## **GROUNDWATER SAMPLING FIELD DATA SHEET**

WELL ID: \_\_MW-15\_

| 1. PRC         | JECT INI                      | FORM/                    | ATION                    |                                |                                   |                                     |                              |                 |   |
|----------------|-------------------------------|--------------------------|--------------------------|--------------------------------|-----------------------------------|-------------------------------------|------------------------------|-----------------|---|
| 1              | t Number: <u>13</u>           |                          |                          | mher: 100-0                    | 001                               | Area of Con                         | .0                           |                 |   |
|                | Owens Co                      |                          |                          |                                |                                   |                                     |                              |                 |   |
|                | Location: An                  |                          |                          |                                |                                   | Personnei: <sub>_</sub><br>Weather: |                              | NAC             | 7                                       |
| 2. WEI         | L DATA                        |                          | Date M                   |                                |                                   | Time:                               | <b>.</b>                     |                 |   |
|                | Diameter:                     | •                        |                          |                                |                                   | * 4                                 |                              | Tem             | nporary Well:   Yes   No                |
| •              | Diameter:                     |                          |                          |                                |                                   | ss 🗆 Galv. Ste                      |                              |                 |   |
|                | epth of Well:_                |                          |                          | From: T                        | on of Mail Cons                   | Galv. Ste                           | el □ Teflon®<br>_            | Other:          | <del></del>                             |
| -              | o Static Water                |                          | =                        | From: d T                      | op of Well Casi                   | ng (TOC)                            | Top of Protect               | ive Casing □    | 1 Other:                                |
|                | o Static vvater<br>o Product: |                          | _                        | From: D.T.                     | op of Well Casil                  | ng (TOC)                            | Top of Protect               | ive Casing □    | Other:                                  |
|                | of Water Colu                 |                          | _                        |                                |                                   |                                     |                              |                 | Other:                                  |
| Lengur         | ———                           | (I)(I)                   | _reet                    | Note: 1-in well                | e:<br>l = 0.041 gal/ft            | gal<br>2-in well = 0.16             | Screened<br>57 gal/ft 4-in 1 | Interval (from  | I GS):<br>I/ft 6-in well = 1.469 gal/ft |
| 3. PUR         | GE DATA                       |                          | Date Pi                  |                                |                                   | _Time:12                            |                              | weii = 0.007 ga |   |
|                | aaabaad 🗆 Bi                  | ailer. Size:             |                          | ☑ <b>∕</b> Bladder Pum         | n 🗍 2" Sub D                      | ump D 4" Cuk                        | . D                          | <del></del>     | Equipment Model(s)                      |
|                | G Cei                         |                          | np 🖵 Perista             | iltic Pump 🚨 In                | ertial Lift Pump                  | Other:                              |                              |                 | Bladder purp                            |
| Materia        | ls: Pump/Baile                | r □ Polyeti              | nylene_⊒-Sta<br>ated □ P | ainless  PVC repared Off-Site  | ☐ Teflon® ☐<br>Field-Clea         | ☐ Other:<br>aned ☐ Dispo            | sable                        | 2               | teron ail                               |
| Material       | s: Rope/Tubin                 | g Polyeti                | hvlene 🗆 Po              | lypropylene 🗅                  | Teflon® □ N                       | ylon                                |                              | 3               | 131.534                                 |
| Volume         | to Purge (mini                |                          |                          |                                |                                   |                                     | ble                          | 4               | 127-54                                  |
|                | Il purged dry?                |                          | No                       |                                | te:                               |                                     |                              |                 | Calibrated?                             |
|                | Cum. Gallons                  |                          | Temp                     | Spec. Cond.                    |                                   | DO                                  | Turbidity                    |                 |   |
| Time           | Removed (gal)                 | ±0.1 su                  | ±2°C                     |                                | > of ±10% or                      | > of ±10% or                        |                              | Water Level     | Comments                                |
| 1728           | 0.05                          | 1 60                     |                          | ±10 µS/cm                      | ±20 mV                            | ±0.2 mg/L                           |                              | 450 - 4         |   |
|                |                               | 6.80                     | 23.93                    | 0.244                          | 133.4                             | 3.43                                | 4.49                         | 13.83           |   |
| 1775           |                               |                          | 23.37                    | 0.259                          | 105.7                             | 2.04                                | 4.80                         | 13.931          |   |
| 1741           | 0.15                          | 6.92                     | 23.06                    | 0.263                          | 97.2                              | 1.45                                | 4.15                         | 13.98           |   |
| 1746           | 0.20                          | 6.92                     | 23.73                    | 0.765                          | 93.4                              | 1.15                                | 4.25                         | 13.401          |   |
| 1752           | 0.25                          | 6.90                     | 1244                     | 0.245                          | 90.7                              | 0.43                                | 4.15                         | 1341'           |   |
|                |                               |                          |                          |                                |                                   |                                     |                              | Purge data      | a continued on next sheet?              |
| I. SAME        | PLING DA                      |                          |                          | _                              |                                   |                                     |                              | Geoch           | nemical Analyses                        |
| Method(s       | s): 🔲 Bail<br>Centr           | er, Size:<br>ifugal Pump | <br>☐ Peristalti         | Ɓladder Pump<br>c Pump  □ Iner | ☐ 2" Sub. Pun<br>tial Lift Pump [ | np 🚨 4" Sub. I                      | Pump                         | Ferrou          | is Iron: mg/L                           |
| Materials      | : Pump/Bailer                 |                          | lene 🗷 Stair             | nless D PVC [                  | ☐ Teflon® ☐                       | Other:                              |                              | DO:             | 1                                       |
| Materiale      | · Tuhing/Pone                 |                          |                          | pared Off-Site                 | Field-Clean                       | ed Disposa                          | able                         |                 | mg/L                                    |
|                | : Tubing/Rope                 |                          |                          | red Off-Site                   | Field-Cleaned                     | Disposable Disposable               | e                            | Nitrate         | :: / mg/L                               |
|                | Water at Time                 |                          |                          | i                              | Field Filtered                    | ? • Yes 🗖                           | No                           | Sulfate         | s:/ mg/L                                |
|                | D: MW-15                      |                          |                          | <b>O</b> Sample Ti             | me: 1815                          | _ # of Contain                      | ers:                         | Alkalin         | ify: mg/L                               |
|                | Sample Collect                |                          | •                        | ID:                            |                                   | # of Contain                        | ers:                         |                 | i                                       |
| Equipmer       | nt Blank Collec               | ted? 🖊 Y                 | es 🗆 No                  | ID: <u><b>F8-0</b></u>         | F07 100                           | # of Contain                        | ers: <b>Z</b>                | <b></b>         |   |
| . COMN         | MENTS                         | intak                    | et                       | N 95 F                         | L                                 |                                     |                              |                 |   |
|                |                               |                          |                          |                                |                                   |                                     |                              |                 |   |
|                |                               |                          |                          |                                |                                   |                                     |                              |                 |   |
| te: Include co | omments such as               | s well conditi           | on, odor, pre            | sence of NAPL,                 | or other items n                  | ot on the field d                   | ata sheet.                   |                 |   |
|                |                               |                          |                          |                                |                                   |                                     |                              |                 | >                                       |

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## **GROUNDWATER SAMPLING FIELD DATA SHEET**

| WELL ID: | MW-15    |
|----------|----------|
|          | 14144 10 |

| 3. PUR | GE DATA          | (contin | ued fro | m page                   | ( )                 |                              |           |             |          |
|--------|------------------|---------|---------|--------------------------|---------------------|------------------------------|-----------|-------------|----------|
| Time   | Cum. Gallons     | pН      | Temp    | Spec. Cond               | . ORP               | DO                           | Turbidity |             |          |
| - Inne | Removed<br>(gal) | ±0.1 su | ±2°C    | > of ±3% or<br>±10 µS/cm | > of ±10% of ±20 mV | or > of ±10% or<br>±0.2 mg/L | ≤ 10 NTU  | Water Level | Comments |
| 1757   |                  | 6.87    | 12.21   |                          |                     | 0.90.                        | 4.00      | 14702       | 14.05    |
| 1801   |                  |         | 1203    |                          | 86.9                | 0.71                         | 4.00      | 14.09       |          |
| 1807   | 0.50             |         |         | 0.762                    | 83.8                | 0.64                         | 4.15      | 14.09       |          |
| 1817   | 0.65             | 6.81    | 21.93   | 0.261                    | 81.3                | 0.60                         | 4.00      | 14.15       |          |
| 1815   | Collecte         | d sa    | mple.   |                          |                     |                              |           |             |          |
|        |                  |         |         |                          |                     |                              |           |             |          |
|        |                  |         |         |                          |                     |                              |           |             |          |
|        |                  |         |         | <del></del>              |                     | <del> </del>                 |           |             |          |
|        |                  |         |         |                          |                     |                              |           |             | 8 8      |
|        |                  |         |         |                          |                     |                              |           |             | 5.E7     |
|        |                  |         |         |                          |                     |                              |           |             | 1 E      |
|        |                  |         |         |                          |                     |                              | ,1        |             |          |
|        |                  |         |         |                          | T.                  |                              |           |             |          |
|        |                  |         |         |                          | 242                 |                              |           |             |          |
| -      |                  |         | 3       |                          |                     |                              |           | · N         |          |
|        |                  | -       |         |                          |                     |                              | (3        | 010         |          |
|        |                  | -       |         | N.                       |                     | 9                            |           | 177         |          |
|        |                  |         | . 40    |                          |                     |                              | 24        |             |          |
|        |                  |         |         |                          |                     |                              |           |             |          |
|        |                  |         |         |                          |                     |                              |           |             | \$       |
|        |                  |         |         |                          |                     |                              |           |             |          |
|        |                  |         |         |                          |                     |                              |           |             |          |
|        |                  |         |         |                          |                     | •                            |           |             |          |
| 2.5    |                  |         |         |                          |                     | 19                           |           |             |          |
|        |                  |         |         |                          |                     | •                            |           |             |          |
|        |                  |         |         |                          | ·                   |                              |           |             |          |
|        |                  | 15      | 3       | T.                       |                     |                              |           |             |          |
|        |                  |         |         |                          |                     |                              |           |             |          |

Purge data continued on next sheet?

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# B R O W N A N D C A L D W E L L

## **GROUNDWATER SAMPLING FIELD DATA SHEET**

WELL ID: MW-22

| Project Number: 138670   |          |
|--|----------|
| Client: Owens Corning Project Location: Anderson, South Carolina  Weather: Survey   /o *F  2. WELL DATA  Casing Diameter: 8 inches Type: 2/PVC   Stainless   Galv. Steel   Teffon®   Other:   Screen Diameter: 8 inches Type: 2/PVC   Stainless   Galv. Steel   Teffon®   Other:   Total Depth of Well: 116   feet From: 2 Top of Well Casing (TOC)   Top of Protective Casing   Other:   Depth to Static Water: 7 2/2   feet   Depth to Static Water: 7 2/2   feet   Depth to Product:   feet   From: 2 Top of Well Casing (TOC)   Top of Protective Casing   Other:   Depth to Product:   feet   From: 3 Top of Well Casing (TOC)   Top of Protective Casing   Other:   Depth to Product:   feet   Well Volume:   gal   Screened Interval (from GS):   Note: 1-in well = 0.041 gal/ft   2-in well = 0.167 gal/ft   4-in well = 0.057 gal/ft   4-in well = 0.0 |          |
| Project Location: Anderson, South Carolina   |          |
| 2. WELL DATA   |          |
| Casing Diameter: 8   | - P61a   |
| Screen Diameter:   | , Palvo  |
| Total Depth of Well: 116   |          |
| Depth to Static Water: 728   feet   From:   Top of Well Casing (TOC)   Top of Protective Casing   Other:   Depth to Product:   feet   From:   Top of Well Casing (TOC)   Top of Protective Casing   Other:   Depth to Product:   feet   From:   Top of Well Casing (TOC)   Top of Protective Casing   Other:   Depth to Product:   feet   Well Volume:   gal   Screened Interval (from GS):   Note: 1-in well = 0.041 gal/nt   2-in well = 0.167 gal/nt   4-in well = 0.667 gal/nt   4-in well   | _        |
| Depth to Product:  |          |
| Note: 1-in well = 0.041 galm   |          |
| Note: 1-in well = 0.041 gal/nt   2-in well = 0.167 gal/nt   4-in well = 0.667 gal/nt   6-in well = 1.46  |          |
| Purge Method: □ Bailer, Size: 3 4  | 9 gal/ft |
| Materials: Pump/Bailer         □ Polyethylene Østainless □ PVC         □ Teflon® □ Other: □ Disposable         2. Hero diput           Materials: Rope/(ubins)         □ Prepared Off-Site □ Field-Cleaned □ Disposable         3. DET-15166           Materials: Rope/(ubins)         □ Proplyethylene □ Prepared Off-Site □ Field-Cleaned □ Disposable         4.  | odel(s)  |
| Materials: Pump/Bailer         ☐ Polyethylene  |          |
| Materials: Rope/   |          |
| Volume to Purge (minimum): well volumes or gallons   Was well purged dry?  |          |
| Was well purged dry?   Yes   No   Pumping Rate:   gal/min   Galibrated?   Property   Property   Galibrated?   Propert     |          |
| Time   |          |
| Time Removed (gal) ±0.1 su ±2°C > of ±3% or 10 or 10 or 20   | es 🗆     |
| 10   10   10   10   10   10   10   10  | nts      |
|  |          |
|  |          |
| 1624   0.10   4.69   26.14   0.65   -142.2   3.68   0.35   7.29     1632   0.15   4.64   16.03   0.114   -147.5   3.59   0.30   7.29     1632   0.15   4.64   16.03   0.114   -147.5   3.59   0.30   7.29     1632   0.15   4.64   16.03   0.114   -147.5   3.59   0.30   7.29     1632   0.15   4.64   16.03   0.114   -147.5   3.59   0.30   7.29     1632   0.15   4.64   16.03   0.114   -147.5   3.59   0.30   7.29     1632   0.15   4.64   16.03   0.114   -147.5   3.59   0.30   7.29     1632   0.15   4.64   16.03   0.114   -147.5   3.59   0.30   7.29     1632   0.15   4.64   16.03   0.114   -147.5   3.59   0.30   7.29     1632   0.15   4.64   16.03   0.114   -147.5   3.59   0.30   7.29     1632   0.15   4.64   16.03   0.114   -147.5   3.59   0.30   7.29     1632   0.15   4.64   16.03   0.114   -147.5   3.59   0.30   7.29     1632   0.15   4.64   16.03   0.114   -147.5   3.59   0.30   7.29     1632   0.15   4.64   16.03   0.114   -147.5   3.59   0.30   7.29     1632   0.15   4.64   16.03   0.114   -147.5   3.59   0.30   7.29     1632   0.15   4.64   16.03   0.114   -147.5   3.59   0.30   7.29     1632   0.15   4.64   16.03   0.114   -147.5   3.59   0.30   7.29     1632   0.15   4.64   16.03   0.114   -147.5   3.59   0.30   7.29     1632   0.15   4.64   16.03   0.114   -147.5   3.59   0.30   7.29     1632   0.15   4.64   16.03   0.114   -147.5   3.59   0.30   7.29     1632   0.15   4.64   16.03   0.114   -147.5   3.59   0.30   7.29     1632   0.15   4.64   16.03   0.114   -147.5   3.59   0.30   7.29     1632   0.15   4.64   16.03   0.114   -147.5   3.59   0.30   7.29     1632   0.15   4.64   16.03   0.114   -147.5   3.59   0.30   7.29     1632   0.15   4.64   16.03   0.114   -147.5   3.59   0.30   7.29     1632   0.15   4.64   16.03   0.114   -147.5   3.59   0.30   7.29     1632   0.15   4.64   16.03   0.114   -147.5   16.03   |          |
| No.    |          |
| Purge data continued on next  1. SAMPLING DATA  Method(s): Bailer, Size: 3/4" Bladder Pump 2" Sub. Pump 4" Sub. Pump Centrifugal Pump Peristaltic Pump Inertial Lift Pump Other: Ferrous Iron:   |          |
| Method(s):  Bailer, Size: 3/4"  Bladder Pump    2" Sub. Pump    4" Sub. Pump  Centrifugal Pump    Peristaltic Pump    Inertial Lift Pump    Other:   |          |
| Method(s):  Bailer, Size: 344 Bladder Pump    2" Sub. Pump    4" Sub. Pump    Ferrous Iron: Ferrous Iron:  | sheet?   |
| ☐ Centrifugal Pump ☐ Peristaltic Pump ☐ Inertial Lift Pump ☐ Other: Ferrous Iron:  |          |
| D Bohrathylana F Chairles D BYO D D D D  | mg/L     |
| Materials: Pump/Bailer   | mg/L     |
| Materials: Tubing/Rone & Polyethylene   Polypropylene   Teflon®   Nylon   Other  |          |
| □ Dedicated □ Prepared Off-Site □ Field-Cleaned □ Disposable □ □ Dis  | _ mg/L   |
| Depth to Water at Time of Sampling: Field Filtered? Yes No Sample ID: No Sample Date Sample Date Sample Time: 1640 # of Containers: Alkalinity   | mg/L     |
| Dunlingto Comple Collected Co. V   | mg/L     |
| "of containers.  |          |
|  |          |
| . COMMENTS fum intak at NESFA by b-TOC.  | -        |
|  |          |
| te: Include comments such as well condition, odor, processes of NADL, and the  |          |
| te: Include comments such as well condition, odor, presence of NAPL, or other items not on the field data sheet.   |          |
| PRM GW-2 (Rev 25.Sept.08 - sej)  | _        |

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|          | Cum. Gallons     | pН      | ued fron | Spec. Cond. | ORP          | DO           | Turbidity | <del></del> |               |
|----------|------------------|---------|----------|-------------|--------------|--------------|-----------|-------------|---------------|
| Time     | Removed<br>(gal) | ±0.1 su | ±2°C     | > of ±3% or | > of ±10% or | > of ±10% or | ≤ 10 NTU  | Water Level | Comments      |
| 639      |                  | 600     |          | ±10 μS/cm   | ±20 mV       | ±0.2 mg/L    |           |             |               |
| 977      | 0.40             | LI 1 C  | 15.48    | 0.114       | -149.1       | 3.55         | 0.20      | 7.24        |               |
| /// 0    |                  | 71.65   |          |             |              |              |           |             | _ <del></del> |
| 640      | Collecte         | d Sa    | yp4.     |             |              |              |           |             |               |
|          |                  | •       |          |             |              |              |           |             |               |
| <u> </u> |                  |         |          |             |              |              |           |             |               |
|          |                  |         |          |             |              |              |           |             |               |
|          |                  |         |          |             |              |              |           |             |               |
|          |                  |         | 2        | -           |              |              | 5         | 71          | 1             |
|          |                  |         |          |             |              |              |           | . 🛎         |               |
|          |                  |         |          |             |              |              |           | ·           |               |
| _        |                  |         |          |             |              |              |           |             |               |
|          |                  |         |          |             |              |              |           |             |               |
| -        |                  |         | _        |             |              |              |           |             |               |
|          |                  |         |          |             |              |              |           |             |               |
|          |                  | -       |          |             | - 10         |              |           | *           |               |
|          |                  |         |          |             |              |              | N.        | ·           |               |
| -        |                  |         | 7        |             | /583         |              |           |             |               |
|          |                  | •       |          |             | •            |              | 22        |             |               |
| -        |                  | •       | ·- ·     | - +         |              | -            |           |             |               |
|          |                  |         |          |             |              |              |           |             |               |
| _        |                  |         |          |             |              |              | _         |             |               |
|          |                  |         |          |             |              |              |           |             |               |
|          |                  |         |          |             |              |              |           |             |               |
|          |                  |         |          |             |              |              |           |             |               |
|          |                  |         | . 8      |             |              |              |           |             |               |
|          |                  |         |          |             |              |              |           |             |               |
|          |                  |         |          |             |              |              |           |             |               |
|          |                  |         |          |             | 2.5          |              |           |             |               |
|          |                  |         |          |             |              |              |           | -           |               |

Purge data continued on next sheet?

| FORM GW-2 | (Rev 25.Sept.08 - sej) |         | Signature |
|-----------|------------------------|---------|-----------|
|           |                        | Page of |           |

## **GROUNDWATER SAMPLING FIELD DATA SHEET**

WELL ID: <u>MW-29R Zone 3-Waterloo</u>

| 1. PR          | DJECT IN        | FORM/                    | NOITA                    | T.                                |                                 |                                |                |                        |  |
|----------------|-----------------|--------------------------|--------------------------|-----------------------------------|---------------------------------|--------------------------------|----------------|------------------------|--|
|                |                 |                          |                          | mber: 100-0                       | 001                             | Area of Cor                    | ocern.         |                        |  |
| Client         | Owens Co        | rning                    |                          |                                   |                                 |                                |                |                        |  |
| Projec         | t Location: An  | derson,                  | South Ca                 | _                                 |                                 |                                |                | ~ 75°F                 | <del>-</del>                             |
|                | LL DATA         |                          |                          | leasured:8                        |                                 |                                |                |                        |  |
| Casing         | Diameter:       | ir                       | nches                    |                                   |                                 |                                |                | Tem                    | porary Well: □Yes ☑No                    |
|                | n Diameter:     |                          | Lei                      | ngth of water of<br>9094-Curren   | column calcul<br>it Dg reading) | lation:<br>)*0.02775)*2.3      | 108) ≈ Lend    | of water o             | olumn (ft) 149.5                         |
| Sampl          | ing Inteval: 15 | <u>54.5-169.6</u>        | _feet We                 | ai voi. Caiculai                  | tion:                           |                                |                |                        | ol of water in tubing(1/4")              |
| Depth          | to Static Water | : 6761.8                 | Dg                       | =                                 | [22. 10 gai - 2                 | 5∠ gaij + (0.0                 | 102 gal/ft x   | length of wate         | rolor water in tubing(1/4")<br>er column |
| 1              | to Product:     |                          | _                        |                                   | 19.6                            | .6                             |                |                        |  |
| Length         | of Water Colur  | mn։ <u> (<b>५4.</b>)</u> | _feet                    | Well Volume                       |                                 | gal                            | Screened       | Interval (from         | GS):                                     |
| 3 PUR          | GE DATA         |                          | D-4- D                   | Note: 1-in well                   | I = 0.041 gal/ft                | 2-in well = 0.16               | 67 gal/ft 4-in | well = 0.667 ga        | Vft 6-in well = 1.469 gal/ft             |
| Durge I        | GE DATA         | ailer, Size: _           | Date Pt                  | Jrged: <u>X∠</u><br>□ Bladder Pum | (( - ( 0<br>D □ 2" Sub P        | _ Time:                        | Pump           |                        | Equipment Model(s)                       |
|                | Method: ☐ Ba    |                          |                          |                                   |                                 |                                | . rump         |                        | ateloi                                   |
| Materia        | ils: Pump/Baile | r Polyet Dedica          | nyiene □ St<br>ated □ P  | ainless □ PVC<br>repared Off-Site | ☐ Teflon® ☐ Teflon® ☐ Field-Cle | Other: aned □ Dispo            | sable          | 2. <u>Y</u>            | 51-156                                   |
| Materia        | ıls: Rope/Tubin | g Polyeti                | hvlene 🗅 Po              | olvoronviene 🗆                    | Teflon® D N                     | ylon ☐ Other:_<br>ed ☐ Disposa |                | 3                      | DET-18TE                                 |
| Volume         | to Purge (mini  | imum):                   | well                     | volumes or (                      | 1.55                            | aallons<br>aallons             | uie            | 4                      |  |
|                | ell purged dry? | □ Yes                    |                          |                                   | te:                             |                                |                |                        | Calibrated? ☐ Yes ☐                      |
| Time           | Cum. Gallons    | рН                       | Temp                     | Spec. Cond.                       | ORP                             | DO                             | Turbidity      |                        |  |
| Title          | Removed (gal)   | ±0.1 su                  | ±2°C                     | > of ±3% or<br>±10 µS/cm          | > of ±10% or<br>±20 mV          | > of ±10% or<br>±0.2 mg/L      | ≤ 10 NTU       | Water Level <b>D 9</b> | Comments                                 |
| 0735           | 0.05            | 4.78                     | 1834                     | 0.119                             | 228.0                           | 4.70                           | 4110           |                        |  |
| 0170           | 0.15            | 2.56                     | 1-                       |                                   |                                 | 2.51                           | 4.40<br>4.00   | 6767.4                 |  |
| 0747           | 0.25            | 2.39                     | 17.84                    | 0.121                             | 296.4                           | 2.29                           | 7.00           | 67674                  |  |
| 0747           | 0.50            | 2.69                     |                          | 0.131                             |                                 | -                              |                | 6767.6                 |  |
|                | 0.60            |                          |                          |                                   | 279.6                           | 2.37                           | 2.75           | 6767.6                 |  |
| 0750           | 0.65            | 1.70                     | 17.76                    | 0.119                             | 268.0                           | 2.41                           | 3.15           | 6767.6                 |  |
| 4 SAME         | PLING DA        | ΤΔ                       |                          |                                   |                                 |                                |                | Purge data             | a continued on next sheet?               |
| Method(        | e). 🚨 Baile     | er, Size:                |                          | Bladder Pump                      | □ 2" Sub_Pur                    | mp 🛄 4" Sub. I                 | Dumo           | <u>Geoch</u>           | emical Analyses                          |
|                | ' La Centri     |                          | □ Peristait              | ic Pump 🚨 Iner                    | tial Lift Pump(                 | <b>7</b> -0ther:               | ———            | Ferrou                 | s Iron: mg/L                             |
|                | •               | ☐ Dedicate               | ed ⊡iPre                 | nless DPVC (pared Off-Site        | Field-Clean                     | ed Disposa                     | ible           | DO:                    | mg/L                                     |
| Materials      | : Tubing/Rope   | Polyethy Dedicate        | lene □ Poly<br>d □ Prepa | propylene □ T<br>red Off-Site □   | eflon® 🗆 Nylo                   | On Other:                      |                | Nitrate                | :mg/L                                    |
| Depth to       | Water at Time   | of Samplin               | ua.                      |                                   | Field Filtered                  | · 💯                            |                | Sulfate                | mg/L                                     |
|                | D:MW-292 2      |                          |                          | Sample Ti                         | me: <b>0)5</b> 5                | _ # of Contain                 |                | Alkalin                | /  |
|                | Sample Collec   |                          | _                        | ID:                               |                                 | # of Contain                   | ers:           | _  /                   |  |
| Equipme        | nt Blank Collec | ted? □ Y                 | es 🗹 No                  | ID:                               | <del></del> _                   | # of Contain                   | ers:           | <u> </u>               | j  |
| . COM          | MENTS _         |                          |                          |                                   |                                 |                                |                |                        |  |
|                |                 |                          |                          |                                   |                                 |                                |                |                        |  |
| ote: Include o | Omments such as | wall constitu            | on ode: :                |                                   |                                 |                                |                |                        |  |
| molade C       | omments such as | weii conalti             | on, oaor, pre            | sence of NAPL,                    | or other items i                | not on the field d             | ata sheet.     |                        |  |
| ORM GW-2       | /Pa 05 0        |                          |                          |                                   |                                 |                                |                |                        | >  |
| 011-2          | (Rev 25.Sept.08 | · - sej)                 |                          | Page _                            | of                              | s                              | ignature       |                        |  |



WELL ID: <u>MW-29R Zone 3-Waterloo</u>

|      | Cum. Gallons     | pH      | Temp  | Spec. Cond.              | ORP   | DO                        | Turbidity |             |          |
|------|------------------|---------|-------|--------------------------|-------|---------------------------|-----------|-------------|----------|
| Time | Removed<br>(gal) | ±0.1 su | ±2°C  | > of ±3% or<br>±10 µS/cm |       | > of ±10% or<br>±0.2 mg/L | ≤ 10 NTU  | Water Level | Comments |
| 0353 | O.75<br>(olleste | 3.03    | 17.77 | 0.119                    | 261.5 |                           | 3.15      | 67673       |          |
| 755  | (ollete          | er Sa   | 4/4   |                          |       |                           |           |             |          |
|      |                  |         | U     |                          |       |                           |           |             | #        |
|      |                  |         |       |                          |       |                           |           |             |          |
|      |                  |         |       |                          |       |                           |           |             |          |
|      |                  |         |       |                          | _     |                           |           |             |          |
|      |                  |         |       |                          |       | =-                        |           |             |          |
|      | 2                |         |       |                          |       |                           |           |             |          |
|      |                  |         |       |                          |       |                           |           |             |          |
|      |                  |         |       |                          |       |                           |           |             |          |
|      |                  | *       |       |                          |       |                           |           |             |          |
| -    |                  | 9.      |       | *                        |       |                           |           |             |          |
|      |                  |         |       |                          |       |                           |           |             |          |
|      |                  |         |       |                          |       |                           |           |             |          |
|      |                  |         |       |                          |       |                           | TI .      |             |          |
|      |                  |         |       |                          |       |                           |           |             |          |
|      |                  |         |       |                          |       | 3 1 2                     |           |             |          |
|      |                  |         |       |                          | **    |                           | 8         | 10          |          |
|      |                  |         |       | •                        |       |                           |           |             |          |
|      |                  |         |       |                          |       |                           |           |             |          |
|      |                  |         |       |                          |       |                           |           |             |          |
|      |                  |         |       |                          | <4    |                           |           |             |          |
|      |                  |         |       |                          |       |                           |           |             |          |
|      | *                |         |       |                          |       |                           |           |             |          |
| 5    | PE               |         |       |                          |       |                           |           |             |          |
|      |                  |         |       |                          |       |                           |           |             |          |
|      |                  |         |       |                          |       |                           |           |             |          |
|      |                  |         |       |                          |       |                           |           |             |          |
|      |                  |         |       |                          |       |                           |           | w.          |          |

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### **GROUNDWATER SAMPLING FIELD DATA SHEET**

WELL ID: MW-29R Zone 4-Waterloo

| 1. PRC        | DJECT IN              | FORM                       | ATION         |                                     |                        | <del></del>                           |                |                   |                                      |
|---------------|-----------------------|----------------------------|---------------|-------------------------------------|------------------------|---------------------------------------|----------------|-------------------|--------------------------------------|
| 1             | t Number: <u>13</u>   |                            |               | mhor: 100 0                         | 01                     |                                       |                |                   |                                      |
|               | Owens Co              |                            |               |                                     |                        | _                                     |                |                   |                                      |
|               | t Location: <u>Ar</u> |                            |               | arolina                             |                        |                                       |                |                   |                                      |
|               | L DATA                |                            |               |                                     |                        |                                       |                |                   |                                      |
| 1             |                       |                            | =             | ieasured: <u>"M</u>                 | -4-70                  | _ Time:/                              | 4.~            | Tem               | porary Well: □Yes DNo                |
|               | Diameter:             |                            | Lei           | ngth of water o                     | olumn calcul           | ation:                                |                |                   |                                      |
|               | Diameter:             |                            | \//c          | 8932.8-Curre)<br>Il Vol. calculat   | ion:                   |                                       |                |                   | . ,                                  |
| ľ             | ng Interval: 17       |                            | _feet         | 1 well vol. = [                     | vol sand inte          | rval(6") - vol o                      | f waterloo ca  | asing (2")] + vo  | ol of water intubing(1/4")           |
|               | to Static Water       |                            |               | •                                   | .00.14 gai - 4         | . 11 gaij + (0.0                      | 102 gai/it X i | ength of wate     | r column)                            |
| •             | to Product:           |                            | _             | •••                                 |                        |                                       |                |                   |                                      |
| Length        | of Water Colu         | mn:                        | _teet         |                                     |                        | gal<br>2-in well = 0.1                |                | Interval (from    | GS):<br>/ft 6-in well = 1.469 gal/ft |
| 3. PUR        | GE DATA               | ·                          | Date P        | urged: <b>\$-</b> 11                |                        |                                       |                | weii = 0.007 gaii |                                      |
|               |                       |                            |               | ☐ Bladder Pum<br>altic Pump ☐ In    | p 🛘 2" Sub. P          | _ Tillie. <u>Op.</u><br>Pump □ 4" Sul | b. Pump        |                   | Equipment Model(s)                   |
|               |                       |                            |               |                                     |                        |                                       | _ <del></del>  |                   | He loo                               |
| Materia       | ls: Pump/Baile        | Dedica                     | ated DF       | tainless 🛭 PVC<br>Prepared Off-Site | e 🛘 Field-Cle          | ≱r Other:<br>aned □ Dispo             | osable         | 2. <u> </u>       | 31-556                               |
| Materia       | ls: Rope/Tubin        | g Polyet                   | hylene 🗆 Po   | olypropylene   □<br>pared Off-Site  | Teflon® □ N            | ylon 🗖 Other:                         | hla            | 3                 | 17-154.                              |
| Volume        | to Purge (min         |                            |               |                                     |                        |                                       | ibre           | 4                 |                                      |
|               | ell purged dry?       | ☐ Yes                      |               |                                     | te:                    |                                       |                |                   | Calibrated? ☐ Yes ☐                  |
|               | Cum. Gallons          | pH                         | Temp          | Spec. Cond.                         |                        | DO                                    | Turbidity      |                   |                                      |
| Time          | Removed<br>(gal)      | ±0.1 su                    | ±2°C          | > of ±3% or<br>±10 μS/cm            | > of ±10% or<br>±20 mV | > of ±10% or<br>±0.2 mg/L             | ≤ 10 NTU       | Water Level       | Comments                             |
| 0805          | 0.10                  | 4.66                       | 17.98         | 0.144                               | 181.3                  | 3.58                                  | 2.90           | 6030.5            |                                      |
| 080g          | 0.15                  | 4.37                       | 17.94         | 0.161                               | 186.4                  | 2.07                                  | 2.76           | 6030.5            | _                                    |
| 0811          | 0.25                  | 4.30                       | 17.95         | 0.155                               | 184.5                  | 1.47                                  | 2.15           | 4030.7            |                                      |
| 0814          | 0.35                  | 4.34                       | 17.93         | 0.149                               | 180.8                  | 1.75                                  | 2.30           | 6030.3            |                                      |
| 1817          | 0.40                  | 4.42                       | 17.93         | 0.141                               | 1758                   | 1.70                                  | 2.75           | 4=30.7            |                                      |
| 0820          | collecte              | 1 SGN                      | Dle           |                                     |                        |                                       | 9              | Purge data        | continued on next sheet?             |
| I. SAMF       | PLING DA              | TA                         |               |                                     |                        |                                       |                | Geoch             | emical Analyses                      |
| Method(       | s): 🔲 Bai             | ler, Size:<br>rifugal Pump | Peristali     | l Bladder Pump<br>tic Pump 🏻 Iner   | 2" Sub. Pur            | mp 🚨 4" Sub.                          | Pump           | Ferrou            | s Iron: mg/L                         |
| Materials     | s: Pump/Bailer        | ☐ Polyethy                 | rlene 🛭 Stai  | nless D PVC                         | □ Teflon® ⊠r           | Other:                                |                | DO:               | 1                                    |
| Motoriolo     | : Tubing/Dana         | ☐ Dedicate                 |               | epared Off-Site                     |                        |                                       | able           |                   | mg/L                                 |
|               | : Tubing/Rope         |                            |               | red Off-Site                        | Field-Cleaned          | Disposable                            | le             | Nitrate           | mg/L                                 |
| Depth to      | Water at Time         | of Sampli                  | ng:           |                                     | Field Filtered         | ? 🗆 Yes 🗆                             | ) No           | Sulfate           | : mg/L                               |
|               | D: <u>MW-74R</u>      |                            |               |                                     |                        | _ # of Contair                        | ners:          | Alkalini          | ity: mg/L                            |
|               | Sample Colle          |                            | _             |                                     |                        | # of Contain                          |                |                   |                                      |
| Equipme       | nt Blank Collec       | cted? U Y                  | es por No     | 1D:                                 |                        | # of Contain                          | ners:          |                   |                                      |
| . COM         | <b>JENTS</b>          |                            |               |                                     |                        |                                       |                |                   |                                      |
|               |                       |                            |               |                                     |                        |                                       |                |                   |                                      |
| oto: Include  |                       |                            |               |                                     |                        |                                       |                |                   |                                      |
| ne. Include c | omments such a        | s well conditi             | on, odor, pre | esence of NAPL,                     | or other items         | not on the field o                    | data sheet.    |                   |                                      |
|               |                       |                            |               |                                     |                        |                                       |                | 2                 |                                      |
| DRM GW-2      | (Rev 25.Sept.0        | 8 - sej)                   |               |                                     |                        | 7                                     | Signature      |                   |                                      |

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WELL ID: <u>MW-29R Zone 4-Waterloo</u>

|     | Cum. Gallons     | pН              | Temp      | m page | ORP | DO                        | Turbidity | T           |             |
|-----|------------------|-----------------|-----------|--------|-----|---------------------------|-----------|-------------|-------------|
| ime | Removed<br>(gal) | ±0.1 su         | ±2°C      |        |     | > of ±10% or<br>±0.2 mg/L | ≤ 10 NTU  | Water Level | Comments    |
|     |                  |                 |           |        |     |                           |           |             |             |
|     |                  |                 |           |        |     |                           |           |             |             |
|     |                  |                 |           |        |     |                           |           |             | 1.          |
|     |                  | , <sup>10</sup> |           |        |     |                           |           |             |             |
|     |                  |                 |           |        |     |                           |           |             |             |
|     |                  |                 |           |        |     |                           |           |             |             |
|     |                  |                 |           |        |     |                           |           |             |             |
|     |                  | -               |           |        |     |                           |           |             |             |
| _   | - 1              |                 |           |        |     |                           |           |             | E.          |
|     |                  |                 |           |        |     |                           |           |             | <u> </u>    |
|     |                  |                 |           |        |     |                           |           |             |             |
|     |                  |                 |           | 1.2    |     |                           |           |             |             |
|     |                  |                 |           |        |     |                           |           |             |             |
|     |                  |                 |           |        | · · |                           |           |             |             |
|     |                  |                 |           |        |     |                           |           |             |             |
|     |                  | F               |           |        | +1  |                           |           |             |             |
|     |                  | 9               |           |        |     |                           |           |             | <del></del> |
|     |                  |                 | 75.<br>II |        |     |                           |           |             |             |
|     |                  |                 |           |        |     |                           |           |             |             |
|     |                  |                 |           |        |     |                           |           |             |             |
|     |                  |                 |           |        |     | (9)                       |           | 12          |             |
|     |                  |                 |           |        |     |                           |           |             |             |
|     |                  | 6               |           |        |     |                           |           |             |             |
|     |                  |                 |           |        |     |                           |           |             |             |
| _   |                  |                 |           |        |     |                           |           |             |             |
|     |                  |                 |           |        |     |                           |           |             |             |
|     |                  |                 |           |        |     |                           |           |             |             |

Signature
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FORM GW-2 (Rev 25.Sept.08 - sej)

## **GROUNDWATER SAMPLING FIELD DATA SHEET**

WELL ID: MW-35

| III. PRU   | JECT INF  | ORMA  | TION  |  |  |   |                            |  |   |
|--|---|---|---|--|--|---|----------------------------|--|---|
|  | Number: <u>13</u>   |   |   | mber: 100.0  | · <b>∩</b> 1   | A == = = 6 O = =  |                            |  |   |
| Client:  | Owens Cor   | nina  | 1431(144)   | 11ber. <u>100.0</u>  | <u> </u>   | Personnel:  | ncern:                     |  | <del></del>                                 |
|  | Location: An  |   |   |  |  |   |                            | Dade N                                       | 9506  |
|  | L DATA  |   |   |  |  |   |                            |  |   |
| l  | Diameter:   |   |   | easured: 🕻   |  |   |                            | Tem  | porary Well: □Yes ÆNo                       |
|  | Diameter:   |   |   |  |  | s 🛘 Galv. Ste   |                            |  |   |
|  | epth of Well:   |   |   |  |  | S Galv. Ste   |                            |  |   |
| _  | o Static Water:   |   | _   | From: of T   | op of Well Casi  | ng (TOC) Li   | op of Protect              | ive Casing                                   | Other:                                      |
|  | o Product:  |   |   |  |  |   |                            |  | Other:                                      |
| •  | of Water Colur  |   | _   |  |  |   |                            |  | Other:                                      |
| Lengui   | Or Water Colu   |   | _reet   |  |  | gal<br>2-in well = 0.16   |                            | Interval (from                               | GS):<br>/ft 6-in well = 1.469 gal/ft        |
| 3. PUR   | GE DATA   |   | Date Pu   | irged: 🙎   |  |   |                            |  | Equipment Model(s)                          |
| Purge N  | /lethod: ☐ Ba   | ailer. Size:  |   | ☐ Bladder Pum  | n D'2" Sub D   | umn Da" Suk   | Burne                      |  | Equipment Model(s)                          |
|  | La Cen  |   |   | ainless PVC  |  |   |                            |  |   |
| Material   | ls: Pump/Baile  | in Dedica   | ited UP   | repared Off-Site   | Field-Clea   | aned 🗆 Dispo  | sable                      |  | 127-15CE                                    |
| Material   | s: Rope/Tubing  | Polyeth   | nylene 🖵 Po   | lypropylene 🚨<br>pared Off-Site  | Teflon® □ Ny   | /lon Dispose  | hla                        | 3  |   |
| Volume   | to Purge (mini  |   |   |  |  |   | DIE                        | 4  |   |
|  | Il purged dry?  | ☐ Yes   |   |  | te:  |   |                            |  | Calibrated? ☐ Yes ☐                         |
|  | Cum. Gallons  | рH  | Temp  | Spec. Cond.  |  | DO  | Turbidity                  |  |   |
| Time   | Removed<br>(gal)  | ±0.1 su   | ±2°C  | > of ±3% or<br>±10 µS/cm   |  | > of ±10% or<br>±0.2 mg/L   | ≤ 10 NTU                   | Water Level                                  | Comments                                    |
| 1541   | 2.0   | 7.26  | 26.02   | 0.293  | -126.2   | 3.16  | 7.86                       | _  |   |
|  |   | 7.0   |   |  |  |   |                            |  |   |
| 1543   | 5.0   | 8.18  | 20.66   | 0.744  |  | 0.47  | 2.02                       | -  |   |
|  | 5.0   | 8.18  | 20.66   |  |  |   |                            | -  |   |
| 1543   |   | 8.18  | 20.66   |  |  |   |                            | -  |   |
| 1543   | 5.0   | 8.18  | 20.66   |  |  |   |                            | -  | 1   |
| 1543   | 5.0   | 8.18  | 20.66   |  |  |   |                            | - Purso deta                                 |   |
| 1543<br>1545   | 5.0<br>(ollewa  | 8.15<br>8 say   | 20.66   |  |  |   |                            |  | a continued on next sheet?                  |
| 1543<br>1545<br>1. SAMF  | S.O  (ollcode)  PLING DA  | 8.1;  Say   | ro.u  | O. 244   | 674.8  | Ø. 47   | 2.03                       | Geoch  | nemical Analyses                            |
| 1543<br>1545<br>4. SAMF  | S.O  (olicone)  PLING DA  Baile  Centre                                 | 8.lf  TA er, Size: ffugal Pump  | Peristalti  | Bladder Pump   | 674.8  | <b>Ø. 6 7</b> np □ 4" Sub.  | 2.03                       | Geoch  |   |
| 1545<br>1545<br>1. SAMF<br>Method(s  | PLING DA  S): Bailer  Pump/Bailer                                       | TA er, Size:  fugal Pump  Polyethy Dedicate   | Peristalti  | Bladder Pump c Pump iner inless PVC (pared Off-Site  | 2" Sub. Purtial Lift Pump I  | np  | Pump                       | Geoch  | nemical Analyses                            |
| 1545<br>1545<br>1. SAMF<br>Method(s  | PLING DA  S): Bailer  Pump/Bailer                                       | TA er, Size:  fugal Pump  Polyethy Dedicate   | Peristalti  | Bladder Pump c Pump iner inless PVC (pared Off-Site  | 2" Sub. Purtial Lift Pump I  | np  | Pump                       | <u>Geoch</u><br>Ferro                        | is Iron: mg/L mg/L                          |
| 1543<br>1545<br>1. SAMF<br>Method(s<br>Materials   | PLING DA  Baile Centri Pump/Bailer Tubing/Rope                          | TA er, Size: fugal Pump Polyethy Dedicate Polyethy                                  | Peristalti lene   | Bladder Pump c Pump iner inless PVC (pared Off-Site propylene in Tred Off-Site in Tred Off- | 2" Sub. Pur tial Lift Pump III Teflon® 2" Field-Clean eflon® 1 Nylot Field-Cleaned   | np  | Pump                       | Geoch<br>Ferrou<br>DO:                       | is Iron: mg/L mg/L mg/L                     |
| 1545  1. SAMF Method(s Materials Materials   | PLING DA  Celtri Pump/Bailer Tubing/Rope Water at Time                  | Folyethy Dedicate of Samplir  | Peristalti lene   Stair d   Prepa lene   Propa                          | Bladder Pump c Pump liner niess PVC (pared Off-Site propylene Tred Off-Site  | 2" Sub. Purtial Lift Pump in Field-Cleaned Pield-Cleaned Field Filtered  | of 4" Sub. Tother: Other: Of Disposable Disposable Disposable   | Pump<br>able               | Geoch<br>Ferrou<br>DO:<br>Nitrate<br>Sulfate | memical Analyses  as Iron: mg/L  mg/L  mg/L |
| 1. SAMF<br>Method(s<br>Materials<br>Materials<br>Depth to<br>Sample II                         | PLING DA  S): Bailer : Pump/Bailer : Tubing/Rope Water at Time          | TA er, Size: ifugal Pump Polyethy Dedicate Polyethyi Dedicate of Samplir Sample Da  | Peristalti lene   | Bladder Pump c Pump iner inless PVC (pared Off-Site propylene Tred Off-Site Sample Times Sample  | 2" Sub. Purtial Lift Pump Government of Field-Cleaned Field Filtered Tree of Field Filtered | of 4" Sub. Tother: Other: Od Disposable Disposable Disposable Tother: | Pump able e No ners: 2     | Geoch<br>Ferrou<br>DO:<br>Nitrate            | memical Analyses  as Iron: mg/L  mg/L  mg/L |
| 1543 1545 1545 4. SAMF Method(s Materials Depth to s Sample II Duplicate                       | PLING DA  Celtri Pump/Bailer Tubing/Rope Water at Time                  | TA er, Size: ifugal Pump Polyethyl Dedicate Polyethyl Dedicate of Samplir Sample Da | Peristalti lene   Stair d   Prepa lene   Propa ng: tte: 10-14 less   No | Bladder Pump c Pump Iner Inless PVC (pared Off-Site Dropylene Tred Off-Site Doorpylene Timed Off | 2" Sub. Purtial Lift Pump (in Field-Cleaned Field Filtered me: \$\sqrt{45}\$   | of 4" Sub. Other: Other: Of Disposable Of Contain # of Contain  | Pump  able  e  No  ners: 1 | Geoch<br>Ferrou<br>DO:<br>Nitrate<br>Sulfate | memical Analyses  as Iron: mg/L  mg/L  mg/L |
| 1. SAMF Method(s Materials Depth to s Sample II Duplicate Equipmer                             | PLING DA  S): Bailer : Pump/Bailer : Tubing/Rope Water at Time D: MW 35 | TA er, Size: ifugal Pump Polyethyl Dedicate Polyethyl Dedicate of Samplir Sample Da | Peristalti lene   Stair d   Prepa lene   Propa ng: tte: 10-14 less   No | Bladder Pump c Pump Iner Inless PVC (pared Off-Site Dropylene Tred Off-Site Doorpylene Timed Off | 2" Sub. Purtial Lift Pump (in Field-Cleaned Field Filtered me: \$\sqrt{45}\$   | of quantities of Contain  of quantities of Contain  | Pump  able  e  No  ners: 1 | Geoch<br>Ferrou<br>DO:<br>Nitrate<br>Sulfate | memical Analyses  as Iron: mg/L  mg/L  mg/L |
| 1543 1545 1545 A. SAMF Method(s Materials Depth to s Sample II Duplicate                       | PLING DA  S): Bailer : Pump/Bailer : Tubing/Rope Water at Time D: MW 35 | TA er, Size: ifugal Pump Polyethyl Dedicate Polyethyl Dedicate of Samplir Sample Da | Peristalti lene   Stair d   Prepa lene   Propa ng: tte: 10-14 less   No | Bladder Pump c Pump Iner Inless PVC (pared Off-Site Dropylene Tred Off-Site Doorpylene Timed Off | 2" Sub. Purtial Lift Pump (in Field-Cleaned Field Filtered me: \$\sqrt{45}\$   | of quantities of Contain  of quantities of Contain  | Pump  able  e  No  ners: 1 | Geoch<br>Ferrou<br>DO:<br>Nitrate<br>Sulfate | memical Analyses  as Iron: mg/L  mg/L  mg/L |
| I SY3 ISY5 ISY5 ISY5 ISY6 Method(s Materials Materials Depth to s Sample II Duplicate Equipmer | PLING DA  S): Bailer : Pump/Bailer : Tubing/Rope Water at Time D: MW 35 | TA er, Size: ifugal Pump Polyethyl Dedicate Polyethyl Dedicate of Samplir Sample Da | Peristalti lene   Stair d   Prepa lene   Propa ng: tte: 10-14 less   No | Bladder Pump c Pump Iner Inless PVC (pared Off-Site Dropylene Tred Off-Site Doorpylene Timed Off | 2" Sub. Purtial Lift Pump (in Field-Cleaned Field Filtered me: \$\sqrt{45}\$   | of quantities of Contain  of quantities of Contain  | Pump  able  e  No  ners: 1 | Geoch<br>Ferrou<br>DO:<br>Nitrate<br>Sulfate | memical Analyses  as Iron: mg/L  mg/L  mg/L |
| ISY3 ISY5 ISY5 ISY5 ISY6 ISY6 ISY6 ISY6 ISY6 ISY6 ISY6 ISY6                                    | PLING DA  S): Bailer : Pump/Bailer : Tubing/Rope Water at Time D: MW 35 | TA er, Size: ifugal Pump Polyethy Dedicate of Samplir Sample Da cted? U Y           | Peristalti lene   Stair d   Prepa ng: te:\$11-14 res  No                | Bladder Pump c Pump iner nless PVC ( pared Off-Site propylene Tred Off-Site  D Sample Ti ID: ID:   | 2" Sub. Purtial Lift Pump II Teflon® III Field-Cleaned Field Filtered me: \$\sqrt{45}\$  | np  | Pump able e No ers:        | Geoch<br>Ferrou<br>DO:<br>Nitrate<br>Sulfate | memical Analyses  as Iron: mg/L  mg/L  mg/L |

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| <b>WELL ID</b> | : <b>M</b> ' | W-35     |  |
|----------------|--------------|----------|--|
| VVELLID        | ·            | <u> </u> |  |

|     | GE DATA Cum. Gallons | pН      | Temp     | Spec. Cond. | ORP | DO                        | Turbidity |             |          |
|-----|----------------------|---------|----------|-------------|-----|---------------------------|-----------|-------------|----------|
| ime | Removed<br>(gal)     | ±0.1 su | ±2°C     |             |     | > of ±10% or<br>±0.2 mg/L | ≤ 10 NTU  | Water Level | Comments |
|     |                      |         |          |             | #5  |                           |           |             |          |
|     |                      |         |          |             |     |                           |           |             |          |
|     |                      |         |          |             |     |                           | 11        |             |          |
|     |                      |         |          |             |     |                           |           |             |          |
|     |                      |         |          |             |     |                           |           |             |          |
| -   |                      | -       |          |             |     |                           |           |             |          |
|     |                      |         |          |             |     |                           |           |             |          |
|     |                      |         |          | -           |     | 15                        |           |             |          |
|     |                      |         |          |             |     |                           | -         |             |          |
|     |                      |         |          |             |     |                           | 9         |             |          |
|     |                      |         |          |             |     |                           |           |             |          |
| _   |                      | 257.    |          |             |     |                           |           |             |          |
|     |                      |         |          |             |     |                           |           |             |          |
|     |                      |         |          |             |     |                           |           |             |          |
|     |                      |         |          |             |     |                           |           |             |          |
|     |                      |         |          |             |     |                           |           |             |          |
|     |                      |         |          |             |     |                           |           |             |          |
|     |                      |         | <b>题</b> |             |     |                           |           |             |          |
|     |                      | -       |          |             |     | <del></del> -             |           |             |          |
|     |                      |         |          |             |     |                           |           |             |          |
|     |                      |         | -        |             |     |                           |           |             |          |
|     |                      |         |          |             |     |                           |           |             |          |
|     |                      |         |          |             |     |                           |           |             |          |
|     |                      |         |          |             |     |                           |           |             |          |
|     |                      |         |          |             |     |                           |           |             |          |
|     |                      |         |          | <del></del> |     |                           |           |             |          |
|     |                      |         |          |             |     |                           |           |             |          |
| _   |                      |         |          |             |     |                           |           |             |          |
|     | •                    |         |          |             |     |                           |           |             |          |
|     |                      |         |          |             |     |                           |           |             |          |
|     |                      |         |          |             |     |                           |           |             |          |
| -+  |                      | -       |          |             |     |                           |           |             |          |

Purge data continued on next sheet?

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Signature

Page \_\_\_\_\_ of \_\_\_\_

## **GROUNDWATER SAMPLING FIELD DATA SHEET**

WELL ID: <u>MW-36 Zone 1-Waterloo</u>

| 1. PRC          | JECT IN                            | FORMA                           | ATION                   |                                  |                                     |                          | -              |                 |                               |
|-----------------|------------------------------------|---------------------------------|-------------------------|----------------------------------|-------------------------------------|--------------------------|----------------|-----------------|-------------------------------|
| Project         | Number: <u>13</u>                  | 8670                            | _ Task Nu               | mber: <u>100.0</u>               | 01                                  | Area of Con              | icern:         |                 |                               |
| Client:_        | Owens Cor                          | rning                           |                         |                                  |                                     | _ Personnel:_            | Bs.            |                 |                               |
|                 | Location: An                       |                                 | South Ca                | arolina                          |                                     | _ Weather:               | Sunny 1        | 1904°           |                               |
| 2. WEL          | L DATA                             | si <sup>El</sup>                | Date M                  | leasured: 🔏                      | -9-14                               | Time: 🗚                  | <del></del>    | Tem             | porary Well: 🗆 Yes 🗷 No       |
| Casing          | Diameter:                          | ir                              | nches                   |                                  |                                     |                          |                |                 | porary vveii. Lifes ANO       |
| Screen          | Diameter:                          | <u>6</u> _ir                    | nches                   | ngth of water o<br>(8558.7-Curre | ent Dg readin                       | ation:<br>g)*0.01797)*2  | .3108) ≃ Le    | ngth of water   | column (ft)                   |
| Samplii         | ng Interval:                       | 99.1-116                        | _<br><u>⊆</u> feet      | eli vol. calculat                | tion:                               |                          |                |                 | /ol of tubing(1/4")           |
| Depth t         | o Static Water                     | 6158.5                          | Dg                      | =                                | [24.83 gal - 2                      | .82 gal] + (0.0          | 102 gal/ft x   | length of wate  | er column)                    |
| Depth to        | o Product:                         |                                 | _feet                   |                                  |                                     |                          |                |                 |                               |
| Length          | of Water Colui                     | mn:                             | _feet                   | Well Volume                      | e:                                  | gal                      | Screened       | Interval (from  | (GS):                         |
|                 |                                    |                                 |                         | Note: 1-in wel                   | i = 0.041 gal/ft                    | 2-in well = 0.16         | 67 gal/ft 4-in | well = 0.667 ga | l/ft 6-in well = 1.469 gal/ft |
| 3. PUR          | GE DATA                            |                                 |                         | urged: 😿                         |                                     |                          |                |                 | Equipment Model(s)            |
| Purge M         | ¶ethod: ☐ Cer                      | ailer, Size: _<br>ntrifugal Pun | np 🖸 Perista            | □ Bladder Pum<br>altic Pump □ In | p   □ 2" Sub. P<br>ertial Lift Pump | ump 🔲 4" Sub<br>🚅 Other: | . Pump         | <b>ما_</b> .1   | aterio-                       |
| Material        | s: Pump/Baile                      |                                 | hylene 🛚 St             | ainless D PVC                    | ☐ Teflon® (                         | Other:                   |                | 2. <b>V</b>     | 51-556                        |
| Material        | s: Rone/Tubin                      |                                 |                         | repared Off-Site                 |                                     |                          |                | ,               | IT-15LE                       |
|                 | s: Rope/Tubin                      |                                 |                         |                                  |                                     |                          | ble            | 4               |                               |
|                 | to Purge (mini                     |                                 |                         |                                  |                                     |                          |                | T               |                               |
| vvas we         | Il purged dry?                     | ☐ Yes                           | Temp                    |                                  | te:                                 |                          |                |                 | Calibrated? ✓ Yes □           |
| Time            | Removed                            |                                 | · ·                     | Spec. Cond.                      |                                     | DO<br>> of ±10% or       | Turbidity      | Water Level     | Comments                      |
|                 | (gal)                              | ±0.1 su                         | ±2°C                    | ±10 μS/cm                        | ±20 mV                              | ±0.2 mg/L                | ≤ 10 NTU       | 19              | Comments                      |
| 0847            | 0.05                               | 5.78                            | 18.63                   | 0.100                            | 120.1                               | 582                      | 2.25           | 62673           |                               |
| 0845            | 0.15                               | 4.36                            | 18:29                   | 0.108                            | 198.5                               | 4.50                     | 2.00           | 6769.7          |                               |
| 0848            | 0.25                               | 4.29                            | 18.18                   | 0.108                            | 202.Z                               | 4.27                     | 1.98           | 6269.7          |                               |
| 0851            | 0.35                               | 4.42                            | 18.13                   | 0.198                            | 193.7                               | 4.15                     | 1.00           | 62697           |                               |
| 0854            | 0.45                               | 4.58                            | 18.11                   | 0.128                            | 184.6                               | 4.15                     | 0.50           | 6269-7          |                               |
|                 |                                    |                                 |                         |                                  |                                     |                          |                |                 | a continued on next sheet?    |
| 1. SAMF         | PLING DA                           | TA                              |                         |                                  |                                     |                          |                | Geoch           | nemical Analyses              |
| Method(s        | s):                                | er, Size:<br>ifugal Pump        | □ □ Peristalt           | Bladder Pump<br>ic Pump 🔲 Iner   | ☐ 2" Sub. Pur                       | np □ 4" Sub. I           | Pump           |                 | us Iron: mg/L                 |
| Materials       | : Pump/Bailer                      | □ Polyethy                      | rlene 🛚 Stair           | nless D PVC I                    | ☐ Teflon® ☐                         | Other:                   |                | DO:             | 1                             |
| Materials       | : Tubing/Rope                      | ☐ Dedicate ☐ Polyethy           |                         | pared Off-Site<br>propylene □ T  |                                     | •                        | able           |                 | mg/L                          |
|                 |                                    | Dedicate                        | ed 🚨 Prepa              | red Off-Site                     | Field-Cleaned                       | ☐ Disposable             |                | Nitrate         | /                             |
| Depth to        | Water at Time                      | of Samplii                      | ng:                     |                                  | Field Filtered                      | ? □ Yes of               | _              | Sulfate         | # mg/L                        |
| Dunlicato       | Sample Colle                       | oample Da                       | ite: <b>x - !! - !!</b> | <u>∨_</u> Sample Ti              | ime: <u>0¶0</u>                     |                          |                | Alkalin         | ity: mg/L                     |
|                 | Sample Collect<br>at Blank Collect |                                 |                         | _                                |                                     | # of Contain             |                |                 |                               |
|                 |                                    | Nou! U I                        | NO INO                  | ID:                              |                                     | # of Contain             | ers:           |                 |                               |
| COMN            | MENTS _                            |                                 |                         |                                  |                                     |                          |                |                 |                               |
|                 |                                    |                                 |                         |                                  |                                     |                          |                |                 |                               |
| ote: Include or | omments such as                    | s well conditi                  | ion odor pro            | Sance of MADI                    | or other #- ··                      |                          |                |                 |                               |
|                 |                                    | ron oondil                      | on, odor, pre           | SEILE OF NAPL,                   | or other items i                    | iot on the field d       | ata sheet.     |                 |                               |
|                 |                                    |                                 |                         |                                  |                                     |                          |                |                 |                               |

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### **GROUNDWATER SAMPLING FIELD DATA SHEET**

WELL ID: <u>MW-36 Zone 1-Waterloo</u>

| 3 PUR    | GE DATA          | (contin | uod fro      | m nogo   | <u> </u>                              |      |             |             |             |
|----------|------------------|---------|--------------|--|---------------------------------------|------|-------------|-------------|-------------|
| <u> </u> | Cum. Gallons     |         | Temp         | Spec. Cond.                                      | ORP                                   | DO   | Turbidity   |             |             |
| Time     | Removed<br>(gal) | ±0.1 su | ±2°C         |  | > of ±10% of ±20 mV                   |      |             | Water Level | l Comments  |
| 0857     | 1.0              | 471     | 18.11        | 0.(08  | 177.3                                 | 4.13 | 1.15        | 6262.4      |             |
| 0900     | 1.15             | 4.83    | 18.11        | 0.108  | 171.0                                 | 4.15 | 1.00        | 6242.4      | 1           |
| 0905     | 1.15<br>(ollecte | d Jan   | de           |  |                                       |      |             | 1           |             |
|          |                  |         | <del>-</del> |  |                                       |      |             |             |             |
| -        |                  |         |              |  |                                       |      |             |             | ű.          |
|          | _                | _       |              | <del>                                     </del> |                                       |      |             |             |             |
|          |                  |         |              |  |                                       |      |             |             |             |
|          |                  |         |              |  |                                       |      |             |             | , : e       |
|          |                  |         |              |  |                                       |      |             |             |             |
|          |                  |         |              |  |                                       |      |             |             |             |
|          |                  |         | -            |  | · · · · · · · · · · · · · · · · · · · |      |             |             |             |
|          |                  |         |              |  |                                       |      |             |             |             |
|          |                  |         |              |  |                                       |      |             |             |             |
|          |                  |         |              |  |                                       |      |             |             |             |
|          | _                |         |              |  |                                       |      |             |             |             |
|          |                  |         | 1            |  |                                       |      | <del></del> |             |             |
|          | -                |         | -            |  | •                                     |      |             |             |             |
| •        |                  |         |              |  |                                       |      | • •         | •           |             |
| -        |                  |         | 37           | 10   |                                       |      |             | V2 - 80     | <del></del> |
|          | <del>.</del>     | 5       | 13-5         | 5/   | · -                                   |      | 9           |             |             |
|          |                  |         |              |  |                                       |      |             |             |             |
|          |                  |         |              |  |                                       |      |             |             |             |
|          |                  |         |              |  |                                       |      |             |             |             |
|          |                  |         |              |  |                                       |      |             |             |             |
|          |                  |         |              |  |                                       |      |             |             |             |
|          |                  |         |              |  |                                       |      |             |             |             |
|          |                  |         | 69           | -  | •                                     |      |             |             |             |
|          |                  |         |              | 8  |                                       |      |             |             |             |
|          |                  |         |              |  |                                       |      |             |             |             |
|          |                  |         |              |  | - E                                   |      |             |             |             |
|          |                  |         |              |  |                                       |      |             |             |             |

Purge data continued on next sheet?

Signature

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#### **GROUNDWATER SAMPLING FIELD DATA SHEET**

WELL ID: MW-36 Zone 3-Waterloo

| 1. PRO          | JECT INF                      | ORMA                            | NOITA           |                                   |                                    |                           |                |                    |                                |
|-----------------|-------------------------------|---------------------------------|-----------------|-----------------------------------|------------------------------------|---------------------------|----------------|--------------------|--------------------------------|
| Project         | Number: 13                    | 8670_                           | _ Task Nun      | nber: <u>100.0</u>                | <u>01</u>                          | Area of Con               | cern:          |                    |                                |
| Client:_        | Owens Cor                     | ning                            |                 |                                   |                                    | _Personnel:_              | B.s            |                    |                                |
| Project         | Location: An                  | derson,                         | South Ca        | rolina                            |                                    | _ Weather:_               | way ~          | 90°F               |                                |
| 2. WEL          | L DATA                        | V                               | Date Me         | easured: 🔏                        | -9-10                              | Time:                     | 14             | Tem                | porary Well:                   |
|                 | Diameter:                     |                                 | ches            |                                   |                                    |                           |                |                    | param, 110m 1100 param         |
| Screen          | Diameter:                     | <u>6</u> _in                    | ches            | ngth of water<br>(9093.1-Cun      | rent Dg readi                      | เเลนเดก:<br>ng)*0.02725)* | 2.3108) = Le   | ength of water     | r column (ft)                  |
| Samplin         | ng Interval:1                 | 80.2-192.                       | We<br>Zfeet     | eli Vol. calcula                  | ition:                             |                           |                |                    | vol of water in tubing(1/4")   |
| Depth to        | Static Water                  | 6426.5                          | feet            | =                                 | [18.36 gal - 2                     | 2.09 gai] + (0.           | 0102 x lengt   | h of water co      | lumn)                          |
| Depth to        | Product:                      |                                 | _feet           |                                   |                                    |                           |                |                    |                                |
| Length          | of Water Colu                 | mn:                             | _feet           | Well Volume                       | e:                                 | gal                       | Screened       | Interval (from     | GS):                           |
|                 |                               | <u> </u>                        |                 | Note: 1-in well                   | i = 0.041 gai/ft                   | 2-in well = 0.1           | 67 gal/ft 4-in | well = 0.667 g     | al/ft 6-in well = 1.469 gal/ft |
| 3. PUR          | GE DATA                       |                                 | Date Pu         | rged: <u></u> \$-                 | (1-10                              | _Time: <u>0</u> 9         | 10             |                    | Equipment Model(s)             |
| Purge M         | lethod: ☐ Ba                  | ailer, Size: _<br>itrifugal Pun | np 🛚 Perista    | ⊔ Bladder Pum<br>altic Pump  □ In | p  □ 2" Sub. F<br>ertial Lift Pump | Pump 🛄 4" Su<br>Other:    | b. Pump        | <u>الما</u> .1     | ateriss                        |
|                 | s: Pump/Baile                 | O Detect                        |                 |                                   |                                    | Other:                    |                | 2                  | (51-556                        |
| Material        | s: Rone/Tubin                 | _ <b>⊿</b> *Polyet              | hylene 🛚 Po     | lypropylene 🗆                     | Teflon® 🗅 N                        | vlon 🗆 Other:             |                | з. <u><b>О</b></u> | LT-15CE                        |
|                 | s: Rope/Tubin                 |                                 |                 |                                   |                                    |                           | able           | 4                  |                                |
|                 | to Purge (mini                |                                 |                 |                                   |                                    |                           |                |                    | Calibrated?                    |
| vvas we         | l purged dry?<br>Cum. Gallons |                                 | □ No<br>Temp    | Spec. Cond.                       | te:                                | gal/min                   | Tradition      |                    | Calibrated? Larves La          |
| Time            | Removed                       | · · ·                           | <u> </u>        |                                   |                                    | > of ±10% or              | Turbidity      | Water Level        | Comments                       |
|                 | (gal)                         | ±0.1 su                         | ±2°C            | ±10 µS/cm                         | ±20 mV                             | ±0.2 mg/L                 | ≤ 10 NTU       | 19                 |                                |
| 0924            | 0.02                          | 6.75                            | 20.92           | 1.213                             | 98.3                               | 5.96                      | 1.04           | 82150              |                                |
| 0935            | 0.05                          | 6.74                            | 22.33           | 1.233                             | 90.5                               | 6.18                      | 1.05           | 1247.0             |                                |
| 0940            | المحقق المحقود                | 677                             | 22.55           | 1.237                             | 87.5                               | 5.70                      | 1.00           | 8424.7             |                                |
| 0945            | 0.15                          | 6.78                            | 22.93           | 1.247                             | 84.1                               | 5.79                      | 0.75           | 8435.6             |                                |
| 0950            | 0.20                          | 6.79                            | 23.24           | 1.246                             | 127                                | 5.91                      | 0.50           | 8447.1             |                                |
|                 |                               |                                 |                 |                                   | , <u> </u>                         |                           | <i>U.</i>      |                    | a continued on next sheet?     |
| 4. SAMF         | PLING DA                      | TA                              |                 |                                   |                                    |                           |                |                    | hemical Analyses               |
| Method(s        | s): 🗆 Bail                    | ler, Size:                      | D Bodeteli      | Bladder Pump<br>ic Pump ☐ Ine     | 2" Sub. Pu                         | mp 🗆 4" Sub.              | Pump           |                    | ·                              |
| Materials       | : Pump/Bailer                 |                                 |                 |                                   | -                                  |                           | <del></del>    |                    | us Iron: mg/L                  |
|                 | •                             | ☐ Dedicat                       | ed LIPre        | epared Off-Site                   | ☐ Field-Clear                      | ned 🗆 Dispos              |                | DO:                | mg/L                           |
| Materials       | : Tubing/Rope                 | Dedicat                         | ed 🗆 Prepa      | red Off-Site                      | Field-Cleane                       | ion                       | ole            | Nitrate            | e: // mg/L                     |
| Depth to        | Water at Time                 | of Sampli                       | -               |                                   |                                    | ? □ Yes 🛭                 |                | Sulfat             | e/                             |
|                 |                               |                                 |                 | Sample T                          | ime: 1000                          | # of Contain              | ners:          | Alkali             | nity: [ mg/L                   |
|                 | Sample Colle                  |                                 | _               | `                                 |                                    | # of Contain              | ners:          |                    |                                |
| Equipme         | rit Blank Collec              | cted? 🗆 🔌                       | ∕es.∕⊒ No       | ID:                               |                                    | # of Contain              | ners:          |                    |                                |
| 5. COMN         | MENTS                         |                                 |                 |                                   |                                    |                           |                |                    |                                |
|                 |                               |                                 |                 |                                   |                                    |                           |                |                    |                                |
| V-4             |                               |                                 |                 |                                   |                                    |                           |                |                    |                                |
| vote: Include d | comments such                 | as well cond                    | lition, odor, p | resence of NAF                    | L, or other iten                   | ns not on the fie         | ld data sheet. |                    | evenes."                       |
|                 |                               |                                 |                 |                                   |                                    |                           |                |                    |                                |

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BROWN AND CALDWELL /ELLID: MW-36 Zone 3-Waterloo

| 3. PUR | GE DATA          | (contir | nued fror | n page _    | <b>5</b> )             |                           | · · · · · · |             |              |
|--------|------------------|---------|-----------|-------------|------------------------|---------------------------|-------------|-------------|--------------|
|        | Cum. Gallons     | рН      | Temp      | Spec. Cond. | ORP                    | DO                        | Turbidity   |             |              |
| Time   | Removed<br>(gal) | ±0.1 su | ±2°C      | ±10 µS/cm   | > of ±10% or<br>±20 mV | > of ±10% or<br>±0.2 mg/L | ≤ 10 NTU    | Water Level | Comments     |
| 0955   | 0.25<br>Collect  | 6.79    | 23.56     | 1.249       | 57.2                   | 6.05                      | 1.00        | 8445.8      |              |
| 1000   | (ollect          | ed S    | ample     |             |                        | İ                         |             |             |              |
|        |                  |         | 7         |             |                        |                           |             |             |              |
|        |                  |         |           |             |                        |                           |             |             |              |
|        |                  |         |           |             |                        |                           |             |             |              |
|        |                  | -       |           |             |                        |                           |             |             |              |
|        |                  |         |           |             |                        |                           |             |             |              |
|        |                  |         |           |             |                        | W.                        |             |             |              |
|        |                  |         |           |             |                        |                           |             |             |              |
|        |                  |         | -         |             | -                      |                           |             | -           |              |
|        |                  |         |           |             |                        |                           |             |             |              |
|        |                  |         |           |             |                        |                           |             |             | . *3         |
|        |                  |         |           | -           |                        |                           |             |             | 8            |
|        | 2                | -       |           |             |                        |                           |             |             |              |
|        |                  |         |           |             |                        | -                         |             |             |              |
|        |                  |         | -         |             |                        |                           | -           |             |              |
| 5      |                  | 6       |           |             |                        |                           |             | .           |              |
| Æ n    |                  |         |           | =(6)        |                        |                           |             | 5           |              |
|        |                  |         |           |             |                        |                           |             | -           |              |
| 000    |                  | _       |           |             |                        |                           |             |             |              |
| 58     |                  |         |           |             |                        | #1                        |             |             |              |
| 77     | 11               |         |           |             |                        | •                         |             |             |              |
|        |                  |         |           |             |                        |                           |             |             |              |
| et .   |                  |         |           |             |                        |                           |             |             |              |
|        |                  |         |           |             |                        | =                         |             |             | ·            |
|        |                  |         |           |             |                        | -                         | -           |             |              |
|        |                  |         |           |             |                        |                           |             |             |              |
|        |                  |         |           | =           |                        |                           |             |             |              |
|        |                  |         |           |             |                        |                           |             |             |              |
|        |                  |         |           |             |                        |                           |             |             | ·            |
|        |                  | +       |           |             | *                      |                           | _           | -           |              |
|        | -                |         |           |             |                        |                           |             |             | <del> </del> |
|        |                  |         |           |             |                        |                           |             |             |              |
|        |                  |         |           |             |                        |                           |             |             |              |

Signature

Purge data continued on next sheet?

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FORM GW-2 (Rev 25.Sept.08 - sej)

#### **GROUNDWATER SAMPLING FIELD DATA SHEET**

WELL ID: <u>MW-36 Zone 5-Waterloo</u>

|                        | · ·                        |                          |                       |                                       |                                   |                                 |               |                           |                                       |
|------------------------|----------------------------|--------------------------|-----------------------|---------------------------------------|-----------------------------------|---------------------------------|---------------|---------------------------|---------------------------------------|
| 1. PRO                 | JECT INF                   | ORMA                     | TION                  |                                       |                                   |                                 |               |                           |                                       |
| Project                | Number: <u>13</u>          | 8670                     | _Task Nun             | nber: <u>100.0</u>                    | 01                                | Area of Con                     | cern:         |                           | <del></del>                           |
| Client:_               | Owens Cor                  | ning                     |                       | · · · · · · · · · · · · · · · · · · · |                                   | _ Personnel:_                   | <u>Rs</u>     | ·                         |                                       |
| Project                | Location: An               | derson, S                | South Ca              | rolina                                |                                   | _Weather:                       | Simy          | 290°F                     |                                       |
| 2. WEL                 | L DATA                     |                          | Dáte Me               | easured: 🧏                            | 8-9-10                            | Time:                           | <u> </u>      | Tem                       | porary Well: □Yes □No                 |
| Casing                 | Diameter:                  | in                       | chee                  | gth of water c                        |                                   |                                 |               |                           | •                                     |
| Screen                 | Diameter:                  | <u>6</u> _in             | ches                  | (8843.2-Curre                         | ent Dg reading                    | g)*0.03897)*2                   | .3108) = Ler  | ngth of water             | column (ft)                           |
| Samplin                | g Intervall: 2             | 69.9-275                 | _feet                 | l Vol. calculat<br>1 well vol. = [    | vol sand inte                     | rval(6") - vol o                | f waterloo ca | asing (2")] + v           | ol of water in tubing(1/4")           |
| Depth to               | Static Water:              | 6073.0                   | feet                  | <sub>05</sub> = [                     | [7.49 gal - 0.8                   | 55 gal] + (0.01                 | 02 x length o | of water colun            | nn)                                   |
| Depth to               | Product:                   |                          | _feet                 |                                       |                                   |                                 |               |                           |                                       |
| Length o               | of Water Colum             | nn:                      | feet                  | Well Volume                           | e:                                | gal                             | Screened      | Interval (from            | GS):                                  |
| 0 5115                 |                            |                          | 4                     |                                       |                                   |                                 |               |                           | fft 6-in well = 1.469 gal/ft          |
|                        | GE DATA                    | ailer, Size: _           |                       |                                       |                                   |                                 |               |                           | Equipment Model(s)                    |
| Purge M                | lethod: Cen                | itrifugal Pum            | p 🗆 Perista           | Itic Pump 🔲 Inc                       | p 🔲 2" Sub. P<br>ertial Lift Pump | ump □ 4" Sut<br>□ 4" Other:     | o. Pump<br>   | م <u>ا</u> .1             | latios.                               |
| Material               | s: Pump/Bailer             | Polyeth                  | nylene 🛚 Sta          | ainless DPVC                          | ☐ Teflon® 1                       | 5 Other:                        |               | <sub>17</sub> 2. <u>·</u> | 31-556                                |
| Materials: Rope/Tubing |                            |                          |                       |                                       |                                   |                                 |               |                           |                                       |
|                        |                            | - Ur Dedica              | tea 😃 Prep            | ared Off-Site                         | ☐ Field-Cleane                    | ed 🗆 Disposa                    | ble           | 4                         |                                       |
|                        | to Purge (mini             | mum):<br>Yes             |                       |                                       |                                   | -                               |               |                           | Calibrated? PYes                      |
| vvas we                | l purged dry? Cum. Gallons |                          | Temp                  | Spec. Cond.                           | te:                               | gai/min                         | Turbidity     |                           | Tes u                                 |
| Time                   | Removed                    | ±0.1 su                  |                       | <u> </u>                              |                                   | > of ±10% or                    | -             | Water Level               | Comments                              |
|                        | (gal)                      | 1 44 4                   |                       | ±10 μS/cm                             | 1                                 | ±0.2 mg/L                       | ≤ 10 NTU      |                           |                                       |
| 1018                   | 0.02                       | 6.44                     | 20.87                 | 3.022                                 | 92.0                              | 5.37                            | 2.75          | 7165.5                    |                                       |
| 1023                   | 0.07                       | 6.50                     | 21.80                 | 3.025                                 | 92.6                              | 5.38                            | 2.60          | 7725.                     | 7                                     |
| わても                    | 0.10                       | 6.53                     | 12.49                 | 3.042                                 | 80.9                              | 5.39                            | 215           | 73065                     | -                                     |
| 1033                   | 0.15                       | 657                      | 21.98                 | 3.055                                 | -16.8                             | 5.35                            | 2.00          | 7457.9                    | ,                                     |
| 1038                   | 020                        | 659                      | 23.43                 | 3.058                                 | -31.5                             | 5.20                            | 1.59          | 7478.6                    |                                       |
|                        |                            |                          |                       |                                       |                                   |                                 |               |                           | a continued on next sheet?            |
| 4. SAMF                | LING DA                    | TA                       |                       |                                       |                                   |                                 | ·             | Geoch                     | nemical Analyses                      |
| Method(s               | s): 🔲 Baile<br>Centr       | er, Size:<br>ifugal Pump | Peristalti            | Bladder Pump<br>c Pump 🔲 Iner         | □ 2" Sub. Pur                     | mp □ 4" Sub.<br><b>2</b> Other: | Pump          | Ferrou                    | ıs Iron: mg/L                         |
| Materials              | : Pump/Bailer              |                          | lene 🗆 Stair          | nless D PVC pared Off-Site            | ☐ Teflon® ☐                       | Other:                          |               | DO:                       | mg/L                                  |
| Materials              | : Tubing/Rope,             | Polyethy                 | lene 🗆 Poly           | propvlene □T                          | eflon® □ Nvk                      | on 🗆 Other                      |               | Nitrate                   |                                       |
| Depth to               | Water at Time              | of Sampli                | na:                   | red Off-Site                          | Field Filtered                    | □ Disposabl                     |               | Sulfate                   | /                                     |
| Sample II              | MV-367                     | Sample Da                | ate: <b>&amp;-11-</b> | <br>(                                 | ime: 1215                         | # of Contain                    | _             | Alkalin                   |                                       |
|                        | Sample Colle               |                          |                       | ID:                                   |                                   | # of Contain                    |               |                           | , my/L                                |
| Equipmer               | nt Blank Collec            | ted? 🗆 Y                 |                       | ID:                                   |                                   | # of Contain                    |               |                           |                                       |
| 5. COMN                | MENTS                      |                          | · ·                   |                                       |                                   |                                 |               |                           |                                       |
|                        | _                          |                          |                       |                                       |                                   | <u> </u>                        |               |                           |                                       |
|                        |                            |                          |                       |                                       |                                   |                                 |               |                           | · · · · · · · · · · · · · · · · · · · |
| lote: Include c        | omments such as            | s well condit            | ion, odor, pre        | sence of NAPL,                        | or other items                    | not on the field                | data sheet.   |                           |                                       |
|                        |                            |                          |                       |                                       |                                   |                                 |               | 7                         | > <del></del>                         |

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BROWN AND CALDWELL ELLID: MW-36 Zone 5-Waterloo

1706 12 H

| 3 DI ID         | GE DATA      | /contin   | und from | ·                     |        |                      | <u> </u>  |              |          |
|-----------------|--------------|-----------|----------|-----------------------|--------|----------------------|-----------|--------------|----------|
| <u> </u>        | Cum. Gallons |           | Temp     | n page<br>Spec. Cond. | 000    |                      | T =       | <del> </del> |          |
| Time            | Removed      | · · · · · | · ·      | > of ±3% or           | ORP    | DO<br>r > of ±10% or | Turbidity | Water Level  | Comments |
|                 | (gal)        | ±0.1 su   | ±2°C     | ±10 μS/cm             | ±20 mV | ±0.2 mg/L            | ≤ 10 NTU  | Water Level  | Comments |
| 1047            | 0.25         | 6.61      | 23.97    |                       | -34.7  | 5.06                 | 215       | 7458.6       | <u> </u> |
| 1048            | 030          | 6.62      | 24.97    | 3067                  | -34.4  | 4.93                 | 2.00      | 7497.6       |          |
| 1058            | 0.40         | 6.65      | 25.37    | 3.075                 | -33.1  | 4.82                 | 1.75      | 7430.6       |          |
| 1108            | 0.50         | 6.68      | 26.10    |                       |        |                      | 2.15      | 7496         | 5-       |
| 1118            | 0.60         | 6.72      | 26.96    | 3.086                 | -75.0  | 4.55                 | 2.15      | 7497.4       | ,        |
| 1128            | 0.70         | 6.16      | 27.47    | 3.087                 | - 76.5 | 4.41                 | 215       | 74906        |          |
| 1138            | 0.80         | 6.80      | 27.92    | 3.05                  | -28.9  | 4.08                 | 2.15      | 79906        | 1        |
| 1148            | 0.90         | 6.84      | 28.30    | 3.080                 | -26.8  | 3.99                 | 2.10      | 7490.6       | 13       |
| 1158            | 1.25         | 6.87      | 28.75    | 3074                  | -73-7  | 4.30                 | 2.16      | 7495.7       |          |
| <b>E</b>        | 1.50         | 6.91      | 29.24    |                       |        | 3.97                 |           | 7493.7       |          |
| <del>1111</del> | 1.55         | 6.91      | 29.38    | 3072                  | 72.4   | 3.85                 | 2.16      | 7495.7       | sel p    |
| M               |              |           | ŭ!       |                       |        |                      |           |              | 1967     |
| 215             | Colled       | ed 8      | unpl.    |                       |        |                      |           |              |          |
|                 |              |           | <i>y</i> |                       | E1.    |                      |           |              |          |
|                 | ß            |           |          | ¥                     | s      |                      | _         |              | 27       |
|                 |              | 8         |          | 8                     |        |                      |           |              |          |
|                 |              |           | £        |                       |        |                      |           |              |          |
|                 |              |           |          |                       |        |                      |           | 2            |          |
|                 |              | 7         |          |                       |        |                      |           |              |          |
|                 |              |           |          |                       |        |                      |           |              |          |
|                 |              |           |          |                       |        |                      |           |              |          |
|                 |              |           |          |                       |        |                      |           |              |          |
|                 |              |           |          |                       |        |                      |           |              |          |
|                 |              | 22 5      |          |                       |        |                      |           |              |          |
|                 |              |           |          |                       |        |                      |           |              |          |
|                 |              |           |          |                       |        |                      |           |              |          |
|                 |              | ñ         |          |                       |        |                      |           |              |          |
|                 |              |           | 31       |                       |        |                      |           |              |          |

Purge data continued on next sheet?

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### **GROUNDWATER SAMPLING FIELD DATA SHEET**

WELL ID: MW-37 Zone 1

|   |   | OKW   | NOITA   |  |   |                        |                  |   | <u> </u>                                  |
|---|---|---|---|--|---|------------------------|------------------|---|---|
|   | oject Number: <u>13</u>   | 8670  | _ Task Nur  | mber: <u>100.0</u>   | 01  | Area of Con            | cern:            |   |   |
| Clic  | ent: Owens Cor  |   |   |  |   |                        | _                |   |   |
| Pro   | oject Location: <u>An</u>   | derson,   | South Ca  | rolina   | <del></del>   | _ Weather:             | SUMY N           | 75%                                     |   |
| 2. W  | /ELL DATA   |   | Date M  | easured: <b>f</b>  | -A-10   | Time: 🏄                | <u>~</u>         | Tom                                     | porary Well: □Yes ÆNo                     |
| Ca  | sing Diameter:  |   |   |  |   | s 🗎 Galv. Stee         |                  |   |   |
| Sci   | reen Diameter:  | ir  | ches  |  |   | s □ Galv. Stee         |                  |   | <del>-</del>                              |
| Tot   | tal Depth of Well:_   | 195   | _feet   | ,  |   |                        |                  |   | Other:                                    |
| De  | pth to Static Water   | 20.79   | _feef   |  |   |                        |                  |   | Other:                                    |
| De  | pth to Product:   | <u> </u>  | _feet :   | From: 🗆 To   | op of Well Casi   | ng (TOC) · 🗖           | Top of Protecti  | ve Casing · □                           | Other:                                    |
| Leŗ   | ngth of Water Colu  | mn:   | _feet   |  |   | gal                    |                  | nterval (from                           | GS):                                      |
|   | <i>5</i>  |   |   |  |   |                        | 67 gal/ft 4-in w | vell = 0.667 gal                        | /ft 6-in well = 1.469 gal/ft              |
| 3. Pl   | JRGE DATA   |   | Date Pu   | ırged: 💇 (   | 10-10   | _Time: <u>0</u>        | 39               |   | Equipment Model(s)                        |
| Pur   | rge Method: ☐ Ba  | ailer, Size: _<br>ntrifugal Pun                                     | np 🗆 Perista  | □ Bladder Pum <sub>l</sub><br>altic Pump □ Ind   | p 🚨 2" Sub. P<br>ertial Lift Pump                                   | ump 🔲 4" Sut           | o. Pump          | 1. <b>3</b> (                           | alde pmp                                  |
| ľ   | terials: Pump/Baile   |   | hylene 🛚 St   | ainless  PVC repared Off-Site  | ☐ Teflon® (   | ☐ Other:               |                  | 2                                       | degan dip                                 |
| Mat   | terials: Rope/Tubin   | _ □ Polyeti   | hvlene 🗆 Po   | lypropylene 🗆  | Teflon® □ N   | vlon □ Other:          |                  | 3. <b>[(5</b> )                         | 1-554                                     |
| j   |   | Dedica  | ated Dereg  | pared Off-Site   | ☐ Field-Cleane  | ed 🗆 Disposa           | ble              | 4.                                      | 127-54                                    |
|   | ume to Purge (mini<br>s well purged dry?  |   | well \<br>D No  |  |   | -                      |                  | ******                                  | Calibrated?                               |
| VVa   | Cum. Gallons  | T   | Temp  | Spec. Cond.  | te:   | gal/min                | Turbidity        | <del></del>                             | Cambrated: ya res                         |
| Time  |   | ±0.1 su   | <del> </del>  | <u> </u>   |   | > of ±10% or ±0.2 mg/L | <u> </u>         | Water Level                             | Comments                                  |
| 0756  | 0.05  | 7.01  | 21.15   |  | -167.7  | 2.34                   | 5.56             | 22.0'                                   |   |
| Blo   | 0.10  | 7.02  | 21.11   | 0.780  | -201.0  | 1.07                   | 8.63             | 25.20                                   |   |
| 925   | 0.15  | 7.09  | 21.49   | 0.780  | -2015   | 0.79                   | 7.15             | 25.50                                   |   |
| 0835  | 0.70  | 7.09  | 21.42   | 0.779  | -184.9  | 0.70                   | 7.00             | 25.55                                   | ,   |
| 0845  | 0.30  | 7.10  | 21.43   | 0.780  | -1784   | 0.65                   | 8.15             | 25.30'                                  |   |
|   |   |   |   |  |   | <del>-</del>           |                  |   | a continued on next sheet?                |
| A CA  | MPLING DA   | TA  | . 7/v A   | •  |   |                        |                  | Geoch                                   | nemical Analyses                          |
| 4. 5A   | adia). 🗆 Bail   | ler, Size: 📿  | <u>ر ۲۳</u>   | Bladder Pump   | ☐ 2" Sub. Pur   | mp 🚨 4" Sub.           | Pump             | _                                       | us iron: mg/L                             |
|   | nod(s):   | ifugal Pump   | ) 🗀 Peristalt   |  |   | □ Other:               |                  | : Ferroi                                |   |
| Meth  | nod(s): Centrerials: Pump/Bailer  | rifugal Pump  Polyethy  | /lene <b>⊿r</b> Staii   | nless DPVC (   | ☐ Teflon® ☐   | Other:                 |                  |   |   |
| Meth<br>Mate  | erials: Pump/Bailer   | rifugal Pump  ☐ Polyethy ☐ Dedicate                                 | rlene <b>⊘r</b> Stair<br>ed □ Pre   | nless 🛭 PVC (<br>pared Off-Site  | ☐ Teflon® ☐<br>☑∕Field-Clean  | Other:<br>led          | able             | DO:                                     | mg/L                                      |
| Meth<br>Mate  | Centr   | rifugal Pump  Polyethy  Dedicate  Polyethy                          | /lene <b>⊘</b> Stail<br>ed □ Pre  | nless 🛭 PVC (<br>pared Off-Site  | ☐ Teflon® ☐<br>☐Field-Clean<br>eflon® ☐ Nyld                        | Other:                 |                  |   |   |
| Meth<br>Mate<br>Mate                                    | erials: Pump/Bailer erials: Tubing/Rope   | Polyethy Polyethy Polyethy Polyethy Dedicate                        | vlene   | nless PVC ( pared Off-Site propylene Tred Off-Site   | ☐ Teflon® ☐ ☐Field-Clean eflon® ☐ Nylo I Field-Cleaned              | Other:<br>led          | e                | DO:                                     | mg/L                                      |
| Meth<br>Mate<br>Mate<br>Depti<br>Sami                   | erials: Pump/Bailer erials: Tubing/Rope th to Water at Time ple ID: MU-33-7   | ifugal Pump Polyethy Dedicate Polyethy Dedicate of Sampli Sample Da | vlene   | nless □ PVC to pared Off-Site propylene □ T red Off-Site □ to propylene □ T red Off-Site □ to propylene □ T to propylene T to propylene □ T to | ☐ Teflon® ☐ ☐Field-Clean eflon® ☐ Nylo I Field-Cleaned              | Other:<br>led          | e No             | DO:<br>Nitrate                          | mg/L ==================================== |
| Meth<br>Mate<br>Mate<br>Depti<br>Samp                   | erials: Pump/Bailer erials: Tubing/Rope th to Water at Time ple ID: MU-33-7 icate Sample Colle                      | Polyethy Dedicate Polyethy Dedicate Sampli Sample Da                | vlene ☑ Staii ed ☐ Pre vlene ☐ Poly ed ☐ Prepa ng: ate: ※ · l J · vles ☑ No | nless PVC (ppared Off-Site propylene Treed Off-Site December 10:   | ☐ Teflon® ☐ ☐Field-Clean eflon® ☐ Nylo I Field-Cleaned              | Other:                 | e  No ners: Z    | DO:<br>Nitrate<br>Sulfate               | mg/L<br>mg/L<br>mg/L                      |
| Meth<br>Mate<br>Mate<br>Depti<br>Samp                   | erials: Pump/Bailer erials: Tubing/Rope th to Water at Time ple ID: MU-33-7   | Polyethy Dedicate Polyethy Dedicate Sampli Sample Da                | vlene ☑ Staii ed ☐ Pre vlene ☐ Poly ed ☐ Prepa ng: ate: ※ · l J · vles ☑ No | nless □ PVC to pared Off-Site propylene □ T red Off-Site □ to propylene □ T red Off-Site □ to propylene □ T to propylene T to propylene □ T to | ☐ Teflon® ☐ ☐Field-Clean eflon® ☐ Nylo I Field-Cleaned              | Other:                 | e  No ners: Z    | DO:<br>Nitrate<br>Sulfate               | mg/L<br>mg/L<br>mg/L                      |
| Meth<br>Mate<br>Mate<br>Depti<br>Samp<br>Dupli<br>Equip | erials: Pump/Bailer erials: Tubing/Rope th to Water at Time ple ID: MU-33-7 icate Sample Colle                      | Polyethy Dedicate Polyethy Dedicate Sampli Sample Da                | vlene ☑ Staii ed ☐ Pre vlene ☐ Poly ed ☐ Prepa ng: ate: ※ · l J · vles ☑ No | nless PVC (ppared Off-Site propylene Tred Off-Site December 10:  | Teflon® □ Prield-Clean eflon® □ Nylo I Field-Cleaned Field Filtered | Other:                 | e No ners: Z     | DO:<br>Nitrate<br>Sulfate<br>—— Alkaliń | mg/L mg/L mg/L mg/L mg/L mg/L             |
| Meth<br>Mate<br>Mate<br>Depti<br>Samp<br>Dupli<br>Equip | erials: Pump/Bailer erials: Tubing/Rope th to Water at Time ple ID: MU-33-3 icate Sample Collepment Blank Collected | Polyethy Dedicate Polyethy Dedicate Sample Day Coted?  Y            | vlene   | nless PVC (pared Off-Site propylene Treed Off-Site   | Teflon® □ Prield-Clean eflon® □ Nylo I Field-Cleaned Field Filtered | Other:                 | e  No ners: Z    | DO:<br>Nitrate<br>Sulfate<br>—— Alkaliń | mg/L mg/L mg/L mg/L mg/L mg/L             |
| Meth<br>Mate<br>Mate<br>Depti<br>Samp<br>Dupli<br>Equip | erials: Pump/Bailer erials: Tubing/Rope th to Water at Time ple ID: MU-31-7 icate Sample Collepment Blank Collect   | Polyethy Dedicate of Sample Datected?                               | viene  Pstaied  Previene  Polydd  Prepa                                     | nless PVC (pared Off-Site propylene Tred Off-Site Discounty)  L Sample Ti  ID:   | Teflon® □ PField-Clean eflon® □ Nylo I Field-Cleaned Field Filtered | Other:                 | e No ners: Z     | DO:<br>Nitrate<br>Sulfate<br>—— Alkaliń | mg/L mg/L mg/L mg/L mg/L mg/L             |
| Meth<br>Mate<br>Mate<br>Depti<br>Samp<br>Dupli<br>Equip | erials: Pump/Bailer erials: Tubing/Rope th to Water at Time ple ID: MU-33-3 icate Sample Collepment Blank Collected | Polyethy Dedicate of Sample Datected?                               | viene  Pstaied  Previene  Polydd  Prepa                                     | nless PVC (pared Off-Site propylene Tred Off-Site Discounty)  L Sample Ti  ID:   | Teflon® □ PField-Clean eflon® □ Nylo I Field-Cleaned Field Filtered | Other:                 | e No ners: Z     | DO:<br>Nitrate<br>Sulfate<br>—— Alkaliń | mg/L mg/L mg/L mg/L mg/L mg/L mg/L        |

Page \_\_\_\_\_ of \_\_\_\_

#### **GROUNDWATER SAMPLING FIELD DATA SHEET**

WELL ID: MW-37 Zone 1

| ). FUN   | GE DATA                 |         | ued from |                          | )                      |                           |           |             | <u></u>    |
|----------|-------------------------|---------|----------|--------------------------|------------------------|---------------------------|-----------|-------------|------------|
| Time     | Cum. Gallons<br>Removed | pН      | Temp     | Spec. Cond.              | ORP                    | DO                        | Turbidity |             |            |
| Time     | (gal)                   | ±0.1 su | ±2°C     | > of ±3% or<br>±10 µS/cm | > of ±10% or<br>±20 mV | > of ±10% or<br>±0.2 mg/L | ≤ 10 NTU  | Water Level | Comments   |
| 855      | 0.35                    | 7.11    | 22.17    | 0.780                    | 173.0                  | 0.57                      | 8.02      | 25.53       |            |
| 7905     | 0.40                    | 7.17    | 22.76    | 0.792                    | -177.3                 | 0.61                      | 7,99      | 25.93       |            |
| 0915     |                         | 7.8     | 22.19    | 0.802                    | -175.7                 | 0.62                      | 8.15      | 16.05       | ,          |
| 915      | 0.50                    | 7.16    | 22.93    | 0.807                    | - 201.9                | 0.45                      |           | 30.32       | ,          |
| 2935     |                         |         | 21.47    | 0.809                    | -230.6                 | 0.35                      | 7.29      | 32.251      |            |
| <u> </u> | Collect                 | J .SC   | mple.    | purque                   |                        | 2 hour                    | fo .      |             |            |
|          |                         |         |          | , ,                      |                        |                           |           |             | ä          |
|          |                         |         |          |                          |                        |                           |           |             | •          |
|          |                         |         |          |                          |                        |                           |           |             |            |
|          |                         |         |          |                          |                        |                           | 12        |             | 9          |
|          |                         |         |          |                          |                        |                           |           |             |            |
|          |                         |         |          |                          |                        |                           |           |             |            |
|          |                         |         |          |                          |                        |                           |           |             |            |
|          |                         |         |          |                          |                        |                           |           |             |            |
|          |                         |         |          |                          |                        |                           |           |             |            |
|          | P                       |         |          | •                        | 3 3                    |                           |           |             |            |
|          |                         | -       | 5        |                          | -                      | · ·                       |           |             |            |
| 9,       |                         |         |          |                          | 100                    |                           |           |             |            |
|          | -                       | _       |          |                          |                        |                           |           |             |            |
|          |                         |         |          |                          | - 01                   |                           |           | -2          |            |
|          |                         |         |          |                          |                        |                           |           |             |            |
|          |                         |         |          |                          |                        |                           |           | #           |            |
|          |                         |         |          |                          |                        |                           |           |             |            |
|          |                         | 8       |          |                          | T .                    |                           |           |             |            |
| -        |                         |         |          | •                        |                        |                           |           |             |            |
|          |                         | 12      |          |                          |                        |                           | e 11      | 4           | 3 <b>.</b> |
|          |                         | W1      |          | 9                        |                        |                           |           |             |            |
|          |                         |         |          |                          |                        |                           |           |             |            |

Purge data continued on next sheet?  $\ \square$ 

Signature
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| FORM GW-2 | (Rev 25.Sept.08 - sej |
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FORM GW-2 (Rev 25.Sept.08 - sej)

### **GROUNDWATER SAMPLING FIELD DATA SHEET**

WELL ID: MW-37 Zone 2

| 1 DDO  | VECT INF                | ODMA               | TION                       |                                 |                             |                                       |             |                                    |                                      |
|--|-------------------------|--------------------|----------------------------|---------------------------------|-----------------------------|---------------------------------------|-------------|------------------------------------|--------------------------------------|
|  | JECT INF                |                    |                            | . 400.0                         | 0.4                         |                                       |             |                                    |                                      |
|  | Number: 13<br>Owens Cor | _                  |                            |                                 |                             |                                       | _           |                                    | <del></del>                          |
|  | Location: An            |                    |                            |                                 |                             | _ Personnel:_                         |             | 1 9.0%                             |                                      |
|  |                         | <u> </u>           |                            |                                 |                             | _ Weather:                            | <del></del> |                                    |                                      |
|  | L DATA                  |                    |                            |                                 |                             |                                       |             |                                    | porary Well: QYes ANO                |
| 10   | Diameter:               |                    |                            |                                 |                             | s 🗖 Galv. Stee                        | •           |                                    |                                      |
|  | Diameter:               |                    |                            |                                 |                             | s 🗆 Galv. Stee                        |             |                                    |                                      |
|  | epth of Well:           | 4 - 4              |                            |                                 |                             |                                       |             |                                    | Other:                               |
|  | o Static Water:         | 1 <del>7.87</del>  | _                          |                                 |                             |                                       |             |                                    | Other:                               |
| Depth to Product:feet From: □ Top of Well Casing (TOC) □ Top of Protective Casing □ Other:  Length of Water Column:feet Well Volume:gal Screened Interval (from GS): |                         |                    |                            |                                 |                             |                                       |             |                                    |                                      |
| Lengin   | or water Colur          | nn:                | _теет                      |                                 |                             |                                       |             | Interval (from<br>vell = 0.667 gal | GS):<br>/ft 6-in well = 1.469 gal/ft |
|  | GE DATA                 |                    | Date Pu                    | raed: RJ                        | 0-10                        | Time: 100                             | 26          |                                    | Equipment Model(s)                   |
| Purge M  | /lethod: ☐ Ba           | niler, Size:       | 3(4 11 A                   | Bladder Pump                    | 0 □ 2" Sub. P               | ump 🗖 4" Sub                          | o. Pump     |                                    | Calde juy                            |
|  | ls: Pump/Baile          |                    | hylene Z Sta               | ainless DPVC                    | ☐ Teflon® (                 | Other:                                |             |                                    | 181-556                              |
| ı  |                         | ■ Dedica           | ited DP                    | repared Off-Site                | Field-Clea                  | aned 🛭 Dispo                          | sable       |                                    | PR7-15CE                             |
| Material   | ls: Rope/Tubing         | Polyeth Dedica     | nylene □ Po<br>ited □ Prep | lypropylene   ared Off-Site     | Teflon® □ Ny □ Field-Cleane | ylon ☐ Other:_<br>ed ☐ Disposa        | bie         |                                    |                                      |
| Volume   | to Purge (mini          | mum):              | well v                     | olumes or                       |                             | gallons                               |             | 4. <u>1</u>                        | en- differ                           |
| Was we   | ll purged dry?          | ☐ Yes              | □ No                       | Pumping Rat                     | te:                         | gal/min                               |             |                                    | Calibrated? Z Yes                    |
| Time   | Cum. Gallons<br>Removed | pН                 | Temp                       | Spec. Cond.                     | ORP                         | DO                                    | Turbidity   | Mater I avail                      | -                                    |
|  | (gal)                   | ±0.1 su            | ±2°C                       | > of ±3% or<br>±10 µS/cm        | > of ±10% or<br>±20 mV      | > of ±10% or<br>±0.2 mg/L             | ≤ 10 NTU    | Water Level                        | Comments                             |
| 1018   | 0.05                    | 9.59               | 22.20                      | 0.184                           | -94.1                       | 1.94                                  | 4.21        | 17.50                              | 11                                   |
| 1028   | 0.10                    | 986                | 11.07                      | 0.701                           | -111.5                      | 1.42                                  | 3.75        | 17.50                              | 84                                   |
| 1038   | 0.15                    | 9.95               | 21.89                      | 0.210                           | -119.5                      | 1.16                                  | 300         | 17.501                             | : •0                                 |
| १०५८   | 0.75                    | 10.05              | 21.64                      | 0.219                           | -129.9                      | 0.88                                  | 2,00        | 17.60                              |                                      |
| 105p   | 0.35                    | 0.08               | 21.61                      | 0.827                           | -135.9                      | 0.73                                  | 1.50        | 17.801                             |                                      |
|  |                         |                    | <u> </u>                   |                                 |                             | 7.5                                   |             |                                    | a continued on next sheet?           |
| 4. SAMF  | PLING DA                |                    | ,, ()                      |                                 |                             |                                       |             |                                    | nemical Analyses                     |
| Method(s   | s): 🔲 Baile             | er, Size: <u> </u> | <u>। ५</u><br>□ Peristalti | Bladder Pump<br>ic Pump 🏻 Iner  | →□ 2" Sub. Pur              | mp □ 4" Sub. I                        | Pump        |                                    | ıs Iron: mg/L                        |
| Materials  | s: Pump/Bailer          |                    | rlene 🗗 Stair              | niess 🗆 PVC (                   | ☐ Teflon® ☐                 | Other:                                |             | DO:                                | mg/L                                 |
| Materials  | : Tubing/Rope           | -Polyethy          | iene 🗆 Poly                | pared Off-Site<br>propylene 🚨 T | eflon® 🗆 Nvid               | on DOther                             | able        | Nitrate                            | \                                    |
|  | Water at Time           | □ Dedicate         | ed 🗆 Prepa                 | red Off-Site                    | l Field-Cleaned             | □*Disposabl                           |             | Sulfate                            | χ                                    |
|  | Z                       | ene z              |                            | Sample Ti                       | Field Filtered              | ?  □   Yes <b>z</b><br>_ # of Contain | 7           |                                    | /                                    |
| •  | Sample Colle            |                    | Nº .                       |                                 | ime. <u>CL(O</u>            | # of Contain<br># of Contain          |             | Alkalin                            | ity: 'mg/L                           |
|  | nt Blank Collec         |                    |                            | ID:                             |                             | # of Contain                          |             | <del></del>                        |                                      |
| 5. COMN  | /ENTS                   | 0 A                | 141 16                     |                                 | . 100/                      |                                       |             |                                    |                                      |
| . COIVIII  | ME1410 _                | KNIM               | MAKE                       | <u>at</u>                       | ~ 100'                      |                                       |             |                                    |                                      |
|  |                         |                    |                            |                                 |                             |                                       | -           |                                    |                                      |
| ote: Include c   | omments such as         | s well conditi     | ion, odor, pre             | sence of NAPL,                  | or other items              | not on the field o                    | data sheet. |                                    |                                      |
|  |                         |                    |                            |                                 |                             |                                       |             |                                    |                                      |

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## **GROUNDWATER SAMPLING FIELD DATA SHEET**

| WELL ID: | MW-37 Zone 2 |
|----------|--------------|
| VVLLLID. |              |

| 2 DIID | OF DATA                          | <del>,</del>  | 1.5          |                       |                               |                                 |                       |             |                  |
|--------|----------------------------------|---------------|--------------|-----------------------|-------------------------------|---------------------------------|-----------------------|-------------|------------------|
| 3. PUR | GE DATA                          |               | ued fror     |                       | )                             |                                 |                       |             |                  |
| Time   | Cum. Gallons<br>Removed<br>(gal) | pH<br>±0.1 su | Temp<br>±2°C | > of ±3% or ±10 µS/cm | ORP<br>> of ±10% or<br>±20 mV | DO<br>> of ±10% or<br>±0.2 mg/L | Turbidity<br>≤ 10 NTU | Water Level | Comments         |
| 1108   | GESOTS                           | 10.13         | 21.63        | 0.774                 | -141.6                        | 0.68                            | 0.75                  | 17.55       |                  |
| 1118   | 1.00                             | 10.17         | 21.72        | 0.716                 | - 146.8                       | 0.64                            | 1.75                  | 17.551      | 3 1              |
| 1128   |                                  | 10.72         | 21.86        | 0.118                 | -152.2                        | 0.60                            | 1.00                  | 17.55       |                  |
| 1138   | 1.15                             | 10.23         | 21.85        | 0.232                 | - 152.7                       | 0.57                            | 1.05                  | 1755-       | tr               |
| 148    | 1.25                             | 10.34         | 22.09        | 0.240                 | -158.8                        | 0.51                            | 1.00                  | 17.53-1     |                  |
| 1158   | -                                | 10.43         | 22.05        |                       | -154.0                        | 0.50                            |                       | 17.5%       |                  |
| 1206   |                                  |               | 22.21        | 0.275                 | -1570                         | 0.48                            | 1.00                  | 17.551      |                  |
| १२१०   | Collectes                        | 1 san         | yple_        |                       |                               |                                 |                       |             |                  |
|        |                                  |               |              |                       |                               |                                 |                       |             |                  |
|        |                                  |               |              |                       |                               |                                 |                       |             |                  |
|        |                                  |               |              |                       |                               |                                 |                       |             |                  |
|        |                                  |               |              |                       |                               |                                 |                       |             | 20 172           |
|        |                                  |               |              |                       |                               |                                 |                       |             |                  |
|        |                                  |               |              |                       | -                             | 3                               |                       | f           |                  |
|        |                                  |               |              |                       |                               |                                 |                       |             |                  |
|        |                                  |               |              |                       |                               |                                 |                       |             |                  |
|        |                                  |               |              |                       |                               |                                 |                       |             |                  |
| ,      |                                  |               |              |                       |                               | ·                               |                       |             | 197 3457 119,000 |
| _      |                                  |               |              |                       |                               |                                 |                       |             |                  |
|        |                                  |               |              |                       |                               |                                 |                       |             | 50 36 365        |
|        |                                  |               |              |                       |                               |                                 |                       |             |                  |
|        |                                  |               |              |                       |                               |                                 |                       |             | 20 10 00         |
|        |                                  |               |              |                       |                               |                                 |                       |             |                  |
|        |                                  |               |              |                       |                               |                                 |                       |             |                  |
|        | •                                |               |              |                       |                               |                                 |                       |             |                  |
|        |                                  |               |              |                       |                               |                                 |                       |             | × × × × ×        |
|        |                                  |               |              |                       |                               |                                 |                       |             |                  |
|        |                                  |               |              |                       |                               |                                 |                       |             |                  |

Signature

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#### **GROUNDWATER SAMPLING FIELD DATA SHEET**

WELL ID: MW-37 Zone 3

| 1 DBO           | JECT INF                         | ODMA           | TION                       | ··- <u>-</u>                    | <u> </u>                       |                                      |                 |  |                                      |
|-----------------|----------------------------------|----------------|----------------------------|---------------------------------|--------------------------------|--------------------------------------|-----------------|--|--------------------------------------|
|                 |                                  |                |                            | .h 100 00                       | 34                             |                                      |                 |  |                                      |
|                 | Number: <u>138</u><br>Owens Corr |                |                            |                                 |                                | Area of Cond<br>Personnel:           |                 |  |                                      |
|                 | Location: And                    |                |                            |                                 |                                |                                      |                 | 100°F                                    |                                      |
|                 |                                  |                |                            |                                 |                                |                                      |                 |  |                                      |
|                 | L DATA                           | •              |                            |                                 |                                |                                      | -               | -  | oorary Well: □Yes ☑No                |
| 10 ag           | Diameter:                        |                |                            |                                 | ·                              | s 🛘 Galv. Stee                       |                 |  |                                      |
| +1              | Diameter:                        |                |                            |                                 |                                | s 🔲 Galv. Stee                       |                 |  |                                      |
|                 | epth of Well:                    |                | -                          | /                               |                                |                                      |                 |  | Other:                               |
|                 | Static Water:                    | _              |                            |                                 |                                |                                      |                 |  | Other:                               |
| -               | Product:                         |                | -                          |                                 |                                |                                      |                 |  | Other:                               |
| Length o        | of Water Colum                   | nn:            | _feet                      |                                 |                                | gal<br>2-in well = 0.16              |                 | nterval (from<br><i>rell = 0.667 gal</i> | GS):<br>/ft 6-in well = 1.469 gal/ft |
| 3. PUR          | GE DATA                          |                | Date Pu                    |                                 |                                | Time: 13                             |                 |  | Equipment Model(s)                   |
|                 | lethod: Gent                     |                | 14 "                       | Bladder Pump                    | 2" Sub. P                      | ump                                  | . Pump          |  | adde Amp                             |
|                 |                                  | O Dobroth      |                            | itic Pump ⊔ Ine<br>inless □ PVC |                                |                                      |                 |  | 151-556                              |
| Material        | s: Pump/Bailer                   | ☐ Dedica       | ted 🚨 Pi                   | epared Off-Site                 | ∠ Field-Clea                   | aned Dispos                          |                 |  | -                                    |
| Material        | s: Rope/Tubing                   | Polyeth Dedica | nylene □ Po<br>ted □ Prep  | lypropylene  ared Off-Site      | Teflon® □ Ny □ Field-Cleane    | ylon □ Other:_<br>ed ☑ Disposal      | ble             |  | 197-156                              |
| Volume          | to Purge (mini                   | mum):          | well v                     | olumes or                       |                                | gallons                              |                 | 4  | 4000 oigh                            |
| Was we          | I purged dry?                    | ☐ Yes          | □ No                       | Pumping Rat                     | te:                            | gal/min                              |                 |  | Calibrated?                          |
| Time            | Cum. Gallons<br>Removed          | рН             | Temp                       | Spec. Cond.                     |                                | DO                                   | Turbidity       | 10/242211                                | 0                                    |
| Time            | (gal)                            | ±0.1 su        | ±2°C                       | > of ±3% or<br>±10 µS/cm        | > of ±10% or<br>±20 mV         | > of ±10% or<br>±0.2 mg/L            | ≤ 10 NTU        | Water Level                              | Comments                             |
| 1348            | 0.05                             | 7.07           | 26.49                      | 0.204                           | -74.4                          | 1.75                                 | 5.a.            | 20.35'                                   |                                      |
| 1358            | 0.15                             | 6.99           | 15.50                      | 0.202                           | -72.7                          | 1.20                                 | 4.69            | 23.60                                    |                                      |
| 1408            | 0.75                             | 6.81           | 24.87                      | 0.201                           | -61.8                          | 0.88                                 | 3.15            | 27.30'                                   |                                      |
| 1418            |                                  | 6.81           | 24,79                      | 0.201                           | -71.7                          | 0.74                                 |                 | 30.00                                    |                                      |
| 1428            |                                  | 6.99           | 15.78                      | a 201                           | -87.2                          |                                      | 2.15            | 33.3'                                    |                                      |
|                 | 0.50                             | V. / 1         | - 5.4                      |                                 |                                |                                      |                 |  | a continued on next sheet?           |
| 4. SAMF         | PLING DA                         | TA             | , , , ,                    | ٠,                              |                                |                                      |                 | Geoc                                     | hemical Analyses                     |
| Method(s        |                                  |                | <b>4</b>                   | Bladder Pump<br>ic Pump 🛚 Inei  | 2" Sub. Pu                     | mp 🚨 4" Sub.                         | Pump            | Ferro                                    | us Iron: mg/L                        |
| Materials       | : Pump/Bailer                    | □ Polyethy     | /lene <b>≧∕S</b> tai       | nless 🗆 PVC                     | ☐ Teflon® ☐                    | Other:                               |                 | DO:                                      |                                      |
|                 | , i                              | ☐ Dedicate     |                            | pared Off-Site                  | -                              | •                                    | able            |  | mg/L                                 |
| Materials       | : Tubing/Rope                    | Dedicate       | riene ⊔ Poly<br>ed □ Prepa | propylene 🚨 Tured Off-Site      | enon® ⊔ Nyl<br>⊒ Field-Cleaned | on □ Other:<br>d □ <b>D</b> isposabl | le              | Nitrate                                  | mg/L                                 |
| Depth to        | Water at Time                    | 7              | •                          | _                               |                                | l? □ Yes Æ                           | -               | Sulfat                                   | e mg/L                               |
| Sample I        | D: MANA                          | Sample Da      |                            |                                 |                                | D # of Contain                       | ners:_ <b>Z</b> | Alƙalir                                  | nity: mg/L =                         |
| *               | Sample Colle                     |                | _                          | <u></u>                         | <u> </u>                       |                                      |                 | —- <b> </b>                              |                                      |
| Equipme         | nt Blank Collec                  | cted? □ `      | ∕es ZÍ No                  | ID:                             | <del></del>                    | # of Contair                         | ners:           |  |                                      |
| 5. COM          | MENTS                            | Pri            | no mi                      | all ct                          | ~ 80                           | 84                                   |                 |  |                                      |
|                 |                                  |                | ·                          |                                 |                                |                                      |                 |  |                                      |
|                 |                                  |                | =                          |                                 |                                |                                      |                 |  |                                      |
| Vote: Include d | comments such a                  | s well condi   | tion, odor, pre            | esence of NAPL                  | , or other items               | not on the field                     | data sheet.     | 7  |                                      |
|                 |                                  |                |                            |                                 |                                |                                      |                 |  |                                      |

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#### **GROUNDWATER SAMPLING FIELD DATA SHEET**

| WELL ID: | MW-37 Zone 3     |  |
|----------|------------------|--|
| VVELLID. | IVIVV-3/ ZUITE 3 |  |

|        | Cum. Gallons     | pН      | ued from | Spec. Cond. | ORP      | DO                        | Turbidity |             |          |
|--------|------------------|---------|----------|-------------|----------|---------------------------|-----------|-------------|----------|
| Time   | Removed<br>(gal) | ±0.1 su | ±2°C     | 4           |          | > of ±10% or<br>±0.2 mg/L | ≤ 10 NTU  | Water Level | Comments |
| 436    | 0.75             | 707     | 26.[]    | 0.201       | -92.3    | 060                       | 2.41      | 36.1'       |          |
| 1446   | 0.90<br>Collecte | 6.96    | 25.37    | 0.200       | -86.6    | 0.57                      | 200       | 39.201      |          |
| 1450   | Collects         | od Sa.  | mph      |             |          |                           |           |             |          |
|        |                  | ÷       |          |             |          |                           |           |             |          |
|        |                  |         |          |             |          |                           |           |             | - 12-12  |
|        |                  |         |          |             |          |                           |           |             |          |
|        |                  |         |          |             |          |                           |           |             |          |
|        |                  |         |          |             |          |                           |           |             | 14 as    |
|        |                  |         |          |             | =        |                           |           |             | 10       |
|        |                  |         |          |             | <u> </u> |                           |           |             | 1        |
|        |                  |         |          |             |          |                           |           |             |          |
|        |                  |         |          |             | <u> </u> |                           |           |             |          |
|        |                  |         |          |             |          |                           |           |             |          |
|        |                  |         |          |             |          |                           |           |             |          |
|        |                  |         |          |             |          | B                         |           | 11          |          |
| ±1<br> |                  | 25      |          |             | -        |                           |           |             |          |
| 101    |                  | 51      |          |             | •        |                           |           | -           |          |
| ¥      |                  | 72      |          |             |          |                           | 2         |             |          |
| 7      |                  | - 21    |          |             |          | 70                        |           | 10 •        |          |
|        |                  | 15.     | 20       | ,12<br>nA   |          |                           | -10       |             |          |
|        |                  |         |          |             | 12       |                           |           |             |          |
|        | (1)              |         |          |             |          |                           |           |             |          |
|        |                  |         |          |             |          |                           |           |             |          |
|        |                  |         |          |             |          |                           |           |             |          |
|        |                  |         |          |             |          |                           |           |             |          |
|        | 14               | .0      |          |             |          |                           |           |             |          |
|        | O.P.             |         |          |             |          |                           |           |             |          |
|        |                  |         |          | =           |          |                           |           |             | ži.      |
|        |                  | -       | 8        |             | <i>V</i> | 100                       |           |             |          |
|        |                  | Ì       |          |             |          |                           |           |             |          |

Signature

Page \_\_\_\_\_ of \_\_\_\_

WELL ID: MW-38 gone 1

|               | Project     | Number:                 |                  | Task Nur                | mber:                           |                            | AOC:                         |              |                     |              |                              |
|---------------|-------------|-------------------------|------------------|-------------------------|---------------------------------|----------------------------|------------------------------|--------------|---------------------|--------------|------------------------------|
|               | Client:_    | From                    | 66               | oren                    | s Corna                         | <del>-</del>               | Personnel:                   | DM           |                     |              | ***                          |
|               | Project     | Location:               | ndeson           | <u>, sc</u>             | (                               | <u>)</u>                   | Weather:                     | ~15°F        | Sunny               | Clear        |                              |
|               | WEL         | L DATA                  |                  |                         | Date Measu                      | red: 8/4/                  | 0                            |              | Time:               | AM           | Temporary Well? □Yes 🌠       |
|               | Casing      | Diameter:               | ( inch           | nes                     | Type:                           | PVC 🗆 Stair                | nless 🗆 Galv                 | Steel 🗆 T    | eflon® □ Ot         | her:         |                              |
|               | Screen      | Diameter:               | l inch           | nes                     | 1                               |                            |                              |              | eflon® 🛭 Ot         |              |                              |
|               | Total De    | epth of Well:           | 34.06 fee        | t                       | From: 🙀                         | Top of Well Ca             | asing (TOC)                  | ☐ Top of     | Protective Cas      | sing 🚨 Othe  | er:                          |
| _             | Depth to    | Static Water:_          | 11.94            | eet                     | From:                           | Top of Well Ca             | asing (TOC)                  | ☐ Top of     | Protective Cas      | sing 🗆 Othe  | er:                          |
|               |             | Product:                |                  |                         | From:                           | Top of Well Ca             | asing (TOC)                  | ☐ Top of     | Protective Ca:      | sing 🗆 Oth   | er:                          |
| ١             | Length o    | of Water Colum          | n: <b>422.12</b> | feet                    | Well Volume                     |                            | gal                          | Screened     | Interval (from      |              |                              |
| _             | DUD         | CEDATA                  |                  |                         | <u> </u>                        | = 51.92                    | <u> </u>                     |              | Note: 2-inch        | well = 0.167 | 7 gal/ft 4-inch well = 0.667 |
| [             |             | GE DATA                 | ailer, Size:     | <b>10</b>               | ladder Pums                     | □ 2" Sb                    | sible Dr.                    | 7 41 6 1     |                     |              | Equipment Model(s)           |
| F             | Purge M     |                         | entrifugal P     | ump Li Pe               | ladder Pump<br>ristaltic Pump   | ☐ Inertial Lift            | Pump 🗆 Oth                   |              | ersible Pump        |              | 1. QED 34" Bla               |
| N             | Materials   | Pump/Bailer             |                  | less DPN                | /C ☐ Teflo<br>epared Off-Sit    | n® Other:                  | ed 🔾 Dispo                   | eable        |                     |              | 2. 151-536                   |
| ٨             | Materials   | : Rope/Tubing           | <b>X</b> Polye   | thylene C               | Polypropyler                    | ne 🗆 Teflon@               | 0 Other:                     | Javie        |                     |              | 3. DRT-15 CE                 |
| V             | Was well    | purged dry?             |                  |                         | repared Off-S                   |                            |                              |              |                     |              | Calibrated? Yes □ No         |
| ! .           | TOS WEI     | purged dry?             | U Yes            | No No                   | Pumpin                          | g Rate:                    | gal/mi                       | n            |                     |              | If Yes, see Calibration Logs |
|               |             | i                       | · pH             | Temp                    | Spec. Cond.                     | Eh                         | DO                           | Turbidity    | Water Level         | Drawdown     |                              |
| Ti            | me          | Cum. Gallons<br>Removed | ± 0.1 s.u.       | ±2C°                    | > of ±3% or<br>±10 μS           | > of ±10% or<br>±20 mV     | > of ±10% or<br>±0.2 mg/L    | r            |                     | < 1 ft       |                              |
| 2             | 52          | Stea                    | Ω                |                         | <del></del>                     |                            |                              |              |                     | 3110         | Comments                     |
| <u>ر</u><br>ا | 11          | 16161                   |                  | 12                      |                                 |                            |                              | رسد د        |                     |              |                              |
| <u>I</u>      | 10          | 18/ Full                |                  | 34.57                   |                                 | -214.6                     |                              | 255          | 6.85                | 7.65         |                              |
| ٢             | 14          | 0.35                    | 8.18             | 34.88                   | 284                             | -269.2                     | 1.57                         | 256          | 9.72                | 9.72         |                              |
| +             | 42          | 0.45                    | 8.85             | 35.84                   | 285                             | -211.2                     | 1.43                         | 263          | 11.14               |              | Rogy way to Slow. H          |
| 19            | 45          | Proble                  | as w             | DUM                     | d au                            | la to                      | froubl                       | 0.560        | 4                   |              | 7                            |
|               |             |                         |                  | 1                       |                                 | J                          | 1.000                        | <u> </u>     |                     | Pura         | e Data Continued on Back     |
| S             | AMP         | LING DA                 | TA               |                         |                                 |                            |                              |              |                     |              |                              |
| Me            | ethod(s):   | ☐ Bailer, S             |                  | Bladder                 | Pump 🗆 2"                       | Submersible F              | Pump 🗆 4" S                  | Submersible  | Pump                |              | Field Geochemical Analyse    |
| Me            | atoriolo: I | Pump/Bailer             |                  | Inertial Lift           | Pump 🗆 Oth                      | er:  ① Other:              |                              |              |                     |              | Fe\mg/L                      |
|               |             |                         | ☐ Dedica         | ted 🗆 Prep              | ared Off-Site                   | Deconnec                   | d 🗆 Disposa                  | able         |                     |              | DO:mg/L                      |
| Ma            | terials:    | Tubing/Rope             | Dedica           | iylene ⊔ l<br>ted □ Pre | Polypropylene<br>pared Off-Site | . □ Teflon®<br>• □ Deconne | Other:<br>ed <b>W</b> Dispos | sable        |                     |              | Nitrate: mg/L                |
| De            | pth to W    | ater at Time of         | Sampling:₄       | 22.82 F                 | ield Filtered?                  | □Yes 🜠 N                   | 0 1                          | Preservative | Added? QY           | es 🜠 No      | Sulfate: mg/L                |
| Sa            | mple ID:    | MW-38 2                 | encl s           | ample Date              | 8 10/10 5                       | Sample Time:_              | 115                          | # of Contain |                     |              | Alkalinitymg/L               |
| Du            | plicate S   | Sample Collecte         | ed? . 🗆          | Yes 🌠                   | No ID:                          |                            |                              |              |                     |              |                              |
| MS            | /MSD S      | ample Collecte          | d? 🗆             | Yes 🙀                   | No ID:                          |                            |                              |              |                     |              | Other:                       |
| Equ           | uipment     | Blank Sample            | Collected?       | □ Yes 🖆                 | No ID:                          |                            |                              |              |                     |              | `                            |
| C             | <b>ДММ</b>  | ENTS.                   | Pump             | in te                   | (e A )                          | ·95' k                     | the 1                        | la a Lla     | <i>J</i> - <i>A</i> | م دا مروا    | 1./2                         |
| (             | ي لحد       | bucis                   | Plan             | in l                    | well.                           | (onld                      | not a                        | + hail       | er to               | leve lop     | Sandle                       |
|               | CSI         | refed                   | iten             | tob.                    | - 269                           | YNTH                       | 100                          | 3 304        |                     | JUNE.        | Junior                       |
|               |             |                         |                  |                         |                                 |                            |                              |              |                     |              | •                            |
| Inc           | lude con    | nments such as          | s well condi     | tion, odor, p           | resence of NA                   | PL, or other it            | tems not on th               | e field data | sheet.              |              | A                            |

WELL ID: MW-38 moel

| Time   | Cum. Gallons<br>Removed | pH<br>± 0.1 s.u. | Temp<br>± 2 C° | Spec. Cond.<br>> of ±3% or<br>±10 μS | Eh<br>> of ±10% or<br>±20 mV | DO<br>> of ±10% or<br>±0.2 mg/L | L        | Water Level | Drawdown < 1 ft | Comments                                     |
|--------|-------------------------|------------------|----------------|--------------------------------------|------------------------------|---------------------------------|----------|-------------|-----------------|--|
| 515    | Stark                   | 7                | ugm<br>Un      | uge                                  | 1-                           | oblem                           |          | J           | hary ;          | Dunp   |
|        | <del></del>             | 241              | 2√0x           |                                      | to Na                        | in wat                          | <b>.</b> | laced       | pump            | <u>e</u>                                     |
| 525    | 0.5                     | 8.57             | 31.21          | _                                    | -199.7                       | 1.44                            | 259      | 16.98       |                 |  |
| 540    | 0.7                     | -                |                |                                      | -172.3                       |                                 | 250      | 23.10       |                 | t reduced pumprate of<br>Stabalize transform |
| 555    | 0.9                     | _                | 27.39          | 278                                  | -216.4                       |                                 | 252      | 25.98       |                 |  |
| 610    | 1.1                     | 8.91             | 29.62          | 280                                  | -234.4                       | 0.67                            | 259      | 27.95       |                 |  |
| 625    | 1.3                     | 8.98             | 32.75          | 282                                  | -235                         | 0.62                            | 268      | 29.82       |                 |  |
| 630    | Sam                     | ok               | Collece        | red                                  |                              |                                 |          |             |                 |  |
| 7.     |                         |                  |                |                                      |                              |                                 |          |             |                 |  |
|        |                         |                  |                |                                      |                              |                                 |          |             |                 |  |
|        |                         |                  |                |                                      |                              |                                 |          |             |                 |  |
|        |                         | -                |                |                                      |                              |                                 | -        |             |                 |  |
|        |                         |                  |                |                                      |                              |                                 |          |             |                 |  |
|        | 1                       | -                |                |                                      |                              |                                 |          |             |                 | _  |
|        |                         | -                |                |                                      |                              |                                 |          |             |                 |  |
|        |                         |                  |                |                                      | ,                            |                                 |          |             |                 |  |
|        |                         |                  |                |                                      |                              | •                               |          |             |                 |  |
| 4,     |                         |                  |                |                                      |                              |                                 |          |             |                 |  |
|        |                         |                  |                |                                      |                              |                                 |          |             |                 |  |
|        |                         | <u> </u>         |                |                                      |                              | _                               |          | <u> </u>    |                 | •  |
|        |                         |                  |                |                                      |                              |                                 |          |             |                 |  |
|        |                         | -                |                |                                      |                              |                                 |          |             |                 |  |
|        |                         |                  |                |                                      |                              |                                 |          |             |                 |  |
| And it |                         |                  |                |                                      |                              |                                 |          |             |                 |  |
| 3      |                         | <del></del>      |                |                                      |                              |                                 |          |             |                 |  |
|        |                         | Ī                |                |                                      |                              |                                 |          |             |                 |  |

# BROWN AND

#### GROUNDWATER SAMPLING FIELD DATA SHEET

WELL ID: MW-38 zone 2

| 1. PRO                                      | JECT INF                         | ORMA                         | TION                | · ·                     |  |   |                                |           |                                   |                |
|---|----------------------------------|------------------------------|---------------------|-------------------------|--|---|--------------------------------|-----------|-----------------------------------|----------------|
| Project (                                   | Number:                          |                              | Task Num            | iber:                   |  | Area of Con-  | cern:                          |           |                                   |                |
| Client:                                     | Ovens                            | Cornin                       | 1                   |                         |  | Personnel:  | Du                             |           |                                   |                |
| - Project I                                 | Location:                        | Anders                       | m, sc               |                         |  | Weather:  | - 75°F                         | Sunny     | Clear                             |                |
| 2. WELI                                     | L DATA                           |                              | Date Me             | easured: _              | 4/9/10   | Time:   | M                              | Ге        | mporary Well: 👊?                  | es <b>M</b> No |
| Casing I                                    | Diameter:                        | in                           | ches                | Type: 💃 P               | VC 👊 Stainles                                      | s 👊 Galv. Sloe                                      | @nolle1 L le                   | ☐ Other:  |                                   |                |
| Screen I                                    | Diameter:                        | L in                         | ches                | Туре: 🔰 Р               | VC Stainles  | s 🗀 Galv. Stee                                      | emollet 🗀 🗈                    | ☐ Other:  |                                   |                |
| Total De                                    | epth of Well:                    | 500'                         | _feet               | From: 🔏                 | Top of Well Casi                                   | ng (TOC)  | op of Protectiv                | e Casing  | ☐ Other:                          |                |
| Depth to                                    | Static Water                     | Artesta                      | feet                | From: 💋 1               | Γορ of Well Casi                                   | ng (TOC)  | Top of Protectiv               | e Casing  | ☐ Other:                          |                |
|   | Product:                         | <u> </u>                     | _feet               |                         | Top of Well Casi                                   | ng (TOC)  | Top of Protective              | e Casing  | U Other:                          |                |
| Length o                                    | of Water Colu                    | mn: <b>5</b> 00              | _feet               |                         | ne: <u>20 · 5</u><br>ell = 0.041 gal/ft            | gal<br><i>2-in well = 0.16</i>                      | Screened In<br>3 gal/lt 4-in w |           | m GS):<br> al/ft = 6-in well = 1. | 169 gal/ft     |
| 3. PUR                                      | GE DATA                          | ١                            | Date Pu             | rged: _8                | /11/10   | Time: 0   |                                |           | Equipment                         |                |
| Purge M                                     | lethod: 👊 8                      | ailer, Size:<br>ntufugal Pun | 3                   | Bladder Pur             | np 🗓 2" Sub. P<br>Inertial Lift Pump               | ump 🛄 4" Sub  | , Pump                         | 1         | DEP Bladd                         | er Pump (      |
| Material                                    | s: Fump Baile                    | Polyet                       | hvlene <b>X</b> Sta | inless 🗓 PV             | C 🗓 Teflom®  | U Other:  |                                | 2         | XS1-536                           |                |
| 10  |                                  | ⊒ Dealc                      |                     |                         | te XField-Clea                                     |   | sable                          | 3         | DRT. 150                          | E              |
|   | s: Rope/Tubin                    | Dedica                       | ated Prep           | ared Off-Site           | Field-Cleane                                       | ed 🗶 Disposa  | ble                            | 4.        | F)                                |                |
| 1   | to Purge (min                    |                              |                     | rolumes or              |  | gailons   |                                | _         | Calibrated?                       | Vac II Na      |
| Was we                                      | Il purged dry?                   |                              | Y No                | Pumping R<br>Spec. Cond |  | gal/min<br>DO                                       | Turbidity                      |           | Calibrated:                       | 195 4 10       |
| Time  | Cum. Gallons<br>Removed<br>(gal) | ±0.1 su                      | ±2°C                | > of ±3% o              | r > of ±10% or                                     | > of ±10% or  | ≤ 10 NTU                       | Water Lev | el Comm                           | ents           |
| 7435  | stret                            | - Ping                       |                     | £10 μS/cm               | ±20 mV   | ±0.2 mg/L   |                                |           | 8                                 |                |
| 6742  | YSI FIALL                        | 640                          | 19.69               | 219                     | -129.6   | 1.59  | 5.48                           | ATOC      |                                   |                |
| 0758  | ~ <                              | 715                          | 19.70               | 182                     | -137.9   | 094   | 125                            | 11        |                                   |                |
| 1012  | 0.7                              | 7.12                         | 19.70               | 137                     | -205.5   | 0.74  | 047                            | ATOC      | 1                                 |                |
| 0813  |                                  | 7.10                         | 10 75               |                         |  | 017   | 0.11                           | 100       | ų.                                | _ 33           |
| 0828  | 0.9                              | 7.64                         | 19.75               | 1++                     | -2160  | 0.63  | 0.45                           |           | ata continued on ne               | xt sheet?      |
| 4. SAMF                                     | PLING DA                         | \TA                          |                     |                         | . 20   |   |                                |           | chemical Analyse                  |                |
| Method(s                                    | s): J Ba                         | iler, Size:                  |                     |                         | p 🗓 2" Sub. Pu<br>ertial Lift Pump                 |   | Primp                          | Ferr      | ous Iron:                         | marL           |
| Materials                                   | s: Pump/Bailer                   | 73 6-1-1                     |                     | ·                       | Teflon® 🗓  |   |                                | DO:       |                                   | mg/L           |
|   |                                  | <ul><li>Dedicat</li></ul>    | ed 🗀 Pre            | pared Off-Site          | 🙎 🌠 Field-Clear                                    | ned 🗓 Disposa                                       | able                           |           | . \                               | - 1            |
|   |                                  | ☐ Dedicat                    | ed U Prepa          | red Off-Site            | Teflon® ☐ Nyl<br>☐ Field-Cleaned                   | on Gotner:<br>I M Disposabl                         | e                              | Nitra     | te:                               | mg/L           |
|   | Water at Time                    |                              |                     |                         |  | ? 🗆 Yes 😾   | _                              | Sulfa     | ite:                              | mg/L           |
| Sample I                                    | D: MW-38                         | Sample D                     | ate: <b>3</b> /11/1 | _                       | Time: 0935   | _ # of Contain                                      | ners: 2                        | Alkai     | linity:                           | _ mg/L         |
| ,   | e Sample Colle                   | •                            |                     | ID: Dup -               | 081110 130   | # of Contain  | ers:                           |           |                                   | \              |
| Equipme                                     | nt Blank Colle                   | ected?                       | Yes 🥦 No            | ID:                     |  | # of Contain  | ers:                           |           |                                   |                |
| 5. COMP<br>of u<br>sa Th<br>Note: Include o | phard f                          | low m                        | well<br>to be       | und a  Added to         | f (& m) (<br>let bail<br>o and p<br>or other items | artesian)<br>. Wake<br>urged.<br>notion the field o | Continue                       | to d      | evelop b/e may atoc a             | به ا ج         |
|   |                                  |                              |                     |                         |  |   | V                              | ニリクグ      | 1001_                             |                |



WELLID: MW-38 Bone 2

| 3. PUR | GE DATA                 | (continu        | ued from     | ρage        | ()                       |           |           |                   |                   |
|--------|-------------------------|-----------------|--------------|-------------|--------------------------|-----------|-----------|-------------------|-------------------|
| Fiine  | Cum, Gallons<br>Bemoved | ρH              | Temp         | Spec. Cond. | ORP                      | 00        | Furbidity | Water Level       | Comments          |
| G      | (gal)                   | <u>-</u> 0.1 su | <u>€</u> 2 C | ±10 µS/cm   | > of ±10% or ><br>±20 mV | =0.2 mg/L | ≤ 10 NTU  | Trater ceven      | Commens           |
| 0845   | 1.15                    | 7.82            | 19.95        | 176         | -229.2                   | 0.54      | 0.82      | ATOC              |                   |
| 0900   | 1.4                     | 7.89            | 19.94        | 175         | -234.5                   | 0.47      | 0.38      | 11                |                   |
| 0915   | 1.6                     | 7.93            | 19.81        | 175         | -237.1                   | 0.43      | 0.25      | 6                 |                   |
| 0930   | 1.8                     | 7.92            |              | 175         |                          | 0.44      | 0.60      | 61                |                   |
| 0935   | 1.8<br>Samp             | le Colle        | cted         |             | li li                    |           |           |                   |                   |
|        |                         | 1               |              | 0           |                          | 1         |           | 8                 |                   |
|        | 1                       |                 | 4            | 11          |                          | ļ         |           |                   |                   |
|        |                         |                 |              |             | n                        |           |           |                   |                   |
|        | 1                       |                 |              | 11          | -                        | 4         |           | 1                 |                   |
| -      | п 3                     |                 |              |             |                          |           |           | ī                 |                   |
|        | Y.                      | 1               | 1            |             |                          |           | N.        |                   |                   |
|        | i i                     |                 | NI.          |             |                          | v 1       |           | i i               |                   |
|        |                         |                 |              |             |                          |           |           |                   |                   |
|        |                         | #               |              |             | 2                        |           |           |                   |                   |
|        |                         |                 |              |             | <del></del>              |           |           | 10<br>No          |                   |
|        |                         |                 | 4            |             |                          |           |           |                   |                   |
|        |                         |                 | A            |             |                          |           |           |                   |                   |
|        |                         |                 |              |             | 10                       |           |           |                   | *                 |
| E 1    |                         | 1               | 1            |             | 4                        |           |           |                   |                   |
|        |                         |                 |              |             | a a                      |           | 11        |                   |                   |
|        |                         |                 | ¥.           |             |                          |           |           |                   |                   |
|        |                         |                 | ji .         |             |                          |           |           |                   |                   |
|        |                         | 3               |              | <u> </u>    |                          | - 1       |           |                   |                   |
|        |                         | -               | <u> </u>     |             |                          |           | ă         |                   |                   |
| )ii    |                         | 1               | , x          | 3           | 1                        |           |           |                   |                   |
|        |                         |                 | - W          |             |                          |           |           |                   |                   |
| 1      | :                       |                 |              |             |                          |           |           |                   |                   |
|        |                         |                 |              |             |                          | iii       |           | 160               |                   |
|        |                         | 10              | Ď.           |             | 1                        | !         |           | uras data santis. | ed on next sheet? |

WELL ID: MW-39 Bone

| 1.      | PRO                     | OJECT        | NFORM                           | ATION                      |                                 |   |  |              |                                |  |  |
|---------|-------------------------|--------------|---------------------------------|----------------------------|---------------------------------|---|--|--------------|--------------------------------|--|--|
|         |                         | t Number:    |                                 |                            | umber:                          |   | 400  |              |                                |  |  |
|         | Client:                 | Over         | 6 Corr                          |                            |                                 | <del></del>   | AOC:<br>Personne   | DU           |                                |  | <del></del>  |
| 1       | Projec                  | t Location:  | Anderso                         | n, 50                      |                                 |   | Weather:   | 2            | 3E C.                          | nny We   |  |
| 2       | WEI                     | LL DAT       | Δ                               |                            |                                 | ale   |  |              |                                | any Ge   | <u> </u>   |
| -       |                         |              |                                 |                            | Date Meas                       | sured: <u><b>8/9/</b></u>                               | (0   |              | Time:                          | <u>9M</u>  | Temporary Well? DYes No  |
| ļ       |                         | Diameter:    | <b>2</b> /_in                   | ches                       |                                 | PVC - Sta   |  |              |                                |  | and the second s |
| ļ       |                         | Diameter:    |                                 | ches                       |                                 | PVC Stai  |  | v. Steel 🚨   | Teflon® 🛚 (                    | Other:   | y of the billion of the second |
|         |                         |              | 107.21                          |                            |                                 | Top of Well C   |  | □ Тор о      | f Protective C                 | asing 🗘 Otl  | her:   |
|         |                         |              | er <u>. 17.13′</u>              |                            |                                 | Top of Well C   |  | ☐ Top of     | Protective C                   | asing 🗆 Oth  | ner:   |
| F       |                         | o Product:   | fee                             |                            |                                 | Top of Well C   | Casing (TOC)   | ☐ Top of     | Protective C                   | asing 🗆 Otł  | her:   |
|         |                         |              | umn: <u>90./6</u>               | feet                       |                                 |   | _gal<br><b>09                                    </b>                            | Screene      | d Interval (fro<br>Note: 2-inc | m GS):<br>ch well = 0.16   | 1" = 0.041<br>7 gal/ft 4-inch well = 0.667 ga  |
| 3.      | PUR                     | GE DAT       |                                 |                            |                                 | 1   |  |              |                                |  | Equipment Model(s)   |
|         | Purge M                 | lethod:      | l Bailer, Size<br>l Centrifugal | : <b>X</b> 0E<br>Pump □ Po | Bladder Pump<br>eristaltic Pumi | ☐ 2" Submer   | rsible Pump  | 4" Subm      | ersible Pump                   | The state of the s | 1. QED 84" Block   |
|         | v <sup>f</sup> aterial: | s: Pump/Bail | ar 🎇 Sta                        | inless 🗆 P                 | VC Teffe                        | on® C Other   |  |              |                                | -  | 2. DRT-15CE  |
| ,<br>   | /laterials              | s: Rope Tubi | Poly 🛣 Poly                     | ethylene (                 | Polypropyle                     | ite <b>p</b> Deconr                                     | a D O4h  | osable       |                                |  | 3. YSI · SS6   |
|         |                         |              | <u> </u>                        | icated U F                 | repared Off-S                   | Site Decon  | ned VDisg  | osable       |                                |  |  |
| V       | vas wei                 | purged dry?  | <u> </u>                        | es 🗖 No                    | Pumpir                          | ng Rate:  | gal/mi   | in           |                                |  | Calibrated? Yes No If Yes, see Calibration Logs  |
|         |                         |              | рН                              | Temp                       | Spec. Cond.                     | Eh  | DO   | Turbidity    | Water Laur                     |  |  |
| т:      | me                      | Cum. Gallo   | 1                               | ±2C°                       | > of ±3% or                     | > of ±10% or  | > of ±10% o  |              | Water Leve                     | Drawdown   |  |
|         |                         | Removed      | 20.13.0                         | . 120                      | ±10 μS                          | ±20 mV  | ±0.2 mg/L  |              |                                | < 1 ft   | Comments   |
| 151     |                         | Start        | frege                           |                            |                                 |   |  |              |                                |  |  |
| 153     |                         | YSI ful      |                                 | 33.94                      | 411                             | -75.7   | 2.15   | 74.6         | 17.46                          |  |  |
| 154     | 6                       | 0.3          | 7.90                            | 3158                       | 394                             | -92.8   | 1.62   | 75.8         | 17.38                          |  |  |
| 155     | 6                       | 0.5          | 7.91                            | 30.02                      | 487                             | -100.5  | 1.28   | 73.2         | 17.28                          |  |  |
| 160     | 16                      | 0.65         | 8.04                            | 87.73                      | 383                             | -106.5  | 1.35   | 79.9         |                                |  |  |
|         |                         |              |                                 |                            | 000                             | 106.3   | 1.35   | 7.1.1        | 17.44                          |  |  |
| . S     | AMP                     | LING D       | ATA                             |                            |                                 |   |  |              |                                | Purg   | e Data Continued on Back   |
| Me      | thod(s):                | ☐ Bailer     | Size:                           | Bladder                    | Pump 🔲 2" :                     | Submersible P   | ump 🗆 4" S   | ubmersible   | Pump                           |  | Field Geochemical Analyses   |
| Mat     | eriole f                | ump/Bailer   |                                 | Inertial Lift  SS PVC      | . ump - Out                     | er:  Other:   |  |              |                                |  | Fe:mg/L  |
|         |                         |              | ☐ Dedica                        | ited 🗆 Prep                | ared Off-Site                   | Deconned  | ☐ Disposa  | ble          |                                |  | DO:  |
| Mat     | erials:(T               | ubin /Rope   | ▶ PolyetI □ Dedica              | nylene □ P<br>ited □ Pre   | olypropylene<br>pared Off-Site  | ☐ Teflon® [   | Other:   | abla         |                                |  | A  |
| Dep     | th to Wa                | ater at Time |                                 |                            |                                 | □Yes M No   |  |              | Added? □Y                      |  | X  |
| Sam     | ple ID:                 | MW-39-7      |                                 |                            |                                 | ample Time:   | 206  | of Containe  |                                | es No  | Sulfate: mg/L  |
| Dupi    | icate Sa                | ample Collec |                                 | Yes 📜                      |                                 | Par 1877 (1878) 1 10 10 10 10 10 10 10 10 10 10 10 10 1 |  | . Jonanie    |                                |  | Alkalinity:ng/L  |
| MS/I    | MSD Sa                  | mple Collect | ed?                             | Yes 🎉                      | No ID:                          |   | The second differences (Phys THE 2 A PRICE ) III the electrical (Phys I differen |              |                                |  | Other:   |
| Equi    | oment B                 | llank Sample | Collected?                      | □ Yes 🎾                    | No ID:                          |   |  |              |                                |  | /  |
| CO      | MME                     | NTS          | * Unab                          | le to                      | develop u                       | 1/ 4.1  | 4 1  | 4, 4 .       |                                |  |  |
| 6       | /c                      | so lig       |                                 | IAMA C                     | white a                         |   |  |              | milar la                       | ny time  | to fell  |
| G       | olled                   | d A          | en tr                           | b. = 6                     | A NUN                           | ~ 70'   | btoc.  | · A          | Tor c                          | Z hrs.   | Sample   |
| : inclu | ae comi                 | ments such a | s well condit                   | ion, odor, pr              | esence of NA                    | PL, or other ite  | ms not on the  | field data s | heet.                          | 1  |  |
|         |                         |              |                                 |                            |                                 |   |  | -            | 2:11                           | Me   | ed .   |
| RM GV   | N-1 /                   | Rev 10/30/02 | MALAN                           |                            |                                 |   |  |              |                                |  | 1  |

WELL ID: MW-39 Zone/

| Time              | Cum. Gallons<br>Removed | pH<br>± 0.1 s.u.                        | Temp<br>± 2 C° | Spec. Cond.<br>> of ±3% or<br>±10 μS | Eh<br>> of ±10% or<br>±20 mV | DO<br>> of ±10% or<br>±0.2 mg/L |      | Water Level | Drawdown < 1 ft | Comments            |
|-------------------|-------------------------|---|----------------|--------------------------------------|------------------------------|---------------------------------|------|-------------|-----------------|---------------------|
| 16                | 0.8                     | 7.75                                    | 26.70          | 383                                  | -98.9                        | 1.22                            | 80.7 | 17.48       |                 |                     |
| 626               | 0.95                    |   |                |                                      | -113.4                       |                                 | 92.4 | 17.47       |                 |                     |
| 1636              | 10.00                   | 8.16                                    | 26.67          | 358                                  | -128.3                       | 1.37                            | 127  | 17.43       |                 | 691 = 1.1           |
| 1646              | 1.35                    | 8.24                                    | 26.51          | 332                                  | -135.3                       | 1.65                            | 123  | 17.47       |                 |                     |
| 1656              | 1.4                     | 8.19                                    | 26-51          | 322                                  | -139.3                       | 1.76                            | 90.2 | 17.46       |                 |                     |
| 1706              | 1.55                    | 8.29                                    | 26.37          | 315                                  | -155.6                       | 1.82                            | 72.8 | 17.46       |                 |                     |
| 1715              | 1.7                     | 8.10                                    | 25.84          | 312                                  | -155.8                       | 1.88                            | 67.2 | 17.45       |                 |                     |
| 1720              | Sample                  | Co                                      | leefea         | <u> </u>                             |                              |                                 |      |             |                 |                     |
|                   |                         |   |                | â                                    |                              |                                 |      |             |                 |                     |
|                   |                         |   |                |                                      |                              |                                 |      |             |                 |                     |
|                   |                         |   |                |                                      |                              |                                 |      |             |                 |                     |
|                   |                         |   |                |                                      |                              |                                 |      |             |                 |                     |
|                   |                         |   |                |                                      |                              |                                 |      |             |                 |                     |
|                   |                         |   |                |                                      |                              |                                 |      |             |                 |                     |
|                   |                         |   |                |                                      |                              |                                 |      |             |                 | 1.20.2.114.12.20111 |
|                   |                         |   |                |                                      |                              |                                 |      |             |                 |                     |
|                   | 100                     |   |                |                                      |                              |                                 |      |             |                 |                     |
|                   |                         |   |                |                                      |                              |                                 |      |             |                 |                     |
|                   |                         |   |                |                                      |                              |                                 |      |             |                 |                     |
|                   | ara .                   |   |                |                                      |                              |                                 |      |             |                 | U.                  |
|                   |                         |   |                |                                      |                              |                                 |      |             |                 |                     |
|                   |                         |   |                |                                      |                              |                                 |      |             |                 |                     |
| 9                 |                         |   |                |                                      |                              | 20 17                           |      |             |                 |                     |
|                   |                         |   |                |                                      |                              |                                 |      |             |                 |                     |
|                   |                         |   |                | in a                                 |                              |                                 |      |             |                 |                     |
| When and a second |                         | Para Para Para Para Para Para Para Para |                |                                      |                              |                                 |      |             |                 |                     |
|                   |                         |   | + 1            |                                      |                              |                                 |      |             |                 |                     |
|                   |                         |   |                |                                      | -V1 -4-                      |                                 |      |             |                 |                     |

WELL ID: MW-39 zone 2

| 1. PRC   | JECT INF                           | ORMA                        | TION           |                            |                                    |                 |                           |  |   |                               |
|--|------------------------------------|-----------------------------|----------------|----------------------------|------------------------------------|-----------------|---------------------------|--|---|-------------------------------|
| · '  | Number:                            |                             | Task Nun       | nber:                      |                                    | AOC:            |                           | · · · · · · · · · · · · · · · · · · ·                              | <del></del>   | <del></del>                   |
| Client:_   | Overs                              | Corney                      |                |                            |                                    | Personnel:_     | DM                        | <del>-</del>   |   |                               |
| Project  | Location: Av                       | derson,                     | 50             |                            | <del></del>                        | Weather:        | ~ 80°                     | F Suna   | Clear   |                               |
| 2. WEL   | L DATA                             |                             |                | Date Measur                | red: <b>8/9/</b> [                 | 0               |                           | Time: A  | 1   | Temporary Well? □Yes 💋 N      |
| Casing   | Diameter:                          | inch                        | nes            | Type: 💥 P                  | VC 🗆 Stainl                        | less 🗅 Galv.    | Steel D T                 | eflon® 🗆 Otl   | ner:  |                               |
|  | Diameter:                          | inch                        |                | Type: M P                  | VC 🗆 Stainl                        | less 🔾 Galv.    | Steel DT                  | eflon® 🛭 Ott   | ner:  |                               |
|  | epth of Well: 21                   |                             |                | From: 1                    | Top of Well Ca                     | ising (TOC)     | ☐ Top of                  | Protective Cas   | ing 🗆 Othe  | er:                           |
| Depth t  | o Static Water:                    | 20.29                       | eet            |                            | Top of Well Ca                     | sing (TOC)      | ☐ Top of                  | Protective Cas   | ing 🗆 Othe  | er:                           |
|  |                                    | feet                        | - <del> </del> | <del></del>                | Top of Well Ca                     |                 | ☐ Top of                  | Protective Cas   | sing 🗆 Oth  | er:                           |
| Length   | of Water Column                    | : 177.0                     | feet           | Well Volume:               | 8.08<br>3 = 24                     | . 24 41         | Screened                  | I Interval (from<br>Note: 2-inch                                   |   |                               |
| 3. PUR   | GE DATA                            |                             |                |                            |                                    | <b>J</b>        |                           |  |   | Equipment Model(s)            |
| Purge N  |                                    | iler, Size:<br>entrifugal P | ME<br>ump □ Pe | ladder Pump                | ☐ 2" Submers                       | sible Pump C    | 3 4" Subme<br>er:         | ersible Pump   |   | 1. YSI-556                    |
| Material   | s: Pum /Bailer                     | X Stain                     | iless 🗆 P      | √C □ Teflo                 | n® 🛛 Other:                        |                 |                           |  | PAPERATURE CALLESTON OF THE PARENTS | 2. QED 34" Blood              |
|  |                                    |                             |                |                            | e <b>¥</b> Deconno<br>ne ☐ Teflon® |                 | sable                     | 41.000   | ******  | 3. DRT-15 CE                  |
| Material   | s: Rope/ ubing                     |                             |                |                            | ite 🗆 Deconi                       |                 | osable                    |  |   | Calibrated? <b>Y</b> Yes □ No |
| Was we   | Il purged dry?                     | ☐ Ye                        | s 🗆 No         | Pumpin                     | g Rate:                            | gal/mir         | 1                         |  |   | If Yes, see Calibration Logs  |
|  |                                    | ρН                          | Temp           | Spec. Cond.                | Eh                                 | DO              | Turbidity                 | Water Level  | Drawdown  |                               |
|  | Cum. Gallons                       | ± 0.1 s.u.                  | ±2C°           | 1                          | > of ±10% or                       | 1               |                           | FÞ   |   | -1                            |
| Time   | Removed                            | <u> </u>                    | 120            | ±10 μS                     | ±20 mV                             | ±0.2 mg/L       |                           | BTOC   | < 1 ft  | Comments                      |
| 0747   | Stort                              | Purge                       |                |                            |                                    |                 |                           | _  |   |                               |
| 0802   | YSI Full                           |                             | 22.53          |                            | -117.8                             | 3.92            | 630                       | 22.95  |   |                               |
| 0817   | 0.35                               | 7.16                        | 21.95          | 618                        | -147.8                             | 1.21            | 631                       | 28.68  |   | 49                            |
| 0832   | 0.5                                | i i                         | 21.94          | 616                        | 467.3                              | 0.83            |                           | <i>3</i> 5.3   |   | * Slow reckarge, reda         |
| 0847   | 0.6                                | 8.20                        | 23.86          | 619                        | -185.5                             | 0.76            | 626                       | 36.68  |   | 9                             |
|  | 20                                 |                             |                |                            |                                    |                 |                           |  | Purg  | ge Data Continued on Back     |
| 4. SAM   | PLING DA                           | TA                          | 004217 11      |                            |                                    |                 |                           |  |   | Field Geochemical Analyse     |
| Me1hod(s   | s):                                |                             |                | rPump □ 2"<br>ftPump □ Oth | Submersible F<br>ner:              | Pump 🖸 4" S     | Submersible               | Pump   |   | Fe:mg/l                       |
| Materials  | ::Pump/Bailer                      |                             | ess 🗆 PV       |                            | ® 🗆 Other:_                        |                 | To the formation from the | a il Manuschi di Salahanana sa amanana ana si dada ga dana sadi ga |   | DO: mg/L                      |
| Materials  | : Tubin /Rope                      |                             |                | •                          | Deconnection®                      | <del></del>     | able                      |  |   |                               |
|  | U '                                |                             |                | ·                          | e 🗆 Deconn                         |                 |                           | ·  |   |                               |
|  | Water at Time of                   |                             |                |                            | □Yes N                             |                 |                           | re Added? □Y   | es 💆 No   | Sulfate:mg/L                  |
|  | D: <u>MW-39 Z</u>                  |                             |                |                            | Sample Time:_                      | יספוט           | # of Contain              | ners:  |   | Alkalinity: mayL              |
|  | Sample Collecte                    |                             | □ Yes 🦋        |                            |                                    |                 |                           |  |   | Other.                        |
|  | Sample Collecte<br>nt Blank Sample |                             | Yes 📆          |                            | EB- 081                            | 1010 1          | 10                        | Ø  |   |                               |
| The state of the s |                                    | Conected?                   | Z 163          | . 110 10                   |                                    |                 |                           | \ <u>\</u>   |   |                               |
| 5. COMI  | MENTS                              | Pum                         | p in           | take C                     | ~ 85' 6                            | otoc. U         | nable                     | to dere  | lop w/  | briles                        |
| 5/6  | too ligh                           | f to                        | sink           | 10 bol                     | Hom.                               | Sample          | collec                    | ted wh   | n h   | b. us ~625                    |
| ote: Include d   | omments such a                     | s well cond                 | dition, odor,  | presence of N              | IAPL, or other                     | items not on th | ne field data             | a sheet.   |   |                               |
|  | -                                  |                             |                |                            |                                    |                 |                           |  | cal   | 31                            |

FORM GW-1 (Rev 10/30/03 - WAH)

WELL ID: MW-39 Zone 2

|              | Cum. Gallons | pH<br>± 0.1 s.u. | Temp       | Spec. Cond.<br>> of ±3% or<br>±10 μS | Eh<br>> of ±10% or<br>±20 mV | DO<br>> of ±10% or<br>±0.2 mg/L | 1           | Water Level | Drawdown < 1 ft | Comments                              |
|--------------|--------------|------------------|------------|--------------------------------------|------------------------------|---------------------------------|-------------|-------------|-----------------|---------------------------------------|
| Time         | Tterneved    |                  | 25.06      |                                      |                              | 0.77                            | 628         | 38 60       |                 | Comments                              |
| 0902<br>0917 | 0.8          |                  |            | 622                                  |                              |                                 |             | 40.03       |                 |                                       |
| 0932         | 0.9          | < 29             | 27.4       | 624                                  | -192.1                       |                                 |             | 42.09       |                 |                                       |
| 0947         | 10           | 841              | 28 41      | 626                                  | 1000                         | 0.79                            | 1           | 1           |                 |                                       |
| 0950         | 1.0<br>Sampl | 0.11             | م ما م مال | 1                                    | 1,010                        |                                 | <b>50</b> 5 |             |                 |                                       |
| 7130         | - Curip      | c u              | IIC CAC    | Z                                    |                              |                                 |             |             |                 | X1171 - 74734                         |
| <u></u>      |              |                  |            |                                      |                              |                                 |             |             |                 |                                       |
|              |              |                  |            |                                      |                              |                                 |             |             |                 |                                       |
| <u> </u>     |              |                  |            |                                      |                              |                                 |             |             |                 |                                       |
| <u></u>      |              |                  |            |                                      |                              |                                 |             |             |                 |                                       |
|              |              |                  |            |                                      |                              |                                 |             |             |                 |                                       |
|              |              |                  |            |                                      |                              |                                 |             |             |                 |                                       |
|              |              |                  |            |                                      |                              |                                 |             |             |                 | <del></del>                           |
|              |              |                  |            |                                      | 22                           |                                 |             |             |                 |                                       |
|              |              |                  | ,          |                                      |                              |                                 |             |             |                 |                                       |
| 1            |              |                  |            |                                      |                              |                                 |             |             |                 |                                       |
|              |              |                  |            |                                      |                              |                                 |             |             |                 |                                       |
|              |              |                  |            |                                      |                              |                                 |             |             |                 |                                       |
|              |              |                  |            |                                      |                              |                                 |             |             |                 |                                       |
|              |              |                  |            |                                      |                              |                                 |             | -           |                 |                                       |
|              |              |                  |            |                                      | <u>'</u>                     |                                 |             |             |                 |                                       |
|              |              |                  |            |                                      |                              |                                 |             |             | -               | · · · · · · · · · · · · · · · · · · · |
|              |              |                  |            | 253                                  |                              |                                 |             |             |                 |                                       |
|              |              | _                |            |                                      |                              |                                 |             |             |                 |                                       |
|              |              |                  |            |                                      | ·                            |                                 |             |             |                 |                                       |
| -            |              |                  |            |                                      |                              |                                 |             |             |                 | <del></del>                           |
|              | l            | -                |            |                                      |                              |                                 |             |             |                 |                                       |
|              |              |                  |            |                                      |                              |                                 |             |             |                 |                                       |
| 2            |              |                  |            |                                      |                              |                                 |             |             |                 |                                       |

WELL ID: MW-39 Zone 3

| _     |            |                         |                     |                         |                             |  |                                |               |                                |   |  |
|-------|------------|-------------------------|---------------------|-------------------------|-----------------------------|--|--------------------------------|---------------|--------------------------------|---|--|
| 1.    | PRO        | JECT INF                | ORMA                | TION                    |                             |  |                                |               |                                |   |  |
|       | Project N  | lumber:                 |                     | Task Num                | nber:                       | <del></del>  | AOC:                           |               |                                |   |  |
|       | Client:    | - Barrer                | 16.                 | de ett                  | Ovens                       | Comp   | Personnel:_                    | PM            |                                |   |  |
|       | Project L  | ocation: A              | Moso                | <u>n, SC</u>            |                             | _ ,  | Weather:                       | ~90°F         | Sunny                          | Clear                                   |  |
| 2.    | WELI       | L DATA                  |                     |                         | Date Measur                 | ed: <u>8/</u> 9/   | 10                             |               | Time:                          | М                                       | Temporary Well? □Yes ★ No  |
|       | Casing D   | iameter:                | linch               | es                      | Туре:                       | VC 🗆 Stainle   | ess 🛭 Galv.                    | Steel 🗆 T     | eflon® 🛭 Otl                   | her:                                    | The second section of the section of the second section of the section of the second section of the secti |
|       | Screen D   | iameter:                | inch                | es                      | Type:                       | VC 🗆 Stainle   | ess 🛚 Galv.                    | Steel □ T     | eflon® 🛭 Ott                   | her:                                    |  |
|       | Total Dep  | oth of Well: 36         | 2.22 <sub>fee</sub> | t                       | From: 🕱                     | Top of Well Ca   | sing (TOC)                     | ☐ Top of i    | Protective Cas                 | sing 🗆 Othe                             | er:  |
|       | Depth to   | Static Water:           | 1.71                | eet                     | From: 5                     | op of Well Ca  | sing (TOC)                     | ☐ Top of i    | Protective Cas                 | sing 🗆 Othe                             | FF:  |
|       | Depth to   | Product:                | feet                |                         | From:                       | Top of Well Ca   | sing (TOC)                     | ☐ Top of      | Protective Cas                 | sing 🗆 Othe                             | er:  |
|       | Length of  | f Water Column          | 272.31              | feet                    | Well Volume:                | 11.16.   | gal<br><b>49 9~/</b>           | Screened      | Interval (from<br>Note: 2-inch | GS):<br>well = 0.167                    | gal/ft 4-inch well = 0.667 gal/ft  |
| 3.    | PURC       | SE DATA                 |                     |                         |                             | The state of the s |                                |               |                                |   | Equipment Model(s)   |
|       | Purge Me   |                         | iler, Size:         |                         |                             | ☐ 2" Submers   |                                |               | ersible Pump                   |   | 1. QED 44" Bladler Pur   |
|       |            |                         |                     |                         | VC 🚨 Teflo                  | ☐ Inertial Lift  | Pump LI Othe                   | er:           |                                |   | 2. YSI-556   |
|       | Materials  | Pump/Bailer             | Dedic               | cated 🛭 Pr              | epared Off-Sit              | e Deconne  |                                | sable         |                                |   | 3. DRT-15CE  |
|       | Materials  | Rope Tubing             | Polye               | ethylene □<br>cated □ F | Polypropyler Prepared Off-S | ie □ Teflon®<br>ite □ Deconn   | □ Other:<br>ned <b>ऑ</b> Dispo | osable        |                                |   | Calibrated?  |
|       | Was well   | purged dry?             |                     | s 🗆 No                  |                             | g Rate:  |                                |               |                                |   | If Yes, see Calibration Logs   |
| -     |            |                         | I                   |                         |                             |  |                                |               |                                |   |  |
|       |            |                         | ρΗ                  | Temp                    | Spec. Cond.<br>> of ±3% or  | Eh<br>> of ±10% or   | DO<br>> of +10% or             | Turbidity     | Water Level                    | Drawdown                                |  |
|       | Time       | Cum. Gallons<br>Removed | ± 0.1 s.u.          | ±2C°                    | ±10 μS                      | ±20 mV   | ±0.2 mg/L                      |               |                                | < 1 ft                                  | Comments   |
| 0     | 32         | Start                   | Progr               |                         |                             |  |                                |               |                                | T                                       |  |
| 10    | Y40        | YSI Full                | 8.00                | 25.41                   | 193                         | -178.5   | 1.45                           | 128           | 32.56                          |   |  |
| 10    | \$5        | 0.5                     |                     | 23.66                   | 146                         | -188.3   | 0.90                           | 70.6          | 38.20                          |   |  |
|       | blo        | 0.7                     | 7.89                | 23.72                   | 139                         | -205.1   | 0.70                           | 71.4          | 44.10                          |   | * on-yelpen too mod  |
| • • • | 25         | 0.8                     | 8.14                | 25.30                   | 139                         | -225.5   |                                | 65.5          | 48.29                          |   | remed pury race  |
| 14    | V43        | 0.6                     | 8.17                | 40.50                   | 101                         | 003.3  | 0.65                           | 63.)          | 10.01                          | Puro                                    | ge Data Continued on Back  |
| 4.    | CAMD       | LING DA                 | TA                  |                         | <del>- 1</del>              |  | ·                              |               |                                | - T dry                                 | Je Data Continued on Back  |
|       |            | □ Bailer S              |                     | M Bladde                | r Pumo □ 2"                 | Submersible P  | Pump 🖸 4" S                    | Submersible   | e Pumo                         |   | Peld Geochemical Analyses  |
|       | Method(s)  | 1                       |                     | •                       | ft Pump 🗆 Otl               |  |                                |               |                                |   | Fe:mg//  |
|       | Materials: | Fump Bailer             |                     | ess □ PV<br>ated □ Pre  |                             | ® Deconnect  | d <b>*</b> Disposi             | able          |                                | 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | DO:mg/L  |
|       | Materials: | ubing                   | Polye               | thylene 🗆               | Polypropylene               | e □ Teflon®<br>e □ Deconne   | ☐ Other:                       |               |                                |   | Nitrate: mg/L  |
|       | Depth to V | Vater at Time of        |                     |                         |                             |  |                                |               | re Added? □\                   | ∕es <b>∀</b> No                         | Sulfate: mg/L  |
| -     |            | HU-39 2                 |                     |                         |                             | Sample Time:   | 4                              | # of Contai   |                                |   |  |
| -     |            | Sample Collecte         |                     | ☐ Yes 🙀                 |                             |  |                                |               |                                |   | Alkalinity: mg/L   |
| 2     |            | Sample Collecte         |                     | □ Yes 🅦                 |                             |  |                                |               |                                | `                                       | Other:   |
| -     |            | Blank Sample            |                     |                         |                             |  |                                |               |                                |   |  |
| 5     | CORAN      | ENTS                    | 11 11               | . 1                     | 1 ./                        | . 7 1  | .1.                            | 1 . 1.        | J 1 /                          | / ±1                                    |  |
| 5.    |            | IENTS                   | Unabl               | 10                      | sercios                     | w/ ba  | uler,                          | 100 l         | ight to                        | fell                                    | nk water column.   |
|       | Tump       | INTER                   |                     | ~ 75                    | o toc.                      | 44 114 14 14 14 14 14 14 14 14 14 14 14  |                                |               |                                |   |  |
| lote: | Include co | mments such a           | s well con          | dition, odor,           | presence of N               | IAPL, or other   | items not on ti                | he field data | a sheet.                       |   |  |
|       |            |                         |                     |                         |                             |  |                                |               | $\sim \Lambda$                 |   | 1  |

FORM GW-1 (Rev 10/30/03 - WAH)

WELL ID: MW-39 Zone 3

|              | Cum. Gallons | рН         | Temp  |        |        | DO<br>> of ±10% or<br>±0.2 mg/L | Turbidity  | Water Level | Drawdown < 1 ft | Comments |
|--------------|--------------|------------|-------|--------|--------|---------------------------------|--|-------------|-----------------|----------|
| Time         | Removed      | ± 0.1 s.u. | 26.68 | ±10 µS | ±20 mV | 0.65                            | 71.5   | 51.40       |                 | Comments |
| 40<br>12     | 1.0          | 8.75       | 26.25 | 140    | -225.7 | 0.65                            | 89.6   | 55.28       |                 |          |
| 210          | 1.1          | 8.30       | 26.33 | 142    | -224.7 | 0.69                            | 113  | 58.45       |                 |          |
| 225          |              | 8.3        |       |        |        |                                 |  |             |                 |          |
| 132          | 1.25         | 8.30       | 26.66 | 144    | -224.5 | 0.73                            | 91.1   | 62.95       |                 |          |
| 135          | Sample       | Col        | exted |        |        |                                 |  |             |                 |          |
|              | Cappi        |            |       |        |        |                                 |  |             |                 |          |
|              |              |            |       |        |        |                                 |  |             |                 |          |
|              |              |            |       |        |        |                                 |  |             |                 |          |
|              |              |            |       |        |        |                                 |  |             | _               |          |
|              |              |            |       |        |        |                                 |  |             |                 |          |
|              |              |            |       |        |        |                                 |  |             |                 |          |
|              |              |            |       |        |        |                                 |  |             |                 | -        |
|              |              |            |       |        |        |                                 |  |             |                 |          |
|              |              |            |       |        |        | at.                             |  |             |                 |          |
|              | 24           |            |       |        |        |                                 |  |             |                 |          |
|              |              |            |       |        |        |                                 |  |             |                 |          |
|              |              |            |       |        |        |                                 |  |             |                 |          |
|              |              |            |       |        |        |                                 | -  |             |                 |          |
|              |              |            |       |        |        |                                 |  |             |                 |          |
|              |              |            |       |        |        | al al                           |  |             |                 | £)       |
| <del> </del> |              |            |       |        |        | V                               |  |             |                 |          |
|              |              |            |       |        |        |                                 |  |             |                 |          |
|              | -            | İ          |       |        |        |                                 |  |             |                 |          |
|              |              |            |       |        |        |                                 |  |             |                 |          |
|              |              |            |       |        |        |                                 | distribution of the state of th |             |                 |          |
|              | =            |            |       |        |        |                                 |  |             | !               |          |
| <del></del>  | 1            | -          |       |        |        |                                 |  | ,           |                 |          |

## **GROUNDWATER SAMPLING FIELD DATA SHEET**

WELL ID: MW-4/ Zone/

| 1 PROJ       | ECT INFO                             | RMAT                       | ION   |                              |                                       |                          |                  |                  |                             |  |  |  |
|--------------|--------------------------------------|----------------------------|---|------------------------------|---------------------------------------|--------------------------|------------------|------------------|-----------------------------|--|--|--|
|              | umber:                               |                            |   | er:                          |                                       | Area of Conce            | m:               | ····             |                             |  |  |  |
| Client:      | Owens                                |                            |   |                              | F                                     | Personnel: DM            |                  |                  |                             |  |  |  |
| Project L    | ocation: An                          | desson,                    | sc  |                              | \                                     | Veather:                 | 80°F_5           | surry (          | eer                         |  |  |  |
| 2. WELL      |                                      |                            |   | sured: 8                     |                                       |                          |                  |                  | rary Well: □Yes <b>X</b> No |  |  |  |
|              | iameter:                             |                            |   |                              | ☐ Stainless                           |                          |                  |                  |                             |  |  |  |
|              |                                      | incl                       |   |                              | C □ Stainless                         |                          |                  |                  |                             |  |  |  |
|              | oiameter:<br>oth of Well:_ <b>_3</b> | <del></del> -              | 103   | •                            | of Well Casing                        |                          |                  |                  | Other:                      |  |  |  |
| lotal Del    | Static Water:_                       | 6.75                       |   | From: 🖫 Top                  | of Well Casing                        | (TOC) 🗆 To               | op of Protective | e Casing 🔲 C     | Other:                      |  |  |  |
|              | Product:                             |                            |   | From: 🗆 To                   | p of Well Casing                      | (TOC) 🗆 To               | op of Protectiv  | e Casing 🔲 🤇     | Other:                      |  |  |  |
| 3            | f Water Colum                        | _                          | inat \  | Well Volume:                 | 1.16                                  | gal                      | Screened In      | nterval (from (  | GS):                        |  |  |  |
| Length o     | I Water Colum                        |                            |   | Vote: 1-in well              | = 0.041 gal/ft                        |                          |                  | ell = 0.667 gal/ | ft 6-in well = 1.469 gal/ft |  |  |  |
| 3. PURC      | SE DATA                              |                            | Date Pur  | ged: <b>%</b> /              | 3/10                                  | Time:                    | 737              |                  | Equipment Model(s)          |  |  |  |
| 2.1          | □ Bai<br>lethod: □ Cent              | ler, Size:<br>rifugal Pumr | Peristalti  | Bladder Pump<br>c Pump 🚨 ine | 2" Sub. Pur                           | np 🛚 4" Sub.<br>🕽 Other: | Pump             | 1. <u>Q</u>      | ED 34" Bladder Rug          |  |  |  |
|              | s:(Pump/Bailer                       | ☐ Polyeth                  | vlane <b>VI</b> Stai                              | niess 🗆 PVC                  | ☐ Teflon® ☐                           | Other:                   |                  | 2                | 151-556                     |  |  |  |
| 1            |                                      | 10f Polyeth                | wiene O Poly                                      | nropviene 🗆                  | <b>≸</b> Fleid-Clear<br>Teflon® □ Nyl | on 🖾 Other:              |                  | 3                | DPT-15CF                    |  |  |  |
|              | s: Rope/Tubing                       | ☐ Dedica                   | ted Derepa  | ared Off-Site                | ☐ Field-Cleaned                       | Disposat                 | ole              | ۰۰ <u></u>       |                             |  |  |  |
| Volume       | to Purge (minir                      | mum):                      | well vo   | olumes or                    | 5.77_9                                | jallons                  |                  | 4                | Calibrated? ¥Yes □ No       |  |  |  |
| Was we       | Il purged dry?                       | ☐ Yes                      | <del>/ `                                   </del> |                              | te:                                   | gal/min<br>DO            | Turbidity        | Ţ                |                             |  |  |  |
| Time         | Cum. Gallons<br>Removed              | pН                         | Temp  | Spec. Cond.                  | > of ±10% or                          |                          |                  | Water Level      | Comments                    |  |  |  |
| 11110        | (gal)                                | ±0.1 su                    | ±2°C  | ±10 µS/cm                    | ±20 mV                                | ±0.2 mg/L                | ≤ 10 NTU         |                  |                             |  |  |  |
| 0937         | Start                                | Pure                       | n_  |                              |                                       |                          |                  |                  |                             |  |  |  |
| 0945         | YSI Full                             |                            | 23.69   | 366                          | -141.9                                | 2.01                     | 126              | 6.70             |                             |  |  |  |
| 1000         | 0.35                                 | 7.61                       | 22.36   | 305                          | -162.1                                | 1.16                     | 131              | 6.78             |                             |  |  |  |
| 1015         | 6.35                                 | 7.62                       | 22.30   | 296                          | -168.8                                | 1.00                     | 117              | 6.75             |                             |  |  |  |
| 1020         | 0.65                                 | 7.66                       | 22.47   | 294                          | -172.5                                | 0.95                     | 55.1             | 6.76             |                             |  |  |  |
| 1030         | 0.00                                 | 7.00                       | 0.000   |                              |                                       |                          |                  | Purge dat        | a continued on next sheet?  |  |  |  |
| 4 SAM        | PLING DA                             | λTA                        |   | ,                            |                                       |                          |                  | Geoc             | hemical Analyses            |  |  |  |
| Method       | □ Re                                 | iler Size                  | N   | Bladder Pump                 | 2" Sub. Pur<br>ertial Lift Pump       | mp 🛄 4" Sub.<br>🗎 Other: | Pump             | Fеrro            | tus Iron:mg/L               |  |  |  |
|              | ils: Pump Baile                      | Poiyetl                    | hviene <b>≝</b> Sta                               | inless 🖵 PVC                 | ☐ Teflon® ☐                           | Other:                   | able             | DO:              | mg/L                        |  |  |  |
|              | $\searrow$                           | M Polyeti                  | hviene 🗆 Poi                                      | vpropviene 📮                 | ☐ Fleid-Clea<br>Teflon® ☐ Nyl         | on 🗆 Other:              |                  | Nitrat           |                             |  |  |  |
| 1            | lls Tubing/Rop                       | 👅 🗖 Dedica                 | ted 🔾 Prep  | ared Off-Site                | ☐ Field-Cleane                        | d <b>XI</b> Disposat     |                  |                  |                             |  |  |  |
| Depth t      | o Water at Tim                       | e of Samp                  | ling: 6 · 1                                       | <u> </u>                     |                                       | d? □ Yes                 | · 1              | Sulfa            | te: mg/L                    |  |  |  |
| Sample       | 10.40-41 201                         | _ Sample [                 |   |                              | Time: 140                             | # of Conta<br># of Conta |                  | Alkali           | nity: mg/L                  |  |  |  |
|              | ate Sample Col                       |                            |   |                              |                                       | # of Conta               |                  |                  | /                           |  |  |  |
| Equipm       | nent Blarik Coll                     | ected?                     | res M   |                              |                                       |                          |                  |                  |                             |  |  |  |
| 5. COM       | MENTS                                | Pum                        | p inta  | ke c                         | <del>35.1</del> "33                   | 3' btoc                  | . Did            | not d            | erelop but                  |  |  |  |
| pure         | zed until                            | ch                         | ar.   |                              |                                       |                          |                  |                  | •                           |  |  |  |
| , (          |                                      |                            | Par   | TOODER TENIA                 | DI or other item                      | s not on the fie         | ld data sheet    |                  |                             |  |  |  |
| Note: Includ | le comments suci                     | h as well con              | aition, odor, p                                   | resence of IVA               | rt, or other ker                      | o not on the he          | -                | ·1)nN1           |                             |  |  |  |
|              | M 2 (Tau 25 See                      |                            |   |                              |                                       |                          | Signature        | 4/1              | <i>1</i>                    |  |  |  |

### **GROUNDWATER SAMPLING FIELD DATA SHEET**

WELL ID: MW-41 Zone 1

|        | GE DATA                                 | рН      | Temp                                    | Spec. Cond. | ORP                                    | DO   | Turbidity | i i         |          |
|--------|---|---------|---|-------------|--|--|-----------|-------------|----------|
| Time   | Cum. Gallons<br>Removed<br>(gal)        | ±0.1 su | ±2°C                                    |             | > of ±10% or<br>±20 mV                 |  | ≤ 10 NTU  | Water Level | Comments |
| 045    | 0.8                                     | 7.64    | 22.39                                   | 294         | -172.7                                 | 0.92   | 37.3      | 6.72        |          |
| 100    | 0.95                                    | 7.64    | 22.55                                   | 294         | -171.7                                 | 1.00   | 31.5      | 6.71        |          |
| 1115   | 1.1                                     |         | 22.60                                   | 294         | -170.2                                 | 605  | 26.9      | 6.73        |          |
| 1130   |   |         |   |             | - 1686                                 |  | 31.9      | 6.76        |          |
| 1437   | 1.3<br>Sample                           | 7.63    | 22.61                                   | 295         | -168.1                                 | 1.07   | 31.5      | 6.75        |          |
| 1\$40  | Sample                                  | e Col   | lected                                  |             |  |  |           |             |          |
|        |   |         |   | _           |  |  |           |             |          |
|        |   |         |   |             |  |  |           |             |          |
|        |   |         |   |             |  |  |           |             |          |
| 124/11 | 0 | 1       |   |             |  |  |           |             |          |
|        |   |         |   |             |  |  |           |             |          |
|        |   |         |   |             |  | D.   |           |             |          |
| 1      |   | -       |   |             |  |  |           |             |          |
|        | <u> </u>                                |         |   |             |  | The state of the s |           |             |          |
|        |   |         |   |             |  |  |           | 4           |          |
|        |   |         |   |             |  |  |           |             |          |
|        | 13                                      |         | 1                                       |             |  | 21   |           |             |          |
|        |   |         |   |             |  |  |           |             |          |
|        |   |         | - A A A A A A A A A A A A A A A A A A A |             |  |  |           |             |          |
|        |   | 1       |   |             |  |  |           |             |          |
|        |   |         |   |             |  | and designation and  |           |             |          |
|        |   | =       |   |             |  |  |           |             |          |
|        |   |         |   |             | vi s tilecoli                          | 6 4 6 8 8 8 8  |           |             |          |
|        |   |         |   |             | ************************************** |  |           |             |          |
|        |   |         |   |             |  |  |           |             |          |
|        |   |         |   |             |  |  |           |             |          |
|        |   |         |   |             |  |  |           |             | <u></u>  |
|        |   |         |   |             |  |  |           |             |          |

FORM GW-2 (Rev 25.Sept.08 - sei)

### **GROUNDWATER SAMPLING FIELD DATA SHEET**

WELL ID: MW-41 zone 2

| Client:  |                 | 0                            | mg.                        |                               | · · · · · · · · · · · · · · · · · · · | Personnel:_                  | DM             |                 |                          |
|----------|-----------------|------------------------------|----------------------------|-------------------------------|---------------------------------------|------------------------------|----------------|-----------------|--------------------------|
| Project  | Location: _ /   | 4400501                      | <u>, se</u>                |                               |                                       | Weather:                     | ~15.6          | Sunny           | (lev                     |
| 2. WEL   | L DATA          |                              | Date M                     | easured: <u></u>              | 8/9/10                                | Time:                        | M              | Tem             | porary Well: □Yes 🕻      |
| Casing   | Diameter:       | in                           | ches                       | Type: 🏲 P                     | VC 🛘 Stainles                         | s 🚨 Galv. Stee               | l 🛘 Teflon®    | Other:          | <u> </u>                 |
|          | Diameter:       |                              | ches                       | Type: 🗯 P\                    | VC   Stainles                         | s 🛚 Galv. Stee               | i 🗆 Teflon®    | □ Other:        | <del></del>              |
|          | epth of Well:   |                              |                            |                               |                                       |                              |                |                 | Other:                   |
| Depth t  | o Static Water: | Arkeian                      | feet                       |                               |                                       |                              |                |                 | Other:                   |
| 1        | o Product:      |                              | _feet                      |                               |                                       | ng (TOC)                     | Top of Protect | ive Casing      | Other:                   |
| Length   | of Water Colur  | mn: <u>132</u>               | _feet                      |                               |                                       | _ gal<br>gal = 0.16          | Screened I     | Interval (from  | GS):                     |
| 3 DI ID  | GE DATA         |                              | Data Bu                    | irged: _8                     |                                       | Time: 1                      |                | weii = 0.007 ga | Equipment Mode           |
|          |                 | -9 01                        |                            | 7.01-440                      |                                       |                              |                |                 | YS1 -556                 |
|          | Method: Cer     | 001                          | p □ Perista                | iltic Pump 🔲 in               | ertial Lift Pump<br>: 🚨 Teflon® 🧃     | MOther: PAN                  | 108/an         | . \             | /                        |
|          | ls: Pump/Baile  | " 🚨 Dedica                   | ated 🗆 F                   | repared Off-Site              | e 🔾 Field-Clea                        | ned Dispo                    | sable on To    | 2               | DRT-151E                 |
| Materia  | ls: Rope/Tubin  | g 🇯 Polyet                   | hylene □ Po                | olypropylene   nared Off-Site | Teflon® □ Ny<br>□ Field-Cleane        | lon 🚨 Other:                 | nie .          | 3               |                          |
| Volume   | to Purge (mini  |                              |                            | volumes or _                  |                                       | gallons                      | 710            | 4.              |                          |
|          | ell purged dry? |                              | X No                       |                               | ite:                                  | gal/min                      |                |                 | Calibrated? X Yes        |
| T:       | Cum. Gallons    | рН                           | Temp                       | Spec. Cond.                   | ORP                                   | DO                           | Turbidity      |                 |                          |
| Time     | Removed (gal)   | ±0.1 su                      | ±2°C                       | > of ±3% or<br>±10 µS/cm      | > of ±10% or<br>±20 mV                | > of ±10% or<br>±0.2 mg/L    | ≤ 10 NTU       | Water Level     | Comments                 |
| 39 a     | f Star          | + Pi                         | rge                        |                               |                                       |                              |                |                 |                          |
| 1340     | 2 1.5           | 7.85                         | 17.70                      | 278                           | -263.5                                | 0.39                         | 1.79           | Artesian        |                          |
| 1345     | # 3             | 7.84                         | 17.56                      | 277                           | -279.5                                | 0.32                         | 1.32           | l e             |                          |
| 1350     | 4.5             | 7.86                         | 17.56                      | 277                           | -283.3                                | 0.32                         | 1.68           | 4.              | ,                        |
| 1355     | 6.0             | 7.84                         | 17.57                      | 277                           | -284.4                                | 0.31                         | 0.50           | 1.              |                          |
|          |                 |                              |                            |                               |                                       |                              |                | Purge data      | a continued on riext she |
| 4. SAM   | PLING DA        | <b>NTA</b>                   |                            |                               |                                       |                              |                | Geoch           | nemical Analyses         |
| Method   |                 | iler, Size:<br>trifugal Pump | ☐ Peristall                | Bladder Pump<br>ic Pump 🗀 Ine | □ 2" Sub. Purr<br>rtial Lift Pump     | p □ 4" Sub. F<br>Other: Ar 1 | ump<br>SIP15   | Ferrou          | ųs Iron: m               |
| Material | s: Pump/Bailer  | C Dalamak                    | yiene 🛚 Sta                | inless 🛭 PVC                  | ☐ Teflori® ■                          | Other: NA                    | Ball Valve     | <b>e</b> )      |                          |
| Material | s: Tubing/Rope  | Poiyeth                      | ylene □ Poly<br>ed □ Prepa | ypropylene 💷 T                | Teflon® □ Nylo<br>□ Field-Cleaned     | n □ Other:                   | 9              | Nitrate         | e:m                      |
| Depth to | Water at Time   | of Sampli                    | na: Arks                   | 120                           | Field Filtered                        | ? D Yes No                   | √ No           | Sulfate         | e:m                      |
| Sample   | ID: MU-414      | Sample D                     | ate: <u><b>8/12/</b></u>   | Sample 1                      | Time: 1436                            | _ # of Contair               | ers: <b>2</b>  |                 |                          |
|          | e Sample Colle  |                              |                            |                               | ·                                     | # of Contain                 | ers:           | Alkalin         | nity: had                |
|          | ent Blank Colle | cted?                        | Yes 💢 No                   | D:                            | <del></del>                           | # of Contain                 | ers:           | /               |                          |
| Equipme  |                 |                              |                            |                               |                                       |                              |                |                 |                          |
| 5. COM   | MENTS           |                              |                            |                               |                                       |                              |                |                 |                          |

#### **GROUNDWATER SAMPLING FIELD DATA SHEET**

WELL ID: MW-41 Zone 2

| 3 PURO                                     | GE DATA          | (contin | ued fron | n nage /                 |  |                           |           |             |  |
|--|------------------|---------|----------|--------------------------|--|---------------------------|-----------|-------------|--|
| 0  | Cum. Gallons     | pH      | Temp     | Spec. Cond.              | ORP  | DO                        | Turbidity |             |  |
| Time                                       | Removed<br>(gal) | ±0.1 su | ±2°C     | > of ±3% or<br>±10 µS/cm | > of ±10% or<br>±20 mV   | > of ±10% or<br>±0.2 mg/L | ≤ 10 NTU  | Water Level | Comments   |
| 1400                                       | 7.5              | 7.83    | 17.56    | 277                      | -282.6   | 0.32                      | 0.73      | Arfesian    |  |
| 1405                                       | 9                | 7.82    | 17.55    | 277                      | -281.9   | 0.33                      | 0.5%      | 41          |  |
| 1410                                       | 10.5             | 7.81    | 17.58    | 278                      | -279.1   | 0.34                      | 048       | 41          |  |
| 1415                                       | 13               | 7.82    | 17.57    | 278                      | -278.9   | 0.33                      | 0.84      | ч           |  |
| 1420                                       | 14.5             | 782     | 17.65    | 278                      | -278.6   | 0.33                      | 0.72      | 11          |  |
| 1424                                       | 16.25            | 7.81    |          |                          | -275.5   | 0.31                      | 0.62      |             |  |
| 1430                                       | Sampl            | e G     | llecte   | 2                        |  |                           |           |             |  |
|  |                  |         |          | - <del></del>            |  |                           | ,         |             |  |
|  |                  |         |          |                          |  |                           |           |             |  |
|  |                  |         |          |                          |  |                           |           |             | _  |
|  |                  |         |          |                          |  |                           |           |             |  |
|  |                  |         |          |                          |  |                           |           |             |  |
|  |                  |         |          |                          |  |                           |           |             |  |
|  |                  |         |          |                          |  |                           |           |             |  |
|  |                  |         |          |                          | 2703   | 0                         |           |             | Hat 180 - 18 |
|  |                  |         |          |                          |  |                           |           |             |  |
|  |                  | -       |          |                          |  |                           |           |             |  |
|  |                  |         |          |                          |  | -                         |           |             |  |
|  |                  |         | 1-25-    |                          |  |                           |           |             |  |
|  |                  |         |          |                          | and the same of th |                           |           |             |  |
|  |                  |         |          |                          |  |                           |           |             | W1 - 1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1   |
|  |                  |         |          |                          |  |                           |           |             |  |
|  | ŧ                |         |          |                          |  |                           |           |             |  |
|  |                  |         |          |                          |  |                           |           |             |  |
|  | and and          |         |          |                          | THE PARTY OF THE P |                           |           |             | 7.80   |
|  |                  |         |          |                          |  |                           |           |             |  |
| 9 (1) + 10 + 10 + 10 + 10 + 10 + 10 + 10 + |                  |         |          |                          |  |                           |           |             |  |
|  |                  |         |          |                          |  |                           | P         |             |  |

Purge data continued on next sheet?

#### **GROUNDWATER SAMPLING FIELD DATA SHEET**

WELL ID: MW-41 zone 3

|                 | <del> </del>     |                          | -                  | · · · · ·                      |                        |                                   |                 |                                  | **  |
|-----------------|------------------|--------------------------|--------------------|--------------------------------|------------------------|-----------------------------------|-----------------|----------------------------------|---|
| 1. PRO          | JECT INF         | ORMA                     | TION               |                                |                        |                                   |                 |                                  |   |
| Project         | Number:          |                          | Task Num           | nber:                          |                        | Area of Cond                      | cern:           |                                  |   |
| Client:_        | Ovens            | Corno                    | 1                  |                                | ·                      | Personnel:_                       | DM              |                                  |   |
| Project         | Location: A      | ndersa                   | i, sc              |                                |                        | _Weather:^                        | - 70°F          | Sunny                            | Clev                                      |
| 2. WELI         | L DATA           |                          | Date Me            | easured:                       | 8/9/10                 | Time:                             | AM              | Temp                             | porary Well: 🎁 es 🔞                       |
| Casing l        | Diameter:        | in                       | ches               | Type: 🗯 PV                     | /C ☐ Stainles          | s 🛚 Gaiv. Stee                    |                 |                                  |   |
| Screen          | Diameter:        | (in                      | ches               | Type: 🥦 PV                     | C Stainles             | s 🛚 Galv. Stee                    | i □ Teflon®     | Other:                           | <del></del>                               |
| Total De        | epth of Well:    | 302.70                   | _feet              | From: 🕱 To                     | op of Well Casir       | ng (TOC) 🔲 1                      | op of Protecti  | ve Casing 🚨                      | Other:                                    |
| Depth to        | Static Water:    | 0.5'                     | _feet              | •                              | op of Well Casir       | •                                 | op of Protecti  | ve Casing 🚨                      | Other:                                    |
| •               | Product:         |                          | _feet              |                                | op of Well Casir       | ng (TOC)                          | Top of Protecti | ve Casing                        | Other:                                    |
| Length o        | of Water Colum   | nn: <u>502.2</u>         | _feet              | Well Volume<br>Note: 1-in well |                        | gal<br>2-in well = 0.16           |                 | nterval (from<br>vell = 0.667 ga | GS):                                      |
| 3. PUR          | GE DATA          |                          |                    | rged: 8                        |                        | Time: <u>0</u>                    |                 |                                  | Equipment Model(s)                        |
| Purge M         |                  |                          |                    |                                |                        | mp 🔲 4" Sub.<br>Other:            |                 | 1. <b>()</b>                     | ED 3/4" Bladder Ray                       |
| Materials       | s: PumpxBailer   | O 0-1                    | hylene 🕱 Sta       | ainless 🗆 PVC                  | ☐ Teflon® C            |                                   |                 | 2                                | 151-356                                   |
| Material        | s: Rope/frubing  | N                        | hylene 🗆 Po        | lypropylene 🗆                  | Teflon® □ Ny           | lon 🗆 Other:                      |                 | з. Т                             | PT-15CE                                   |
|                 | to Purge (minir  | Dedica                   | _                  | oared Off-Site<br>volumes or   | _                      | ed <b>12</b> Disposal             | ole             | 4                                |   |
|                 | ll purged dry?   | □ Yes                    | -                  | Pumping Ra                     |                        | gal/min                           |                 |                                  | Calibrated? <b>M</b> Yes □ No             |
|                 | Cum. Gallons     | рН                       | Temp               | Spec. Cond.                    | ORP                    | DO                                | Turbidity       |                                  |   |
| Time            | Removed<br>(gal) | ±0.1 su                  | ±2°C               | > of ±3% or<br>±10 µS/cm       | > of ±10% or<br>±20 mV | > of ±10% or<br>±0.2 mg/L         | ≤ 10 NTU        | Water Level                      | Comments                                  |
| 0700            | Start            | Perge                    |                    |                                |                        |                                   |                 |                                  |   |
| 0715            | YS1 Full         | 6.68                     | 22.63              | 282                            | -133.6                 | 1.96                              | 7.23            | 8.34                             |   |
| 0730            | 0.35             | 7.12                     | 22.02              | 276                            | -157.7                 | 1.16                              | 14.1            | 13.72                            | Reduced pump rate<br>to Stubalize drawdow |
| 0745            | 0.55             | 7.30                     | 21.93              | 275                            | -167.9                 | 0.92                              | 13.7            | 18.50                            |   |
| 0800            | 0.6              | 7.39                     | 21.91              | 275                            | -175.6                 | 0.83                              | 15.0            | 21.79                            |   |
|                 |                  |                          | '                  |                                |                        |                                   |                 | Purge dat                        | a continued on next sheet?                |
| 4. SAMF         | PLING DA         | TA                       |                    |                                |                        |                                   |                 | Geoc                             | hemical Analyses                          |
| Method(s        | S 1"             | er, Slze:<br>ifugal Pump |                    | Bladder Pump<br>Ic Pump 🚨 Iner |                        | np 🔲 4" Sub. F<br>🕽 Other:        | Pump            | Ferro                            | be Iron: mg/J                             |
| Materials       | :(Pump Bailer    | □ Polyeth                |                    | nless PVC                      |                        |                                   |                 | DO:                              | mg/L                                      |
| Materials       | Tubin Rope       | Polyeth                  | ylene 🛭 Poly       | propylene 🛭 T                  | efion® □ Nylo          | ned <b>#</b> Dispose<br>on Other: |                 |                                  |   |
|                 | Water at Time    | ☐ Dedicat                | ed 🔾 Prepa         | ared Off-Site                  | Field-Cleaned          | Disposabl                         |                 | Nitrate                          | e:mg/L                                    |
| Sample I        | DAN-41 ZOM       | Sample D                 | ate: <b>8/13</b> / | Sample T                       | ime: 0905              | ? □ Yes □<br># of Contain         | ners: 2         | Sulfat                           | e:mg/L                                    |
|                 | Sample Colle     |                          |                    |                                |                        | _ # of Contain<br>_# of_Contain   |                 | Alkalir                          | nity: mg/L                                |
|                 | nt Blank Collec  | _                        |                    |                                | 081310°                | # of Contain                      | 7               |                                  | /   |
| 5. COMN         | MENTS            | (Lahle                   | h L                | dog Ll.                        | of don't               | but va                            | Les cles        | - to L                           | ian cl.                                   |
| Pum             | n mtake          | _ (P /                   | ~ 9h'              | htre                           | ov veria               | my ma                             |                 | 10 40                            | <del>7 - , -  </del>                      |
|                 |                  |                          |                    |                                |                        |                                   |                 |                                  |   |
| Vote: Include d | omments such a   | s well condi             | tion, odor, pr     | esence of NAPL                 | ., or other items      | not on the field                  | data sheet.     | 7                                | (12/1 /                                   |
|                 |                  |                          |                    |                                |                        |                                   |                 | / \ //                           |   |

FORM GW-2 (Rev 25.Sept.08 - sei)

# **GROUNDWATER SAMPLING FIELD DATA SHEET**

WELL ID: MW-4/ Zore 3

| . 1 010 | GE DATA Cum. Gallons   | рН   | Temp   | Spec. Cond. | ORP     | DO                        | Turbidity |   |                                       |
|---------|--|--|--------|-------------|---------|---------------------------|-----------|---|---------------------------------------|
| Time    | Removed<br>(gal)   | ±0.1 su  | ±2°C   |             |         | > of ±10% or<br>±0.2 mg/L | ≤ 10 NTU  | Water Level                             | Comments                              |
| 0815    | 0.65   | 7.46   | 21.96  | 275         | -181.   | 0.77                      | 11.0      | 25.40                                   |                                       |
| 0830    |  |  |        |             |         | 0.75                      |           | 29.03                                   |                                       |
| 0845    | 0.75   | 7.54   | 21.17  | 275         | -186.6  | 0.70                      |           | 32.50                                   |                                       |
| 0900    | 0.80   | 7.57   | 22.48  | 275         | -189.1  | 0.67                      | 8.37      | 36.04                                   |                                       |
| 0905    | Samp   | le co  | llecte | <u>/</u>    |         |                           |           |   |                                       |
|         |  |  |        | 31          |         |                           |           |   |                                       |
|         | and the state of t |  |        | ·           |         |                           |           |   |                                       |
|         |  |  |        |             |         |                           |           | =                                       |                                       |
|         |  |  |        |             |         |                           |           |   | [4                                    |
|         |  |  |        |             |         |                           |           |   |                                       |
|         |  |  |        |             |         |                           |           |   |                                       |
|         |  |  |        |             |         |                           |           | - 10 5                                  |                                       |
|         |  |  | -7,6   |             | - 11    |                           |           |   |                                       |
| 4       |  | and confirmation for a   |        |             |         |                           |           |   |                                       |
|         |  |  |        |             |         |                           |           |   |                                       |
|         |  | -  |        |             |         |                           |           | + 0 + 1 + 1 + 1 + 1 + 1 + 1 + 1 + 1 + 1 |                                       |
|         | A A A STREET   | 9 0.00   |        |             |         |                           |           |   |                                       |
|         |  |  |        |             | 17      |                           |           |   |                                       |
|         | de etc. dans   |  |        |             |         |                           |           |   | · · · · ·                             |
|         |  |  |        |             |         |                           |           |   |                                       |
|         | P  |  |        |             |         |                           |           |   | 2                                     |
|         |  | The second secon |        |             |         | 2,3                       | E4        |   |                                       |
|         |  |  |        |             |         |                           |           |   |                                       |
|         | The state of the s |  | Ti.    |             |         |                           | 110       |   | -                                     |
|         |  |  |        |             |         | Ē                         |           |   |                                       |
|         | The state of the s |  |        |             | a marie |                           | 16        |   | · · · · · · · · · · · · · · · · · · · |
|         |  |  |        |             | eri     |                           |           |   |                                       |
|         |  | 100  |        |             |         |                           |           |   |                                       |

Purge data continued on next sheet?

Signature

FORM GW-2 (Rev 25.Sept.08 - sej)

#### **GROUNDWATER SAMPLING FIELD DATA SHEET**

WELL ID: MW-42 Zone 1

| 1. PROJECT INFORMATION Project Location: Mulcosery & Weather: Area of Concern: Personnel: DM Project Location: Mulcosery & Weather: Personnel: DM Project Location: Mulcosery & Personnel: DM  Screen Diameter: Inches Total Depth of Well: Id9149   Get Depth to Static Water: 35.54   Get Depth to Static Water: 35.55   Get Depth to Static Water: 35.54   Get Depth to Static Water: 35.55   Get Depth to Static Water: 35.54   Get Depth to Product:   |                 |                    |                   |                 |                |                   |                  |                 |              |                              |
|--|-----------------|--------------------|-------------------|-----------------|----------------|-------------------|------------------|-----------------|--------------|------------------------------|
| Personnel: DM Project Location: Massage, SC  Weather: **85**** Suprey Clar  Weather: **85*** Suprey Clar  Weather: **85*** Suprey Clar  Casing Diameter:   inches  | 1. PRO          | JECT INF           | ORMA <sup>*</sup> | TION            |                |                   |                  |                 |              |                              |
| Project Location: MadaSer, SC  | Project I       | Number:            |                   | Task Num        | ber:           | <del></del>       | Area of Cond     | cern:           |              |                              |
| 2. WELL DATA  Date Measured: 1/1/10 Time: Art Temporary Well: 1/4 December 1/10 Decemb | Client:_        | Ovens              | Cornin            | 1               |                |                   | Personnel:       | DM              |              |                              |
| Casing Diameter:   | Project l       | _ocation: <b>M</b> | leson, i          | śc              |                |                   | Weather:         | 85°F 5          | unny Cle     | er .                         |
| Screen Diameter:   | 2. WELI         | _ DATA             | <del></del>       | Date Me         | easured:       | 8/1/10            | Time:A           | Н               | Tem          | porary Weli: QYes QNo        |
| Total Depth of Well: 24.44   feet  | Casing [        | Diameter:          | inc               | ches            | Type: 🎾 PV     | 'C □ Stainles     | s 🛚 Galv. Stee   | i 🛘 Teflon®     | Other:       | · · · · · · ·                |
| Depth to Static Water \$5.54   feet  | Screen I        | Diameter:          | ind               | ches            | Type: 🦻 PV     | C Stainles        | s 🛚 Galv. Stee   | l 🗆 Teflon®     | Other:       |                              |
| Depth to Product:  | Total De        | pth of Well:       | 29.49             | _feet           | From: 🌠 To     | p of Well Casir   | ng (TOC) 🔲 1     | Top of Protecti | ive Casing 🚨 | Other:                       |
| Length of Water Column: 13.15   Feet   Well Volume: 3.85   gal   Screened Interval (from GS): Note: 1-in well = 0.041 galm 2-in well = 0.667 galm 4-in well = 0.667 galm 5-in well = 1.489 galm  | Depth to        | Static Water:      | 35.54             | _feet           | •              |                   |                  | op of Protecti  | ve Casing 🚨  | Other:                       |
| 3. PURGE DATA  | •               |                    |                   |                 |                | _                 | ng (TOC) 🚨 1     | Top of Protecti | ive Casing   | Other:                       |
| Purge Method:   Baller, Size:   Stacker Pump   Peristatile Pump   Peristatile Pump   Order:   1. OED ** Blakker Rup   Materials: Pump/Baller   Propertion   Peristatile Pump   Order:   1. OED ** Blakker Rup   Materials: Pump/Baller   Propertion   Prepared Off-Site   Telono   Other:   2. \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \   | Length o        | of Water Colum     | nn: <u>73.75</u>  | feet            |                |                   |                  |                 | •            | ,                            |
| Materials   Pump   Peristatic Pump   Peristatic Pump   Other   1.   Other   2.   Statistics   Property   Pump   Peristatic Pump   Other   2.   Statistics   Property   Pump   Peristatic   Pump   Other   3.   Pump   Pum   | 3. PURO         | SE DATA            |                   | Date Pu         | rged: 🙎        | 12/10             | Time: 🕼          | 03              |              | Equipment Model(s)           |
| Materials: Cuming Bailer   | Purge M         |                    |                   |                 |                |                   |                  |                 | 1(           | DED 34° Blokker Pomp         |
|  | Materials       | $\sim$             | □ Polyeti         | hylene 🙇 Sta    | inless 🗆 PVC   | ☐ Teflon® ☐       | Other:           |                 | 2            | 151.556                      |
| Volume to Purge (minimum): 3 well volumes or 11.5 b gallons  Was well purged dry?  | Materials       | s: Rope Tubing     | Polyeti           | hylene 🛚 Pol    | lypropylene 🛚  | Teflon® □ Ny      | lon 🗆 Other:     |                 | 3. <u> </u>  | DRT-15CE                     |
| Vas well purged dry?   | Volume          | to Purge (minir    |                   | 1               |                | 1. 51             | •                | JI <del>O</del> | 4.           |                              |
| 10   3   5   5   5   5   5   5   5   5   5   |                 |                    |                   | No No           | Pumping Ra     | te:               | gal/min          |                 |              | Calibrated? ¥ Yes □ No       |
| (gal)   ±0.1 su   ±2°C   ±10 µS/cm   ±20 mV   ±0.2 mg/L   ±10 NTU     (Gal)   ±10 µS/cm   ±20 mV   ±0.2 mg/L   ±10 NTU     (Gal)   ±10 µS/cm   ±20 mV   ±0.2 mg/L   ±10 NTU     (Gal)   ±10 µS/cm   ±20 mV   ±10.2 mg/L   ±10.2 mg/L     (Gal)   ±10 µS/cm   ±20 mV   ±10.2 mg/L   ±10.2 mg/L     (Gal)   ±10 µS/cm   ±20 mV   ±10.2 mg/L   ±10.2 mg/L     (Gal)   ±10 µS/cm   ±20 mV   ±10.2 mg/L     (Gal)   ±10 µS/cm   ±10 µS/cm   ±10 µS/cm   ±10.2 mg/L     (Gal)   ±10 µS/cm   ±10 µS/cm   ±10.2 mg/L     (Gal)   ±10 µS/cm   ±10 µS/cm   ±10.2 mg/L     (Gal)   ±10 µS/cm   ±10    |                 |                    | рΗ                | Temp            |                | ļ                 |                  | Turbidity       |              | _                            |
| 1033   | Time            |                    | ±0.1 su           | ±2°C            |                | L .               |                  | ≤ 10 NTU        | Water Level  | Comments                     |
| 10 48  | 1003            | Stert              | Perge             |                 |                |                   |                  |                 |              |                              |
| 103 0.47 7.58 21.54 504 -143.1 2.49 25.4 36.10   | 1033            | YSI Full           | 7.62              | 24.09           | 512            | -142.8            | 3.30             | 48.0            | 35.98        |                              |
| 1103 0.47 7.58 21.54 504 -143.1 2.49 23.4 36.12   20.44 53.6 36.10     | 1048            | 0.5                | 7.55              | 22.15           | 508            | -142.2            | 2.66             | 32.5            | 36.10        |                              |
| ## A. SAMPLING DATA    Method(s):   Bailer, Size:   Stanless   PVC   Teffon®   Other:   Do:   Materials   Pump   Bailer   Prepared Off-Site   Field-Cleaned   Disposable   Do:   Mg/L  | 1103            | 0.367              | 7.58              | 21.54           | 504            | -143.1            | 2.49             | 25.4            | 36.12        |                              |
| Purge data continued on next sheet?  4. SAMPLING DATA  Method(s):   Bailer, Size:   Seachemical Analyses   Bladder Pump   2" Sub. Pump   4" Sub. Pump   Ferrous Iron:   mg/L    Materials   Pump   Bailer   Polyethylene   Stainless   PVC   Teffon®   Other:   DO:   mg/L    Materials   Fump   Bailer   Polyethylene   Stainless   PVC   Teffon®   Other:   DO:   mg/L    Materials   Fump   Bailer   Polyethylene   Polypropylene   Teffon®   Nylon   Other:   DO:   mg/L    Materials   Fump   Bailer   Polyethylene   Polypropylene   Teffon®   Nylon   Other:   DO:   mg/L    Materials   Fump   Folypropylene   Teffon®   Nylon   Other:   Nitrate:   mg/L    Depth to Water at Time of Sampling:   30 10   Field Filtered?   Yes   No    Sample ID:   Maj-47   Sample Date:   3/12/10   Sample Time:   105   # of Containers:   Alkaliprity:   mg/L    Duplicate Sample Collected?   Yes   No   ID:   B-081210   IS   Field Filtered?   Yes   Alkaliprity:   mg/L    5. COMMENTS   Value   Folypropylene   Teffon®   Teffon®   Other:   Teffon®   Nylon   Other:   Teffon®   Nylon   Other:   Nitrate:   mg/L    Alkaliprity:   mg/L    Specked   Sour Pale   Sour Pal | 1118            | 0.9                | 7.61              | 21.45           | 505            | - 145.4           | 2.44             | 53.6            | 36.10        |                              |
| Method(s): Bailer, Size: Stader Pump 2" Sub. Pump 4" Sub. Pump    Centrifugai Pump   Peristaltic Pump   Inertial Lift Pump 0 Other:  |                 |                    |                   |                 |                |                   |                  |                 |              | a continued on next sheet? 🎾 |
| Materials Pump/Bailer   Polyethylene   Stainless   PVC   Teflon®   Other:   DO:   mg/L    Materials   Pump/Bailer   Polyethylene   Stainless   PVC   Teflon®   Other:   DO:   mg/L    Materials: Tubing   Rope   Polyethylene   Polypropylene   Teflon®   Nylon   Other:   Nitrate:   mg/L    Depth to Water at Time of Sampling:   Sample   Field Field-Cleaned   Disposable   Nitrate:   mg/L    Sample   D:   May - 1/2   Sample Date:   S/12/18   Sample Time:   105   # of Containers:   Alkalinity:   mg/L    Duplicate Sample Collected?   Yes   No   D:   # of Containers:   Alkalinity:   mg/L    Equipment Blank Collected?   Yes   No   D:   # of Containers:   2    SCOMMENTS   Yes   No   D:   EB-081210   D # of Containers:   2    Lun   Gffr   Pully   Jp   Nake   To   Alkalinity:   No   Sforked   No   No   No   No   No   No   No   N  | 4. SAMF         | PLING DA           | TA                |                 |                |                   |                  |                 | Geoc         | hemical Analyses             |
| Materials: Tubing Rope   Propagated   Prepared Off-Site   Field-Cleaned   Disposable   Do:   Materials: Tubing Rope   Polyethylene   Polypropylene   Teffon®   Nylon   Other:   Nitrate:   mg/L   Depth to Water at Time of Sampling:   30 · 10   Field Filtered?   Yes   No   No   Sample ID:   Mu-4)   Sample Date:   Sample Time:   105   # of Containers:   Alkalipity:   mg/L   Duplicate Sample Collected?   Yes   No   ID:   # of Containers:   Alkalipity:   mg/L   Equipment Blank Collected?   Yes   No   ID:   # of Containers:   2   Alkalipity:   mg/L   May   After    Method(s        |                    |                   |                 |                |                   |                  | oump            | Ferro        | us Iron: me/L                |
| Materials: Tubing Rope   Polyethylene   Polypropylene   Teflon®   Nylon   Other:   Nitrate:   mg/L   Depth to Water at Time of Sampling:   36 10   Field Filtered?   Yes   No   Sample   ID:   Mus-4)   Sample Date:   8/13/10   Sample Time:   1205   # of Containers:   2   Duplicate Sample Collected?   Yes   No   ID:   # of Containers:   Alkalipity:   mg/L   Equipment Blank Collected?   Yes   No   ID:   EB-081210   C 1325   Equipment Blank Collected?   Yes   No   ID:   EB-081210   C 1325   Equipment Blank Collected?   Yes   No   ID:   Field Filtered?   Yes   No   ID:   Field Filtered?   Yes   No   ID:   Field Filtered?   Yes   No   ID:   Mg/L    Solution:   Nitrate:   mg/L   Sulfate:   mg/L   Make   Make   Mg/L   Mg/L   Make   Mg/L   Materials       | Pump/Bailer        |                   |                 |                |                   |                  | able            | DO:          | mg/L                         |
| Depth to Water at Time of Sampling: 36.10   Field Filtered?   Yes X No   Sulfate: mg/L    Sample ID: Mus-43 Sample Date: 8/12/10   Sample Time: 1205   # of Containers: 2   Alkalimity: mg/L    Duplicate Sample Collected?   Yes   No   ID:   # of Containers: 2   Alkalimity: mg/L    Equipment Blank Collected?   Yes   No   ID:   EB-081210   C   125   For Containers: 2    5. COMMENTS   Unit k   for dure lop   5/c   of dupth.   Pump   of Vert Slow   rake    Len   Offer   pulling   Jp   whole   for   Jb   black   Jb   was   filting   (Started   Vert Slow   Vert Slow   Vert Slow   of Vert Slow | Materials       | :Tubing/Rope       | Polyeth           | ylene 🗆 Poly    | propylene 🔾 T  | efion® 🗆 Nylo     | on 🚨 Other:      |                 | Nitrate      | e: ma/L                      |
| Sample ID: Mus-43 Sample Date: 8/12/10 Sample Time: 1205 # of Containers: 2  Duplicate Sample Collected? Q Yes & No ID: # of Containers: Alkalipity: mg/L  Equipment Blank Collected? X Yes Q No ID: EB-081210 C 1325 # of Containers: 2  5. COMMENTS Unible to develop 5/c of depth. Pump at ver slow rake  Len after pully Jp: whole to ~ 78' blac while YS) was filting. (Started Q ~90' 6/bc)  Note: Include comments such as well condition, odor, presence of NAPL, or other items not on the field data sheet.  | Depth to        | Water at Time      |                   | 04              |                |                   |                  |                 | Sulfat       | <u> </u>                     |
| Equipment Blank Collected? ** Yes   No ID: EB-081210 C 13 of Containers: 2  5. COMMENTS Unit to develop 5/c of depth. Pump at ver slow rake the after pully up intake to ~ 78' bloc while ys mas filting. (Started Or ~90' 6/bc)  Note: Include comments such as well condition, odor, presence of NAPL, or other items not on the field data sheet.   |                 |                    |                   |                 |                |                   |                  |                 |              | e:mg/L                       |
| 5. COMMENTS Unible to develop 5/c of depth. Pump at ver slow rake then after pully up intoke to ~ 78' bloc while ys   mas filting. (Started O ~ 90' 6/6c)  Note: Include comments such as well condition, odor, presence of NAPL, or other items not on the field data sheet.  | Duplicate       | e Sample Colle     | ected? 🗆 `        | Yes 🖈 No        |                |                   |                  | iers:           | Alkalir      | afty:mg/L                    |
| URN after pulling up intake to ~ 76' bto while ys mas filting. (Started of the policy  | Equipme         | nt Blank Collec    | cted? 🕱           | Yes □ No        | ID: EB-6       | 181210 E          | # of Contain     | ers:_2_         | /            | `                            |
| LICH GIFE PULLY JP : Note: to ~ 78' btoc while YSI was filting. (Started O ~90' 6/6c)  Note: Include comments such as well condition, odor, presence of NAPL, or other items not on the field data sheet.  | 5. COM          | MENTS              | Unab              | k to            | develop        | 5/6 0             | f depth.         | Pumo            | at w         | er slow rak                  |
|  | LIRM            | after pu           | ال باا            | detui c         | ac to a        | · 78 bt           | oc while         | e ysi           | was fo       | 1 Amy . (Started             |
|  | @ ~             | 90' 6toc)          | ן ט               |                 |                |                   |                  |                 |              | J (                          |
| -7: Van as   | Note: Include ( | comments such      | as well condi     | ition, odor, pr | esence of NAPL | ., or other items | not on the field | data sheet.     | . // 10-0    | .a. A                        |

FORM GW-2 (Rev 25.Sept.08 - sei)

#### **GROUNDWATER SAMPLING FIELD DATA SHEET**

WELL ID: MW-42 zone

| 3. PURC   | GE DATA          | (contin  | ued fron   | n page/                  | )                      |  |  |             |                |
|-----------|------------------|--|--|--------------------------|------------------------|--|--|-------------|----------------|
|           | Cum. Gallons     | рН   | Temp   | Spec. Cond.              | ORP                    | DO   | Turbidity                                    | Mater Laure | Comments       |
| Time      | Removed<br>(gal) | ±0.1 su  | ±2°C   | > of ±3% or<br>±10 µS/cm | > of ±10% or<br>±20 mV | > of ±10% or<br>±0.2 mg/L  | ≤ 10 NTU                                     | Water Level | Comments       |
| 1133      | 1.1              | 7.65   | 21.43  |                          | -146.8                 |  | 168  | 36.11       | *              |
| 1148      | 1.3              | 7.71   | 21.42  |                          |                        | 2.58   | 55.5   |             |                |
| 1203      | 1.5              | 7.74   | 21.55  | 502                      | -147.5                 | 2.65   | 22.8   | 36.10       |                |
| 1205      | Sampl            | e Co   | leteo  |                          |                        |  |  |             |                |
|           |                  |  | 4 44 44 44 44 44 44 44 44 44 44 44 44 4  |                          |                        |  |  |             |                |
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|           |                  | distributions  |  |                          |                        |  |  |             |                |
|           |                  |  |  |                          |                        |  |  |             | 17             |

Purge data continued on next sheet?

#### **GROUNDWATER SAMPLING FIELD DATA SHEET**

WELL ID: MW-42 20ne 2

| 1. PROJ       | ECT INFO                | ORMAT                    | TION                |                                       |                                |                                       |                 |             |                                       |
|---------------|-------------------------|--------------------------|---------------------|---------------------------------------|--------------------------------|---------------------------------------|-----------------|-------------|---------------------------------------|
| Project N     | lumber:                 |                          | Task Numi           | ber:                                  | <del></del>                    | Area of Conc                          | ern:            |             |                                       |
| Client:       |                         | Corn                     |                     |                                       |                                | Personnel:                            | DY              |             |                                       |
| Project L     | ocation: Ay             | dusor                    | i, sc               |                                       |                                | Weather:                              | ~75°F           |             |                                       |
| 2. WELL       | . DATA                  |                          | Date Me             | asured: <u>&amp;</u>                  | 19/10                          | Time:                                 | М               | Temp        | orary Well: □Yes <b>X</b> No          |
| Casing D      | iameter:                | inc                      | hes                 | Type: 🔰 PV                            | C 🔲 Stainless                  | Galv. Steel                           | ☐ Teflon®       | Other:      | ·                                     |
| Screen [      | Diameter:               | inc                      | hes                 | Type: 🖬 PV                            | C 🛘 Stainless                  | Galv. Steel                           | ☐ Teflon®       | Other:      |                                       |
|               | pth of Well: <u>ط</u> و |                          |                     | From: 🎜 To                            | p of Well Casin                | g (TOC) 🗖 To                          | op of Protectiv | re Casing   | Other:                                |
| Depth to      | Static Water:           | 34.00'                   | feet                |                                       |                                | • • •                                 | op of Protectiv | e Casing 🛚  | Other:                                |
| 1             | Product:                |                          | feet                | From: 🗅 To                            | ·                              | g (TOC) 🗆 T                           | op of Protectiv | ve Casing   | Other:                                |
| Length o      | f Water Colum           | n: 188.36                | feet                | Well Volume                           |                                |                                       |                 | ,           | GS):<br>l/ft 6-in well = 1.469 gal/ft |
| 2 DUDO        | SE DATA                 | <u></u>                  | Doto Du             | <del> </del>                          |                                |                                       |                 | - 0.007 gai | Equipment Model(s)                    |
|               | □ Bai                   | ler, Size:               |                     | Bladder Pump                          | 🗓 2" Sub. Pu                   | Time: 0                               | Pump            |             | ED 34" Bledder Pump                   |
| Purge M       | etnod: 🗆 Cent           | rifugal Pum <sub>l</sub> | Peristal            |                                       |                                | Other:                                |                 |             | 1                                     |
| Materials     | Pump/Bailer             |                          |                     |                                       |                                | I Other:<br>ned □ Dispos              |                 |             | 81-556                                |
| Materials     | : Rope/rubing           | Polyeth                  | nylene □ Pol        | ypropylene 🔲                          | Teflon® □ Ny<br>□ Field-Cleans | lon □ Other:<br>d <b>対</b> Disposab   |                 | з. <u>I</u> | RT-15CE                               |
| Volume        | to Purge (minir         |                          |                     |                                       |                                |                                       |                 | 4. <u>t</u> | kran Dipper                           |
|               | purged dry?             | ☐ Yes                    |                     | Pumping Rat                           |                                | gal/min                               |                 |             | Calibrated? Wa Yes □ No               |
|               | Cum. Gallons            | рН                       | Temp                | Spec. Cond.                           | ORP                            | . DO                                  | Turbidity       | Mater Level | Comments                              |
| Time          | Removed<br>(gal)        | ±0.1 su                  | ±2°C                | > of ±3% or<br>±10 µS/cm              | > of ±10% or<br>±20 mV         | > of ±10% or<br>±0.2 mg/L             | ≤ 10 NTU        | Water Level | Comments                              |
| 0730          | Start                   | Purge                    | -                   | · · · · · · · · · · · · · · · · · · · |                                |                                       |                 |             |                                       |
| 0740          | YSI Full                | 6.57                     | 2205                | 677                                   | -120.3                         | 3.41                                  | 115             | 35.62       |                                       |
| KAK5          | 0.5                     | 6.80                     | 21.87               | 673                                   | -132.0                         | 2.48                                  | 140             | 39.66       | (4)                                   |
| 0810          | 0.7                     | 7.04                     | 22.09               | 673                                   | -144.2                         | 2.27                                  | 117             | 44.38       | r Reduced purp sate                   |
| 0010          | A 416                   | 7.01                     | 22.01               | 1.22                                  | 10                             | 2.61                                  | 111             | 46.56       | •                                     |
| 0822          | 0,710                   | 1.21                     | dd.87               | 673                                   | -156.1                         | a.0)                                  | 111             |             | a continued on next sheet?            |
| A SAME        | PLING DA                | ΤΔ                       |                     |                                       |                                |                                       |                 |             | hemical Analyses                      |
| Method(s      | .). 🚨 Bail              | er, Size:                |                     | •                                     |                                | np 🗆 4" Sub. F                        | ump             |             |                                       |
| Methodis      | Centr                   | • .                      |                     | ic Pump 🚨 Iner<br>nless 🚨 PVC         |                                | · · · · · · · · · · · · · · · · · · · |                 | Ferro       | us Iron:mg/L                          |
| Materials     | ::(Pump)(Bailer         | ☐ Dedicat                | ed 🗆 Pre            | epared Off-Site                       | Fleld-Clear                    | ned Disposa                           | ible            | DO:         | mg/L                                  |
| Materials     | ::Tubing/Rope           |                          |                     | /propylene □ 1<br>ared Off-Site □     |                                |                                       |                 | Nitrat      | e: mg/L                               |
| Depth to      | Water at Time           |                          |                     |                                       |                                | ? □ Yes 🛣                             | i No            | Sulfat      | te: mg/L                              |
| Sample        | DMN-43 sove             | Sample D                 | ate: <b>४/۱</b> ୬/۱ | Sample 1                              | Time: <u>0<b>935</b></u>       | _ # of Contain                        | iers:           |             |                                       |
| Duplicate     | Sample Colle            | ected? 🗆                 | Yes 💋 No            | ID:                                   | <del>_</del>                   | # of Contain                          | ners:           | Alkaliı     | nity:mg/L                             |
| Equipme       | nt Blank Colle          | cted?                    | Yes 🌠 No            | ID:                                   |                                | # of Contain                          | iers:           |             | \                                     |
| 5. COMI       | MENTS                   | Unab                     | e to d              | evelop b                              | e/e bai                        | ler taking                            | took la         | y to fall   | / fo                                  |
| bot           | tom. Par                | mp inte                  | te c                | ~901,6+                               | oc .                           | J                                     |                 | J           |                                       |
|               |                         | ,<br>                    |                     | 4415                                  |                                |                                       |                 |             |                                       |
| Note: Include | comments such a         | as well cond             | ition, odor, pi     | esence of NAP                         | L, or other items              | s not on the field                    | data sheet.     | 71          |                                       |

# **GROUNDWATER SAMPLING FIELD DATA SHEET**

WELL ID: MW-42 zone 2

| 3. PURC | SE DATA          | (contin  | ued fron | n page                   | _)                     |                           |           |             |                                       |
|---------|------------------|----------|----------|--------------------------|------------------------|---------------------------|-----------|-------------|---------------------------------------|
|         | Cum. Gallons     | рН       | Temp     | Spec. Cond.              | ORP                    | DO                        | Turbidity | Mater Level | Commonte                              |
| Time    | Removed<br>(gal) | ±0.1 su  | ±2°C     | > of ±3% or<br>±10 µS/cm | > of ±10% or<br>±20 mV | > of ±10% or<br>±0.2 mg/L | ≤ 10 NTU  | Water Level | Comments                              |
| 6840    |                  | 7.41     | 23.36    | 673                      | -160.9                 |                           | 108       | 48.87       |                                       |
| 0855    | 0.85             | 7.47     |          |                          | -162.8                 |                           | 116       | 50.83       |                                       |
| 0910    | 0.9              |          |          | 673                      |                        | 2.05                      | 112       | 52.92       |                                       |
| 0930    | 1.0              | 7.54     | 24.56    | 676                      | -164.1                 | 1.93                      | 101       | 55.26       |                                       |
| 0935    | Sampl            | e Col    | lected   |                          |                        |                           |           |             |                                       |
|         |                  |          |          |                          |                        |                           |           |             |                                       |
|         |                  |          |          | P                        | -                      |                           |           |             |                                       |
|         |                  |          |          |                          |                        |                           |           |             |                                       |
|         | a - 1            |          |          |                          |                        |                           |           |             |                                       |
|         |                  |          |          |                          |                        |                           |           |             |                                       |
|         |                  |          |          |                          |                        |                           |           |             |                                       |
|         |                  |          |          |                          |                        |                           |           |             |                                       |
|         |                  |          |          |                          |                        |                           | _         |             |                                       |
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|         |                  |          |          |                          | 1                      |                           |           |             | · · · · · · · · · · · · · · · · · · · |
| Ţ.      |                  |          |          |                          |                        |                           |           |             |                                       |
|         |                  |          |          |                          |                        |                           |           |             |                                       |
|         |                  | <u> </u> |          |                          |                        |                           |           |             |                                       |
|         |                  |          |          |                          |                        | 10                        |           |             |                                       |
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|         |                  |          |          |                          |                        |                           |           | £)          |                                       |
|         |                  |          |          |                          |                        | l                         |           |             |                                       |
|         |                  |          | 8        |                          |                        |                           | <u> </u>  |             |                                       |
|         |                  |          |          |                          |                        |                           |           |             |                                       |
|         |                  | -        |          |                          |                        | 4                         |           |             |                                       |
|         |                  | <u> </u> |          |                          |                        |                           | · *       |             |                                       |
|         |                  | 70       | l        |                          | <u> </u>               |                           |           | l           | nued on next sheet?                   |

1 /-D M. W

Signatura

#### **GROUNDWATER SAMPLING FIELD DATA SHEET**

WELL ID: MW-42 zone 3

| 1 PRO         | JECT INFO        | ORMA               | TION              |                                  |                        |                                | ****            |                                       |                               |
|---------------|------------------|--------------------|-------------------|----------------------------------|------------------------|--------------------------------|-----------------|---------------------------------------|-------------------------------|
|               | Number:          |                    |                   | ber:                             |                        | Area of Cond                   | ern.            |                                       |                               |
| Client:       |                  | Cornin             |                   | DC1                              |                        | Personnel:                     |                 |                                       |                               |
|               |                  | nderson            |                   |                                  |                        | سے                             |                 | sing Cl                               | car                           |
| 2. WELI       | DATA             |                    | Date Me           | asured:                          | 8/9/m                  | Time: A                        | И               | Temr                                  | oorary Well: □Yes <b>X</b> No |
| 1             | Diameter:        | inc                | ches              |                                  |                        | s ☐ Galv. Stee                 |                 |                                       | •                             |
| _             | Diameter:        |                    | ches              | Type: APV                        | C 🔾 Stainles           | s 🛘 Galv. Stee                 | ☐ Teflon®       | ☐ Other:                              |                               |
| 1             | epth of Well:    |                    | 1                 | From: 🌠 To                       | p of Well Casin        | g (TOC) 🗆 T                    | op of Protectiv | ve Casing 🚨                           | Other:                        |
| E .           | Static Water:    |                    |                   | From: 🗯 To                       | p of Well Casin        | g (TOC)                        | op of Protectiv | ve Casing 🔲                           | Other:                        |
|               | Product:         |                    | feet              | From: 🗆 To                       | p of Well Casir        | ig (TOC)                       | op of Protecti  | ve Casing 🚨                           | Other:                        |
| Length o      | of Water Colum   | nn:                | feet              |                                  | ę                      |                                |                 | nterval (from                         |                               |
|               |                  |                    |                   |                                  |                        |                                |                 | vell = 0.667 gai                      | l/ft 6-in well = 1.469 gal/ft |
|               | GE DATA          |                    |                   |                                  |                        | Time: 124<br>mp                |                 |                                       | Equipment Model(s)            |
| Purge M       | lethod: Cent     | trifugal Pum       | p 🔾 Peristal      | tic Pump 🚨 Ine                   | ortial Lift Pump       | Other:                         |                 |                                       | ED Blodder Pump (34"          |
| Material      | s Pump/Bailer    | □ Polyetl □ Dedica |                   |                                  |                        | ☐ Other:<br>ned ☐ Dispos       |                 | 2. 🔏                                  | SV-5576                       |
| Material      | s: Rope Tubing   |                    |                   | ypropylene 🚨                     |                        | lon 🛘 Other:                   |                 | 3. <u>D</u>                           | RT-15CE                       |
| Volume        | to Purge (minir  |                    | ·                 |                                  |                        | •                              | , io            | 4.                                    | Kon Dipper                    |
|               | Il purged dry?   | ☐ Yes              |                   |                                  | te:                    | -                              |                 |                                       | Calibrated? Yes □ No          |
|               | Cum. Gallons     | рН                 | Temp              | Spec. Cond.                      | -                      | DO                             | Turbidity       |                                       |                               |
| Time          | Removed<br>(gal) | ±0.1 su            | ±2°C              | > of ±3% or<br>±10 µS/cm         | > of ±10% or<br>±20 mV | > of ±10% or<br>±0.2 mg/L      | ≤ 10 NTU        | Water Level                           | Comments                      |
| 1240          | Start            | Purge              |                   |                                  |                        |                                |                 |                                       | = ===                         |
| 1255          | YSI Full         | 8.16               | 25.46             | 172                              | -169.9                 | 2.72                           | 25.3            | 36.13                                 |                               |
| 1316          | 0.5              | 8.36               | 24.73             |                                  | -194.6                 | 1.32                           | 27.2            | 40.70                                 | -                             |
| 1325          | 0.7              | 8.40               | 24.10             | 166                              | -202.3                 | 1.02                           | 30.6            | 44.68                                 | * Reduced pump rak            |
| 1340          | 0.8              | 8.50               | 25.64             | 167 -                            | 209.3                  | 0.87                           | 36.9            | 46.23                                 |                               |
| 13 10         | U · 0            | 0.50               | 22.01             | .01                              | 201.0                  | 0 0 1                          | JO! [           | Purge dat                             | a continued on next sheet?    |
| 4. SAM        | PLING DA         | TA                 |                   |                                  |                        |                                |                 | Geocl                                 | hemical Analyses              |
| Method(       |                  | ler, Size:         |                   | Bladder Pump<br>c Pump 🔲 Iner    |                        | np 🗆 4" Sub. F                 | ump             | Ferro                                 | us Iron: mg/L                 |
| Material:     | s:/Pump/Bailer   | ☐ Polyeth          | ylene 🗷 Stai      | nless 🗆 PVC                      | ☐ Teffon® ☐            | Other:                         |                 |                                       |                               |
|               |                  | ☐ Dedicat          |                   | ppared Off-Site<br>propylene 🚨 T | •                      |                                | ible            | DO:                                   | mg/L                          |
|               | s: (Tubing)Rope  | Dedicat            | ed 🗆 Prepa        | red Off-Site                     | I Field-Cleaned        | Disposabl                      |                 | Nitrate                               | e: mg/L                       |
| Depth to      | Water at Time    | of Sampli          | ng: 3 ·· <u>~</u> | Sample T                         | Field Filtered         | ,                              | 1               | Sulfat                                | e: mg/L                       |
|               | e Sample Colle   |                    | •                 |                                  | ante                   | _ # of Contair<br># of Contair |                 | Alkalir                               | nitynrg/L                     |
| •             | ent Blank Collec |                    |                   |                                  | 81110 C                | # of Contain                   |                 |                                       | `                             |
|               |                  |                    | 3000 <b>X</b>     |                                  |                        |                                |                 |                                       | C -                           |
| 5. COM        |                  | tunk               | C whate           | 100 A                            | les                    | Unable +                       | desciop         | so pu                                 | ying for                      |
| as lo         | m as ne          | rola               | yor wa            | 40 Je (                          | men,                   | C                              |                 | · · · · · · · · · · · · · · · · · · · |                               |
| Note: Include | comments such a  | as well cond       | ition, odor, pr   | esence of NAPI                   | L, or other items      | not on the field               |                 |                                       | 1 83                          |
|               |                  |                    |                   |                                  |                        |                                | -77             | -1) M                                 | . 1                           |



# **GROUNDWATER SAMPLING FIELD DATA SHEET**

WELL ID: MW-342 zore 3

| . FURC      | E DATA  | (contini |  | paye 1                   | <del></del>  |           |           | 1           |          |
|-------------|---|----------|--|--------------------------|--|-----------|-----------|-------------|----------|
|             | Cum. Gallons  | рН       | Temp   | Spec. Cond.              | ORP  | DO        | Turbidity | Water Level | Comments |
| Time        | Removed<br>(gal)  | ±0.1 su  | ±2°C   | > of ±3% or<br>±10 µS/cm | > of ±10% or<br>±20 mV   | ±0.2 mg/L | ≤ 10 NTU  |             |          |
| 355         | 1.0   | 8.57     | 26.63  | 168                      | -212.7   | 0.83      | 28.6      | 47.42       |          |
| 1410        | 1.1   |          | 26.33  |                          | -210.6   | 0.82      | 27.9      | 48.46       |          |
| 425         | 1.2   |          | 28 14  | i'                       | -215.2   | 0.79      |           | 49.57       |          |
| 440         | 1.3   | 8.64     | 28.05  | 171                      | -214.6   | 0.79      |           | 50.25       |          |
| 1455        | 1.4<br>Samp   | 8.47     | 27.42  | 170                      | -208.4   | 0.75      | 296       | 51.00       |          |
| 1500        | Samo  | le co    | lecte  | X                        |  |           |           |             |          |
|             | <u> </u>  |          |  |                          |  |           |           |             |          |
|             |   |          |  |                          |  |           |           |             |          |
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|             | are weather the second |          |  |                          |  |           |           |             |          |
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|             |   |          |  |                          |  |           |           |             |          |
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|             | 1   | 4        |  |                          |  |           |           |             |          |
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|             |   | 1        |  |                          |  |           |           |             |          |
| <del></del> |   | Ď.       |  | 8                        | 4  |           |           |             |          |
|             |   |          |  | R.T.                     |  |           |           |             |          |
|             |   |          |  |                          |  |           |           |             |          |

# GROUNDWATER SAMPLING FIELD DATA SHEET

WELL ID: MW-1

| 2. WELL DATA  Date Measured:   | ner: O recent Recent Coop P  i: 123   Temporary Well: Dyes    iv. Steel Deflon® Dother: Deflon® Dother: Deflon® Dother: Deflor Dother: Deflon® Dother: Deflor Dother: Deflor Dother: Deflor Dother: Deflor Dother: Deflor Dother: Deflor Dother: Deflor Dother: Deflor Deflo |
|--|--|
| Project Location: Anderson, South Carolina  Weati  2. WELL DATA  Date Measured: 11 (   | ner: O recent Recent Coop P  i: 123   Temporary Well: Dyes    iv. Steel Deflon® Dother: Deflon® Dother: Deflon® Dother: Deflor Dother: Deflon® Dother: Deflor Dother: Deflor Dother: Deflor Dother: Deflor Dother: Deflor Dother: Deflor Dother: Deflor Dother: Deflor Deflo |
| 2. WELL DATA  Date Measured: W (   | Temporary Well: Pyes    123  |
| 2. WELL DATA  Date Measured:   | Temporary Well: □Yes  V. Steel □ Teflon® □ Other:  □ Top of Protective Casing □ Other: □ Top of Protective Casing □ Other: □ Top of Protective Casing □ Other: □ Top of Protective Casing □ Other: □ Screened Interval (from GS): = 0.167 gal/ft 4-in well = 0.667 gal/ft 6-in well = 1.469 ga  1342   |
| Casing Diameter: 2 inches Type: PVC Stainless Gas Screen Diameter: 2 inches Type: PVC Stainless Gas Total Depth of Well: 65 feet From: Top of Well Casing (TOC) Depth to Static Water: 21.74 feet From: Top of Well Casing (TOC) Depth to Product: feet From: Top of Well Casing (TOC) Length of Water Column: feet Well Volume: gal Note: 1-in well = 0.041 gal/ft 2-in well:  3. PURGE DATA Date Purged:    (  | V. Steel  Teflon®  Other:  Top of Protective Casing  Other:  Top of Protective Casing  Other:  Top of Protective Casing  Other:  Screened Interval (from GS):  = 0.167 gal/ft  4-in well = 0.667 gal/ft  6-in well = 1.469 galled  |
| Depth to Static Water: 21.414 feet   | □ Top of Protective Casing □ Other: □ Top of Protective Casing □ Other: □ Top of Protective Casing □ Other: □ Screened Interval (from GS): = 0.167 gal/ft  4-in well = 0.667 gal/ft  6-in well = 1.469 ga  1342  |
| Depth to Product:  | Top of Protective Casing Other:    Top of Protective Casing Other:   |
| Length of Water Column:feet  | Top of Protective Casing   |
| Note: 1-in well = 0.041 gal/ft 2-in well = | Screened Interval (from GS):   |
| 3. PURGE DATA  Date Purged:  | 1342  Equipment Model  1342  Sub. Pump  1. YS: 556  2. DRT-15CF  3. Possible  4. Calibrated? Yes   |
| Purge Method: Bailer, Size: Bladder Pump 2" Sub. Pump 4  Materials: Pump/Bailer Polyethylene Stainless TRVC Teflon® Other: Dedicated Prepared Off-Site Field-Cleaned Dedicated Prepared Off-Site Field-Cleaned Off-Site Size Polyethylene Polypropylene Field-Cleaned Off-Site Field-Cleaned Off-Site Field-Cleaned Off-Site Off-Site Field-Cleaned Off-Site Off-S | Equipment Model  1. YS: 556  2. DRT-15CF  3. Practice SS monoposable  4. Calibrated? Yes   |
| Materials: Rope/Tubing Polyethylene Polypropylene Teflon® Nylon Ott  Volume to Purge (minimum): well volumes or gallons  Was well purged dry? Yes No Pumping Rate: gal/mir   | Disposable  2. Dict - 15CF  3. Practice SS mm  4. Calibrated? Yes  |
| Volume to Purge (minimum): well volumes or gallons  Was well purged dry? □ Yes □ No Pumping Rate: gal/mir  | 3. Voache SS mm 4. Calibrated? Yes   |
| Was well purged dry?   | 4  |
| Cum Called A No Pumping Rate: gal/mir  | Calibrated? Yes  |
| Cum. Gallons pH Temp Sacra Q   |  |
| Time Removed ORP DO  | Turbidity  |
| (gal) ±0.1 su ±2°C > of ±3% or ±10 μS/cm +20 mV > of ±10 μS/cm ±20 mV +0.2 mg/ 3:42  | or ≤ 10 NTU Water Level Comments   |
| 310.5  | Keo.7 25,52  |
| 1.16 4 334 5 2   |  |
| 7. 18.16 28 2209   |  |
| 5,0 5,11 18.21 28 332.6 Tee  |  |
| 102 6.0 7.07 1611 10   | (1,5 25.40   |
|  | 8.61 25.90   |
| SAMPLING DATA  | Purge data continued on next sheet?  |
| Method(s):  Bailer, Size:  Definition   Bladder Pump   2" Sub. Pump   4" Sub. Pum | . Pump Ferrous Iron:mg/L   |
| Dedicated Prepared Off-Site Field-Cleaned Dispos   | po.  |
| Dedicated Prepared Off Site Teffon® Nylon Other:   | \/   |
| Field Filtered?  | ·  |
| The Duty William Campia Time   | ) \  |
| uplicate Sample Collected?□ Yes No ID-   | ; succirilly, many   |
| # of Contain   |  |
| OMMENTS  | GI S   |
|  |  |
|  |  |
| nclude comments such as well condition, odor, presence of NAPL, or other items not on the field de   |  |
|  | ata sheet.   |
| GW-2 (Rev 25.Sept.08 - sej)  | XX / /   |

# **GROUNDWATER SAMPLING FIELD DATA SHEET**

WELL ID: MW-1

| Removed<br>(gal) |  |       | Spec. Cond. | ORP   | DO      | Turbidity | 1           |                        |                           |          |             |          |
|------------------|--|-------|-------------|-------|---------|-----------|-------------|------------------------|---------------------------|----------|-------------|----------|
|                  | (3)  | (3)   | (3)         |       | ±0.1 su | ±2°C      |             | > of ±10% or<br>±20 mV | > of ±10% or<br>±0.2 mg/L | ≤ 10 NTU | Water Level | Comments |
| 70               | 5.08   | 14.21 | 28          | 339.1 | 5.38    | 487       | 24.02       |                        |                           |          |             |          |
| 70               |  |       |             |       |         |           |             | 3-                     |                           |          |             |          |
|                  |  |       |             |       |         | _         | 1.00(       |                        |                           |          |             |          |
|                  |  |       |             |       |         |           |             |                        |                           |          |             |          |
|                  |  |       |             | . 81  |         |           |             |                        |                           |          |             |          |
|                  |  |       |             |       | ·       | · -       |             |                        |                           |          |             |          |
|                  |  |       |             |       |         |           |             | ·                      |                           |          |             |          |
|                  |  | ·     |             |       | •       |           |             | _                      |                           |          |             |          |
| 9                | <u>.                                    </u> |       |             |       |         |           |             |                        |                           |          |             |          |
|                  |  |       |             |       |         |           |             |                        |                           |          |             |          |
|                  |  |       |             |       |         |           |             | <del></del>            |                           |          |             |          |
|                  | .  |       |             |       |         |           |             | <u> </u>               |                           |          |             |          |
|                  |  |       |             | -     |         |           |             |                        |                           |          |             |          |
|                  |  |       |             |       |         |           |             |                        |                           |          |             |          |
|                  |  |       |             |       |         |           |             |                        |                           |          |             |          |
|                  |  |       |             |       | 20      |           |             |                        |                           |          |             |          |
|                  |  |       |             |       |         |           |             |                        |                           |          |             |          |
|                  |  |       |             |       |         | •         |             |                        |                           |          |             |          |
|                  |  | -     |             |       |         |           |             | ·                      |                           |          |             |          |
|                  |  |       |             |       |         |           |             |                        |                           |          |             |          |
|                  |  |       |             |       | •       |           |             |                        |                           |          |             |          |
|                  |  |       |             |       |         | ×         |             |                        |                           |          |             |          |
|                  |  |       |             |       |         |           |             |                        |                           |          |             |          |
|                  |  |       |             |       | -       |           |             |                        |                           |          |             |          |
|                  |  | .     |             |       |         |           |             |                        |                           |          |             |          |
|                  |  |       |             |       |         |           |             |                        |                           |          |             |          |
| `                |  |       |             |       |         |           |             |                        |                           |          |             |          |
|                  |  |       |             |       | •       |           |             |                        |                           |          |             |          |
|                  |  |       |             |       |         |           |             |                        |                           |          |             |          |
|                  |  |       |             | ·     |         |           |             |                        |                           |          |             |          |
|                  |  |       |             |       |         | -         | <del></del> |                        |                           |          |             |          |
|                  |  |       |             |       |         |           |             | <del> </del>           |                           |          |             |          |
|                  |  |       |             |       |         |           |             |                        |                           |          |             |          |

Purge data continued on next sheet?

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Page \_\_\_\_ of \_\_\_\_

# **GROUNDWATER SAMPLING FIELD DATA SHEET**

WELL ID: MW-2

| 4 000          | IFOT IN                |                             |                  |                                 |                                    |                            |                 |                 |                              |
|----------------|------------------------|-----------------------------|------------------|---------------------------------|------------------------------------|----------------------------|-----------------|-----------------|------------------------------|
|                | JECT INF               |                             |                  |                                 |                                    |                            |                 |                 |                              |
|                | Number:138             |                             |                  |                                 |                                    |                            |                 |                 |                              |
|                | Owens Cor              |                             |                  |                                 |                                    |                            |                 |                 | <del>-</del>                 |
|                | Location: And          |                             |                  |                                 |                                    |                            |                 | <u>st/Cl</u>    | oudy                         |
| 2. WEL         | L DATA                 |                             | Date Me          | easured: _                      | 11/15/10                           | Time:                      | 1444            | Tem             | porary Well: 🗆 Yes 🕦 No      |
| Casing         | Diameter:              | in                          | ches             | Type: ☑ PV                      | C ☐ Stainles                       | s 🛚 Galv. Stee             |                 |                 |                              |
| Screen         | Diameter:              | <u>2in</u>                  | ches             | Type: PV                        | C ☐ Stainles:                      | Galv. Stee                 | I □ Teflon®     | Other:          |                              |
| Total De       | epth of Well:          | 66.7                        | _feet            | From: 🕡 To                      | op of Well Casin                   | g (TOC) 🗖 T                | op of Protecti  | ve Casing 🛚     | Other:                       |
| Depth to       | Static Water:          | 21.01                       | _feet            | From: To                        | p of Well Casin                    | g (TOC) 🗖 T                | op of Protectiv | ve Casing 🛚     | Other:                       |
| Depth to       | Product:               |                             | _feet            | From: 🗆 To                      | op of Well Casin                   | g (TOC) 🗖 T                | op of Protecti  | ve Casing 🛚     | Other:                       |
| Length (       | of Water Colun         | nn: <u>45.69</u>            | feet             |                                 |                                    | _ gal                      |                 | nterval (from   | GS):                         |
| 0.5115         |                        |                             |                  |                                 |                                    |                            |                 | ell = 0.667 gal | /ft 6-in well = 1.469 gal/ft |
|                | GE DATA                |                             | Date Pu          | rged: _\\/                      | 15/10                              | Time:                      | 444             |                 | Equipment Model(s)           |
| Purge M        | lethod: 🔲 Ba           | nier, Size:<br>trifugal Pum | p 🗆 Perista      | J Bladder Pum<br>Itic Pump □ In | p Myr2"Sub. Pu<br>ertial Lift Pump | ımp ☐ 4" Sub<br>☐ Other:   | . Pump<br>      | 1               | Monsoon                      |
|                | s: <u>Pum</u> p/Bailer |                             | nvlene 🖬 Sta     | ainless E PVC                   | ☐ Teflon® □                        | Other:                     |                 | 2               | 51 556 MPS                   |
| Material       | s: Rope/ <u>Tubin</u>  | . <b>D</b> ∕Rolyeth         | nvlene □ Po      | lvpropvlene □                   | Teflon® □ Nv                       | fon D Other:               |                 | 3               |                              |
|                |                        | Dedica                      | ted □ Prep       | ared Off-Site                   | ☐ Field-Cleane                     | d 🗹 Disposal               | ole             | 4               |                              |
|                | to Purge (mini         | mum):<br>Yes                |                  |                                 |                                    |                            |                 |                 | Calibrated?                  |
| vvas we        | ll purged dry?         | pH                          | Temp             | Spec. Cond.                     | te:                                | gai/min<br>DO              | Turbidity       | <u> </u>        | Calibrated? Li res Li        |
| Time           | Removed                | <u>-'</u>                   |                  | •                               | > of ±10% or                       |                            |                 | Water Level     | Comments                     |
|                | (gal)                  | ±0.1 su                     | ±2°C             | ±10 μS/cm                       | ±20 mV                             | ±0.2 mg/L                  | ≤ 10 NTU        |                 |                              |
| 1444           | 0_                     | 5.85                        | 19.04            | 0.068                           | -185.7                             | 71.5                       | 0.45            | 21.01           |                              |
| 1449           |                        | 5.90                        | 19.36            | 0.066                           | -187.0                             | 65.0                       | 7.15            | 24.18           |                              |
| 1454           | -                      | 5.80                        | 19.38            | 0.066                           | -180.7                             | 65.5                       | 17.68           | 23.69           |                              |
| 1459           |                        | 5.78                        | 1946             | 0.066                           | -168.7                             | 67.9                       | 12.51           | 26.44           |                              |
| 1504           |                        | 5.72                        | 19.40            | 0.066                           | -167.9                             | 66.2                       |                 | 26.68           | <u> </u>                     |
|                |                        | -                           |                  |                                 |                                    |                            |                 |                 | a continued on next sheet?   |
| 4. SAMF        | PLING DA               | TA                          |                  |                                 |                                    |                            |                 | Geoch           | nemical Analyses             |
| Method(s       | s): 🔲 Baile            | er, Size:<br>ifugal Pump    | □<br>□ Peristalt | Bladder Pump<br>c Pump 🔲 iner   | 2" Sub. Pun                        | np 🔲 4" Sub. I<br>🛚 Other: | Pump            | _               | us Iron: mg/L                |
| Materials      | : Pump/Bailer          |                             | lene 🇹 Stair     | nless D PVC                     |                                    | Other:                     |                 | DO:             | mg/L                         |
| Materials      | : <u>Tubing</u> /Rope  |                             |                  |                                 | eflon® □ Nylo                      |                            |                 | Nitrate         |                              |
| Depth to       | Water at Time          |                             |                  |                                 |                                    |                            |                 | Sulfate         |                              |
|                | D: MW-Z                | -                           |                  |                                 |                                    |                            | ^               | Alkalin         |                              |
|                | Sample Collec          |                             | ,                | ID:                             |                                    | # of Contain               |                 | / www.          |                              |
| Equipmer       | nt Blank Collec        | ted? □ Y                    | es 🗹 No          | ID:                             |                                    | # of Contain               |                 |                 |                              |
| 5. COMN        | MENTS                  |                             | -                | <del></del>                     |                                    | -                          |                 |                 |                              |
|                |                        |                             | · · · · · ·      |                                 |                                    | <del></del> -              |                 |                 | ¥c.                          |
|                |                        |                             |                  |                                 |                                    |                            |                 |                 |                              |
| ote: Include c | omments such as        | s well conditi              | ion, odor, pre   | sence of NAPL,                  | or other items i                   | ot on the field d          |                 |                 |                              |
|                |                        |                             |                  |                                 |                                    |                            | =               | MI              | <del></del>                  |

FORM GW-2 (Rev 25.Sept.08 - sej)

Signature Signature

# **GROUNDWATER SAMPLING FIELD DATA SHEET**

WELL ID: <u>MW-2</u>

|      | Cum. Gallons     | pН      | Temp     | Spec. Cond. | ORP    | DO                        | Turbidity |             |               |
|------|------------------|---------|----------|-------------|--------|---------------------------|-----------|-------------|---------------|
| Time | Removed<br>(gal) | ±0.1 su | ±2°C     |             |        | > of ±10% or<br>±0.2 mg/L | ≤ 10 NTU  | Water Level | Comments      |
| 509  |                  | 5.73    | 19.42    | 0.066       | -167.5 |                           | 9.14      |             | <del></del>   |
|      |                  |         |          |             |        | -                         | ,         |             |               |
|      |                  |         |          |             |        |                           |           |             |               |
|      |                  |         |          |             |        |                           |           |             |               |
|      |                  |         | <u>·</u> |             |        |                           |           |             |               |
|      |                  |         |          |             |        |                           |           |             |               |
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|      |                  |         |          |             |        |                           |           |             | <u> </u>      |
|      |                  |         |          |             |        |                           |           |             |               |
|      |                  |         |          |             |        |                           |           |             |               |
|      |                  |         |          |             |        |                           |           |             |               |
| ,    | •                | .01     |          |             | 4083   |                           | v]#       |             |               |
|      |                  |         |          | ti          |        |                           | £ .       |             | <del></del>   |
| 8    |                  |         |          |             |        |                           |           |             |               |
|      |                  |         |          |             |        |                           |           | *           |               |
|      |                  | 20      | 50:      |             | N 38   |                           |           |             |               |
|      |                  |         |          |             | 24     |                           | - +       |             |               |
|      |                  |         |          |             |        |                           |           |             |               |
|      | -                |         |          |             |        |                           |           |             |               |
| _    |                  |         |          |             |        |                           |           |             |               |
|      |                  |         |          | -           |        |                           |           |             |               |
|      |                  |         |          |             |        |                           |           |             |               |
|      |                  |         | - 1      |             | · .    |                           |           |             | <u> </u>      |
| _    |                  |         |          |             |        |                           |           |             | 5             |
| _  - | 94               |         |          |             |        |                           |           |             |               |
|      |                  |         |          |             |        |                           |           |             |               |
|      |                  |         |          |             |        |                           |           |             |               |

Purge data continued on next sheet?

Signature

FORM GW-2 (Rev 25.Sept.08 - sej)

Page 2 of 2

# **GROUNDWATER SAMPLING FIELD DATA SHEET**

WELL ID: <u>MW-3</u>

| 1. PRO          | JECT INF                     | ORMA                     | TION                       |                                |                             |   |             |               | <u> </u>                             |
|-----------------|------------------------------|--------------------------|----------------------------|--------------------------------|-----------------------------|---|-------------|---------------|--------------------------------------|
| Project         | Number: <u>138</u>           | 8670                     | _Task Nun                  | nber: <u>200.0</u>             | 01                          | Area of Cond                            | cern:       |               |                                      |
| Client:_        | Owens Cor                    | ning                     |                            |                                |                             | _Personnel:_                            | K. WH       | ETSTONE       |                                      |
|                 | Location: And                |                          |                            |                                |                             |   |             |               |                                      |
| 2. WEL          | L DATA                       |                          | Date Me                    | easured: <u>\</u>              | 1/17/10                     | Time: 0                                 | 736         | Tem           | porary Well: □Yes □No                |
|                 | Diameter:                    |                          |                            |                                |                             | s 🛚 Galv. Stee                          |             |               |                                      |
| Screen          | Diameter:2                   | <u>i</u> n               | ches                       | _                              |                             | S Galv. Stee                            |             |               |                                      |
|                 | epth of Well:                |                          | -                          |                                |                             |   |             |               | Other:                               |
| Depth to        | Static Water:                | 19.98                    | _feet                      |                                |                             |   |             |               | Other:                               |
| •               | Product:                     |                          | -                          |                                |                             |   |             |               | Other:                               |
| Length          | of Water Colun               | nn: <b>6.</b> 02         | _feet                      | Well Volume                    | e:<br>i = 0.041 gal/ft      | gal<br>gal = 0.16                       | Screened I  | nterval (from | GS):<br>/ft 6-in well = 1.469 gal/ft |
| 3 PUR           | GE DATA                      | <del></del>              | Date Pu                    |                                |                             |   |             | - 0.007 gai   | Equipment Model(s)                   |
| Purge M         | fethod: Gen                  | iler, Size: _            | ——                         | Bladder Pum                    | p <b>2</b> 2" Sub. Pi       | ump 🖸 4" Sub                            | Pump        |               | Monsoom                              |
| 1               |                              | 0.5                      |                            |                                |                             | <ul><li>Other:</li><li>Other:</li></ul> |             | •             | 151 556 MPS                          |
| Material        | s: <u>Pum</u> p/Bailer       | □ Dedica                 | ted 🗅 Pr                   | epared Off-Site                | Field-Clea                  | ned Dispos                              | sable       | <u></u>       |                                      |
| Material        | s: Rope/ <u>Tubin</u>        | Polyeth<br>Dedica        | iylene □ Poi<br>ted □ Prep | lypropylene □<br>ared Off-Site | Teflon® 🔲 Ny 🗆 Field-Cleane | don □ Other:_<br>d <b>□</b> Disposat    | ole         | · 3           | <u> </u>                             |
| Volume          | to Purge (mini               | mum):                    | well v                     | olumes or _                    |                             | gallons                                 |             | 4             |                                      |
| Was we          | Il purged dry?               | ☐ Yes                    | <b>I</b> D∕ No             | Pumping Ra                     | te:                         | gal/min                                 |             |               | Calibrated?    Yes                   |
| Time            | Cum. Gallons<br>Removed      | рH                       | Temp                       | Spec. Cond.                    |                             | DO                                      | Turbidity   | Water Lavel   | 0                                    |
|                 | (gal)                        | ±0.1 su                  | ±2°C                       | > of ±3% or<br>±10 µS/cm       | > of ±10% or<br>±20 mV      | > of ±10% or<br>±0.2 mg/L               | ≤ 10 NTU    | Water Level   | Comments                             |
| 0736            |                              | 4.25                     | 16.18                      | 0.056                          | -117.3                      | 58.6                                    | 36.7        | 19.98         |                                      |
| 0741            |                              | 4.69                     | 17.06                      | 0.054                          | -159.6                      | 46.0                                    | 3.98        | 20.12         |                                      |
| 0746            |                              | 4.56                     | 17.92                      | 0.053                          | -147.4                      | 42.6                                    | 0.57        | 20.34         |                                      |
| 0751            |                              | 4.39                     | 17.93                      | 0.053                          | -137.0                      | 40.4                                    | 0.41        | 20.37         |                                      |
| 0756            |                              | 4.37                     | 17.99                      | 0.054                          | -134.5                      | 39.8                                    | 0.10        | 20.40         |                                      |
|                 |                              |                          |                            |                                |                             |   |             | Purge dat     | a continued on next sheet?           |
| 4. SAMF         | PLING DA                     | TA                       |                            |                                | _                           |   |             | Geocl         | nemical Analyses                     |
| Method(s        | s): 🔲 Bail                   | er, Size:<br>ifugal Pump | □<br>□ Peristalt           | Bladder Pump<br>ic Pump 🚨 Ine  | 2" Sub. Pur                 | mp 🔲 4" Sub. I<br>🗓 Other:              | Pump        | Ferro         | us Iron: mg/L                        |
| Materials       | s: <u>Pump</u> /Bailer       |                          | lene 📭 Stair               | nless PVC                      | ☐ Teflon® ☐ ☐ Field-Clean   | Other:                                  |             | DO:           | mg/L                                 |
| Materials       | : Tubing/Rope                |                          |                            | •                              |                             |   | <del></del> | Nitrate       | e: mg/L                              |
|                 | Water at Time                |                          |                            |                                |                             | © Disposable? ☐ Yes ☐                   |             | Sulfat        | e: mg/L                              |
|                 | D: MW-3                      |                          |                            |                                |                             | # of Contain                            | ^           | Alkalir       |                                      |
|                 | Sample Colle                 |                          |                            |                                |                             | # of Contain                            |             | / uncam       |                                      |
| Equipme         | nt Blank <sub>.</sub> Colled | cted? U Y                | ′es □ No                   | ID:                            |                             | # of Contain                            | ers:        |               |                                      |
| 5. COM          | MENTS                        |                          |                            |                                |                             | <del></del>                             |             | <u> </u>      |                                      |
|                 |                              |                          |                            |                                |                             |   |             |               |                                      |
|                 |                              |                          |                            |                                |                             | <u>.</u>                                |             |               |                                      |
| Note: Include o | comments such a              | s well condit            | ion, odor, pre             | sence of NAPL                  | , or other items            | not on the field o                      | lata sheet. |               | <i>, i</i> ,                         |
|                 |                              |                          |                            |                                |                             |   | Lux         | £UNO!         |                                      |
| FORM GW-2       | Rev 25.Sept.0                | 8 - sej)                 |                            | Page                           | of                          | <u>2</u>                                | Signature   |               |                                      |

# **GROUNDWATER SAMPLING FIELD DATA SHEET**

| WELL ID: | MW-3 |
|----------|------|
|----------|------|

|                 | GE DATA Cum. Gallons | pH      | Temp  | Spec. Cond.                                   | ORP                    | DO   | Turbidity |             |  |
|-----------------|----------------------|---------|-------|---|------------------------|------|-----------|-------------|--|
| Time            | Removed (gal)        | ±0.1 su | ±2°C  | > of ±3% or<br>±10 µS/cm                      | > of ±10% or<br>±20 mV |      | ≤ 10 NTU  | Water Level | Comments   |
| 801             |                      | 4.39    | 17.95 | 0.054   | -133.7                 | 40.1 | 0.08      | 20.35       | <del></del>  |
|                 |                      |         |       |   |                        |      |           |             |  |
|                 |                      |         |       |   |                        |      |           |             | <del>.</del>                                       |
|                 |                      |         |       |   |                        |      |           |             |  |
|                 |                      |         |       |   |                        |      |           |             |  |
|                 |                      |         |       |   |                        |      |           |             |  |
| <del>-</del> .  |                      |         |       |   |                        |      |           | _           | <del></del>  |
| <del>-</del> ". |                      |         |       | <u>, , , , , , , , , , , , , , , , , , , </u> |                        |      |           |             |  |
|                 |                      |         |       |   |                        |      |           |             |  |
|                 |                      | -       |       | ,   | •                      |      |           |             | <u> </u>   |
|                 |                      |         |       |   |                        |      |           |             | <u> </u>   |
|                 |                      |         |       |   |                        |      |           |             |  |
|                 |                      |         |       |   |                        |      |           |             |  |
|                 |                      |         |       |   |                        |      |           |             |  |
|                 |                      |         |       |   |                        | •    |           |             |  |
|                 |                      |         |       |   |                        |      | 2         |             |  |
|                 |                      |         |       |   | -                      |      |           |             |  |
|                 |                      |         |       | f(a)) ·                                       |                        |      |           |             |  |
| • .             |                      |         |       |   |                        | -    |           | · -         |  |
| .9              |                      |         | 6.    | W/  | •                      |      |           | -           | <u> </u>   |
|                 |                      | -       |       |   | -                      |      | -         |             |  |
|                 |                      |         |       |   | •                      |      |           |             |  |
|                 |                      |         |       |   |                        |      |           | -           | ·<br>  |
|                 |                      |         |       |   | •                      |      |           |             |  |
|                 |                      |         | _     |   |                        |      |           |             | ,  |
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|                 |                      |         | ,     |   |                        |      |           |             |  |
|                 |                      |         |       |   |                        |      |           |             |  |
|                 |                      |         |       |   |                        |      |           |             | <del>,                                      </del> |
|                 |                      | -       |       |   |                        |      |           |             |  |

Purge data continued on next sheet?

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FORM GW-2 (Rev 25.Sept.08 - sej)

# **GROUNDWATER SAMPLING FIELD DATA SHEET**

WELL ID: MW-4

| 1 BBO           | IECT INC   | ODMA                     | TION                       |                            |                             |                                       |                                | <del></del>                                    |                                       |
|-----------------|--|--------------------------|----------------------------|----------------------------|-----------------------------|---------------------------------------|--------------------------------|--|---------------------------------------|
|                 | JECT INF   |                          |                            | . 200.0                    | 0.4                         |                                       |                                |  |                                       |
|                 | Number: <u>138</u><br>Owens Corr   | _                        |                            |                            |                             |                                       | 1.4                            | 1 a Labora                                     |                                       |
|                 | Location: And  |                          | _                          |                            |                             | Personnel:                            | - 4                            | netsteni<br>v 10ve                             |                                       |
|                 |  |                          |                            |                            |                             |                                       |                                | <u>•                                      </u> |                                       |
| 2. WEL          | L DATA   |                          | Date Me                    |                            |                             |                                       |                                |  | porary Well: □Yes 🗷                   |
|                 | Diameter:  |                          |                            |                            |                             | s 🔲 Galv. Stee                        |                                |  | · · · · · · · · · · · · · · · · · · · |
|                 | Diameter:  |                          |                            |                            |                             | Galv. Stee                            |                                |  |                                       |
|                 | epth of Well:  |                          | •                          |                            |                             |                                       |                                |  | Other:                                |
|                 | Static Water:  |                          | _                          |                            |                             |                                       |                                |  | Other:                                |
| •               | Product:   |                          | _feet                      |                            |                             |                                       |                                |  | Other:                                |
| Length o        | of Water Colum   | nn: 1.32                 | feet                       |                            | e:<br>! = 0.041 gal/ft      |                                       | Screened II<br>7 gal/ft 4-in w | nterval (from                                  | GS):<br>/ft 6-in well = 1.469 gal/ft  |
| 3. PUR          | GE DATA  |                          | Date Pu                    |                            |                             | Time:                                 |                                |  | Equipment Model(s)                    |
|                 | lethod: ☐ Ba   |                          |                            |                            |                             |                                       |                                |  | Monsoon                               |
|                 |  |                          |                            |                            |                             |                                       |                                | _  | 151556 MPS                            |
| Material        | s: <u>Pum</u> p/Bailer   |                          |                            |                            |                             | Other:<br>ned Dispos                  | sable                          | •  | -                                     |
| Material        | s: Rope/Tubing   | Polyeth Dedicat          | lylene □ Poi<br>ted □ Prep | lypropylene  ared Off-Site | Teflon® □ Ny □ Field-Cleane | rlon □ Other:_<br>d <b>©</b> Disposat | ole                            | 3  |                                       |
| Volume          | to Purge (minir  |                          |                            |                            |                             |                                       |                                | 4  |                                       |
|                 | Il purged dry?   | ☐ Yes                    |                            |                            | te:                         |                                       |                                |  | Calibrated? ☐ Yes ☐                   |
| Time            | Cum. Gallons   | pН                       | Temp                       | Spec. Cond.                | ORP                         | DO                                    | Turbidity                      |  |                                       |
| Time            | Removed<br>(gal)   | ±0.1 su                  | ±2°C                       | > of ±3% or<br>±10 µS/cm   | > of ±10% or<br>±20 mV      | > of ±10% or<br>±0.2 mg/L             | ≤ 10 NTU                       | Water Level                                    | Comments                              |
| 1106            | 0  | 6.39                     | 18.50                      | 0.774                      | -183.1                      | 37.7                                  | 120.4                          | 20.35  |                                       |
| 1112            |  | 6.55                     | (8.79                      | 0.717                      | -198.7                      | 12.4                                  | 5.68                           | 21.71  |                                       |
| 1117            | and the same of th | 6.63                     | 18.73                      | 0.737                      | -199.3                      | 9.1                                   | 2.80                           | 21.84  |                                       |
| 1122            |  | 6.59                     | 18.62                      | 0.732                      | - 199.0                     | 7.8                                   | 1.70                           | 22.00  |                                       |
| 1127            |  | 6.59                     | 18.63                      | 0.734                      | -198.8                      | 6.6                                   | 1.02                           | 22.14  |                                       |
| <u></u> -       |  |                          |                            |                            |                             |                                       |                                |  | a continued on next sheet?            |
| 4. SAMF         | PLING DA   | TA                       |                            |                            |                             |                                       | <del></del>                    | Geoch  | nemical Analyses                      |
| Method(s        | s): 🔲 Baile  | er, Size:<br>ifugal Pump | □<br>□ Peristalt           | Bladder Pump               | 2" Sub. Pur                 | mp □ 4" Sub. I<br>□ Other:            | Pump                           | Ferrou   | us Iron: mg/L                         |
| Materials       | : Pump/Bailer  | □ Polyethy               | lene <b>®</b> Stair        | nless PVC                  | ☐ Teflon® ☐                 | Other:                                |                                | DO:  | mg/L                                  |
| Materials       | : Tubing/Rope  | Polyethy                 | lene  Poly                 | propylene 🔲 T              | eflon®  Nylo                | on Other:                             |                                | Nitrate  |                                       |
|                 | Water at Time  |                          |                            |                            |                             | Disposable?                           |                                | Sulfate  |                                       |
|                 | D: <b>MN-4</b>   | -                        |                            |                            |                             | ?□ Yes □<br>_ # of Contain            | _                              |  |                                       |
|                 | Sample Colle   |                          | _                          | ID:                        |                             | # of Contain                          |                                | Alkalin  | ity: mg/L                             |
|                 | nt Blank Collec  |                          |                            |                            |                             | # of Contain                          | -                              |  |                                       |
|                 |  |                          |                            |                            |                             |                                       |                                |  |                                       |
| 5. COMN         | MEINIO -   |                          |                            |                            |                             |                                       | <del></del>                    |  |                                       |
|                 |  |                          | <del></del>                |                            |                             |                                       |                                |  |                                       |
| lote: Include c | omments such as  | s well condit            | ion, odor, pre             | sence of NAPL              | , or other items            | not on the field d                    | lata sheet.                    |  |                                       |
|                 |  |                          |                            |                            |                             | ¥.                                    | -7/                            | 10   | 124                                   |

Page \_\_\_\_ of \_\_\_

# **GROUNDWATER SAMPLING FIELD DATA SHEET**

WELL ID: <u>MW-5</u>

| 1 PRO           | JECT INF                         |                          | TION                      |                                 |                                 |                                     |                                       |                                    |                                      |
|-----------------|----------------------------------|--------------------------|---------------------------|---------------------------------|---------------------------------|-------------------------------------|---------------------------------------|------------------------------------|--------------------------------------|
| 1               |                                  |                          |                           |                                 | .04                             |                                     |                                       |                                    |                                      |
|                 | Number: 13                       |                          |                           |                                 |                                 |                                     | icerri:                               | 11 -1-1                            |                                      |
|                 | Owens Cor<br>Location: An        |                          |                           |                                 |                                 |                                     | Sunny                                 | Ihets to                           |                                      |
|                 |                                  |                          |                           |                                 |                                 |                                     |                                       |                                    | <del></del>                          |
| 2. WEL          | L DATA                           |                          | Date M                    |                                 |                                 |                                     |                                       |                                    | porary Well: □Yes Wo                 |
|                 | Diameter:                        |                          |                           | _                               | /C 🗆 Stainles                   |                                     |                                       |                                    |                                      |
| 1               | Diameter:                        |                          |                           |                                 | /C 🗆 Stainles                   |                                     |                                       |                                    |                                      |
| 1               | epth of Well:<br>o Static Water: |                          | -                         |                                 |                                 |                                     |                                       |                                    | Other:                               |
|                 | o Static vvater:<br>o Product:   |                          | -                         |                                 |                                 |                                     |                                       |                                    | Other:                               |
|                 | of Water Colur                   |                          | _feet<br>_feet            |                                 |                                 |                                     |                                       |                                    | Other:                               |
| Lengur          | OI Water Colur                   | III. <u>V• • 3</u>       | ieet                      | Note: 1-in well                 | e:<br>l = 0.041 gal/ft          | gal<br>_2-in well = 0.16            | Screened<br>  S7 gal/ft 4-in v        | Interval (from<br>vell = 0.667 gal | GS):<br>/ft 6-in well = 1.469 gal/ft |
| 3. PUR          | GE DATA                          |                          | Date Pu                   |                                 |                                 |                                     |                                       |                                    | Equipment Model(s)                   |
| Purge N         | Method: ☐ Ba                     | ailer, Size:             | D Poriete                 | ☐ Bladder Pum                   | p 🖫 2" Sub. Pt                  | ump 🔲 4" Sub                        | . Pump                                | 1.                                 | • 4                                  |
|                 | s:_Pump/Bailer                   | D D                      | viene DSta                | ainless D PVC                   | D Teflon® D                     | ) Other:                            |                                       |                                    | YS1 556 MPS                          |
|                 |                                  | ☐ Dedica                 | ted DP                    | repared Off-Site                | Field-Clea                      | ned Dispo                           | sable                                 |                                    |                                      |
| Material        | s: Rope/Tubing                   | Dedicat                  | lylene ⊔ Po<br>ted □ Prep | lypropylene □<br>pared Off-Site | Teflon® □ Ny<br>□ Field-Cleane  | lon □ Other:_<br>d <b>ॼ</b> Disposa | ble                                   | 3                                  |                                      |
| Volume          | to Purge (mini                   | mum):                    | well v                    | olumes or                       |                                 | gallons                             |                                       | 4                                  |                                      |
| Was we          | Il purged dry?                   | ☐ Yes                    | <u> </u>                  |                                 | te:                             | gal/min                             | · · · · · · · · · · · · · · · · · · · |                                    | Calibrated?                          |
| Time            | Cum. Gallons<br>Removed          | pН                       | Temp                      | Spec. Cond.                     | ORP<br>> of ±10% or             | DO                                  | Turbidity                             | Water Level                        | Comments                             |
| <u> </u>        | (gal)                            | ±0.1 su                  | ±2°C                      | ±10 µS/cm                       | ±20 mV                          | ±0.2 mg/L                           | ≤ 10 NTU                              | Water Level                        | Comments                             |
| 1647            |                                  | 4.69                     | 18.68                     | 0.066                           | -145.3                          | 70.7                                | 53.1                                  | 18.27                              |                                      |
| 1652            |                                  | 4.37                     | 19.08                     | 0.067                           | -1474                           | 27.5                                | 15.69                                 | 19.91                              |                                      |
| 1657            |                                  | 4.31                     | 18.79                     | 0.064                           | - 151.0                         | 20.6                                | 34.2                                  | 20.67                              |                                      |
| 1702            |                                  | 4.32                     | 18.65                     | 0.063                           | -1544                           | 16.7                                | 13.48                                 | 20.90                              |                                      |
| 1707            |                                  | 4.30                     | 18.58                     | 0.064                           | -154.4                          | 14.7                                | 9.67                                  | 21.22                              |                                      |
| 5 5             |                                  |                          |                           |                                 |                                 |                                     |                                       |                                    | a continued on next sheet?           |
| 4. SAMF         | PLING DA                         |                          |                           |                                 |                                 |                                     |                                       | Geoch                              | nemical Analyses                     |
| Method(s        | s):                              | er, Size:<br>ifugal Pump | □ Peristalti              | Bladder Pump<br>c Pump 🚨 Iner   | 2" Sub. Pun<br>tial Lift Pump [ | np 🖸 4" Sub.                        | Pump                                  | Ferrou                             | ıs Iron: mg/L                        |
| Materials       | : Pump/Bailer                    |                          | ene <b>E</b> Stair        | nless 🗆 PVC                     | □ Teflon® □ ■ Field-Clean       | Other:                              |                                       | DO:                                | mg/L                                 |
| Materials       | : Tubing/Rope                    | ₽ Polyethyl              | ene 🗅 Polv                | propviene 🗆 T                   | eflon® D Nylo                   | n □ Other:                          |                                       | Nitrate                            |                                      |
| Depth to        | Water at Time                    |                          |                           |                                 | Field-Cleaned Field Filtered    | •                                   |                                       | Sulfate                            |                                      |
|                 | D: MN-5                          |                          |                           | Sample T                        | ime: 1715                       | # of Contain                        |                                       |                                    |                                      |
|                 | Sample Collect                   |                          |                           |                                 |                                 | # of Contain                        |                                       | Aikaiiii                           | ity: mg/L                            |
| Equipme         | nt Blank Collec                  | ted? □ Y                 | es 🗹 No                   |                                 |                                 | # of Contain                        |                                       |                                    |                                      |
| 5. COMN         | /FNTS                            |                          |                           |                                 |                                 |                                     |                                       |                                    |                                      |
|                 |                                  |                          |                           |                                 |                                 |                                     |                                       |                                    |                                      |
| V               |                                  |                          |                           | ll l                            |                                 |                                     |                                       |                                    |                                      |
| Vote: Include c | omments such as                  | well condition           | on, odor, pre             | sence of NAPL,                  | or other items r                | ot on the field o                   | lata sheet.                           |                                    | 0.1                                  |
|                 |                                  |                          |                           |                                 | - <del></del>                   |                                     | 7                                     | 101/1/                             | He                                   |
| FORM GW-2       | (Rev 25.Sept.08                  | 3 - sej)                 |                           | Page                            | l of                            | 1 5                                 | gnature                               | TO CO VI                           |                                      |

#### **GROUNDWATER SAMPLING FIELD DATA SHEET**

WELL ID: <u>MW-6</u>

| 1 DDO           | JECT INF                    | ODMV.                                    | TION                                  |                               | <u></u>                                 |                                    |   |                  |                              |
|-----------------|-----------------------------|--|---------------------------------------|-------------------------------|---|------------------------------------|---|------------------|------------------------------|
|                 |                             |  |                                       |                               | 204                                     |                                    |   |                  |                              |
|                 | Number: <u>138</u>          |  |                                       |                               |   |                                    |   | retstone         |                              |
|                 | Owens Corr<br>Location: And |  |                                       |                               |   |                                    |   |                  |                              |
|                 |                             |  |                                       |                               |   |                                    |   | Rain             |                              |
| 2. WEL          | L DATA                      |  | Date Me                               |                               | 11/16/10                                |                                    | 0755_                                   | -                | oorary Well: 🗆 Yes 🖾 No      |
| Casing          | Diameter:                   | 2inc                                     | hes                                   | Type: 🗹 P                     | VC Stainles                             | s 🛚 Galv. Stee                     | l □ Teflon®                             | Other:           | <del>-</del>                 |
| Screen          | Diameter:                   | <u>2inc</u>                              | hes                                   |                               | VC Stainles                             |                                    |   |                  | <del></del>                  |
|                 | epth of Well:               |  | •                                     |                               |   |                                    |   |                  | Other:                       |
| Depth to        | Static Water:               | 16.85                                    | feet                                  | From:                         | op of Well Casin                        | ng (TOC)                           | op of Protectiv                         | ve Casing        | Other:                       |
| •               | Product:                    |  |                                       | From: 🗖 🗆                     | op of Well Casir                        | ng (TOC)                           | Γορ of Protecti                         | ve Casing 🛚      | Other:                       |
| Length o        | of Water Colum              | nn: 116.15                               | feet                                  |                               | ie:                                     |                                    |   |                  | GS):                         |
| 0. 5115         |                             | <del></del>                              | <del> </del>                          | 2000                          |   |                                    |   | ell = 0.667 gal. | /ft 6-in well = 1.469 gal/ft |
|                 | GE DATA                     |  | _                                     |                               | <b></b>                                 |                                    | _                                       |                  | Equipment Model(s)           |
| Purge M         | lethod: ☐ Ba                | iier, Size:<br>trifugal Pum <sub>l</sub> | D Peristal                            | i Bladder Pun<br>tic Pump 🚨 i | np 🖪 2" Sub. Pi<br>nertial Lift Pump    | ump 🔲 4" Sub<br>Other:             | o. Pump                                 | 1                | Monsoon                      |
|                 | s: Pump/Bailer              |  | ylene 🗷 Sta                           | inless DPV0                   | C □ Teflon® 0<br>te <b>™</b> Field-Clea | ☐ Other:                           |   | 2                | 751 556 MPS                  |
| Material        | s: Rope/Tubing              | <b>. 5</b> √Polyeth                      | vlene 🗆 Poi                           | /propylene [                  | ☐ Teflon® ☐ N                           | /lon □ Øther:                      |   | 3                |                              |
|                 |                             | ■ Dedicat                                |                                       |                               | ☐ Field-Cleane                          |                                    | ble                                     | 4                |                              |
| 1               | to Purge (minir             |  | _                                     |                               | ·                                       | -                                  |   |                  | Calibrated? □ Yes □          |
| Was we          | l purged dry?               | □ Yes<br>pH                              | Temp                                  | Pumping R                     |   | gal/min                            | Tradhialitra                            |                  | Cambrateu: La res La         |
| Time            | Cum. Gallons<br>Removed     |  |                                       | Spec. Cond                    | r > of ±10% or                          | DO > of +10% or                    | Turbidity                               | Water Level      | Comments                     |
|                 | (gal)                       | ±0.1 su                                  | ±2°C                                  | ±10 μS/cm                     |   | ±0.2 mg/L                          | ≤ 10 NTU                                |                  |                              |
| 0155            |                             | 6.39                                     | 18.58                                 | 0.124                         | -140.6                                  | 56.5                               | 1.12                                    | 16.85            |                              |
| 0800            |                             | 6.66                                     | 19.04                                 | 0.121                         | -155.0                                  | 42.9                               | 3.95                                    | 19.16            |                              |
| 0805            |                             | 6.60                                     | 19.21                                 | 0.122                         | -139.5                                  | 51.5                               | 2.05                                    | 20.34            |                              |
| 0180            |                             | 4.50                                     | 19.11                                 | 0.12.1                        | -131.2                                  | 53.7                               | 0.61                                    | 20.97            | 1                            |
| UN15            |                             | 6.48                                     | 19.10                                 | 0.119                         | -1797                                   | 54.9                               | 0.36                                    | 21.11            |                              |
| 001/2           |                             | 0.10                                     | 1 1014                                | 0-(0-)                        | 1 - 1 - 1                               | 71.0                               | 0.50                                    |                  | a continued on next sheet?   |
| 4. SAMF         | PLING DA                    | TA                                       | •                                     |                               | 4                                       |                                    |   | 1                | hemical Analyses             |
| Method(s        | s): 🗆 Baile                 | er, Size:                                |                                       | Bladder Pum                   | p 5 2" Sub. Pu                          | mp 🗆 4" Sub.                       | Pump                                    |                  | 98                           |
| Et .            | Centr                       |  | _                                     |                               | ertial Lift Pump  Teflon®               | ·                                  |   |                  | us Iron: mg/L                |
|                 | : <u>Pump</u> /Bailer       | □ Dedicate                               | d 🗅 Pre                               | pared Off-Site                | e 🗹 Field-Clear                         | ned Dispos                         | able                                    | DO:              | mg/L                         |
| Materials       | : Tubing/Rope               | Polyethy Dedicate                        | lene □ Poly <sub>l</sub><br>d □ Prepa | oropylene   red Off-Site      | Teflon®  Nyl Field-Cleaned              | on □ Other:<br>i <b>©</b> Disposab | le                                      | Nitrate          | e: mg/L                      |
|                 | Water at Time               | •  |                                       |                               |   | l? 🗆 Yes 🛭                         |   | Sulfat           | e: mg/L                      |
| Sample I        | D: <b>MW-6</b>              | Sample Da                                | <sub>ite:</sub> 1/16/1                | <b>0</b> Sample               | Time: <u>0830</u>                       | # of Contain                       | ners: <u>2</u>                          | Alkalii          | nity: mg/L                   |
| Duplicate       | Sample Colle                | cted?□ Y                                 | es 🗹 No                               | ID:                           |   | # of Contain                       | ners:                                   |                  |                              |
| Equipme         | nt Blank Collec             | ted? □ Y                                 | es <b>⊈∕</b> No                       | ID:                           |   | # of Contain                       | ners:                                   |                  |                              |
| 5. COMN         | /ENTS                       |  |                                       |                               |   | 100                                |   |                  |                              |
|                 |                             |  |                                       |                               |   |                                    | *************************************** |                  |                              |
|                 |                             |  |                                       |                               |   |                                    |   |                  |                              |
| Vote: Include d | omments such a              | s well condit                            | ion, odor, pre                        | sence of NAF                  | PL, or other items                      | not on the field                   | data sheet.                             | à                |                              |
|                 |                             |  |                                       |                               |   |                                    | 2                                       | 121              | 7.11-11                      |

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Signature Signature

# 

# **GROUNDWATER SAMPLING FIELD DATA SHEET**

| WELL ID: | <u>M</u> W-6 |
|----------|--------------|
|          |              |

|      | SE DATA                 | COLL    |       |             |        |                           |           | <del></del> |               |
|------|-------------------------|---------|-------|-------------|--------|---------------------------|-----------|-------------|---------------|
| Time | Cum. Gallons<br>Removed | pH      | Temp  | Spec. Cond. | ORP    | DO > of ±10% or           | Turbidity | Water Level | Comments      |
|      | (gal)                   | ±0.1 su | ±2°C  | ±10 μS/cm   | ±20 mV | > of ±10% or<br>±0.2 mg/L | ≤ 10 NTU  |             |               |
| 820  |                         | 6.48    | 19.07 | 0.118       | -128.6 | 55.1                      | 0.27      | 21.22       |               |
| 1    |                         |         |       |             |        |                           |           |             |               |
|      |                         |         |       | 721         |        |                           | -         |             |               |
|      |                         |         |       |             | -      |                           | -         |             |               |
|      |                         |         |       | -           |        |                           |           |             |               |
|      |                         |         |       |             |        |                           |           |             | <u> </u>      |
|      |                         |         |       | v.          |        |                           |           |             | <del></del> - |
|      |                         |         |       |             |        |                           |           |             | <u> </u>      |
|      |                         |         |       |             |        |                           |           |             | ·             |
|      |                         |         |       |             |        |                           |           |             |               |
| _    |                         | 100     |       |             |        |                           |           |             | <u> </u>      |
|      |                         |         | •     |             |        |                           |           |             |               |
|      |                         |         |       |             |        |                           | <u> </u>  |             |               |
|      |                         |         |       |             |        |                           |           |             |               |
| Ð    |                         |         |       |             |        |                           |           |             |               |
|      |                         | E       |       |             | 191    |                           |           |             |               |
|      |                         |         |       |             |        |                           |           |             |               |
|      | -                       | 24      |       |             |        |                           | _         |             |               |
|      |                         |         |       |             | .      |                           |           |             |               |
|      |                         |         |       |             | · i    |                           |           |             |               |
|      |                         |         |       |             |        |                           |           |             | <u></u>       |
|      |                         |         |       |             |        |                           |           |             |               |
|      |                         |         |       |             | •      |                           |           |             |               |
|      |                         |         |       |             |        | •                         | *         |             | -             |
|      | Ses                     |         |       |             |        |                           |           |             |               |
|      |                         |         |       |             |        |                           | -         |             |               |
|      | -                       |         | _     |             |        |                           |           |             | <del></del>   |
|      |                         | -       |       |             |        |                           | .         |             |               |
| _    |                         |         |       |             |        |                           | _         |             |               |

Purge data continued on next sheet?  $\ \square$ 

# Brown AND Caldwell

# **GROUNDWATER SAMPLING FIELD DATA SHEET**

WELL ID: MW-7

| 1 DDO           | JECT INF                   |                             | TION            |  |                             |                             |                 |                  |                                       |
|-----------------|----------------------------|-----------------------------|-----------------|--|-----------------------------|-----------------------------|-----------------|------------------|---------------------------------------|
|                 |                            |                             |                 | ·  | 1                           |                             |                 |                  |                                       |
| Client          | Number: 13                 | 86.TO                       | Task Num        | iber: <u>767.</u>                                  | 001                         | Area of Cond                | cern:           | ea Mus           | active                                |
| Project I       | ocation:                   | Ando                        | 15m S           | <i>-</i>   |                             | Meather: (                  | Menc /S         | Sunn             | 5405                                  |
|                 |                            |                             |                 |  |                             |                             |                 |                  |                                       |
|                 | DATA                       |                             |                 |  |                             |                             |                 |                  | orary Well: 🗆 Yes 🔭 No                |
|                 | Diameter: 2                |                             |                 |  |                             | Galv. Stee                  |                 |                  |                                       |
|                 | Diameter:                  | _                           | hes             |  |                             | Galv. Stee                  |                 |                  | Other:                                |
|                 | Static Water:              |                             |                 | /  |                             |                             | -               |                  | Other:                                |
| 1               | Product:                   |                             |                 | 1.4  | •                           | •                           | · ·             | _                | Other:                                |
|                 | f Water Colum              | `                           |                 |  |                             |                             |                 |                  |                                       |
| Longin          |                            |                             |                 | Note: 1-in well                                    | = 0.041 gal/ft              | 2-in well = 0.16            | 7 gal/ft 4-in w | ell = 0.667 gal/ | GS):<br>ft 6-in well = 1.469 gal/ft   |
|                 | E DATA                     |                             |                 | rged: 🔣  |                             |                             |                 |                  | Equipment Model(s)                    |
| Purge M         | ethod: 🔲 Ba                | iler, Size:<br>trifugal Pum | <br>p ☐ Perista | ☐ Bladder Pump<br>Itic Pump ☐ Ine                  | 2" Sub. Puertian Lift Pump  | ump □ 4" Sub<br>□ Other:    | . Pump          | 1                | Ys: 556                               |
|                 | s: Pump/Bailer             |                             |                 | ninless PVC<br>repared Off-Site                    |                             |                             |                 | 2                | SET-ISCE                              |
| Matoriale       | :<br>B: Rope/Tubing        | . <b>V</b> Polveth          | vlene 🗆 Pol     | vpropvlene 🗆                                       | Teflon® D Nv                | lon □ Otfer:                |                 | . 3              | Proachive ss me                       |
|                 |                            | Dedica                      | led G Prep      | ared On-Site.                                      | u Fleid-Cleane              | d Disposal                  | ble             | 4                | •                                     |
| 1               | to Purge (mini             |                             | wellv<br>☑ No   |  |                             |                             | •               | . ®              | Calibrated? XYes □ No                 |
| was wei         | I purged dry? Cum. Gallons | pH                          | Temp            | Pumping Rat<br>Spec. Cond.                         |                             | gal/min                     | Turbidity       |                  | 7.00 2.10                             |
| Time            | Removed                    | ±0.1 su                     | ±2°C            | <u> </u>   |                             | > of ±10% or                | ≤ 10 NTU        | Water Level      | Comments                              |
|                 | (gal)                      |                             |                 | ±10 μS/cm  | ±20 mV                      | ±0.2 mg/L                   | 2101110         |                  |                                       |
| 1020            | 0.5                        | 4.88                        | 21.4            | _  | 160.5                       | 2.51                        | 892             | 19.20            |                                       |
| 1025            | 3.85                       | 4.86                        | 21.93           | 4.4  | 122.6                       | 1.75                        | 430             | 19.98            |                                       |
| 1030            | 6.0                        | 4.81                        | 21.97           |  | 162.2                       | 1.50                        | 270             | 曾20.5            | 2_                                    |
| 1035            | 9.0                        | 4.77                        | 21.90           | 1135   | 181.5                       | 140                         | 1380            | <b>≥</b> 21. 2)  | ž                                     |
| 1040            | 110                        | 4.60                        | 21.57           | 921  | 一                           | 1.30                        | 36.5            | 21.88            | \                                     |
|                 |                            |                             |                 |  | 82.                         |                             |                 |                  | a continued on next sheet?            |
| 4. SAMF         | LING DA                    |                             |                 |  |                             | ,                           |                 | Geoch            | nemical Analyses                      |
| Method(s        | s):                        | er, Size:<br>ifugal Pump    | Peristalt       | Bladder Pump<br>ic Pump 🛭 Iner                     | Sub. Pur<br>tial Eift Pump( | mp □ 4" Sub.<br>□ Other:    | Pump            | Ferro            | us Iron: mg/L                         |
| Materials       | : Pump/Bailer              | ☐ Polyethy ☐ Dedicate       |                 | nless PVC (  |                             |                             | ahla            | DO               | mg/L                                  |
| Materials       | : Tubing/Rope              | Polyethy                    | lene 🛚 Poly     | propylene 🗆 T                                      | eflon® 🗆 Nyk                | on .   Other:               |                 | Nitrate          | e: mg/L                               |
|                 | Water at Time              | <b>P Redicate</b>           | d Prepa         | red Off-Site                                       | Field-Cleaned               | Disposabl                   |                 | Sulfat           |                                       |
|                 | D: MW-7                    | •                           | 'a.             | <del>.                                      </del> |                             | ? □ Yes □<br>} # of Contain | 9               | Alkalir          | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ |
|                 | Sample Colle               |                             |                 | ID:  |                             | # of Contain                |                 | Airaili          | nity: mg/L                            |
|                 | nt Blank Collec            |                             | ( )             | ID:  |                             | # of Contain                |                 | i                | ,                                     |
| 5. COMN         | /FNTS                      | <del></del>                 |                 |  |                             |                             |                 | <u> </u>         |                                       |
|                 |                            |                             |                 |  |                             |                             |                 |                  |                                       |
|                 |                            |                             |                 | <del></del> -                                      |                             |                             |                 |                  |                                       |
| Note: Include c | omments such a             | s well condit               | ion, odor, pre  | esence of NAPL,                                    | , or other items            | not on the field            | data sheet.     |                  |                                       |

# Brown AND Caldwell

#### **GROUNDWATER SAMPLING FIELD DATA SHEET**

WELL ID: MW-7

| 3 PURC   | E DATA           | (contin | ued fron | n page                   | )                      |                           |           |                |                                       |
|----------|------------------|---------|----------|--------------------------|------------------------|---------------------------|-----------|----------------|---------------------------------------|
| 5.1 0110 | Cum. Gallons     | рН      | Temp     | Spec. Cond.              | ORP                    | DO                        | Turbidity |                |                                       |
| Time     | Removed<br>(gal) | ±0.1 su | ±2°C     | > of ±3% or<br>±10 µS/cm | > of ±10% or<br>±20 mV | > of ±10% or<br>±0.2 mg/L | ≤ 10 NTU  | Water Level    | Comments                              |
| 1045     | 12.0             | 4.69    | 21.51    | 1119                     | £3.0                   | 1.28                      | 53.6      | 12.20          |                                       |
| 1050     | 13.0             | 4.68    | 2143     | 1116                     | 85.7                   | 1.26                      | 55.4      | 22,33          |                                       |
| 1035     | 14.0             | 467     | 20.87    | 1104                     | 99.9                   | 1.46                      | 53.5      | 21.90          |                                       |
| 1100     | 15.0             | 4.65    | 2148     | 1117                     | 1028                   | 1.25                      | 33.6      | 22.47          | · · · · · · · · · · · · · · · · · · · |
| 1105     | 16.0             | 4.64    | 2145     | 1146                     | 147.3                  |                           | 20.6      | 22.88          |                                       |
| 1110     | 17.0             | 463     | 21.43    | 1135                     | 143.0                  | 1.44                      | 21.8      | 23.06          |                                       |
| 1115     | 18,0             | 4.62    | 21.38    | 1143                     | 134.8                  | 1.52                      | 116.7     | 23.43          |                                       |
| 1120     | 19.0             | 4.62    |          | 152                      | 1                      | 1                         | الها      | 23.81          |                                       |
| 1125     | 26.0             | 4.62    | 21.45    | 1157                     | 130.4                  |                           | 115.3     | 23.62          |                                       |
| 1120     | 21.0             | 4.67    | 2.48     | 1185                     | ·1527                  | 2.64                      | 38.4      | 23.76          |                                       |
| 1135     | 22.0             | 4.67    | 21.53    | 1184                     | 153.2                  | 2.59                      | 109.6     | 23.79          |                                       |
| 1140     | 23.0             | 4.68    | 21.55    | 1184                     | 150.4                  | 2.52                      | 40.2      | 23.71          |                                       |
| 1145     | 24.0             | 4.68    | 21.58    | 1190                     | 156.7                  | 3.02                      | 32.3      | 23.73          | £                                     |
| 1150     | 25.0             | 4.68    | 21.50    | 1186                     | 158.8                  | 3.15                      | 13.0      | 24.01          |                                       |
| 150      | 24.0             |         |          |                          |                        |                           |           |                |                                       |
| 1155     | 27.0             | 4.68    | 21.48    | _                        | 160,4                  | 3.09                      | 32.4      | 24.12          |                                       |
| 13 1200  | 28.0             | 4.67    | 2.50     | 1188                     | 156,2                  | 2.74                      | 22.2      | 24.23          |                                       |
| 1205     | 29.0             | 4.68    |          | 1196                     | 164.2                  | 2.95                      | 32.0      | 24,31          |                                       |
| 1210     | 30,0             | 4.69    | 21.59    | 1199                     | 163                    | 3.04                      | 25.3      | 24.30          |                                       |
| 1245     | 31               | 4.68    | 21.60    | 1202                     | 172,1                  | 3,12                      | 7.4       | 24.20          |                                       |
| #        | > /              |         |          |                          |                        |                           |           |                | <u></u>                               |
|          |                  |         |          |                          |                        |                           |           |                |                                       |
|          |                  |         |          |                          |                        |                           |           |                |                                       |
|          |                  |         |          | _                        |                        |                           |           |                |                                       |
|          |                  |         |          |                          |                        |                           |           |                |                                       |
|          |                  |         |          |                          |                        |                           |           |                |                                       |
|          |                  |         |          |                          |                        |                           |           |                |                                       |
|          |                  |         |          |                          |                        |                           |           |                |                                       |
|          |                  |         |          |                          |                        |                           |           | Duran data ann | tinued on next sheet?                 |

Purge data continued on next sheet?

FORM GW-2 (Rev 11.March.10 - sej)

# **GROUNDWATER SAMPLING FIELD DATA SHEET**

WELL ID: MW-9

| 1 DDO            | IECT INIT                   |                                | TION              |                                  |   |                            |                |                 |   |
|------------------|-----------------------------|--------------------------------|-------------------|----------------------------------|---|----------------------------|----------------|-----------------|---|
|                  | JECT INF                    |                                |                   |                                  |   |                            |                |                 |   |
| •                | Number: 13                  |                                | _ Task Nur        |                                  |   |                            |                |                 |   |
|                  | Owens Cor                   | 1                              | 0                 |                                  |   |                            | restu          |                 |   |
|                  | Location: An                | uerson,                        |                   |                                  |   |                            | Quercast       |                 |   |
| 2. WEL           | L DATA                      |                                | Date M            | easured: 1                       | 1/16/10                                   | _Time:                     | 0744           | Tem             | porary Well: 🗆 Yes 🔏 No                       |
| Casing           | Diameter:                   | <u>2i</u> n                    | ches              | Type: Type:                      | /C ☐ Stainles                             | ss 🛭 Galv. Ste             | eel 🔾 Teflon®  | Other:          |   |
| Screen           | Diameter:                   | <u>2i</u> n                    | ches              | Type: TPV                        | /C ☐ Stainles                             | ss 🛚 Galv. Ste             | eel 🔾 Teflon®  | □ Other:        |   |
| Total D          | epth of Well:_              | 104                            | _feet             | From: To                         | op of Well Casi                           | ng (TOC)                   | Top of Protect | ive Casing 🛚    | Other:  |
| Depth to         | o Static Water:             | 17.64                          | _feet             | From: To                         | op of Well Casi                           | ng (TOC)                   | Top of Protect | ive Casing 🛚    | Other:  |
| Depth to         | o Product:                  | NA                             | _feet             |                                  |   | ng (TOC)                   | Top of Protect | ive Casing 🛚    | Other:  |
| Length           | of Water Colur              | nn\$6.36                       | _feet             | Well Volume                      |   | gal                        | Screened       | Interval (from  | GS): 94-104                                   |
| O DUD            | 05.5474                     |                                |                   |                                  |   |                            |                | well = 0.667 ga | l/ft 6-in well = 1.469 gal/ft                 |
| 3. PUR           | GE DATA                     | nilos Cino                     | Date Pu           | irged: <u>11∫</u>                | 60  | _Time:(                    | 7:55           |                 | Equipment Model(s)                            |
| Purge M          | lethod: Gen                 | aller, Size: _<br>trifugal Pum | p Perista         | ⊔ Bladder Pum<br>nitic Pump □ In | p <b>№</b> 72" Sub. P<br>ertial Lift Pump | Pump 🚨 4" Su<br>ວ 🗖 Other: | ib. Pump<br>   | 1               | 451 556 mPs                                   |
|                  | s: Pump/Bailer              | O D-1                          | nylene 🗹 Sta      | ainless DPVC<br>repared Off-Site | ☐ Teflon® I                               | ☐ Other:                   |                | 2.              | ei-E/E turnet                                 |
| Material         | s: Rope/Tubing              | . De olveti                    | nviene □ Po       | lvpropviene 🗆                    | Teflon® □ N                               | vion DiOther               |                | 3. <u>(</u> /   | pacture sommon                                |
|                  |                             | <b>™</b> Dedica                | ted 🗆 Prep        | ared Off-Site                    | ☐ Field-Cleane                            | ed <b>□</b> Øispos         | able           | 4.              |   |
|                  | to Purge (mini              | mum):<br>Yes                   |                   |                                  |   |                            |                |                 | Calibrated? Dryes                             |
| <u>vvas</u> we   | Il purged dry? Cum. Gallons |                                | Temp              | Spec. Cond.                      | te:                                       | gal/min                    | Tuebielitu     | 1               | Calibrated? UP Yes U                          |
| Time             | Removed                     | <u> </u>                       | ·                 | -                                | > of ±10% or                              |                            | Turbidity      | Water Level     | Comments                                      |
| <del></del> -    | (gal)                       | ±0.1 su                        | ±2°C              | ±10 μS/cm                        | ±20 mV                                    | ±0.2 mg/L                  | ≤ 10 NTU       |                 |   |
| 0757             | 0,25                        | 6.61                           | 19.54             | 109                              | 339.7                                     | 4,33                       | 1177           | 22.50           | slow pung done                                |
| 0802             | ۷.0                         | 6.16                           | 17.94             | 77                               | 353.1                                     | 5,51                       | 1196           | 21.43           |   |
| 0807             | 7.0                         | 6.17                           | 1943              | 86                               | 351.0                                     | 5.01                       | 885            | 22.18           |   |
| 0812             | 3.0                         | 6.16                           | 1921              | 79                               | 348,7                                     | 4,87                       | 588            | 72.91           |   |
| 0817             | 4.0                         | 6.13                           | 19.25             | 77                               | 349.6                                     | 5.20                       | 250            | 22.87           |   |
|                  |                             |                                |                   |                                  |   |                            |                |                 | a continued on next sheet?                    |
| 4. SAMF          | LING DA                     | TA                             |                   | نر                               |   |                            |                | Geoc            | hemical Analyses                              |
| Method(s         | s):                         | er, Size:<br>ifugal Pump       | □<br>□ Peristalti | Bladder Pump<br>c Pump 🛭 iner    | 2" Sub. Pur                               | mp 🔲 4" Sub                | . Pump         | Ferro           | us Iron: mg/L                                 |
| Materials        | : Pump/Bailer               |                                | lene 🖫 Stair      | nless PVC pared Off-Site         | ☐ Teflon® ☐                               | Other:                     |                | DO:             | mg/L  |
| Materials        | : Tubing/Rope               | D-Polvethy                     | lene D Poly       | nronvlene D.T                    | eflon® D Nyl                              | on □ Other:                | sable          | Nitrate         |   |
|                  | •                           | <b>Dedicate Dedicate</b>       | d O Prepa         | red Off-Site □                   | Field-Cleaned                             | <b>4</b> Disposal          | -              |                 |   |
|                  | Water at Time               | -                              |                   |                                  | Field Filtered                            |                            |                | Sulfat          | VVA-  |
|                  | Sample Collec               |                                |                   | _                                |   |                            | . W            | Alkalir         | nity: 1 \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ |
|                  | ot Blank Collec             |                                |                   | ເD:<br>ເຄ <u>ີຍຄະໄໄ</u>          | -15-2510                                  | # of Contai                |                | 140             | •   |
|                  |                             | iteu: u i                      | es                | 10                               |   | # of Contai                | ners:          |                 |   |
| 5. COMN          | MENTS _                     |                                |                   | · · ·                            |   |                            |                |                 |   |
|                  |                             |                                |                   |                                  |   |                            |                |                 |   |
| lote: Include as | mmanta auch -               | - well as - d'''               |                   |                                  |   | 523                        |                | 817             |   |
| oto. molade CC   | omments such as             | weii conditi                   | on, odor, pre     | sence of NAPL,                   | or other items                            | not on the field           | data speet.    |                 | 8) 7  |
| ODE OVE          | _                           |                                |                   |                                  |   |                            | 1              | 1               |   |
| ORM GW-2         | (Rev 25.Sept.08             | 3 - sej)                       |                   | _                                | _   |                            | Signature      | コノレト            | $\mathcal{L}$                                 |

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#### **GROUNDWATER SAMPLING FIELD DATA SHEET**

WELL ID: MW-9

| 3.1 OI (         | GE DATA                 |               |              |            |                |                 |                       |             |   |
|------------------|-------------------------|---------------|--------------|------------|----------------|-----------------|-----------------------|-------------|---|
| Time             | Cum. Gallons<br>Removed | pH<br>±0.1 su | Temp<br>±2°C |            |                | DO > of ±10% or | Turbidity<br>≤ 10 NTU | Water Level | Comments                                    |
|                  | (gal)                   |               | 19.05        | ±10 μS/cm  | ±20 mV         | ±0.2 mg/L       |                       | 22.89       | · · · · · · · · · · · · · · · · · · ·       |
| 0822             | 5.0                     | 6.11          |              |            | 351.7          | 5.38            | 622                   |             |   |
| 0827             | 6.0                     | 6.10          | 18.96        |            | 353.7          | 5.51            | 709                   | 22.75       |   |
| 0832             | 7.0                     | 6,10          | 18.91        | 74         | 355.7          | 5.59            | 555                   | 22.58       | _   |
| 0834             | 8.0                     | او.نام        | 18.81        | 73         | 357,1          | 5.60            | 364                   | 22.56       |   |
| 0842             | 9,000                   | 6,09          | 18.82        | 73         | 358,2          | 5.61            | 369                   | 22.54       | called Juson, wait<br>2nr oruntil tukbidete |
| 0847             | 10.0                    | 6.9           | 18.72        | 73         | 359,4          | 5,60            | 299                   | 2249        | first.                                      |
| 0852             | 11.0                    | 6,10          | 18,60        | 72         | 360.5          | 5.57            | 122,3                 | 22,12       |   |
| 057              | 12.0                    | 6,09          | 18.86        | 73         | 359.4          | 5.59            | 80.5                  | 22.46       |   |
| 0902             | 13.0                    | 6.09          | 1892         | 72         | 357.3          | 5.60            | 72.5                  | 22,44       |   |
| 0907             | 14.0                    | 6.10          | 19.00        | 74         | 3 <i>5</i> 3.1 | 5.56            | 54.1                  | 22.40       | T'  |
| 0912             | 15.0                    | 6.07          | 19,05        | 73         | 351.0          | 5,55            | 44.7                  | 22 46       | l a   |
| 0917             | 16.0                    | 6,09          | 9:13         | 73         | 349.3          | 5.56            | 38.1                  | 22.53       |   |
| 0922             | 17.0                    | 6.08          | 19.10        | 73         | 347,0          | 5.57            | 25.7                  | 22.75       | ,   |
| 0927             | 18.0                    | 80.0          | 19.17        | 73         | 342.5          | 5.5 G           | 24.6                  | 22.65       |   |
| 0432             | 19.0                    | 6.04          | 19.02        | - 73       | 344.8          | €5,56           | 34.5                  | 72.53       |   |
| 0937             | 20.0                    | 6.02          | 18.98        | 73         | 346.1          | 5,56            | 27.6                  | 22,40       |   |
| 0942             | 21.0                    | (0.02         | 1890         | 73         | 345.3          | 5.59            | L5.8.                 | 22.40       | ,   |
| 0947             | 22.0                    | 6,02          | 18.99        | 73         | 3 43,3         | 5.60            | 23,3                  | 22.83       |   |
| 095 <sub>2</sub> | 23.0                    | 6.02          | 18.84        | 73         | 344.3          |                 | 19.3                  | 22,38       |   |
| 0957             |                         | 6,03          | 19.03        | 7-4        | 344,5          |                 | 22.9                  |             |   |
|                  |                         |               | 0            | <u>i</u> i |                |                 |                       |             |   |
|                  |                         |               |              |            |                |                 |                       |             | 6   |
|                  |                         |               | <u> </u>     |            |                |                 | /                     |             |   |
|                  |                         |               |              |            |                |                 |                       | >           | 27.   |
|                  |                         |               |              |            |                |                 |                       | , ,         | <del>,</del>                                |
|                  |                         |               |              |            |                |                 |                       | ,           |   |
|                  |                         |               |              |            | <u> </u>       |                 |                       |             |   |
|                  |                         |               | ¥            |            |                |                 |                       |             |   |

Purge data continued on next sheet?

FORM GW-2 (Rev 25.Sept.08 - sej)

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## **GROUNDWATER SAMPLING FIELD DATA SHEET**

WELL ID: MW-10

|                 |                     |                       |                         |                                |                             |                           |                |                       | <u> </u>                     |
|-----------------|---------------------|-----------------------|-------------------------|--------------------------------|-----------------------------|---------------------------|----------------|-----------------------|------------------------------|
| 1. PRO.         | JECT INF            | ORMA                  | TION                    |                                |                             |                           |                |                       |                              |
|                 | Number: <u>138</u>  |                       | -                       |                                |                             |                           |                |                       |                              |
|                 | Owens Corr          |                       |                         |                                |                             | _Personnel:               |                |                       | isone                        |
| L               | Location: And       |                       |                         |                                |                             |                           |                |                       | 58°F                         |
| 2. WEL          | L DATA              |                       | Date Me                 | easured: <u>Il</u>             | 16/10                       | _Time:                    | 14.45          | Temp                  | porary Well: □Yes 🕱 (lo      |
| Casing I        | Diameter:           | 2ind                  | ches                    | Type: dpr√                     | C Stainles                  | s 🛚 Galv. Stee            | I □ Teflon®    | Other:                |                              |
| Screen          | Diameter:           | <u>2</u> ind          | ches                    | Type: ☐ PV                     | C Stainles                  | s 🛚 Galv. Stee            | ! □ Teflon®    | Other:                |                              |
| Total De        | epth of Well:       | 71.4                  | feet                    | From: To                       | p of Well Casin             | ng (TOC) 🔲 T              | op of Protecti | ve Casing 🛚           | Other:                       |
| Depth to        | Static Water:       | 25.89                 | feet                    | From: D To                     | p of Well Casin             | ng (TOC) 🔲 T              | op of Protecti | ve Casing 🛚           | Other:                       |
| Depth to        | Product:            | NA                    | feet                    | From: 🗆 To                     | p of Well Casir             | ng (TOC) 🔲 T              | op of Protecti | ve Casing             | Other:                       |
| Length o        | of Water Colun      | nn:                   | feet                    | Well Volume                    | e:                          | _gal                      | Screened I     | nterval (from         | GS):                         |
| 0. 5115         | OF DATA             |                       |                         |                                |                             |                           |                | vell = 0.667 gal/     | /ft 6-in well = 1.469 gal/ft |
|                 | GE DATA             |                       |                         |                                |                             | Time: 代                   |                |                       | Equipment Model(s)           |
| Purge M         | lethod: ☐ Ba        |                       |                         |                                |                             |                           |                |                       | KSI 556                      |
| Material        | s: Pump/Bailer      | . □ Polyeth           | iylene ⊈Sta<br>ted □ Pi | ainless OFFVC repared Off-Site | ☐ Teflon® [<br>D.Pleld-Clea | Other:aned Dispo          | sable          |                       | ORT-15CE                     |
| Material        | s: Rope/Tubino      | , 12 Polyeth          | ylene 🗆 Poi             | lypropylene 🗆                  | Teflon® 🗆 Ny                | vlon □ Other:             |                | 3. <u> </u>           | reactive SS Monson           |
| l               |                     | <b>Degica</b>         |                         |                                |                             | ed Disposal               | ble            | 4                     |                              |
|                 | to Purge (mini      | mum):<br>Yes          | <b>\</b> /              |                                | te:                         |                           |                |                       | Calibrated? Yes              |
| vvas we         | Cum. Gallons        | 1                     | Temp                    | Spec. Cond.                    |                             | DO                        | Turbidity      |                       | / \                          |
| Time            | Removed<br>(gal)    | ±0.1 su               | ±2°C                    | > of ±3% or<br>±10 µS/cm       |                             | > of ±10% or<br>±0.2 mg/L |                | Water Level           | Comments                     |
| 1457            | 0                   | 4.98                  | 19.96                   | 26                             | 313.0                       | 13.01                     | 7.75           | 26.80                 |                              |
| 1502            | 1.0                 | 4.90                  | 20.09                   | 25                             | 329.5                       | 6.51                      | 3.44           | 26.90                 |                              |
| 1507            | 2.0                 | 4.99                  | 20,13                   | 25                             | 336,4                       | 5.81                      | 2.11           | 26,95                 |                              |
| 1512            | 3. u                | 5.11                  | 20,15                   | 25                             | 337.6                       | 5,60                      | 3.05           | 74.55                 |                              |
| 1517            | 4.0                 | 4.90                  | 19.98                   | 26                             | 355.8                       | 5.44                      | 4.21           | z8,46                 |                              |
| , , ,           | 170                 | <u> </u>              | 177.0                   | 20                             | 0 0 0 0 0                   |                           | /              |                       | a continued on next sheet?   |
| 4. SAMF         | PLING DA            | TA                    |                         |                                |                             |                           |                | Geocl                 | hemical Analyses             |
| Method(s        | s): 🔲 Bail          | ler, Size:            | □<br>□ Peristalt        | l Bladder Pump                 | Sub. Pur                    | mp □ 4" Sub.<br>□ Other:  | Pump           |                       | us Iron: mg/L                |
| Materials       | : Pump/Bailer       | ☐ Polyethy            | lene di Stai            | nless <b>I</b> PVC             | ☐ Teflon® ☐                 | Other:                    |                | DO:                   | mg/L                         |
| Motoriala       | :<br>:: Tubing/Rope | ☐ Dedicate ☐ Dedicate |                         | epared Off-Site                |                             | •                         | able           | Nitrate               |                              |
|                 |                     | Dedicate              | ed U Prepa              | ared Off-Site L                | ⊒ Field-Cleaned             | d <b>W</b> PDisposab      |                |                       | $\sqrt{\Lambda/\Lambda}$     |
|                 | Water at Time       |                       |                         |                                |                             | l? □ Yes 🕽                | `              | Sulfat                | /                            |
|                 | D: <u>MW-10</u>     |                       |                         |                                |                             |                           |                | Alkalir               | nity: mg/L                   |
|                 | Sample Colle        |                       | • ;                     |                                |                             | # of Contair              |                |                       |                              |
| Equipme         | nt Blank Colle      | cted? U               | res Un No               | ID:                            |                             | # of Contair              | ners:          |                       |                              |
| 5. COM          | MENTS               |                       |                         |                                |                             | ja ja                     |                |                       |                              |
| 4-15:55         |                     |                       |                         |                                |                             |                           |                |                       |                              |
| Note: Include : | comments such a     | e well cond           | tion oder e-            | acance of MADI                 | or other item-              | not on the fold           | data chast     |                       |                              |
| rvote. monue (  | Comments Such a     | is well colldl        | ion, odor, pr           | esence oi NAPL                 | ., or other items           | not on the field          | vala sneet.    | 1.                    | 1                            |
| FORM CONT       |                     |                       |                         |                                |                             |                           | M              | $\supset \mathcal{N}$ | Mc.                          |
| FORM GW-2       | Rev 25.Sept.0       | )8 - sej)             |                         | Dane                           | -6                          | ;                         | Signature      | _ / '                 |                              |

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# **GROUNDWATER SAMPLING FIELD DATA SHEET**

|        | Um. Gallons      | pН      | Temp  | Spec. Cond.              | ORP   | DO                        | Turbidity         |             |   |
|--------|------------------|---------|-------|--------------------------|-------|---------------------------|-------------------|-------------|---|
|        | Removed<br>(gal) | ±0.1 su | ±2°C  | > of ±3% or<br>±10 µS/cm |       | > of ±10% or<br>±0.2 mg/L | ≤ 10 NTU          | Water Level | Comments                                |
| 522    | 5.0              | 4.97    | 19.93 | 26                       | 358,4 | 5.47                      | 2.14              | 28.53       | · · · · · · · · · · · · · · · · · · ·   |
| 1527 ( | 0.0              | 5.00    | 19.92 | 27                       | 362.6 | 5.42                      | ó. <del>7</del> 3 | 28.60       |   |
| 532    | l)Q              |         |       |                          |       |                           |                   |             |   |
| 537    | 8.0              |         |       |                          |       |                           |                   |             |   |
|        |                  |         |       | · .                      |       |                           |                   |             |   |
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FORM GW-2 (Rev 25.Sept.08 - sej)

# **GROUNDWATER SAMPLING FIELD DATA SHEET**

WELL ID: <u>MW-11</u>

| 1 BBO           | JECT INF                | ODMA                          | TION                    |                               | <del>.</del>                        |                            |                               |                                   |                                      |
|-----------------|-------------------------|-------------------------------|-------------------------|-------------------------------|-------------------------------------|----------------------------|-------------------------------|-----------------------------------|--------------------------------------|
|                 |                         |                               |                         |                               | 04                                  |                            |                               |                                   |                                      |
|                 | Number: 138             |                               |                         |                               |                                     |                            |                               | 1. 0                              |                                      |
|                 | Owens Cor               | -                             |                         |                               |                                     | _ Personnel:               | Mus                           | the Y                             | nusgne                               |
|                 | Location: And           |                               |                         |                               |                                     |                            |                               |                                   |                                      |
|                 |                         |                               |                         | easured: <u>)</u>             | 4310                                | Time: 1                    | :50                           | Temp                              | oorary Well: □Yes □No                |
| f               | Diameter:               |                               |                         |                               |                                     | s 🛚 Galv. Stee             |                               |                                   |                                      |
| ,               | Diameter:               |                               |                         | _                             |                                     | s 🛚 Galv. Stee             |                               |                                   |                                      |
| ſ               | epth of Well:           |                               | <del>-</del> ,          |                               |                                     |                            |                               | ·                                 | Other:                               |
|                 | Static Water:           | _                             | -                       |                               |                                     |                            |                               |                                   | Other:                               |
|                 | Product:                |                               | -                       |                               |                                     |                            |                               |                                   | Other:                               |
| Length o        | of Water Colun          | nn:                           | _feet                   |                               |                                     | gal<br>gal<br>gall = 0.16  | Screened I<br>7 gal/ft 4-in v | nterval (from<br>vell = 0.667 gal | GS):<br>/ft 6-in well = 1.469 gal/ft |
| 3. PUR          | GE DATA                 |                               | Date Pu                 |                               |                                     | Time: //-                  |                               |                                   | Equipment Model(s)                   |
| Purge M         | lethod: 🗀 Ba            | iler, Size: _<br>trifugal Pum |                         | ☐ Bladder Pumi                | P 2" Sub. Prential Lift Pump        | ump 🗆 4" Sub               | . Pump                        |                                   | 5:556                                |
| Material:       | s: Pump/Bailer          | . Delyeth                     | nylene <b>⊈∕</b> Sta    | inless - PVC                  | □ Teflon® □                         | Other:                     |                               |                                   | o Achy Is mason                      |
|                 | :<br>s: Rope/Tubing     | Polveth                       | ıvlene □ Pol            | voropylene                    | Teffon® U N                         | Inea Dispos                |                               |                                   |                                      |
|                 |                         | <b>U</b> ≉Dedica              | tea Li Prep             | ared Off-Site                 | ☐ Field-Cleane                      | ed Disposal                | ole                           | 4.                                | ·                                    |
|                 | to Purge (mini          |                               |                         |                               |                                     |                            |                               |                                   | Onliberta do Adria D                 |
| Was we          | Il purged dry?          | ☐ Yes                         | <u> </u>                | 1                             | te:                                 |                            |                               | 1                                 | Calibrated? 🔾 (es 🗆                  |
| Time            | Cum. Gallons<br>Removed |                               | Temp                    | Spec. Cond.                   |                                     | DO<br>> of ±10% or         | Turbidity                     | Water Level                       | Comments                             |
|                 | (gal)                   | ±0.1 su                       | ±2°C                    | ±10 μS/cm                     | ±20 mV                              | ±0.2 mg/L                  | ≤ 10 NTU                      |                                   |                                      |
| 11:57           | 0                       | 6,79                          | 17.74                   | 315                           | 175,4                               | 10.32                      | 86.8                          | 5.32                              | ,                                    |
| 11:32           | 1.0                     | 6.76                          | 18,33                   | 363                           | 745.5                               | 2.06                       | 14.9                          | 5.41                              | *                                    |
| 11:37           | 2.0                     | 6.72                          | 18.42                   | 397                           | 39.3                                | 1.49                       | 4.29                          | 5.20                              |                                      |
| 11:42           | 3.0                     | 6.71                          | 18.41                   | 405                           | 25.7                                | 1.32                       | 2,85                          | 5,28                              |                                      |
| 11:47           | 4,0                     | 6,71                          | 18.49                   | 406                           | 17.6                                | 1,23                       | 2.37                          | 5,25                              |                                      |
|                 |                         |                               |                         |                               |                                     |                            |                               | Purge data                        | a continued on next sheet?           |
| 4. SAMF         | PLING DA                | TA                            |                         |                               |                                     |                            |                               | Geoch                             | nemical Analyses                     |
| Method(s        | s): 🔲 Baile<br>🔾 Centr  | er, Size:<br>ifugal Pump      | □ Peristalti            | Bladder Pump ic Pump          | Sub. Pur "2 الكيار<br>أ Sub. Pump ( | mp 🚨 4" Sub. I<br>🗅 Other: | Pump                          | Fe(rou                            | ıs Iron: mg/L                        |
| Materials       | : Pump/Bailer           | ☐ Polyethy ☐ Dedicate         | lene ⊈Stair<br>ed □ Pre | nless PVC  <br>pared Off-Site | ☐ Teflon® ☐                         | Other:                     | able                          | DO:                               | mg/L                                 |
| Materials       | : Tubing/Rope           | Polyethy                      |                         |                               |                                     |                            |                               | Nitrate                           | e:mg/L                               |
|                 | Water at Time           |                               | ng: 5,                  |                               | Field Filtered                      |                            | e<br>No                       | Sulfate                           | e:M4mg/L                             |
| Sample II       | D: MW-11                | Sample Da                     |                         |                               |                                     | _ # of Contain             | ` _                           | Alkalin                           | nity: mg/L                           |
| Duplicate       | Sample Colle            | cted?□ Y                      | es 🗷 No                 | ID:                           |                                     | # of Contain               |                               |                                   |                                      |
| Equipme         | nt Blank Collec         | cted? □ Y                     | es X No                 | ID:                           |                                     | # of Contain               | ers:                          |                                   |                                      |
| 5. COMN         | MENTS                   |                               |                         |                               |                                     |                            |                               |                                   |                                      |
|                 |                         |                               |                         |                               |                                     |                            |                               |                                   |                                      |
|                 |                         |                               |                         |                               |                                     |                            |                               |                                   |                                      |
| iote: Include c | omments such a          | s well condit                 | ion, odor, pre          | sence of NAPL,                | or other items                      | not on the field o         | lata sheet.                   |                                   |                                      |
|                 |                         |                               | 83                      |                               |                                     | /                          |                               | <del>\</del>                      | 1 /-                                 |



# **GROUNDWATER SAMPLING FIELD DATA SHEET**

| WELL ID: | MW-11 |  |
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|              | GE DATA                 | pН            |              |                            | 000                 | DO                 | Total Care            | T T         |             |
|--------------|-------------------------|---------------|--------------|----------------------------|---------------------|--------------------|-----------------------|-------------|-------------|
| Time         | Cum. Gallons<br>Removed | рн<br>±0.1 su | Temp<br>±2°C | Spec. Cond.<br>> of ±3% or | ORP<br>> of ±10% or | DO<br>> of ±10% or | Turbidity<br>≤ 10 NTU | Water Level | Comments    |
| ·            | (gal)                   |               |              | ±10 μS/cm                  | ±20 mV              | ±0.2 mg/L          |                       |             |             |
| 152          | 5,0                     | 6171          | 18,44        | 408                        | 13.0                | 1, 20              | 1.81                  | 5.28        |             |
|              |                         |               |              |                            |                     |                    |                       |             |             |
|              |                         |               |              |                            |                     |                    |                       |             |             |
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Purge data continued on next sheet?

Signature

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FORM GW-2 (Rev 25.Sept.08 - sej)

# **GROUNDWATER SAMPLING FIELD DATA SHEET**

WELL ID: MW-12

| 1. PRO          | JECT INF           | ORMA                        | TION                    |                                   |                                  |                                  |                               |                                       |                                     |
|-----------------|--------------------|-----------------------------|-------------------------|-----------------------------------|----------------------------------|----------------------------------|-------------------------------|---------------------------------------|-------------------------------------|
| Project         | Number: <u>138</u> | 3670                        | _ Task Num              | nber: <u>200.00</u>               | 01                               | Area of Cond                     | em:                           |                                       |                                     |
| Client:_        | Owens Corr         | ning                        |                         |                                   |                                  | _Personnel:                      | Kri st                        | 1 Musy                                | rone.                               |
| Project         | Location: And      | derson, S                   | South Car               | rolina                            | ·                                | _Weather:                        | Sunny                         | /Clear                                | €5°F                                |
| 2. WEL          | L DATA             |                             | Date Me                 | easured: _\'                      | 1/11/10                          | Time:                            | 10:10                         | Temp                                  | orary Well: □Yes □No                |
| 1               | Diameter:          |                             |                         |                                   |                                  | s ☐ Galv. Stee                   |                               |                                       |                                     |
| Screen          | Diameter:          | <u>2inc</u>                 | ches                    | Type: Z PV                        | C   Stainles:                    | Galv. Stee                       | □ Teflon®                     | Other:                                |                                     |
| Total De        | epth of Well:      | 33                          | _feet                   | From: 🗹 To                        | p of Well Casin                  | g (TOC) 🗆 T                      | op of Protectiv               | ve Casing 🔲 (                         | Other:                              |
| Depth to        | Static Water:      | 5-51                        | _feet                   | From: 🗖 To                        | p of Well Casin                  | g (TOC) 🗆 T                      | op of Protectiv               | ve Casing 🔲 (                         | Other:                              |
| Depth to        | Product:           | NA                          | _feet                   | From: 🗆 To                        | p of Well Casir                  | ng (TOC) 🔲 T                     | op of Protecti                | ve Casing 🔲                           | Other:                              |
| Length o        | of Water Colum     | nn:                         | feet                    | Well Volume<br>Note: 1-in well    | e:<br>= 0.041 gal/ft             | _ gal<br><i>2-in well = 0.16</i> | Screened I<br>7 gal/ft 4-in w | nterval (from (<br>vell = 0.667 gai/1 | GS):<br>ft 6-in well = 1.469 gal/ft |
|                 | GE DATA            |                             | Date Pu                 | rged: 11                          | 17/10                            | Time: 10:                        | 23                            |                                       | Equipment Model(s)                  |
| Purge N         | lethod: ☐ Ba       | iler, Size:<br>trifugal Pum | (<br>p □ Perista        | □ Bladder Pump<br>Itic Pump □ Inc | 2" Sub. Pi<br>ertial Lift Pump   | ump 🔲 4" Sub<br>Other:           | . Pump                        | 1. <u>Y</u>                           | 51 554                              |
|                 | s: Pump/Bailer     | ☐ Polyeth                   | ylene ⊿ Sta<br>ted □ Pi | ainless PVC                       | ☐ Teflon® [                      | Other:                           | sable                         | 2. <u> </u>                           | roActive SS monson                  |
| Material        | s: Rope/Tubing     | , 🗷 Polveth                 | vlene 🗆 Pol             | Ivoropylene 🗆                     | Teflon® □ N                      | /lon □ Other:                    | /                             | 3. <u> </u>                           |                                     |
| Volume          | to Purge (minir    | -                           |                         |                                   |                                  | ed Desposal                      | oie .                         | 4                                     |                                     |
|                 | I purged dry?      | ☐ Yes                       |                         | Pumping Ra                        |                                  |                                  |                               |                                       | Calibrated? Yes                     |
|                 | Cum. Gallons       | рН                          | Temp                    | Spec. Cond.                       |                                  | DO                               | Turbidity                     |                                       | ,,                                  |
| Time            | Removed<br>(gal)   | ±0.1 su                     | ±2°C                    | > of ±3% or<br>±10 µS/cm          |                                  | > of ±10% or<br>±0.2 mg/L        | ≤ 10 NTU                      | Water Level                           | Comments                            |
| 13:24           | 0                  | 6.06                        | 18.25                   | 139                               | 207.5                            | 7.19                             | 4/11                          | 8.56                                  | -                                   |
| 10:29           | 0.5                | 5.94                        | 19,18                   | 140                               | 224.1                            | 3.65                             | 2.67                          | 9,79                                  |                                     |
| 1034            | 600                | 5,85                        | 18.25                   | 140                               | 230.0                            | 2,98                             | 4.2.16                        | 10.45                                 | 8                                   |
| 1039            | 1.5                | 5.98_                       | 18,29                   | 144                               | 233.0                            | 3.23                             | 1.96                          | 12.15                                 |                                     |
| 1044            | 2.00               | <b>ছ</b> .४०                | 18,22                   | . 139                             | 237.4                            | 2.23                             | 2.99                          | 12.54                                 |                                     |
| -               | T14                |                             | ,                       |                                   | ÷                                |                                  |                               | Purge data                            | continued on next sheet?            |
| 4. SAMF         | PLING DA           |                             |                         | ,                                 |                                  |                                  |                               | Geoch                                 | nemical Analyses                    |
| Method(s        | s):                | er, Size:<br>ifugal Pump    | ☐ Peristalt             | Bladder Pump<br>ic Pump □ Inei    | كلر 2" Sub. Pu<br>tial Lift Pump | mp 🔲 4" Sub.<br>🗎 Other:         | Pump                          | Ferrou                                | ıs Iron: mg/L                       |
| Materials       | : Pump/Bailer      | ☐ Polyethy                  |                         | nless 🗹 PVC<br>epared Off-Site    |                                  |                                  | able                          | DO:                                   | mg/L                                |
| Materials       | : Tubing/Rope      | Polvethy                    | lene □ Polv             | roropviene 🗆 T                    | reflon® □ Nvl                    |                                  |                               | Nitrate                               | n: mg/L                             |
| Depth to        | Water at Time      |                             |                         |                                   |                                  | l? □ Yes □                       |                               | Sulfate                               | e: ( <u>NA</u> mg/L                 |
|                 | D:MW-12            | -                           |                         |                                   |                                  |                                  |                               | Alkalir                               | nity: mg/L                          |
|                 | Sample Colle       |                             | ſ                       |                                   |                                  |                                  | ners: 2                       | C12:00                                |                                     |
| Equipme         | nt Blank Collec    | ted? 🗆 Y                    | es XQ No                | ID:                               |                                  | # of Contain                     | ners:                         | ·                                     |                                     |
| 5. COMN         | /ENTS              |                             | <del></del>             |                                   |                                  |                                  |                               | <u> </u>                              |                                     |
|                 | <del>-</del> -     |                             |                         |                                   |                                  |                                  |                               |                                       |                                     |
|                 | ,                  |                             |                         |                                   |                                  |                                  |                               |                                       |                                     |
| Note: Include c | omments such a     | s well condit               | ion, odor, pre          | esence of NAPL                    | , or other items                 | not on the field                 | data sheet.                   | · / /                                 | /                                   |
|                 |                    |                             |                         |                                   |                                  |                                  |                               | 44-1                                  | lhua                                |

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#### **GROUNDWATER SAMPLING FIELD DATA SHEET**

| WELL ID: | <b>MW-12</b> |  |
|----------|--------------|--|
|          |              |  |

139 3. PURGE DATA (continued from page 237 2,32 Cum. Gallons рΗ Temp Spec. Cond. ORP DO Turbidity Time Removed Water Level Comments > of ±3% or |> of ±10% or |> of ±10% or ±2°C ≤ 10 NTU ±0.1 su (gal) ±10 μS/cm ±20 mV ±0.2 mg/L 18.35 148 1330 5.89 2.09 4.32 1048 3.0 240.3 3,50 5.89 18.35 147 238,2 1054 3.81 2.18 14.33 15,58 5.86 18.39 145 239.5 101058 4.0 2.22 404

Purge data continued on next sheet? 

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|-----------|------------------------|------|----|
|           |                        | Page | of |

## **GROUNDWATER SAMPLING FIELD DATA SHEET**

BROWN AND CALDWELL

WELL ID: MW-13

| 4 000           | IFOT INF                    | OD144              | TION                      |                                 |                                       |                                      |                 |                  |                                      |
|-----------------|-----------------------------|--------------------|---------------------------|---------------------------------|---------------------------------------|--------------------------------------|-----------------|------------------|--------------------------------------|
|                 | JECT INF                    |                    | _                         |                                 | 24                                    |                                      |                 |                  |                                      |
|                 | Number: <u>138</u>          |                    |                           |                                 |                                       |                                      | / - 1           | مماليك           |                                      |
| _               | Owens Corr<br>Location: And |                    |                           |                                 |                                       | Personnel:                           | K. Whe          |                  |                                      |
|                 |                             | ieison, c          |                           |                                 |                                       |                                      |                 |                  |                                      |
| 2. WELI         | L DATA                      |                    | Date Me                   |                                 |                                       |                                      |                 |                  | porary Well:   Yes   No              |
| Casing I        | Diameter:                   | 2ind               | ches                      | Type: d PV                      | C 🗆 Stainless                         | Galv. Steel                          | ☐ Teflon®       | Other:           | <del></del>                          |
| Screen I        | Diameter:                   | <u>2inc</u>        | hes                       | _                               |                                       | Galv. Steel                          |                 |                  |                                      |
|                 | pth of Well:                |                    | •                         | ,                               |                                       |                                      |                 |                  | Other:                               |
| Depth to        | Static Water:_              | 6.26               | feet                      |                                 |                                       |                                      |                 |                  | Other:                               |
|                 | Product:                    |                    | feet                      | From:   To                      | p of Well Casin                       | g (TOC) 🗆 T                          | op of Protectiv | ve Casing        | Other:                               |
| Length o        | of Water Colum              | n: של אח:          | feet                      |                                 |                                       |                                      |                 | nterval (from    | GS):<br>/ft 6-in well = 1.469 gal/ft |
| 2 DI ID(        | SE DATA                     |                    | Data Du                   |                                 |                                       |                                      |                 | eli = 0.007 gal/ |                                      |
|                 |                             |                    |                           |                                 |                                       |                                      |                 |                  | Equipment Model(s)                   |
| Purge M         | ethod: ☐ Bai                |                    |                           |                                 |                                       |                                      |                 | 1 [              | VIDASOON                             |
| Materials       | s: <u>Pum</u> p/Bailer      | ☐ Polyeth☐ Dedicat |                           |                                 | ☐ Teflon® ☐ ☐ Field-Clea              | I Other:<br>ned □ Dispo:             | sable           | 2                | 121 20 IM 2                          |
| Materials       | s: Rope/Tubing              | Polyeth            | ylene 🖸 Pol               | ypropylene  ared Off Site       | Teflon® □ Ny                          | lon ☐ Other:_<br>d <b>☞</b> Disposal |                 | 3                |                                      |
| Volume          | to Purge (minir             |                    |                           |                                 |                                       |                                      | ріе             | 4                |                                      |
|                 | I purged dry?               | ☐ Yes              |                           |                                 | te:                                   | _                                    |                 |                  | Calibrated? Yes                      |
|                 | Cum. Gallons                | pН                 | Temp                      | Spec. Cond.                     |                                       | DO                                   | Turbidity       |                  |                                      |
| Time            | Removed (gal)               | ±0.1 su            | ±2°C                      | > of ±3% or<br>±10 µS/cm        | > of ±10% or<br>±20 mV                | > of ±10% or<br>±0.2 mg/L            | ≤ 10 NTU        | Water Level      | Comments                             |
| 1043            |                             | 5.41               | 18.25                     | 0.125                           | -153.2                                | 64.6                                 | 1.57            | 656              |                                      |
| 1048            |                             | 4.97               | 18.71                     | 0.126                           | -157.8                                | 48.0                                 | 0.23            | 6.6              |                                      |
| 1053            |                             | 4.94               | 18.73                     | 0.125                           | - 155.2                               | 44.9                                 | 0.05            | 6.60             |                                      |
| 1058            |                             | 4.94               | 18.75                     | 0.125                           | -152.7                                | 44.0                                 | 0.07            | 6.60             |                                      |
| 1               |                             |                    |                           |                                 |                                       |                                      |                 |                  |                                      |
|                 |                             | nata y             |                           |                                 |                                       |                                      |                 | Purge data       | a continued on next sheet?           |
| 4. SAMF         | LING DA                     | TA                 |                           |                                 | · · · · · · · · · · · · · · · · · · · |                                      | -               |                  | nemical Analyses                     |
| Method(s        |                             |                    |                           | Bladder Pump                    | ₩ 2" Sub. Pur                         | mp □ 4" Sub. I<br>□ Other:           | Pump            |                  |                                      |
| ,               |                             |                    |                           |                                 |                                       |                                      |                 |                  | us Iron: mg/L                        |
|                 |                             |                    |                           |                                 |                                       | Other:<br>ed                         | able            | DO:              | mg/L                                 |
| Materials       | : Tubing/Rope               | Polyethy Dedicate  | lene □ Poly<br>ed □ Prepa | propylene 🔲 🤇<br>red Off-Site 🖸 | 「eflon® □ Nyk<br>〕Field-Cleaned       | on ☐ Other:<br>Disposabl             | <u>.</u>        | Nitrate          | e: mg/L                              |
| Depth to        | Water at Time               | of Sampli          | ng:                       |                                 | Field Filtered                        | ? □ Yes □                            | l No            | Sulfat           | e: mg/L                              |
| Sample I        | D: MW-13 :                  | Sample Da          | <sub>ate:</sub> 11/17/    | 10 Sample T                     | ime: <u>  1110</u>                    | _ # of Contair                       | ners: 2         | Alkalir          | nity: mg/L                           |
| Duplicate       | Sample Colle                | cted?□ Y           | ′es আ√ No                 | ID:                             |                                       | # of Contain                         | ners:           |                  |                                      |
| Equipme         | nt Blank Collec             | ted? 🗅 Y           | ′es <b>≅</b> No           | ID:                             |                                       | # of Contain                         | ers:            |                  |                                      |
| 5. COMN         | //ENTS                      |                    |                           |                                 |                                       |                                      |                 |                  |                                      |
|                 | _                           |                    |                           |                                 |                                       |                                      |                 |                  |                                      |
|                 |                             |                    |                           |                                 |                                       |                                      |                 |                  |                                      |
| Note: Include c | omments such as             | s well condit      | ion, odor, pre            | sence of NAPL                   | , or other items                      | not on the field o                   | data sheet.     |                  | 14                                   |
|                 |                             |                    |                           |                                 |                                       |                                      |                 |                  | el A III                             |

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Signature Signature

#### **GROUNDWATER SAMPLING FIELD DATA SHEET**

WELL ID: \_\_MW-14\_\_

|                 |                                  |                                 |              |                                    |                         | -                              |                 |                     |  |
|-----------------|----------------------------------|---------------------------------|--------------|------------------------------------|-------------------------|--------------------------------|-----------------|---------------------|--|
| 1. PRO.         | JECT INF                         | ORMA                            | TION         |                                    |                         |                                |                 |                     |  |
| Project         | Number: <u>138</u>               | <u> 3670 </u>                   | _Task Nun    | nber: <u>200.00</u>                | )1                      |                                |                 |                     |  |
| •               | Owens Corr                       | -                               |              |                                    |                         |                                |                 |                     |  |
| Project         | Location: And                    | derson, S                       | South Car    | rolina                             |                         | Weather: C                     | Lean / Su       | my 54               | °F-                                    |
|                 | L DATA                           |                                 |              |                                    |                         |                                |                 |                     | orary Well: □Yes No                    |
| Casing I        | Diameter:                        |                                 |              |                                    |                         | Galv. Stee                     |                 |                     |  |
|                 | Diameter:                        |                                 | 1000         | Type: 🔎 Pv                         | C   Stainles:           | Galv. Stee                     | □ Teflon®       | Other:              |  |
| Total De        | epth of Well:                    | 74.2                            | _feet        | From: 🛂 To                         | p of Well Casin         | g (TOC) 🗆 T                    | op of Protectiv | ve Casing 🔲         | Other:                                 |
| Depth to        | Static Water:                    | 21.21                           | _feet        | From: To                           | p of Well Casin         | g (TOC) 🔲 T                    | op of Protectiv | ve Casing 🔘         | Other:                                 |
| Depth to        | Product: \                       | JA.                             | _feet        | From: 🗆 To                         | p of Well Casin         | ng (TOC) 🔲 T                   | op of Protecti  | ve Casing 🔘         | Other:                                 |
| Length o        | of Water Colun                   | nn:                             | _feet        |                                    |                         |                                |                 |                     | GS):                                   |
|                 |                                  |                                 |              |                                    |                         |                                |                 | vell = 0.667 gal/   | ft 6-in well = 1.469 gal/ft            |
| 3. PUR          | GE DATA                          |                                 | Date Pu      | rged: 1                            | 7(0                     | Time: 04                       | <u>3 (</u>      | <del></del>         | Equipment Model(s)                     |
| Purge M         | lethod: ☐ Ba                     | aller, Size: _<br>itrifugal Pum | ıp □ Perista | ⊒ Bladder Pump<br>iltic Pump □ Ine | Sub. Piertial Lift Pump | ump 🖽 4" Sub.<br>🔲 Other:      | Pump            | 1. <u><b>V</b>3</u> | si 554                                 |
|                 | s: Pump/Baile                    | . Delyeth                       | nylene 🌬 ta  | ainless XPVC                       | ☐ Teflon® □             |                                |                 | 2                   | ) ra- 15ce                             |
| Materials       | s: Rope/Tubin                    | - 4                             |              |                                    | , -                     |                                |                 | 3. <b>P</b>         | oactive ss mones                       |
|                 |                                  |                                 |              |                                    |                         | •                              | ole             | 4                   |  |
| 1               | to Purge (mini                   |                                 |              |                                    |                         |                                |                 |                     | Calibrated? <b>X</b> Yes □             |
| vvas wei        | I purged dry? Cum. Gallons       |                                 | No Temp      | Pumping Rat                        |                         | gal/min<br>DO                  | Turbidity       |                     | Cambratoa. 7 4 705 2                   |
| Time            | Removed                          | ±0.1 su                         | ·            | > of ±3% or                        | ļ                       | > of ±10% or                   | ≤ 10 NTU        | Water Level         | Comments                               |
|                 | (gal)                            | <u> </u>                        | 120          | ±10 µS/cm                          | ±20 mV                  | ±0.2 mg/L                      | S IU NIU        |                     |  |
| 0732            | 0                                | 6.62                            | 17.02        | 61                                 | 223.6                   | 11.43                          | 5,43            | 23.75               |  |
| 0737            | 1.25                             | 644                             | 18.06        | ره ا                               | 229.8                   | 4.27                           | 2.32            | 25,47               |  |
| 0742            | 2.0                              | <u>6,44</u>                     | 18.69        | 61                                 | 251.1                   | 5.65                           | 1.05            | 25,52               |  |
| 0247            | 3.5                              | 6.37                            | 18,31        | 60                                 | 296.3                   | 5.2                            | 2,15            | 26.61               |  |
| 6752            | 5.0                              | 6.36                            | [8.19        | 58                                 | 3044                    | 4,99                           | 2,45            | 27 32               |  |
| -               |                                  |                                 |              |                                    |                         |                                |                 | Purge data          | continued on next sheet?               |
| 4. SAMF         | PLING DA                         | ATA                             | _            |                                    | 1/                      |                                |                 | Geoch               | nemical Analyses                       |
| Method(s        |                                  | ler, Size:<br>rifugal Pumr      | □ Peristali  | l Bladder Pump<br>tic Pump, □ Iner | 2" Sub. Pur             | mp □ 4" Sub.                   | Pump            | Fendou              | ıs Iron: mg/L                          |
| Materials       | : Pump/Bailer                    | □ Polveth                       | vlene XStai  | inless PVC                         | ☐ Teflon® ☐             | Other:                         | able            | DO:\                | mg/L                                   |
| Materials       | :: Tubing/Rope                   | Polyethy                        | ylene □ Poly | propylene □ 1                      | Γeflon® □ Nyl           | on 🛘 Other:                    |                 | Nitrate             | mg/L                                   |
|                 |                                  | <b>ZNJ</b> edicati              | ed U Prepa   | ared Off-Site L                    | J Field-Cleaned         | Disposabl                      |                 | Sulfate             | {                                      |
|                 | Water at Time                    | •                               |              |                                    |                         | ? 🗆 Yes 🔀                      | 7               |                     | \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\ |
|                 | D: Mv-14                         |                                 | 3 L          |                                    | ime: 0012               | _ # of Contair<br># of Contair |                 | Alkalin             | ity: mg/L                              |
|                 | e Sample Colle<br>nt Blank Colle |                                 | 17           |                                    |                         | # of Contain<br># of Contain   |                 |                     |  |
| ·               |                                  |                                 |              |                                    |                         | # 01 COIRail                   |                 |                     |  |
| 5. COMN         | MENTS                            |                                 |              |                                    | <del></del>             |                                |                 |                     |  |
|                 |                                  |                                 |              |                                    |                         | 7.4.                           |                 |                     |  |
| Note: Include o | comments such a                  | s well condi                    | tion odor on | esence of NAPI                     | or other items          | not on the field               | tata shaat      | ٨                   |  |
|                 |                                  | 00.101                          | , cao, pr    |                                    | , or ourse north        | (                              | V               |                     | 11                                     |
| FORM GW-2       | ? (Rev 25.Sept.0                 | N = eail                        |              |                                    |                         | \                              | Signature       | <del>r)</del> /     |  |
| 311-2           | - (1.cv 20.0ept.(                | ~ > <del>C</del> J)             |              | D                                  |                         | ;                              | Signature       |                     | , –                                    |

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#### **GROUNDWATER SAMPLING FIELD DATA SHEET**

WELL ID: <u>MW-14</u>

| <u>3. PURC</u> | SE DATA          | (contin | ued fror | n page                   | )                      |                           |           |             |                                       |
|----------------|------------------|---------|----------|--------------------------|------------------------|---------------------------|-----------|-------------|---------------------------------------|
|                | Cum. Gallons     | pН      | Temp     | Spec. Cond.              | ORP                    | DO                        | Turbidity |             |                                       |
| Time           | Removed<br>(gai) | ±0.1 su | ±2°C     | > of ±3% or<br>±10 µS/cm | > of ±10% or<br>±20 mV | > of ±10% or<br>±0.2 mg/L | ≤ 10 NTU  | Water Level | Comments                              |
| 0757           | 45               | 6,35    | F.24     | 1                        | 3045                   | 4,85                      | 2.05      | 27.27       |                                       |
| 5802           |                  | 6.33    | 18.26    | 56                       | 303.1                  | 4.74                      | 1,75      | 27.70       | ***·                                  |
| 0867           | 9,5              | 6.32    | 12.81    | 56                       | 312.4                  | 4.65                      | 1.24      | 27.74       | . <u></u>                             |
|                |                  |         | 4        |                          |                        | 38                        |           |             |                                       |
|                |                  |         |          | 19                       |                        |                           |           |             |                                       |
|                |                  |         |          |                          |                        |                           |           |             |                                       |
|                | ~                |         | -        |                          |                        |                           |           |             | ~ <del></del>                         |
|                |                  |         |          |                          |                        |                           |           |             |                                       |
|                | U.S.             |         |          |                          |                        |                           |           | •           |                                       |
|                |                  |         |          |                          |                        |                           |           |             | -                                     |
|                |                  |         |          |                          |                        |                           |           |             | <del></del>                           |
|                |                  | 1       |          |                          |                        |                           |           |             |                                       |
|                |                  |         |          | <u> </u>                 | 1                      | 1                         |           |             |                                       |
|                |                  |         |          |                          |                        |                           | -         |             |                                       |
|                |                  |         |          |                          |                        |                           |           |             |                                       |
|                |                  |         |          |                          |                        |                           |           |             |                                       |
|                |                  |         |          |                          |                        |                           |           | -           |                                       |
|                |                  |         |          |                          |                        |                           |           |             |                                       |
|                |                  |         |          |                          | •                      |                           |           |             |                                       |
|                |                  |         |          |                          |                        |                           |           |             |                                       |
|                | -                |         |          |                          |                        |                           |           |             |                                       |
|                | .                | 1       |          |                          |                        |                           |           | · ·         |                                       |
|                |                  |         |          |                          |                        |                           |           |             | ·                                     |
|                |                  | _       |          |                          | .                      | 1                         | .         |             |                                       |
|                | -                |         |          | j                        |                        |                           |           |             | · · · · · · · · · · · · · · · · · · · |
|                |                  |         |          |                          | 45                     |                           |           |             |                                       |
|                |                  |         |          |                          |                        |                           |           |             |                                       |
|                |                  |         |          |                          |                        |                           |           | ,           |                                       |
|                |                  |         |          |                          |                        |                           |           |             |                                       |
|                |                  |         |          |                          |                        |                           |           | 1           |                                       |

Purge data continued on next sheet?

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# **GROUNDWATER SAMPLING FIELD DATA SHEET**

WELL ID: <u>MW-15</u>

| 1. PRC  | DJECT INF   | ORMA                 | ATION                           |                                 |                              |                             | -                      |                 |                                       |
|---|---|----------------------|---------------------------------|---------------------------------|------------------------------|-----------------------------|------------------------|-----------------|---------------------------------------|
| Project Number: 138670 Task Number: 200-001 Area of Concern:                                    |   |                      |                                 |                                 |                              |                             |                        |                 |                                       |
|   | Owens Cor   |                      |                                 |                                 |                              |                             |                        | Musy cor        | <u> </u>                              |
|   | t Location:_An  |                      |                                 |                                 |                              |                             |                        |                 |                                       |
| 2. WEL  | L DATA  |                      | Date M                          | easured: _                      | 11/18/10                     | Time:                       | 0918                   | Tem             | porary Well: □Yes XINo                |
| Casing  | Diameter:   | <u>2i</u> r          | ches                            | Type: 🎜 P\                      | /C ☐ Stainles                | ss 🗆 Galv. Stee             | el 🛘 Teflon®           | ☐ Other:        | porary werr. Lives Aino               |
| Screen  | Diameter:   | <u>2i</u> r          | ches                            | Type: 🗹 P\                      | /C ☐ Stainles                | s 🛘 Galv. Stee              | el 🗆 Teflon®           | Other:          | <del></del>                           |
| Total Depth of Well: 99.5 feet From: Top of Well Casing (TOC) Top of Protective Casing Other:   |   |                      |                                 |                                 |                              |                             |                        |                 |                                       |
| Depth to Static Water: 4 34 feet From: Top of Well Casing (TOC) Top of Protective Casing Other: |   |                      |                                 |                                 |                              |                             |                        |                 |                                       |
|   | o Product:  | MA                   | _feet                           | From: 🗆 To                      | op of Well Casi              | ng (TOC)                    | Γορ of Protecti        | ve Casing 🛚     | Other:                                |
| Length  | of Water Colur  | nn:                  | _feet                           |                                 |                              | gal<br>-2-ip.woll = 0.16    |                        | nterval (from   | GS):                                  |
| 3. PUR  | GE DATA   |                      | Date Pi                         |                                 |                              | _Time: _ 0                  |                        | eii = 0.667 gai |                                       |
|   | /lethod: ☐ Ba   |                      |                                 | ☐ Bladder Pum                   | P 51/2" Sub. P               | ump 🛘 4" Sub                | <u>4 5 4</u><br>. Pump |                 | Equipment Model(s)                    |
|   |   |                      | np U Perista<br>nvlene 🗷 St     | iltic Pump 🔲 In                 | ertial Lift Pump  Teflon® I  | Other:                      |                        |                 |                                       |
|   | ls: Pump/Bailer   | ☐ Dedica             | ited DP                         | repared Off-Site                | Field-Clea                   | aned 🗆 Dispo                | sable                  |                 | Der-15CE                              |
| Materia   | ls: Rope/Tubing   | Polyeti<br>Dedica    | nylene 🗆 Po<br>ited 🚨 Prep      | lypropylene 🛚<br>pared Off-Site | Teflon® □ N                  | ylon Dother:_<br>ed Disposa | ble                    | 3. <u> </u>     | reachly SS monon                      |
| Volume  | to Purge (mini  |                      |                                 |                                 |                              |                             |                        | 4               | · · · ·                               |
| Was we  | ll purged dry?  | ☐ Yes                | Þ No                            | Pumping Ra                      | te:                          | gal/min                     |                        |                 | Calibrated? Yes                       |
| Time  | Cum. Gallons<br>Removed                                   | pН                   | Temp                            | Spec. Cond.                     |                              | DO                          | Turbidity              |                 |                                       |
|   | (gal)   | ±0.1 su              | ±2°C                            | > of ±3% or<br>±10 µS/cm        | > of ±10% or<br>±20 mV       | > of ±10% or<br>±0.2 mg/L   | ≤ 10 NTU               | Water Level     | Comments                              |
| 6933  | ь   | 8.05                 | 15.10                           | 89                              | .94.5                        | 24.51                       | 1.51                   | 15.60           |                                       |
| 0938  | 100   | 7,58                 | 17.36                           | 224                             | 13.3                         | 4.37                        | 3,44                   | 17.52           |                                       |
| 0943  | 2,0   | 7.14                 | 17.37                           | -191                            | -26.0                        | 3.99                        | 4.63                   | 18.18           |                                       |
| 0948  | 3.0   | 6.99                 | 17,41                           | 183                             | -23,6                        |                             | 2.85                   | 18.45           | · · · · · · · · · · · · · · · · · · · |
| 0953  | 4.0   | 6.85                 | 17.37                           | 177                             | -31.2                        | 2,18                        | 1.30                   | 18.42           |                                       |
| 4 0 4 1 4 5   |   |                      | -                               |                                 | -                            |                             |                        |                 | a continued on next sheet?            |
|   | PLING DA  |                      |                                 | <b>5</b>                        |                              |                             |                        | Geoch           | nemical Analyses                      |
| Method(s  | Centri  |                      | ☐ Peristalti                    | c Pump 🗖 Iner                   | tial Lift Pump(              |                             | Pump<br>               | Ferrou          | s Iron: mg/L                          |
| Materials   | : Pump/Bailer   | ☐ Polyethy☐ Dedicate | lene <b>⊈∕≲t</b> air<br>d □ Pre | nless DPVC  <br>pared Off-Site  | ☐ Teflon® ☐<br>☑ Field-Clean | Other:ed Disposa            | able                   | DO:             | mg/L                                  |
| Materials   | : Tubing/Rope   | Delyethyl            | lene 🗆 Polv                     | oropylene 🗇 T                   | eflon® □ Nw/                 | •                           |                        | Nitrate         |                                       |
| Depth to  | Water at Time   |                      |                                 | 3                               | Field Filtered               |                             | )<br>No                | Sulfate         | e: AH mg/L                            |
| Sample II   | D: MW-15 8  | Sample Da            | te: \(/ 8                       |                                 |                              |                             | ´ ` つ                  | Alkalin         | 1 10                                  |
|   | Sample Collec   |                      | 1 - 1                           | ID:                             |                              | -<br># of Contain           |                        |                 | 9/2                                   |
| Equipmer  | Equipment Blank Collected?   Yes  No ID: # of Containers: |                      |                                 |                                 |                              |                             |                        |                 |                                       |
| . COMN  | MENTS   |                      |                                 |                                 |                              |                             |                        | <del></del>     |                                       |
|   |   |                      |                                 |                                 |                              |                             |                        |                 |                                       |
| nte: Include =  | ommonto t   |                      |                                 |                                 |                              |                             |                        |                 |                                       |
| ne. mciude co   | omments such as   | well conditi         | on, odor, pre                   | sence of NAPL,                  | or other items               | not on the field d          | lata sheet.            |                 |                                       |
|   |   |                      |                                 |                                 |                              |                             |                        |                 |                                       |

# **GROUNDWATER SAMPLING FIELD DATA SHEET**

| WELL ID: | MW-15 |
|----------|-------|
|----------|-------|

|          | GE DATA          |         |       |                          | <del>/_</del>          |                           |           |             |                |
|----------|------------------|---------|-------|--------------------------|------------------------|---------------------------|-----------|-------------|----------------|
| Time Rem | Cum. Gallons     | pН      | Temp  | Spec. Cond.              |                        | DO                        | Turbidity |             |                |
|          | Removed<br>(gal) | ±0.1 su | ±2°C  | > of ±3% or<br>±10 µS/cm | > of ±10% or<br>±20 mV | > of ±10% or<br>±0.2 mg/L | ≤ 10 NTU  | Water Level | Comments       |
| 2958     | 5.0              | 6,82    | 17,41 | 176                      | -34.8                  | 1.99                      | 6.96      | 18.43       |                |
| 003      | 4.0              | 6.78    | 17,44 | 174                      | -41.7                  | 1.73                      | 0.84      | 18-726      |                |
| 308      | 7.0              | 6.78    | PP,F1 | 174                      | -45.1                  | 1.70                      | 0.50      | 18.80       |                |
| 1013     | 8.0              | 6,75    | 17.44 | 173                      | 51.4                   | 1, 6)                     | 0.32      | 18.78       |                |
| 1018     | 9,0              |         |       |                          |                        |                           |           |             |                |
|          |                  |         |       |                          |                        |                           |           |             |                |
| <u> </u> |                  |         |       |                          |                        |                           |           |             |                |
|          |                  |         |       |                          |                        |                           |           |             |                |
|          |                  |         |       |                          | ·<br>                  |                           |           |             |                |
|          |                  |         |       |                          |                        |                           |           |             |                |
|          |                  |         |       |                          |                        |                           |           |             |                |
|          |                  |         |       |                          |                        |                           |           |             |                |
|          |                  |         |       |                          |                        |                           |           |             |                |
|          |                  |         |       |                          |                        |                           |           |             |                |
|          |                  | /       |       |                          |                        |                           |           |             |                |
|          |                  |         |       |                          |                        |                           |           |             | ·              |
|          |                  |         |       |                          |                        |                           |           |             |                |
|          |                  |         |       |                          |                        |                           |           |             |                |
|          |                  |         |       |                          |                        |                           |           |             |                |
|          | · -              |         |       |                          |                        |                           |           |             |                |
|          |                  |         |       |                          |                        |                           |           |             |                |
|          |                  |         |       |                          |                        |                           |           |             |                |
|          |                  |         |       |                          |                        |                           |           |             |                |
|          |                  |         |       |                          |                        |                           |           |             |                |
|          |                  |         |       |                          |                        |                           |           |             |                |
|          |                  |         |       |                          |                        |                           |           |             |                |
|          |                  |         |       |                          |                        |                           |           |             | <del>-</del> . |
|          |                  |         |       |                          |                        |                           |           |             | ,              |

Purge data continued on next sheet?  $\ \square$ 

Page \_\_\_\_ of \_\_\_\_

# **GROUNDWATER SAMPLING FIELD DATA SHEET**

WELL ID: \_\_MW-16\_\_\_

| 1. PRC  | DJECT INF                      | ORMA                          | TION                   |                                   |                                       |   |                |                  |                              |  |
|---|--------------------------------|-------------------------------|------------------------|-----------------------------------|---------------------------------------|---|----------------|------------------|------------------------------|--|
| Project Number: 138670 Task Number: 200.001 Area of Concern:  |                                |                               |                        |                                   |                                       |   |                |                  |                              |  |
| Client:   | Owens Cor                      | ning                          |                        |                                   |                                       | Personnel:                                      | 100111         | L. Mus           |                              |  |
| Project   | t Location: An                 | derson, S                     | South Ca               | rolina                            |                                       | Personnel: Kristin Musaram Weather: Clear, 54°F |                |                  |                              |  |
|   | L DATA                         |                               |                        |                                   |                                       |   |                |                  | porary Well: □Yes □No        |  |
| Casing  | Diameter:                      | in                            | ches                   | Type: 🗗 P\                        | VC ☐ Stainles                         | ss 🗆 Galv. Ste                                  | el 🗆 Teflon®   | ıem<br>□ Other:  | porary Well: LiYes Sino      |  |
| Screen  | Diameter:                      | in                            | ches                   |                                   |                                       | ss 🛚 Galv. Stee                                 |                |                  |                              |  |
| Total D   | epth of Well:_                 | 59                            | _feet                  |                                   |                                       |   |                |                  |                              |  |
| Total Depth of Well: 59 feet From: Top of Well Casing (TOC) Top of Protective Casing Other: Depth to Static Water: From: Top of Well Casing (TOC) Top of Protective Casing Other: |                                |                               |                        |                                   |                                       |   |                |                  |                              |  |
| Depth t   | o Product:                     | NA                            | _feet                  |                                   |                                       |   |                | Other:           |                              |  |
| Length  | of Water Colur                 | ກກ:                           | _feet                  | Well Volume                       | e:                                    | gaJ   | Screened       | interval (from   | GS).                         |  |
| 0 8118  | <u> </u>                       |                               |                        |                                   |                                       |   | 67 gal/ft 4-in | well = 0.667 gai | Vft 6-in well = 1.469 gal/ft |  |
|   | GE DATA                        |                               | Date Pu                | irged: <u>ıı∤ı</u>                | 110                                   | _Time: _ <i>_</i> _                             | 731 <u> </u>   |                  | Equipment Model(s)           |  |
| Purge N   | Method: ☐ Ba                   | alier, Size:<br>itrifugal Pum | p 🗆 Perista            | ⊒ Bladder Pum<br>iltic Pump  □ In | P كالطر 2" Sub. P<br>ertial Lift Pump | ump 🔲 4" Sub                                    | D. Pump        | <b>1.</b>        | 15,556                       |  |
|   | ls: Pump/Baile                 | _ □ Polyeth                   | viene 🗷 Sta            | inless PVC                        | ☐ Teflon®                             | Other:aned Dispo                                |                | 2                | NRT-15CE                     |  |
| Materia   | ls: Rope/Tubing                | Polveth                       | viene 🗆 Po             | ivoronviene 🗆                     | Teflon® □ N                           | vion D Other                                    |                | 3. ?             | active ss, monson            |  |
|   |                                | Dedical                       | ted 🗆 Prep             | ared Off-Site                     | ☐ Field-Cleane                        | ed Disposa                                      | ble            | 4                |                              |  |
|   | to Purge (mini                 | ···ium):<br>□ Yes             | No Well V              |                                   |                                       |   |                |                  | Calibrated? □ Xes □          |  |
| ***************************************   | Cum. Gallons                   | pH /                          | Temp                   | Spec. Cond.                       | te:                                   | gai/min   | Turbidity      | <u> </u>         | Calibrated? Unles U          |  |
| Time  | Removed (gal)                  | ±0.1 su                       | ±2°C                   | <u> </u>                          | > of ±10% or                          | > of ±10% or<br>±0.2 mg/L                       | ≤ 10 NTU       | Water Level      | Comments                     |  |
| 07-33   | O                              | 7.09                          | 16.89                  | 273                               | 118.3                                 | 8.79  | 3,41           | 11,10            |                              |  |
| 0738  | 0,5                            | 7,25                          | 16.78                  | 272                               | 72.4                                  | 5,30  | 10,02          | 14.93            |                              |  |
| 0743  | 4.0                            |                               | 14,34                  | 269                               | 58.3                                  | 3,40  | 10.09          | 17.72            |                              |  |
| 0748  | 5,0                            | 7,13                          | 17.08                  | 275                               | 49,2                                  | 2,46  | 7,50           | 20.59            |                              |  |
| 6753  | 6.0                            | 7, 22                         | 17.40                  | 277                               | 44,0                                  | 2.20  | 4,73           | 22,95            |                              |  |
|   |                                |                               |                        |                                   |                                       |   | , , , <u>,</u> |                  | a continued on next sheet?   |  |
| 4. SAMF   | PLING DA                       | TA                            |                        |                                   |                                       |   |                |                  | nemical Analyses             |  |
| Method(s  | s): 🔲 Baile<br>🗅 Centri        | er, Size:<br>fugal Pump       | ☐ Peristalti           | Bladder Pump<br>c Pump ☐ Iner     | ☐ 2" Sub. Pur<br>tian Lift Pump(      | mp □ 4" Sub. i<br>□ Other:                      | Pump           | 1                | us Iron:mg/L                 |  |
| Materials   | : Pump/Bailer                  | ☐ Polyethyle ☐ Dedicated      | ene ☑ Stair<br>d ☐ Pre | pared Off-Site                    | ☐ Teflon® ☐                           | Other:  | able           | DO:              | mg/L                         |  |
| Materials   | : Tubing/Rope                  | Polyethyle                    | ene 🗆 Poivr            | ropviene 🗇 T                      | efion® □ Nul                          |   |                | Nitrate          | e: mg/L                      |  |
| Depth to  | Water at Time                  |                               |                        | 4.4                               | Field Filtered                        |   | l No           | Sulfate          | e: <u>NA</u> mg/L            |  |
| Sample II   | omw-16                         | Sample Da                     | te: 11/19/1            |                                   |                                       |   |                | Alkalin          | \                            |  |
|   | Sample Collec                  |                               |                        |                                   |                                       | -<br># of Contain                               |                |                  |                              |  |
| Equipment Blank Collected?   Yes A No ID: # of Containers: # of Containers: #   |                                |                               |                        |                                   |                                       |   |                |                  |                              |  |
| . COMN  | MENTS                          |                               |                        |                                   |                                       |   |                |                  |                              |  |
|   |                                |                               |                        |                                   |                                       |   |                |                  |                              |  |
| ata de et   |                                |                               |                        |                                   |                                       |   |                |                  |                              |  |
| ote: include co   | omments such as                | well condition                | on, odor, pre          | sence of NAPL,                    | or other items i                      | not on the field d                              | lata sheet.    | + 1-             |                              |  |
| <b></b>   |                                |                               |                        |                                   |                                       | 7. C  |                | <u> </u>         |                              |  |
| UKM GW-2  | RM GW-2 (Rev 25.Sept.08 - sej) |                               |                        |                                   |                                       |   |                |                  |                              |  |

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#### **GROUNDWATER SAMPLING FIELD DATA SHEET**

| WELL ID: | MW-16 |
|----------|-------|
|----------|-------|

| 3. PURGE DATA (continued from page) |                  |         |       |                          |                        |                           |           |             |          |  |
|-------------------------------------|------------------|---------|-------|--------------------------|------------------------|---------------------------|-----------|-------------|----------|--|
|                                     | Cum. Gallons     | рН      | Temp  | Spec. Cond.              | ORP                    | DO                        | Turbidity |             |          |  |
| Time                                | Removed<br>(gal) | ±0.1 su | ±2°C  | > of ±3% or<br>±10 µS/cm | > of ±10% or<br>±20 mV | > of ±10% or<br>±0.2 mg/L | ≤ 10 NTU  | Water Level | Comments |  |
| 0758                                | 7.0              | 7,24    | 17.30 | 281                      | 47.0                   | 2,60                      | 31.48     | 24,78       | •        |  |
| 0803                                | 8.0              | 7.33    | 17,4  | 282                      | 62,2                   | 3,47                      | 4,22      | 31.55       |          |  |
| િકુ્ફ                               | િંહ              | 7,30    | 17.54 | 288                      | 69.3                   | 3,36                      | 聚2.45     | 32.13       |          |  |
| Ø\$\3                               | 10.0             | 7,29    | 17,23 | 288                      | 70.7                   | 3,20                      | 3.03      | 33,35       |          |  |
| 0818                                | 11.0             | 7,23    | 17,68 | 298                      | la.7                   | 3,10                      | 3,15      | 35,48       |          |  |
| 0823                                | 12.6             | -       |       |                          |                        |                           |           |             |          |  |
|                                     |                  |         |       |                          |                        |                           |           |             | ·        |  |
|                                     |                  | i       |       |                          |                        |                           |           |             |          |  |
|                                     |                  |         |       |                          |                        |                           |           |             |          |  |
|                                     |                  |         |       |                          |                        |                           |           | -           |          |  |
|                                     |                  |         |       |                          |                        |                           |           |             |          |  |
|                                     |                  |         |       |                          |                        |                           |           |             |          |  |
|                                     |                  |         |       |                          |                        |                           |           | .           | <u> </u> |  |
|                                     |                  |         |       |                          |                        |                           |           |             |          |  |
|                                     |                  |         |       |                          |                        |                           |           |             | *        |  |
|                                     |                  |         |       |                          |                        |                           | ,         |             |          |  |
|                                     |                  |         |       |                          | 7                      |                           |           |             |          |  |
| (i)                                 |                  |         |       |                          |                        |                           |           |             | <u> </u> |  |
|                                     |                  |         |       |                          |                        |                           |           |             | ·        |  |
|                                     |                  |         |       |                          | i                      |                           | ı         |             |          |  |
|                                     |                  |         |       |                          |                        |                           |           |             |          |  |
|                                     |                  |         |       |                          |                        |                           |           |             |          |  |
|                                     |                  |         |       |                          | <u> </u>               | ,                         |           |             |          |  |
|                                     |                  | .       | -     |                          |                        |                           |           |             |          |  |
|                                     | j                |         |       |                          |                        |                           |           |             | <u> </u> |  |
|                                     |                  |         |       |                          |                        |                           |           |             | ·        |  |
|                                     |                  |         |       |                          |                        |                           |           | _           |          |  |
|                                     |                  |         |       |                          |                        |                           |           |             |          |  |

Purge data continued on next sheet?

|      |    |           | <br> |
|------|----|-----------|------|
|      |    | Signature |      |
| Page | of | •         |      |

WELL ID: <u>MW-17</u>

| 1. PRO   | DJECT INI   | FORM/           | ATION                             |                                    |                                     |                             | N.             |                 |                              |  |
|--|---|-----------------|-----------------------------------|------------------------------------|-------------------------------------|-----------------------------|----------------|-----------------|------------------------------|--|
|  | Project Number: 138670 Task Number: 200.001 Area of Concern:  |                 |                                   |                                    |                                     |                             |                |                 |                              |  |
|  | Owens Co  |                 |                                   |                                    |                                     | Personnel: Keisten Muyne    |                |                 |                              |  |
| Projec   | t Location: Ar  | <u>iderson,</u> | South Ca                          | arolina                            |                                     | Weather: Overcot/Rain, 62°P |                |                 |                              |  |
|  | L DATA  |                 |                                   |                                    |                                     |                             |                |                 | nporary Well: □Yes No        |  |
| Casing   | Diameter:   | _4 iı           | nches                             | Type: 🗘 P                          | VC Stainle                          | ss Galv. Ste                | el 🖸 Teflon®   | Tem             | nporary Well: □Yes XNo       |  |
| 1  | Diameter:   |                 |                                   |                                    |                                     | ss 🛭 Galv. Stee             |                |                 |                              |  |
| Total D  | Depth of Well:_   | 39.1            | _feet                             |                                    |                                     |                             |                |                 |                              |  |
| Depth  | Total Depth of Well: 39.1 feet From: 1 Top of Well Casing (TOC) Top of Protective Casing Other:  Depth to Static Water: 22.36 feet From: 1 Top of Well Casing (TOC) Top of Protective Casing Other: |                 |                                   |                                    |                                     |                             |                |                 |                              |  |
| Depth to Product: NA feet From: □ Top of Well Casing (TOC) □ Top of Protective Casing □ Other: |   |                 |                                   |                                    |                                     |                             |                |                 |                              |  |
| Length   | of Water Colu   | mn:             | _feet                             | Well Volum                         | e:                                  | gal                         | Screened       | Interval (from  | G6).                         |  |
| 2 DUD  | OF DATA   |                 |                                   | Note: 1-in we                      | ll = 0.041 gal/ft                   | 2-in well = 0.16            | 87 gal/ft 4-in | well = 0.667 ga | Vft 6-in well = 1.469 gal/ft |  |
| 13. PUR  | GE DATA   | ailer Sizo:     | Date Pu                           | urged: 1111                        | مالت                                | _Time:                      | <u> </u>       | <u> </u>        | Equipment Model(s)           |  |
| Purge I  | Method: ☐ Ba  | ntnfugal Pun    | p Perista                         | altic Pump 🔲 ir                    | p pa 2″ Sub. F<br>nertial Lift Pump | o ☐ Other:                  | o. Pump        | 1               | Ys: 554                      |  |
| Materia  | ls: Pump/Baile  | r Dedica        | hylene ( <b>27</b> St<br>ated □ P | ainless (APVC)<br>repared Off-Site | ☐ Teflon®                           | Other:                      | sable          | 2               | DRT-15CE                     |  |
| Materia  | ls: Rope/Tubin  | Polvet          | hvlene D Po                       | lvorooviene 🗆                      | Teffon® II N                        | ulon D Other                |                | з. <u>😯</u>     | roachle SI monson            |  |
| Volume   | to Purge (mini  | mnm.).          | ited Li Prej                      | pared Off-Site                     | ☐ Field-Clean                       | ed Disposa                  | ble            | 4               |                              |  |
|  | ell purged dry?   |                 | X No                              | Pumping Ra                         |                                     | gallons<br>gal/min          |                |                 | Calibrated? Yes              |  |
| 3  | Cum. Gallons  | pН              | Temp                              | Spec. Cond.                        |                                     | DO                          | Turbidity      | <del></del>     | 7.03                         |  |
| Time   | Removed<br>(gal)  | ±0.1 su         | ±2°C                              | > of ±3% or<br>±10 µS/cm           | > of ±10% or<br>±20 mV              | > of ±10% or<br>±0.2 mg/L   | ≤ 10 NTU       | Water Level     | Comments                     |  |
| 1101   | 6   | 4.69            | 19,39                             | 115                                | 328.3                               | *7.21                       | +              | 2273            |                              |  |
| 1106   | 2.6   | 4,72            | 19.89                             | 116                                | 367.8                               |                             | NAT            |                 |                              |  |
| 11 (1  | 4.0   | 4,75            | 19.87                             | แร                                 | 382.8                               |                             |                | 2289            |                              |  |
| 1116   |   | 4.77            |                                   |                                    |                                     | 4.76                        | -              | 22.78           |                              |  |
|  | 8.0   |                 | 19.90                             | 115                                | 384.]                               | 4.54                        |                | 2273            |                              |  |
| 1121   | 0.0   | 4.79            | 19.89                             | Net                                | 385,3                               | 4,52                        | <u> </u>       | 22.83           |                              |  |
| 4 541/15   | PLING DA  | ΤΛ              |                                   |                                    |                                     |                             |                | Purge data      | a continued on next sheet?   |  |
|  | □ P=0   |                 | n                                 | Bladder Pump                       | Ke" Sub Du                          | mp □ 4" Sub. I              | _              | <u>Geoch</u>    | nemical Analyses             |  |
| Method(s   | Centri  | ifugal Pump     | ☐ Peristalti                      | c Pump 🔲 iner                      | tial Lift Pump I                    | ☐ Other:                    | -ump           | Ferrou          | s Iron: mg/L                 |  |
|  | : Pump/Bailer   | ☐ Dedicate      | d 🔲 Pre                           | pared Off-Site                     | Field-Clean                         | ed Disposa                  | ıble           | DO:             | mg/L                         |  |
| Materials  | : Tubing/Rope   | Polyethy        | lene 🗆 Polv                       | oropylene □ T<br>red Off-Site □    | eflon® D Nud                        | on Other:                   |                | Nitrate         | : /mg/L                      |  |
| Depth to   | Water at Time   |                 |                                   |                                    |                                     |                             |                | Sulfate         | \ \AIL                       |  |
|  |   |                 |                                   |                                    | ime. 1124                           | ? □ Yes p                   | _              |                 | " / <del></del>              |  |
|  | Sample ID: MW-17 Sample Date: 11 10 D Sample Time: 11 24 # of Containers: 2 Alkalinity: mg/L  Duplicate Sample Collected? Yes No ID: # of Containers:   |                 |                                   |                                    |                                     |                             |                |                 |                              |  |
| Equipment Blank Collected?  Yes No ID: # of Containers: # of Containers:                       |   |                 |                                   |                                    |                                     |                             |                |                 |                              |  |
| . COMA   | /FNTS   |                 |                                   |                                    |                                     |                             |                |                 |                              |  |
|  | . COMMENTS  |                 |                                   |                                    |                                     |                             |                |                 |                              |  |
|  |   |                 |                                   |                                    |                                     |                             |                |                 |                              |  |
| ote: Include co  | omments such as   | well conditi    | on, odor, pre                     | sence of NAPL,                     | or other items i                    | not on the field d          | ata sheet.)    | 4               |                              |  |
|  |   |                 |                                   |                                    |                                     |                             | 1              | 4               |                              |  |
| ORM GW-2   | RM GW-2 (Rev 25.Sept.08 - sej) Page of  |                 |                                   |                                    |                                     |                             |                |                 |                              |  |

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10.6-25.6

### **GROUNDWATER SAMPLING FIELD DATA SHEET**

WELL ID: MW-18

|                | _                           |   |                      |   |                                      |                             |                 |                           | -7                          |      |
|----------------|-----------------------------|---|----------------------|---|--------------------------------------|-----------------------------|-----------------|---------------------------|-----------------------------|------|
| 1. PRO         | JECT INF                    | ORMA                                    | TION                 |   |                                      |                             | -               |                           |                             | 7    |
| Project        | Number: <u>138</u>          | 8670                                    | _Task Num            | nber: <u>200.00</u>                           | 01                                   | Area of Cond                | cern:           |                           |                             | ł    |
|                | Owens Cor                   |   |                      |   |                                      | _Personnel:                 |                 | Muscon                    | T                           |      |
| Project        | Location: And               | derson, S                               |                      |   |                                      |                             |                 | 11                        | g Rain , 600F               |      |
| 2. WEL         | L DATA                      |   | Date Me              | easured: [[                                   | 115/2010                             | Time: \41                   | 5               | Temr                      | orary Well: □Yes XNo        | f    |
| Casing         | Diameter:                   | 2ind                                    | ches                 |   |                                      | -<br>s □ Galv. Steel        |                 |                           | orary vveni. Gres Sano      |      |
| Screen         | Diameter:                   | <u>2</u> inc                            | ches                 | Type: □ PV                                    | 'C □ Stainless                       | s □ Galv. Steel             | I ☐ Teflon®     | Other:                    |                             |      |
| Total De       | epth of Well:               | 25.6                                    | _feet                | From: 🗹 To                                    | p of Well Casin                      | g (TOC) 🗆 T                 | op of Protectiv | /e Casing □               | Other:                      | 17   |
| Depth to       | Static Water:               | 21-45                                   | _feet                | From: 🖒 To                                    | p of Well Casin                      | g (TOC)                     | op of Protectiv | e Casing                  | Other:                      | Τ    |
| Depth to       | Product: N                  | 1A                                      | _feet                | From: 🗆 To                                    | p of Well Casin                      | g (TOC) 🔲 T                 | op of Protectiv | ve Casing 🛚               | Other:                      | بالم |
| Length o       | of Water Colun              | nn: <u>4,15</u>                         | feet                 |   | 0.69                                 |                             | Screened II     | nterval (from             | GS): 10.6-25.6              | 3    |
|                | <u> </u>                    |   |                      | Note: 1-in well                               | = 0.041 gal/ft <b>v</b>              | 2-in well = 0.16            | 7 gal/ft 4-in w | ell = 0.667 gal/          | ft 6-in well = 1.469 gal/ft |      |
|                | GE DATA                     |   |                      |   |                                      | Time: 14:                   |                 |                           | Equipment Model(s)          |      |
| Purge M        | ¶ethod: ☐ Ba                | ıııer, Size:<br>ıtrifugal Pum           | p 🖸 Perista          | ⊒ Bladder Pum <sub>l</sub><br>Itic Pump □ Ind | p 🗣2" Sub. Pւ<br>ertial Lift Pump    | ump 🔲 4" Sub.<br>🔲 Other:   | . Pump          | 1. Pr                     | Active S.S. Monszon         |      |
| Material       | s: Pump/Bailer              | ☐ Polyeth☐ Dedica                       | nylene <b>□</b> /Sta | ainless .27PVC                                | ☐ Teflon® ☐                          | Other:                      | sable           | 2. <u>Tu</u>              | is dity make DET-150        | E    |
| Material       | s: Rope/Tubing              | _ 221Polveth                            | vlene 🗆 Po           | lvpropvlene 🛘                                 | Teflon® □ Nv                         | don □ Other                 |                 | 3. <u>Y</u>               | 51 55 6 MPS.                |      |
|                |                             | Dedica                                  | tea u Prep           | pared Off-Site                                | ☐ Field-Cleane                       | Disposat                    | ole             | 4                         |                             |      |
|                | to Purge (mini              |   |                      | olumes or<br>Pumping Ra                       |                                      | gallons                     |                 |                           | Calibrated? ¬Q'Yes □        |      |
| vvas we        | Il purged dry? Cum. Gallons | D Yes                                   | Temp                 | Spec. Cond.                                   |                                      | <del>w gal/</del> min<br>DO | Turbidity       | · · ·                     | X res                       | -    |
| Time           | Removed<br>(gal)            | ±0.(su)                                 | ±2°C                 | <u> </u>                                      | > of ±10% or<br>±20 mV               |                             | •               | Water Level               | Comments                    |      |
| 14 46          | 0                           | 4,09                                    | 19.82                | 46  | 363.3                                | 10.2 (19/L)                 | 1/3.2           | 23.29                     |                             | 1    |
| 1445           | ٥٠١٠٥                       | 4.25                                    |                      |   |                                      |                             |                 |                           |                             | 1    |
|                | 0, 25                       |   | 26,12                | 42  | 351.3                                | 4.19                        | 12.3            | 23.51                     | <u> </u>                    | ┨    |
| 1452           | <del>915</del>              | 4.28                                    | 20.08                | 41  | 365.4                                | 4.19                        | 0.75            | 23.37                     |                             | -    |
| 1457           | 3.0                         | 4.26                                    | 20.13                | 41  | 373.6                                | 4.21                        | 0.16            | 23.45                     |                             |      |
| 1502           | 4.0                         | 4.25                                    | 20.06                | 41  | 380.3                                | 4.16                        | 1.65            | 23.61                     |                             |      |
|                |                             |   |                      |   |                                      |                             |                 | Purge data                | continued on next sheet?    | -    |
| 4. SAMF        | PLING DA                    |   |                      |   |                                      |                             |                 | Geoch                     | emical Analyses             |      |
| Method(s       | s): 🔲 Bail<br>🗅 Centr       | ler, Size:<br>ifugal Pump               | □ Peristalt          | Bladder Pump<br>ic Pump 🔲 Inei                | প্রি 2" Sub. Pur<br>rtial Lift Pump( | mp 🔲 4" Sub. I              | Pump            | Ferrou                    | s Iron: mg/L                |      |
| Materials      | s: Pump/Bailer              | □ Polyethy                              | rlene 🗹 Staii        | nless 1 PVC                                   | ☐ Teflon® ☐                          | Other:                      |                 | DO:                       | mg/L                        |      |
|                | s: Tubing/Rope              | ☐ Dedicate  Dedicate                    | rlene □ Polv         | epared Off-Site<br>propylene 🔲 1              | Feflon® □ Nvlo                       | on 🗆 Other:                 | able            | Nitrate                   |                             |      |
|                | -                           | ☐ Dedicate                              | ed LIPrepa           | ired Off-Site L                               | J Field-Cleaned                      | Disposabl                   |                 |                           |                             |      |
|                | Water at Time               | · ·                                     |                      |   |                                      | ? □ Yes 🗷                   |                 | Sulfate                   |                             | 1    |
|                | D: MW-18                    |   | •                    |   |                                      |                             |                 | Alkalin                   | ity: NA mg/L                |      |
|                | e Sample Colle              |   |                      |   |                                      | # of Contain                |                 |                           |                             | 1    |
| ⊏quipme        | nt Blank Collec             | Jea?⊔ Y                                 | 62 14 INO            | ID:   |                                      | # of Contain                | iers:           |                           |                             | 1    |
| 5. COM         | MENTS                       |   |                      |   |                                      |                             |                 |                           |                             |      |
|                |                             |   |                      |   |                                      |                             |                 |                           | •                           |      |
| Into . ! ! !   |                             | - · · · · · · · · · · · · · · · · · · · |                      | 27772   |                                      |                             | - <del> </del>  |                           |                             |      |
| ore: include c | comments such a             | s well condit                           | ion, odor, pre       | esence of NAPL                                | , or other items                     | not on the field o          | data sheet.     | 1                         |                             | ı    |
|                |                             |   |                      |   |                                      |                             | ( X-            | $\leftarrow$ $\leftarrow$ | Me                          |      |

Page \_\_\_\_\_ of \_\_\_\_

Signature

### **GROUNDWATER SAMPLING FIELD DATA SHEET**

WELL ID: <u>MW-19</u>

| 1 PRO           | JECT INF                         | ORMA                            | TION           |                             |                                 | <del></del>               |                    | -                |                            |
|-----------------|----------------------------------|---------------------------------|----------------|-----------------------------|---------------------------------|---------------------------|--------------------|------------------|----------------------------|
|                 | Number: <u>13</u>                |                                 |                | nhor: 200 0                 | 01                              | A                         |                    |                  |                            |
|                 |                                  |                                 |                |                             |                                 |                           |                    | 2 100 /          | ischrone                   |
|                 | Location: An                     |                                 |                |                             |                                 |                           |                    |                  |                            |
|                 | L DATA                           |                                 |                |                             |                                 |                           |                    |                  |                            |
| _               |                                  |                                 | Date M         | easured: 📉                  | 11/17/10                        | _Time: <u></u>            | <u> </u>           | Tem              | porary Well: □Yes XNo      |
| Ī               | Diameter:                        |                                 |                |                             |                                 | s Galv. Stee              |                    |                  |                            |
|                 | Diameter:                        |                                 |                |                             |                                 | s ☐ Galv. Stee            |                    |                  |                            |
| 1               | epth of Well:<br>Static Water:   |                                 |                |                             |                                 |                           |                    |                  | Other:                     |
| 1               | Product:                         |                                 |                |                             |                                 |                           |                    |                  | Other:                     |
| 1               | of Water Colur                   |                                 | •              |                             | 1.03                            | gal                       |                    |                  |                            |
|                 |                                  |                                 |                |                             |                                 |                           |                    | vell = 0.667 gal | GS):                       |
| 3. PŲŔ(         | GE DATA                          |                                 | Date Pu        | rged: 11                    | 17/10                           | Time: C                   | 940                |                  | Equipment Model(s)         |
| Purge M         | lethod: ☐ Ba                     | ailer, Size: _<br>itrifugal Pum | (              | Bladder Pum                 | p 2 2" Sub. P                   | ump 🗓 4" Sub              | . Pump             | 1. P             | robutes mongo              |
|                 | s: Pump/Bailer                   | C Deliver                       |                |                             |                                 |                           |                    |                  | Det-15(=                   |
|                 | s: Rope/Tubing                   | LI Dedica                       | ted □P         | repared Off-Site            | Field-Clea                      | I Other:                  | sable              |                  | 151 556                    |
|                 |                                  | PrDedica                        | tea La Prep    | pared Off-Site              | ☐ Field-Cleane                  | d UpDisposa               | ble                | σ. <u></u>       |                            |
|                 | to Purge (mini                   |                                 |                |                             |                                 | gallons                   |                    | <del></del>      |                            |
| Was wel         | l purged dry?                    | □ Yes                           |                | Pumping Ra                  |                                 | gal/min                   | T =                |                  | Calibrated? (1) Yes        |
| Time            | Cum. Gallons<br>Removed<br>(gal) | ±0.1 su                         | ±2°C           | > of ±3% or<br>±10 µS/cm    |                                 | > of ±10% or<br>±0.2 mg/L | Turbidity ≤ 10 NTU | Water Level      | Comments                   |
| 0905            | 0                                | 7,03                            | 18,601         |                             | 95.6                            | 3.26                      | :2121              | 8.74             |                            |
| 0910            | 生.0                              | 7.05                            | 18,50          | 184                         | 52.8                            | 1.42                      | ©.00               | 8.68             |                            |
| 100915          | 4.0                              | *7.06                           | 18.49          | 185                         | 49,7                            | 1.30                      | 20.0               | 8,65             |                            |
| 0920            | 6,0                              | 7.15                            | 18.51          | 200                         | 48,7                            | 1,20                      | 0.16               | 8.78             |                            |
| 0925            | 8.0                              | 7-64                            | 18,50          | 195                         | 54.6                            | 1.15                      | 0.12               | 628              |                            |
|                 |                                  |                                 |                |                             |                                 |                           |                    |                  | a continued on next sheet? |
| I. SAMF         | LING DA                          | TA                              |                |                             | /                               |                           |                    | Geod             | nemical Analyses           |
| Method(s        | ):                               | er, Size:<br>ifugal Pump        | □ ☐ Peristalti | Bladder Pump ic Pump D Iner | 2" Sub. Pur<br>ا tial Lift Pump | mp 🔲 4" Sub<br>🗓 Other:   | Pump               | Ferrou           | `<br>uş Iron: mg/L         |
| Materials       | : Pump/Bailer                    |                                 | lene Stair     | nless PVC                   |                                 | Other:                    | able               | DO:              | mg/L                       |
| Materials       | : Tubing/Rope                    | -D Polvethy                     | lene 🗆 Polv    | propylene D T               | eflon® □ Nvid                   | n ∏.Other:                |                    | Nitrate          | e: mg/L                    |
| Depth to        | Water at Time                    |                                 |                |                             |                                 | Disposabl                 | 4                  | Sulfate          |                            |
|                 | D: <u>MW-191</u> :               | -                               |                |                             | ime: Ø1                         | ? □ Yes 🌣                 | No 7               | Alkalir          | WA                         |
|                 | Sample Collect                   |                                 |                | ' . <u> </u>                |                                 | # of Contain              |                    | Alkalir          | mg/L                       |
|                 | nt Blank Collec                  |                                 | ~ ` `          |                             |                                 | # of Contain              |                    |                  |                            |
| . COMN          | MENITO                           |                                 |                |                             |                                 |                           |                    |                  |                            |
| . COIVIIV       | IEINI O                          |                                 |                |                             |                                 |                           |                    |                  |                            |
|                 |                                  |                                 |                |                             |                                 |                           |                    |                  | ·                          |
| ote: Include co | omments such as                  | s well conditi                  | on, odor, pre  | sence of NAPL,              | or other items                  | not on the field-c        | lata sheet.        |                  |                            |
|                 |                                  |                                 |                |                             |                                 |                           | X                  | IN               | 1                          |
| ORM GW-2        | (Rev 25.Sept.08                  | 8 - sei)                        |                |                             |                                 | _                         | Signature          | <i>y</i>         |                            |

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### **GROUNDWATER SAMPLING FIELD DATA SHEET**

| WELL ID: | MW-19 |  |
|----------|-------|--|
|----------|-------|--|

|      | GE DATA                 |         |       |                          | OPP                    |                           | I =       | T 1          | -                                     |
|------|-------------------------|---------|-------|--------------------------|------------------------|---------------------------|-----------|--------------|---------------------------------------|
| Time | Cum. Gallons<br>Removed | pН      | Temp  | Spec. Cond.              | ORP                    | DO                        | Turbidity | Mater I avai | 0                                     |
|      | (gal)                   | ±0.1 su | ±2°C  | > of ±3% or<br>±10 µS/cm | > of ±10% or<br>±20 mV | > of ±10% or<br>±0.2 mg/L | ≤ 10 NTU  | Water Level  | Comments                              |
| 2930 | 10.0                    | 7,00    | 18.53 |                          | 55.6                   | 1.05                      | 6.08      | 8,70         |                                       |
| 1935 | 12.0                    | 6.99    | 18.54 |                          | 55,4                   | 1.02                      | 0.09      | 8.65         |                                       |
| 0940 | 14.0                    | 6.98    | 18,56 | 181                      | 55,7                   | 1.01                      | 0.09      | 8,80         |                                       |
| 9745 |                         |         |       |                          |                        |                           |           |              |                                       |
| -    |                         | ,       |       |                          |                        |                           |           |              |                                       |
|      |                         |         |       |                          |                        |                           |           |              | · · · · · · · · · · · · · · · · · · · |
|      |                         |         |       |                          |                        |                           |           |              |                                       |
|      |                         |         |       |                          |                        |                           |           |              |                                       |
|      |                         |         |       |                          |                        |                           | <u>.</u>  |              | · · · · · · · · · · · · · · · · · · · |
|      |                         |         |       |                          |                        |                           |           |              |                                       |
|      |                         |         |       |                          |                        | þ                         |           |              |                                       |
|      |                         |         |       |                          |                        |                           |           |              |                                       |
|      |                         |         |       |                          |                        |                           |           |              |                                       |
|      |                         |         | E E   |                          |                        |                           |           |              |                                       |
|      |                         |         |       |                          |                        |                           |           |              |                                       |
|      |                         |         |       |                          |                        |                           |           |              |                                       |
|      |                         |         |       |                          |                        |                           |           |              |                                       |
|      |                         |         |       |                          |                        |                           |           |              |                                       |
|      |                         |         |       |                          |                        |                           |           |              |                                       |
|      |                         |         |       |                          |                        |                           |           |              |                                       |
|      |                         |         |       |                          |                        |                           |           |              |                                       |
|      |                         |         | _     |                          |                        |                           |           |              |                                       |
|      |                         |         |       |                          |                        |                           |           |              |                                       |
|      |                         |         |       |                          |                        |                           |           |              |                                       |
|      |                         |         |       |                          |                        |                           |           |              |                                       |
|      |                         | _       |       |                          |                        |                           |           |              |                                       |
|      |                         |         |       |                          |                        | _                         |           |              |                                       |
|      |                         |         |       |                          |                        |                           |           |              |                                       |

Purge data continued on next sheet?

FORM GW-2 (Rev 25.Sept.08 - sej)

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15C

### **GROUNDWATER SAMPLING FIELD DATA SHEET**

WELL ID: MW-20

| 1. PRO          | JECT INF              | ORMA                            | TION           | Ł   |  |                             |                           | <u> </u>         |                              | 7  |
|-----------------|-----------------------|---------------------------------|----------------|---|--|-----------------------------|---------------------------|------------------|------------------------------|----|
| Project         | Number: <u>138</u>    | 8670                            | _ Task Nur     | nber: <u>200.0</u>                              | 01_  | Area of Con                 | cern:                     |                  |                              | 1  |
|                 | Owens Cor             |                                 |                |   |  | _ Personnel:_               |                           | en Mus           | and w                        |    |
| Project         | Location: An          | derson, S                       | South Ca       |   |  | <br>_ Weather:              |                           |                  |                              |    |
| 2. WEL          | L DATA                |                                 | Date M         |   |  |                             |                           |                  | porary Well: □Yes □No        | ╡  |
| Casing          | Diameter: _           | 2 in                            | ches           |   |  | Galv. Stee                  |                           |                  |                              | [  |
| Screen          | Diameter:             | in                              | ches           | •   |  | s Galv. Stee                |                           |                  |                              | 1  |
| Total D         | epth of Well:         | 67                              | feet           |   |  |                             |                           |                  | Other:                       |    |
| Depth to        | o Static Water:       | 22.25                           | -<br>_feet     |   |  |                             |                           | 1.0              | Other:                       |    |
| Depth to        | o Product: <u>/</u>   | V.A                             | _feet          | From: 🗆 To                                      | op of Well Casi                            | ng (TOC) 🖂 1                | Con of Protecti           | ve Casina 🖂      | Other                        |    |
| Length          | of Water Colur        | nn: <u>44.79</u>                | feet           | Well Volume                                     | : 7,47                                     | gai 22.42 <sup>1</sup>      | hke છુંચી -<br>Screened I | nterval (from    | GS): 57-67 @                 | (3 |
| 10              |                       |                                 | ·              | Note: 1-in well                                 | = 0.041 gal/ft <b>y</b>                    | 2-in well = 0.16            | 7 gal/ft 4-in v           | vell = 0.667 gal | /ft 6-in well = 1.469 gal/ft |    |
|                 | GE DATA               |                                 |                |   |  | _Time: _ I 🗸                |                           |                  | Equipment Model(s)           | 1  |
| Purge N         | flethod: ☐ Ba         | aller, Size: _<br>itrifugal Pum | p 🗆 Perista    | ⊔ Bladder Pum <sub>l</sub><br>altic Pump  □ Ind | p <b>□l/2</b> " Sub. P<br>ertial Lift Pump | rump 🔲 4" Sub               | . Pump                    | 1. <u>P</u>      | ro Actue SS Monson           |    |
|                 | s: Pump/Baile         | O D                             | nylene 🗷 Śta   | ainless 🗆 🗗 🗸                                   | ☐ Teflon® I                                |                             |                           | 2. 1             | ns. dit Met Der-             | 15 |
| Material        | s: Rope/Tubing        | ~ □ Polveth                     | oviene ⊒≁Po    | ivoropviene 🛘                                   | Teflon® □ N                                | vion □ Other:               |                           | 3. <u>Y</u>      | 51556 Mps.                   | l  |
|                 |                       | □ Dedica                        | ted Prep       | pared Off-Site                                  | ☐ Field-Cleane                             | ed Disposal                 | bie                       | 4                |                              | 1  |
|                 | to Purge (mini        |                                 |                |   |  | gallons                     |                           |                  | Calibrated? Des 🗆            |    |
| vvas we         | Il purged dry?        | □ Yes<br>pH                     | Temp           | Pumping Ra                                      |  | gal/min                     | Turkiditu                 |                  | Calibrated? UPTes U          | -  |
| Time            | Removed<br>(gal)      | ±0.1 su                         | ±2°C           | > of ±3% or                                     | > of ±10% or                               | > of ±10% or                | Turbidity<br>≤ 10 NTU     | Water Level      | Comments                     |    |
| <del> </del>    | (gai)                 |                                 |                | ±10 µS/cm                                       | ±20 mV                                     | ±0.2 mg/L                   | 2 10 1010                 |                  |                              |    |
| 1637            | 0                     | 4.97                            | 26.07          | 62  | 309.5                                      | 7.03                        | 52.2                      | 22.51            |                              |    |
| 1642            | 1.5                   | 5.05                            | 20.30          | 70  | 324.2                                      | 5.47                        | 11:0                      | 22.58            | -                            |    |
| 16437           | 3.0                   | 5.14                            | 26.31          | .90   | 334.3                                      | 4.68                        | 3.3.3                     | 22.52            |                              |    |
| 1652            | \$4.5                 | 5.14                            | 20.32          | 98  | 340,6                                      | 4.41                        | b.8                       | 22.54            |                              |    |
| 1657            | 6.0                   | 5, 14                           | 20.31          | 102   | 343.4                                      | 4.31                        | 6.2                       | 22. 52           |                              |    |
|                 |                       |                                 |                |   |  |                             |                           | Purge data       | a continued on next sheet?   | ,  |
| 4. SAMF         | PLING DA              |                                 |                |   | 1  |                             |                           | Geoch            | nemical Analyses             |    |
| Method(:        | s): ☐ Bail<br>☐ Centr | er, Size:<br>ifugal Pump        | ☐ Peristalt    | Bladder Pump<br>ic Pump □ Iner                  | □ 🗘 2" Sub. Pur<br>rtial Lift Pump         | mp 🔲 4" Sub. I              | Pump                      | Ferrou           | ıs Iron: mg/L                |    |
| Materials       | s: Pump/Bailer        |                                 |                |   |  |                             | able                      | DO:              | mg/L                         |    |
|                 | s: Tubing/Rope        |                                 |                |   |  |                             |                           | Nitrate          |                              |    |
|                 | Water at Time         |                                 |                |   |  | l y Disposabi<br>l? □ Yes 💆 | /                         | Sulfate          | e: NA mg/L                   |    |
|                 | D: <u>MW-20</u>       |                                 |                |   |  |                             |                           | Alkalin          | <del></del>                  |    |
|                 | Sample Colle          |                                 |                |   |  |                             |                           | / NRGIII         | mg/L                         |    |
| Equipme         | nt Blank Collec       | cted? D Y                       | es No          |   |  | # of Contain                |                           |                  |                              |    |
| 5. COM          | MENTS                 |                                 |                |   |  |                             |                           |                  |                              |    |
|                 |                       | <del></del>                     |                | , TE  |  |                             |                           |                  |                              |    |
|                 |                       |                                 |                |   |  |                             |                           |                  |                              |    |
| Note: Include o | omments such a        | s well condit                   | ion, odor, pre | sence of NAPL,                                  | or other items                             | not on the field o          | data sheet.               |                  | 1                            |    |
|                 |                       |                                 |                |   |  |                             | <b>*</b>                  | , t              | $(\lambda a)$                |    |
| FORM GW-2       | Rev 25.Sept.0         | 8 - sej)                        |                | Page  | of   | 9                           | Signature                 |                  |                              |    |

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| VVELL ID: IVIVV-20 | WELL II | D: | MW-20 |
|--------------------|---------|----|-------|
|--------------------|---------|----|-------|

| 2. 1 OI (                                    | GE DATA                 |              |       |             |                     | · · · · · · · · · · · · · · · · · · · |           |               | ~ <del></del> _                              |
|--|-------------------------|--------------|-------|-------------|---------------------|---------------------------------------|-----------|---------------|--|
| Time   | Cum. Gallons<br>Removed |              | Temp  | Spec. Cond. | ORP<br>> of ±10% or | DO > of ±10% or                       | Turbidity | Water Level   | Comments                                     |
|  | (gal)                   | ±0.1 su      | ±2°C  | ±10 μS/cm   | ±20 mV              | ±0.2 mg/L                             | ≤ 10 NTU  |               |  |
| 1702   | 7.5                     | 4.73<br>2.14 | 20.30 | 107         | 348.3               | 4,22                                  | 0,12      | 12.56         |  |
| 707  | \$9.0                   | 5.17         | 70.30 | 110         | 352.6               | 4.15                                  | 0.22      | 27.57         |  |
|  |                         |              |       |             |                     |                                       |           |               | · · · · · ·                                  |
|  |                         |              |       |             |                     |                                       | · ·       |               |  |
|  |                         |              |       |             |                     |                                       | ····      |               | <del></del>                                  |
|  | ,                       |              |       |             |                     | _                                     | —· ——·    |               | · · · · · · · · · · · · · · · · · · ·        |
|  |                         |              |       |             |                     |                                       | -         |               | <del></del>                                  |
|  | T.                      |              |       |             |                     |                                       |           |               |  |
|  |                         |              |       |             |                     |                                       |           |               |  |
|  |                         |              |       |             |                     |                                       |           |               |  |
|  |                         |              |       |             |                     |                                       |           |               | 3  |
|  |                         |              |       |             |                     |                                       |           |               |  |
|  |                         |              | .     | -           |                     |                                       |           | <del>,,</del> | <del></del> ;                                |
| <u>.                                    </u> |                         |              |       |             |                     |                                       |           |               |  |
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|  |                         |              |       |             |                     |                                       |           |               | **   |
|  |                         |              |       |             |                     |                                       |           |               |  |
|  |                         |              |       |             |                     |                                       |           |               |  |
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|  |                         |              |       |             |                     | 1                                     |           |               |  |
|  |                         |              | _     |             |                     |                                       |           |               |  |
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|  |                         |              |       |             |                     |                                       |           |               |  |

Signature
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FORM GW-2 (Rev 25.Sept.08 - sej)

#### **GROUNDWATER SAMPLING FIELD DATA SHEET**

WELL ID: <u>MW-21</u>

| 1. PRO          | JECT INF                | ORMA              | TION                       |                            |                                  |                                       |                                       |             |                              |
|-----------------|-------------------------|-------------------|----------------------------|----------------------------|----------------------------------|---------------------------------------|---------------------------------------|-------------|------------------------------|
| Project         | Number: <u>138</u>      | 3670              | _Task Num                  | ber: <u>200.0</u>          | 01                               | Area of Cond                          | ern:                                  |             |                              |
| Client:_        | Owens Corr              | ning              |                            |                            |                                  | Personnel:                            | K. Wh                                 | etstone     |                              |
| Project         | Location: And           | derson, S         | South Car                  | olina                      |                                  | _Weather:                             | Clear                                 | <u> </u>    |                              |
| 2. WEL          | L DATA                  |                   | Date Me                    | easured:                   | 11/18/10                         | Time:(                                | 737                                   | Tem         | porary Well: □Yes Sano       |
| Casing          | Diameter:               |                   |                            |                            |                                  | Galv. Steel                           |                                       |             |                              |
| Screen          | Diameter:               | <u>2</u> ind      | ches                       | Type: 🗹 P\                 | /C □ Stainles:                   | Galv. Steel                           | ☐ Teflon®                             | Other:      |                              |
| Total De        | epth of Well:           | 16.5              | _feet                      | From: 🗷 To                 | op of Well Casir                 | g (TOC) 🔲 T                           | op of Protecti                        | ve Casing 🛚 | Other:                       |
| Depth to        | Static Water:           | 7.93              | _feet                      | From: T                    | op of Well Casir                 | g (TOC) 🗖 T                           | op of Protecti                        | ve Casing   | Other:                       |
| Depth to        | Product:                | <del></del> .     | _feet                      | From: 🗅 T                  | op of Well Casir                 | g (TOC) 🗆 T                           | op of Protecti                        | ive Casing  | Other:                       |
| Length          | of Water Colun          | nn:               | _feet                      |                            |                                  |                                       |                                       |             | GS):                         |
| 3 DI ID         | GE DATA                 | <u>-</u>          | Doto Du                    |                            |                                  |                                       | · · · · · · · · · · · · · · · · · · · |             | /ft 6-in well = 1.469 gal/ft |
|                 | lethod: Gen             |                   |                            |                            |                                  | Time:                                 |                                       |             | Equipment Model(s)  Monsoon  |
|                 |                         | O D-14            |                            |                            |                                  | Other:                                |                                       |             | 451 556 MPS                  |
| Material        | s: <u>Pump</u> /Bailer  | Dedica            | ted 🗅 Pı                   | epared Off-Site            | e <b>If</b> Field-Clea           | ned Dispos                            | sable                                 |             |                              |
| Material        | s: Rope/ <u>Tubin</u> c | Polyeth Dedica    | nylene 🗆 Pol<br>ted 🗅 Prep | lypropylene Cared Off-Site | Teflon® □ Ny □ Field-Cleane      | rlon □ Other:_<br>d <b>☞</b> Disposat | ole                                   | 3           |                              |
| Volume          | to Purge (mini          |                   |                            |                            |                                  |                                       |                                       | 4           |                              |
| 1               | I purged dry?           | ☐ Yes             |                            |                            | ate:                             |                                       |                                       |             | Calibrated? □ Yes □          |
| Time            | Cum. Gailons<br>Removed | pН                | Temp                       | Spec. Cond.                |                                  | DO                                    | Turbidity                             |             |                              |
| Time            | (gal)                   | ±0.1 su           | ±2°C                       | > of ±3% or<br>±10 µS/cm   | > of ±10% or<br>±20 mV           | > of ±10% or<br>±0.2 mg/L             | ≤ 10 NTU                              | Water Level | Comments                     |
| 0737            | -                       | 5.14              | 17.77                      | 0.060                      | - 84.1                           | 136.4                                 | 70.2                                  | 7.93        |                              |
| 0742            |                         | 5.14              | 18.55                      | 0.060                      | -120-3                           | 96.0                                  | 28.2                                  | 8.10        |                              |
| 0747            |                         | 5.07              | 18.61                      | 0.060                      | -120.2                           | 70.0                                  | 7.82                                  | 8.11        |                              |
| 0752            |                         | 5.02              | 18.65                      | 0.060                      |                                  | 62.4                                  | 4.34                                  | 8.11        |                              |
| 0757            |                         | 4.99              | 18.62                      | 0.060                      | -121.0                           | 59.3                                  | 2.72                                  | 8.11        |                              |
| 0131            |                         | 7.11              | 10.62                      | 0.000                      | 161.0                            | <b>V</b> 5                            | 4.14                                  | D           | ta continued on next sheet?  |
| 4. SAMF         | PLING DA                | TA                | -                          |                            |                                  |                                       |                                       | 1           | hemical Analyses             |
| Method(s        | ,. 🔾 Bail               | er, Size:         |                            | Bladder Pump               | 2" Sub. Pu                       | mp 🔲 4" Sub. I                        | Pump                                  |             | <del>-</del>                 |
| Motorials       | : Pump/Bailer           |                   |                            |                            | ertial Lift Pump  □ Teflon® □    | Other:                                |                                       |             | us Iron: mg/L                |
|                 |                         | □ Dedicate        | ed 🗅 Pre                   | pared Off-Site             | Field-Clear                      | ed Disposa                            |                                       | DO:         | mg/L                         |
| Materials       | : Tubing/Rope           | Polyethy Dedicate | rlene □ Poly<br>ed □ Prepa | propylene   red Off-Site   | Teflon® □ Nyl<br>□ Field-Cleaned | on                                    | e                                     | Nitrat      | e: mg/L                      |
|                 | Water at Time           |                   |                            |                            |                                  | ? 🗆 Yes 🗆                             | No _                                  | Sulfat      | te: mg/L                     |
|                 | D: MN-21                |                   | _                          |                            |                                  | _ # of Contair                        | ners: <b>2</b>                        | Alkalii     | nity: mg/L                   |
| •               | Sample Colle            |                   | ,                          |                            |                                  | # of Contain                          |                                       |             |                              |
| Equipme         | nt Blank Collec         | ted? U Y          | ′es 🜠 No                   | ID:                        |                                  | # of Contain                          | ners:                                 | <u>L</u>    | · ·                          |
| 5. COM          | MENTS                   |                   |                            |                            |                                  |                                       |                                       |             |                              |
|                 |                         |                   |                            |                            |                                  |                                       |                                       |             |                              |
| Vote: Include : | omments such a          | e well condi      | tion odor                  | season of MAD              | l or other terri                 | not on the field                      | data chast                            |             |                              |
| .o.o. morace C  | Similaria Sucil d       | o won condit      | .ori, odor, pre            | GENCE OF NAPI              | _, or other items                | not on the field (                    | Jala Sneet.                           | 1111        | MH                           |
|                 |                         |                   |                            |                            |                                  |                                       | -//                                   | -4'///      | // 7 //                      |

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A AMATAL Signature

### **GROUNDWATER SAMPLING FIELD DATA SHEET**

| <b>WELL ID</b> | : MW-21 |  |
|----------------|---------|--|
|                |         |  |

| . FUN | GE DATA                 |         |       |             |          |   | Tr        | 1           |                                       |
|-------|-------------------------|---------|-------|-------------|----------|---|-----------|-------------|---------------------------------------|
| Time  | Cum. Gallons<br>Removed | pН      | Temp  | Spec. Cond. | ORP      | DO > of ±10% or   | Turbidity | Water Level | Comments                              |
|       | (gal)                   | ±0.1 su | ±2°C  | ±10 µS/cm   | ±20 mV   | ±0.2 mg/L   | ≤ 10 NTU  |             |                                       |
| 0802  |                         | 4.96    | 18.58 | 0.060       | -120.0   | 56.8  | 1.09      | 8.11        |                                       |
|       |                         |         |       |             |          |   |           |             |                                       |
|       |                         |         |       |             |          |   |           |             |                                       |
|       |                         |         |       |             |          |   |           |             | · · · · · · · · · · · · · · · · · · · |
|       |                         |         |       |             |          |   |           |             |                                       |
|       |                         |         |       |             | <u> </u> |   |           |             |                                       |
|       |                         |         |       |             | <u> </u> |   | -         |             |                                       |
|       |                         |         |       |             |          |   | -         |             |                                       |
|       |                         |         | 727   |             |          |   |           |             | 20.8                                  |
|       | -                       |         |       |             |          |   |           |             |                                       |
|       |                         |         | 1     |             |          |   |           |             |                                       |
|       | 13                      |         |       | (A)         |          |   |           |             | .,                                    |
|       |                         |         |       |             |          |   |           |             |                                       |
|       |                         |         |       |             |          |   |           |             |                                       |
|       |                         |         |       | 12          |          |   |           |             |                                       |
|       |                         |         |       |             |          |   | 50        |             |                                       |
| *     |                         |         |       |             |          | W.  |           |             |                                       |
|       |                         | s       |       |             |          |   |           |             |                                       |
| 9     |                         |         |       |             |          |   |           |             |                                       |
| \$ 30 |                         |         |       | 20          |          |   |           |             |                                       |
|       |                         |         |       |             |          |   |           |             |                                       |
|       |                         |         |       |             |          | de de la companya de |           |             |                                       |
|       |                         | B       |       |             |          |   |           |             |                                       |
|       |                         |         |       |             |          |   |           |             |                                       |
|       |                         | •       |       |             |          |   |           |             | - 11                                  |
|       |                         |         | 50    | 10          |          |   |           |             |                                       |
|       |                         |         |       |             |          |   |           |             |                                       |
|       |                         |         |       |             |          |   |           |             |                                       |
|       |                         |         |       |             |          |   |           |             |                                       |
|       |                         | 1       |       |             |          |   |           |             | ,                                     |

Purge data continued on next sheet?  $\ \square$ 

? Signature

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BROWN AND CALDWELL

WELL ID: MW-22

|                 |                             | 2/1                         |                 |                                 |                                    |                              |                 |             |  |
|-----------------|-----------------------------|-----------------------------|-----------------|---------------------------------|------------------------------------|------------------------------|-----------------|-------------|--|
| 1. PRO          | JECT INF                    | ORMA <sup>®</sup>           | TION            |                                 |                                    |                              |                 |             |  |
| Project         | Number: <u>138</u>          | <u> 8670 </u>               | Task Num        | ber: <u>200-0</u>               | 01                                 | Area of Cond                 |                 |             |  |
|                 | Owens Corr                  |                             |                 |                                 |                                    | Personnel:                   | K.M             | netstone    | <u>.                                    </u> |
| Project         | Location: And               | derson, S                   | South Car       | olina                           |                                    | _Weather:                    | SUMMY           | Clear       |  |
| 2. WEL          | L DATA                      |                             | Date Me         | easured: _                      | 11/17/10                           | Time: 0                      | 919             | Temp        | oorary Well: 🗆 Yes 😘 No                      |
| Casing          | Diameter:                   | 8ind                        | ches            | Type: ☑ PV                      | C Stainles                         | s 🛚 Galv. Steel              | ☐ Teflon®       | □ Other:    |  |
| Screen          | Diameter:                   | <u>8</u> ind                | ches            | Type: 🗳PV                       | C ☐ Stainles                       | Galv. Steel                  | ☐ Teflon®       | Other:      |  |
| Total De        | epth of Well:               | 116                         | feet            | From: 🗗 To                      | op of Well Casir                   | g (TOC) 🗖 T                  | op of Protectiv | /e Casing □ | Other:                                       |
| Depth to        | Static Water:               | 7.78                        | feet            | From: To                        | op of Well Casin                   | g (TOC) 🗖 T                  | op of Protectiv | ve Casing □ | Other:                                       |
| •               | Product:                    |                             | -               | From:   To                      | op of Well Casir                   | g (TOC) 🔲 T                  | op of Protectiv | ve Casing   | Other:                                       |
| Length o        | of Water Colum              | nn: 108,72                  | feet            |                                 | e:                                 |                              |                 |             | GS):<br>fft 6-in well = 1.469 gal/ft         |
|                 | GE DATA                     |                             |                 |                                 |                                    | Time:                        |                 |             | Equipment Model(s)                           |
| Purge M         | lethod: 🔲 Ba                | iler, Size:<br>trifugal Pum | <br>D □ Perista | ☐ Bladder Pum<br>Itic Pump ☐ In | p 🕊 2" Sub. Pe<br>ertial Lift Pump | ump □ 4" Sub.<br>□ Other:    | Pump            | 1           | Monsoon                                      |
|                 | s: Pump/Bailer              |                             |                 |                                 |                                    | Other:                       |                 | 2           | 451 556 MPS                                  |
| Material        | s: Rope/ <u>Tubing</u>      | . DP Polveth                | vlene 🗆 Po      | voropviene 🗆                    | Teflon® □ N                        | don □ Other:                 |                 | 3           |  |
|                 |                             | Dedica                      | ted 🗅 Prep      | ared Off-Site                   | ☐ Field-Cleane                     | ed <b>T</b> Disposat         | ole .           | 4           |  |
| ſ               | to Purge (minii             |                             | well v          |                                 |                                    |                              |                 |             | Calibrated? <b>■</b> Yes □                   |
| Was we          | Il purged dry? Cum. Gallons | pH                          | Temp            | Spec. Cond.                     | orp                                | gai/min                      | Turbidity       |             | odilibrator. 2 103 2                         |
| Time            | Removed<br>(gal)            | ±0.1 su                     | ±2°C            | •                               | > of ±10% or                       |                              | ≤ 10 NTU        | Water Level | Comments                                     |
| 0919            |                             | 5.07                        | 18.37           | 0.123                           | -163.9                             | 62.3                         | 85.0            | 7.78        |  |
| 0924            |                             | 5.19                        | 18.63           | 0.123                           | -165.0                             | 43.3                         | 0.14            | 7.79        |  |
| 0929            | 82                          | 5.12                        | 18-61           | 0.123                           | -160-6                             | 40.3                         | 0.06            | 7.80        |  |
| 0934            | -                           | 5.06                        | 18.61           | 0.123                           | -158.0                             | 38.4                         | 0.08            | 7.80        |  |
| 0939            | 20                          | 5.13                        | 18.50           | 0.123                           | -164.8                             | 36.5                         | 0.07            | 7.80        | •  |
| ***             | ,                           | -                           |                 |                                 |                                    |                              |                 | Purge dat   | a continued on next sheet?                   |
| 4. SAMF         | PLING DA                    | TA                          |                 |                                 |                                    |                              |                 | Geoc        | hemical Analyses                             |
| Method(         | s): 🚨 Bail                  | ler, Size:<br>ifugal Pump   | ☐ Peristalt     | Bladder Pump                    | 9 1 2 Sub. Pu                      | mp □ 4" Sub. l<br>□ Other:   | Pump            | Ferro       | us Iron: ma/L                                |
| Materials       | s: Pump/Bailer              |                             |                 |                                 |                                    |                              |                 | DO:         | mg/L   |
|                 |                             |                             |                 |                                 |                                    |                              | able            |             |  |
| Materials       | : Tubing/Rope               | Dedicate                    | ed D Prepa      | red Off-Site                    | ☐ Field-Cleaned                    | on □ Other:<br>I ☑ Disposabl | e               | Nitrate     | e:mg/L                                       |
|                 | Water at Time               | -                           | _               |                                 | _                                  | ? □ Yes □                    | _               | Sulfat      | e: mg/L                                      |
|                 | D: <u>MW-22</u>             |                             |                 |                                 |                                    |                              |                 | Alkalir     | nity:mg/L                                    |
| -               | Sample Colle                |                             | /               |                                 |                                    | # of Contain                 |                 |             |  |
| Equipme         | nt Blank Collec             | cted? U                     | es ler No       | ID:                             |                                    | # of Contain                 | ners:           | <u> </u>    |  |
| 5. COM          | MENTS                       |                             |                 |                                 |                                    |                              | EQ. (           |             |  |
|                 |                             |                             |                 |                                 |                                    |                              |                 |             |  |
| Note: Include o | comments such a             | s well condi                | ion, odor, pre  | esence of NAPL                  | ., or other items                  | not on the field o           | data sheet.     |             |  |
|                 |                             |                             |                 |                                 |                                    |                              | K               | +7/11       | Att  |
| FORM GW-2       | 2 (Rev 25.Sept.0            | )8 - sej)                   |                 | Daga                            | \ of                               | 1 3                          | Signature       | MY VI       | ·  |
|                 |                             |                             |                 | rage                            | <del>·</del> or _                  |                              |                 |             |  |

BROWN AND CALDWELL

WELL ID: <u>MW-24</u>

|                   |                        |                           |                |                                   |                               |                            |                     | - 65             |                                     |
|-------------------|------------------------|---------------------------|----------------|-----------------------------------|-------------------------------|----------------------------|---------------------|------------------|-------------------------------------|
| 1. PROJE          | CT INFO                | ORMA1                     | ΓΙΟΝ           |                                   |                               |                            |                     | (A               |                                     |
| Project Nu        | mber: <u>138</u> 0     | 670                       | Task Num       | ber: <u>200.00</u>                | )1                            | Area of Conc               | ern:                | . 4              |                                     |
| Client: Ov        | wens Corn              | ing                       |                |                                   |                               | Personnel:                 | Cristen             | Musa             | mr.                                 |
|                   |                        |                           |                |                                   |                               | Weather: (                 |                     |                  |                                     |
| 2. WELL           | DATA                   |                           | Date Me        | asured: 1                         | 118/16                        | Time: 1                    | <u> </u>            | T Temp           | orary Well: TYes TNo                |
| Casing Dia        | ameter:2               | 2inc                      | hes            | Type: PV                          | Cainless                      | Galv. Steel                | ☐ Teflon®           | Other:           |                                     |
| Screen Dia        | ameter:2               | <u>2inc</u>               | hes            | Type: Type                        | C   Stainless                 | Galv. Steel                | ☐ Teflon®           | Other:           |                                     |
| Total Depti       | h of Well:7            | 71                        | feet           | From: To                          | p of Well Casin               | g (TOC)                    | op of Protectiv     | re Casing 🔲      | Other:                              |
| Depth to S        | tatic Water:           | 10.02                     | feet           | From: To                          | p of Well Casin               | g (TOC)                    | op of Protectiv     | re Casing 🔲 🤇    | Other:                              |
| Depth to P        | roduct:                | VA                        | feet           | From: To                          | p of Well Casin               | g (TOC) 🗖 T                | op of Protectiv     | e Casing 🔲       | Other:                              |
| Length of V       | Water Colum            | n:                        | feet           | Well Volume                       | e:                            | _gal /                     | Screened I          | nterval (from    | GS):                                |
|                   |                        |                           |                | Note: 1-in well                   | = 0.041 gal/ft                | 2-in well ¥ 0.16           | 7 gal/ft 4-in w     | ell = 0.667 gal/ | GS):<br>ft 6-in well = 1.469 gal/ft |
| 3. PURGE          |                        |                           |                |                                   |                               |                            |                     |                  | Equipment Model(s)                  |
| Purge Metl        | hod: Genti             | ler, Size:<br>rifugal Pum | D □ Perista    | D Bladder Pump<br>Itic Pump □ Inc | 2" Sub. Puertial Lift Pump    | ımp □ 4" Sub.<br>□ Other:  | Pump                | 1. <u>YS</u>     | 1556                                |
| <u> </u>          | Pump/Bailer            | □ Polyeth                 | ylene 🗷 Sta    | inless PVC                        | ☐ Teflon® □                   | Other:                     |                     | 2. <u>P</u> r    | oachhess monse                      |
| l                 | •                      | <del></del>               |                | epared Off-Site<br>ypropylene   □ | •                             | ned Dispos                 | sable               | з. 🔊 🛭           | 07-15CF                             |
| Materials: I      | Rope/Tubing            | Dedicat                   | ed DiPrep      | ared Off-Site                     | ☐ Field-Cleane                | d Disposal                 | ole                 | 4.               | ·                                   |
| Volume to         | Purge (minin           |                           |                | olumes or                         |                               | gallons                    |                     |                  | Calibrated? Yes 🗆                   |
|                   | ourged dry?            | ☐ Yes                     | /              |                                   | te:                           |                            | l =                 | <del></del>      | Calibrated? A yes                   |
| Time              | um. Gallons<br>Removed | рН                        | Temp           | Spec. Cond.                       |                               | DO > of ±10% or            | Turbidity           | Water Level      | Comments                            |
|                   | (gal)                  | ±0.1 su                   | ±2°C           | ±10 µS/cm                         | ±20 mV                        | ±0.2 mg/L                  | ≤ 10 NTU            |                  |                                     |
| 11:34             | 0                      | 5.73                      | 19.97          | -122                              | 97.7                          | 11.36                      | 12.88               | 15.00            |                                     |
| 11:39             | 1.50                   | 7.70                      | 20.10          | 123                               | 1,95,7                        | 2,74                       | 6.03                | 16.48            |                                     |
| 1144              | 3,0                    | 5,70                      | 20,19          | 123                               | 104.2                         | 2.11                       | 3.57                | 16.53            |                                     |
| 1149              | 4.5                    | 5.63                      | 20.24          | 123                               | 91,3                          | 1.96                       | 3.80                | 16.46            |                                     |
| 1154              | 6.0                    | 5, 5°                     | 1 20,27        | 123                               | 79.4                          | 1,98                       | 3.59                | 14.35            | <i>y</i>                            |
|                   |                        |                           |                | ,                                 |                               |                            |                     |                  | a continued on next sheet?          |
| 4. SAMPL          | ING DA                 | TA                        |                |                                   |                               |                            |                     | Geocl            | hemical Analyses                    |
| Method(s):        | □ Baile                | er, Size:<br>ifugal Pump  | □ Peristalt    | Bladder Pump<br>ic Pump □ Ine     | 2" Sub. Pu<br>rtial Lift Pump | mp 🚨 4" Sub.<br>🗅 Other:   | Pump                | Ferro            | us (ron: mg/L                       |
| Materials: f      | Pump/Bailer            | □ Polyethy                |                | nless PVC                         |                               | Other:                     | able                | DO:              | mg/L                                |
| Materials:        | Tubing/Rope            |                           |                | propylene 🗆                       | , ,                           |                            |                     | Nitrate          | e: mg/L                             |
|                   | /ater at Time          | t                         |                |                                   |                               | l DXQisposab<br>l? □ Yes D |                     | Sulfat           | e: Mmg/L                            |
|                   |                        |                           |                |                                   |                               | _ # of Contail             | _                   | Alkalir          | nity: mg/L                          |
|                   | Sample Colle           |                           |                |                                   |                               | # of Contain               |                     |                  | 119/2                               |
| · '               | Blank Collec           |                           |                |                                   | ,                             | # of Contain               |                     |                  |                                     |
|                   |                        |                           |                |                                   |                               |                            |                     |                  |                                     |
| 5. COMM           | ENIS                   |                           |                |                                   |                               |                            |                     |                  |                                     |
|                   |                        |                           |                |                                   |                               |                            |                     |                  |                                     |
| Note: Include cor | mments such a          | s well condi              | tion, odor, pr | esence of NAPL                    | _, or other items             | not on the field           | data sheet <u>.</u> | 3                |                                     |
|                   |                        |                           |                |                                   |                               |                            | X                   | 1                | 100                                 |
| FORM GW-2         | (Rev 25.Sept.0         | )8 - sei)                 |                |                                   |                               | ( .                        | Signature           | 1 3/(            |                                     |

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### **GROUNDWATER SAMPLING FIELD DATA SHEET**

| WELL ID: | MW-24 |
|----------|-------|
|          |       |

| o. FUIN | GE DATA                 |         |       |             | <u> </u> |  | T         | 1           |                                       |
|---------|-------------------------|---------|-------|-------------|----------|--|-----------|-------------|---------------------------------------|
| Time    | Cum. Gallons<br>Removed | pН      | Temp  | Spec. Cond. | ORP      | DO   | Turbidity | Water Level | Comments                              |
| Time    | (gal)                   | ±0.1 su | ±2°C  | ±10 μS/cm   | ±20 mV   | > of ±10% or<br>±0.2 mg/L  | ≤ 10 NTU  | Water Level | Comments                              |
| 159     | 7.5-                    | 5.56    | 20,21 | 12395       | +269.0   | 1.92   | 3.43      | 17.29       |                                       |
| 1204    | 9.0                     | 55G     | 20.23 | 123         | 58.5     | 1,85   | 4,47      | 18.42.      | · · · · · · · · · · · · · · · · · · · |
| 1209    | 10,5                    | 5,54    | 20,23 | 123         | 53.1     | 1.90   | z.88      | 18,58       |                                       |
|         |                         |         |       | ,           |          |  |           |             |                                       |
|         | 8                       |         |       |             |          |  |           |             |                                       |
|         |                         |         |       |             |          |  |           |             |                                       |
|         |                         |         |       |             |          |  |           |             |                                       |
|         |                         |         |       |             |          |  |           |             |                                       |
|         |                         |         |       |             |          |  |           |             |                                       |
|         |                         |         |       |             |          |  |           |             |                                       |
|         |                         |         |       |             |          | -  |           |             |                                       |
|         |                         |         |       |             | 5        |  |           |             |                                       |
| TQK     |                         |         | -     |             |          |  |           |             | ,                                     |
|         |                         |         |       |             |          |  |           | <u> </u>    |                                       |
|         |                         |         |       |             |          |  |           |             |                                       |
|         |                         |         |       |             |          | -  |           |             | · · · · · · · · · · · · · · · · · · · |
|         |                         |         |       |             |          |  |           |             |                                       |
|         |                         |         |       |             |          |  |           |             |                                       |
|         |                         | ŀ       |       |             |          |  |           |             |                                       |
|         |                         |         |       |             |          |  |           |             |                                       |
|         |                         |         |       |             |          |  |           |             |                                       |
|         |                         |         | ı     |             | 1        |  |           |             |                                       |
|         |                         | -       | İ     |             |          | To the state of th |           |             |                                       |
|         |                         |         |       |             | 1        | l  |           | 76.7        |                                       |
|         |                         |         |       |             |          |  |           |             |                                       |
|         | 20                      |         |       |             |          |  |           |             |                                       |
|         |                         |         |       |             |          |  |           |             |                                       |
|         |                         |         |       |             |          |  |           |             |                                       |
|         |                         |         |       |             |          | - 1  |           |             |                                       |

Purge data continued on next sheet?

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Signature

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BROWN AND CALDWELL

WELL ID: <u>MW-25</u>

|                 |                           |                          | <u>.</u>                         |  |                                 |                              |                 |                  |                                       |
|-----------------|---------------------------|--------------------------|----------------------------------|--|---------------------------------|------------------------------|-----------------|------------------|---------------------------------------|
| 1. PRO          | JECT INF                  | ORMA                     | TION                             |  |                                 |                              |                 |                  | *10                                   |
| Project         | Number: <u>138</u>        | 3670                     | _Task Nun                        | nber: <u>200.0</u>                         | 01                              | Area of Cond                 | ern:            |                  | *2                                    |
| Client:_        | Owens Corr                | ning                     |                                  |  |                                 | Personnel:                   | K.WI            | retstone         | e                                     |
| Project         | Location: And             | derson, S                | South Ca                         | rolina                                     |                                 | Weather:                     | Clear,          | SUANY            |                                       |
| 2. WEL          | L DATA                    |                          | Date Me                          | easured: 11                                | 118/10                          | Time:                        | 0938            | Temp             | orary Well: □Yes ☑No                  |
| Casing          | Diameter:                 | <u>2in</u>               |                                  |  | C Stainless                     |                              |                 |                  |                                       |
| Screen          | Diameter:                 | <u>2inc</u>              | ches                             | Type: 🗷 PV                                 | C 🗆 Stainless                   | ☐ Galv. Steel                | ☐ Teflon®       | Other:           |                                       |
| Total De        | epth of Well:             | 50                       | feet                             | From: 🖫 To                                 | p of Well Casing                | g (TOC) 🗖 T                  | op of Protecti  | ve Casing 🔘      | Other:                                |
| Depth to        | Static Water:             | 11.99                    | _feet                            | From: To                                   | p of Well Casin                 | g (TOC) 🗖 T                  | op of Protectiv | ve Casing        | Other:                                |
| Depth to        | Product:                  |                          | feet                             | From: 🗆 To                                 | op of Well Casin                | g (TOC) 🗖 T                  | op of Protecti  | ve Casing        | Other:                                |
| Length o        | of Water Colum            | nn:                      | _feet                            |  | e:                              |                              |                 | nterval (from    |                                       |
| 2 DUD/          | CE DATA                   |                          | 5 . 5                            |  |                                 |                              |                 | ell = 0.667 gal/ | ft 6-in well = 1.469 gal/ft           |
| 3. PUR          | GE DATA                   | iler, Size:              | Date Pu                          | irged:'/<br>⊒ Bladder Pumi                 | 18/10<br>p. 872" Sub. Pu        | Time:()                      | Pump            | <u> </u>         | Equipment Model(s)                    |
| Purge M         | iethod: ☐ Ba<br>☐ Cen     |                          |                                  |  |                                 |                              |                 |                  | Vonsoon<br>161 FFC NOG                |
| Material        | s: <u>Pum</u> p/Bailer    | □ Polyeth □ Dedica       | iylene <b>⊠</b> ′Sta<br>ted □ Pi | ainless <b>11/</b> PVC<br>repared Off-Site | ☐ Teflon® ☐ Field-Clea          | I Other:<br>ned □ Dispo:     | sable           | 2                | 151 556 MPS                           |
| Material        | s: Rope/Tubino            | Polyeth                  | ylene Dec                        | lypropylene                                | Teflon® □ Ny<br>□ Field-Cleane  | lon    Other:_               | nlo             | 3                |                                       |
| Volume          | to Purge (mini            |                          | •                                |  |                                 | •                            | oie             | 4                |                                       |
|                 | If purged dry?            | □ Yes                    | ,                                | Pumping Ra                                 |                                 | gal/min                      |                 |                  | Calibrated? □ Yes □                   |
|                 | Cum. Gallons              | pН                       | Temp                             | Spec. Cond.                                |                                 | DO                           | Turbidity       |                  |                                       |
| Time            | Removed<br>(gal)          | ±0.1 su                  | ±2°C                             | > of ±3% or<br>±10 µS/cm                   | > of ±10% or<br>±20 mV          | > of ±10% or<br>±0.2 mg/L    | ≤ 10 NTU        | Water Level      | Comments                              |
| 0938            | 0                         | 4.85                     | 16.79                            | 0.059                                      | -101.2                          | 82.5                         | 87.3            | 11.99            |                                       |
| 0943            |                           | 4.93                     | 16.94                            | 0.059                                      | -112.1                          | 76.2                         | 17.17           | 13.27            |                                       |
| 0948            |                           | 4.89                     | 17.06                            | 0.059                                      | -111.7                          | 71.8                         | 14.64           | 13.30            |                                       |
| 0953            |                           | 4.83                     | 17.05                            | 0.059                                      | -109.4                          | 69.7                         | 6.75            | 13.22            |                                       |
| 0958            |                           | 4.80                     | 17.07                            | 0.059                                      | -108.6                          | 69.1                         | 4.79            | 13.33            |                                       |
|                 |                           |                          |                                  |  |                                 |                              |                 | Purge data       | a continued on next sheet?            |
| 4. SAMF         | PLING DA                  | TA                       |                                  |  |                                 |                              |                 | Geoch            | nemical Analyses                      |
| Method(s        | s):                       | er, Size:<br>ifugal Pump | □ Peristalt                      | Bladder Pump                               | 2" Sub. Pur<br>rtial Lift Pump〔 | np 🛘 4" Sub. I               | Pump            | Ferrou           | us Iron: mg/L                         |
| Materials       | : Pump/Bailer             | ☐ Polyethy               | dene WStai                       | nless YPVC                                 | ☐ Teflon® ☐                     | Other:                       |                 | DO:              | mg/L                                  |
|                 |                           | u Dedicate               |                                  | •  | Field-Clean<br>Feflon® □ Nvlo   | •                            | able            | Nitrate          |                                       |
|                 | :: Tubing/Rope            |                          |                                  |  |                                 | *                            |                 | Sulfate          |                                       |
|                 | Water at Time<br>D: MM-25 |                          |                                  |  | Field Filtered                  |                              | 1               |                  |                                       |
|                 | Sample Colle              |                          |                                  |  | ime: 1003                       | _                            |                 | Alkalir          | nity: mg/L                            |
|                 | nt Blank Collec           |                          | _                                |  |                                 | # of Contain<br># of Contain |                 | <del></del>      |                                       |
|                 |                           |                          |                                  |  | -                               | ,, or oomali                 |                 |                  |                                       |
| 5. COM          | VIENIS                    |                          |                                  |  |                                 |                              |                 |                  |                                       |
|                 |                           |                          |                                  |  |                                 |                              |                 |                  |                                       |
| Vote: Include d | comments such a           | s well condit            | tion, odor, pre                  | esence of NAPL                             | ., or other items               | not on the field o           | data sheet.     |                  | · · · · · · · · · · · · · · · · · · · |
|                 |                           |                          |                                  |  |                                 | ,                            | 7               | 1911             | YIA.                                  |
|                 |                           |                          |                                  |  |                                 |                              |                 | In all All       | 1                                     |

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Signature

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### **GROUNDWATER SAMPLING FIELD DATA SHEET**

WELL ID: <u>MW-26</u>

|                 |                                     |                                |                                       |                                    | <del></del>                    |                                |                |                  |  |
|-----------------|-------------------------------------|--------------------------------|---------------------------------------|------------------------------------|--------------------------------|--------------------------------|----------------|------------------|--|
| 1. PRO          | JECT INF                            | ORMA                           | TION                                  |                                    |                                |                                |                |                  |  |
| Project         | Number: <u>138</u>                  | 3670                           | _Task Nun                             | nber: <u>200.0</u>                 | 01                             | Area of Cond                   | cern:          |                  |  |
| Client:_        | Owens Corr                          | ning                           |                                       |                                    |                                | _ Personnel:                   | Keish.         | n Muse           | rome   |
| Project         | Location: And                       | derson, S                      | South Ca                              | rolina                             |                                | _ Weather:_S                   | umy/           | Clean            | 65°F   |
| 2. WEL          | L DATA                              |                                | Date Me                               | easured: 🚻                         | 11710                          | Time:                          | 343            | Temp             | porary Well: □Yes No                         |
| Casing          | Diameter:                           | 2in                            |                                       |                                    | •                              | s 🗅 Ģalv. Stee                 |                |                  | * *  |
| Şcreen          | Diameter:                           | <u>2in</u>                     | ches                                  | Type: DPV                          | /C ☐ Stainles                  | s 🛚 Galv. Stee                 | I □ Teflon®    | □ Other:         | <u>.                                    </u> |
| Total De        | epth of Well:                       | 66.7_                          | _feet                                 | From: Z To                         | op of Well Casir               | ng (TOC) 🗖 T                   | op of Protecti | ve Casing 🛚      | Other:                                       |
| Depth to        | Static Water:                       | 18.52                          | _feet                                 | From: 🗷 To                         | op of Well Casir               | ng (TÖC) 🔲 T                   | op of Protecti | ve Casing 🔲      | Other:                                       |
| Depth to        | Product:                            | NA                             | _feet                                 | From: 🗆 To                         | op of Well Casir               | ng (TOC) 🔲 T                   | op of Protecti | ive Casing 🛚     | Other:                                       |
| Length o        | of Water Colun                      | nn:                            | _feet                                 |                                    |                                | gal                            |                |                  | GS):   |
|                 |                                     |                                | · · · · · · · · · · · · · · · · · · · |                                    |                                |                                |                | vell = 0.667 gal | /ft 6-in well = 1.469 gal/ft                 |
|                 | GE DATA                             |                                | Date Pu                               | ırged: ₩€                          | 7/10                           | _Time: <u> </u>                |                | <del></del>      | Equipment Model(s)                           |
| Purge M         | lethod: ☐ Ba                        | ııler, Size: _<br>trifugal Pum | p ☐ Perista                           | ⊔ Bladder Pumi<br>iltic Pump •□ In | p                              | ump 🔲 4" Sub                   | Pump           | 1. <u> </u>      | 5: 226                                       |
|                 | s: Pump/Bailer                      |                                | nylene 🗷 Sta                          | ainless DVC                        | ☐ Teflon® (                    |                                | bla            | 2. <b>(</b>      | pactive Ss. munsu                            |
| Material        | s: Rope/Tubing                      | - A                            |                                       | ·                                  |                                | ylon □ Other:                  |                | з. Т             | ort -15ce                                    |
|                 | ,                                   | <sup>2</sup> Dedica            | ted 🗆 Prep                            | pared Off-Site                     | ☐ Field-Čleane                 | ed Disposal                    | ble •          | 4.               |  |
|                 | to Purge (mini                      |                                | •                                     |                                    |                                |                                |                |                  | Calibrated?                                  |
| Was we          | Il purged dry?                      | ☐ Yes<br>pH                    | Temp                                  | Spec. Cond.                        | ite:                           | gal/min                        | Turabialitus   |                  | Calibrated: Pres L                           |
| Time            | Cum. Gallons<br>Removed             |                                | <u> </u>                              | <u> </u>                           |                                | ' > of ±10% or                 | Turbidity      | Water Level      | Comments                                     |
|                 | (gal)                               | ±0.1 su                        | ±2°C                                  | ±10 μS/cm                          | ±20 mV                         | ±0.2 mg/L                      | ≤ 10 NTU       |                  |  |
| 1352            | 0                                   | 6.78                           | 18.33                                 | 55                                 | 211.3                          | 13.47                          | 7.16           | 21.37            |  |
| 1357            | 1.5                                 | € 70                           | 18.41                                 | 55                                 | 204.6                          | 9.42                           | 3.77           | 23.58            |  |
| 1402            | 3.0                                 | 4.55                           | 18.51                                 | 55                                 | 209.7                          | 6.94                           | 3.11           | 24.05            |  |
| 1407            | 4.5                                 | 6.42                           | 18.85                                 | 55 .                               | 215.6                          | 6.05                           | 2.71           | 24.04            |  |
| 1412            | 6.0                                 | 6.17                           | 18.50                                 | 65                                 | 232.3                          | 5.79                           | 14.5           | 26.20            | 76.20  |
|                 |                                     |                                |                                       |                                    |                                |                                |                |                  | a continued on next sheet?                   |
| 4. SAMF         | PLING DA                            | TA                             |                                       |                                    |                                |                                | ,              | Geocl            | hemical Analyses                             |
| Method(s        | s): 🔲 Bail                          | er, Size:<br>ifugal Pump       | ☐ Peristal                            | l Bladder Pump<br>tic Pump □ Ine   | 2" Sub. Pu<br>ertial Lift Pump | mp □ 4" Sub.<br>□ Other:       | Pump           | Ferro            | us Iron: mg/L                                |
| Materials       | : Pump/Bailer                       | ☐ Polyethy                     |                                       | inless PVC                         |                                | Other:                         | ahle           | DO:              | mg/L   |
| Materials       | :: Tubing/Rope                      | Polyethy                       | lene 🗆 Poly                           | propylene 🗅                        | r<br>Teflon® □ Nvl             | on 🗆 Other:                    |                | Nitrate          | e:\ mg/L                                     |
|                 | •                                   | Dedicate                       | ed U Prepa                            | ared Off-Site L                    | → Field-Cleaned                | Disposabl                      | /              | Sulfat           | 7  |
|                 | Water at Time<br>D: <u>الاسا</u>    |                                |                                       |                                    | Field Filtered                 |                                | (No            |                  | 1  |
|                 | Sample Colle                        |                                |                                       | •                                  | ime: <u>1777</u>               | _ # of Contǎir<br># of Contair |                | Alkalir          | nity: NTT mg/L                               |
|                 | nt Blank Collec                     |                                | 4                                     |                                    |                                | # of Contain                   |                |                  |  |
|                 | <del>-</del>                        |                                | ~/~'''                                |                                    |                                | # Of Contail                   |                |                  |  |
| 5. COM          | MENTS                               |                                |                                       |                                    |                                |                                | <u>.</u>       |                  |  |
|                 |                                     |                                |                                       | ·- ·                               |                                |                                |                |                  |  |
| Note: Include o | omments such a                      | s well condi                   | tion, odor, pre                       | esence of NAPI                     | or other items                 | not on the field               | data sheet     |                  |  |
| =               |                                     | Jorian                         | , 000i, pr                            | TO OF HAT L                        | -, or ourse nerro              |                                | Janu Sriedi.   | 1 1              | A O  |
| FODM GW 1       | Rev 25.Sept.0                       | 0:                             |                                       |                                    |                                | (                              | - V            | 7 // 4           |  |
| . VIVIII G44-2  | <ul> <li>(nev 25.Sept.0)</li> </ul> | o - sej)                       |                                       | D                                  |                                | ;                              | Signature      |                  |  |

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### **GROUNDWATER SAMPLING FIELD DATA SHEET**

| <b>WELL</b> | . ID: | MW-26 |  |
|-------------|-------|-------|--|
|             |       |       |  |

| 3 PUR    | GE DATA          | /contin | ued fror | m nage      |                        |                           |           |             |               |
|----------|------------------|---------|----------|-------------|------------------------|---------------------------|-----------|-------------|---------------|
| <u> </u> | Cum. Gallons     | pH      | Temp     | Spec. Cond. | ORP                    | DO                        | Turbidity |             | <del></del>   |
| Time     | Removed<br>(gal) | ±0.1 su | ±2°C     |             | > of ±10% or<br>±20 mV | > of ±10% or<br>±0.2 mg/L | ≤ 10 NTU  | Water Level | Comments      |
| 14:17    | 7.5              | 6.23    | 18.54    | 55          | 239.3                  | 5.47                      | 74.5      | 26.78       |               |
| 14,55    | 9.0              | 6,13    | 18.60    | 55          | 248.2                  | 5.26                      | 100.9     | 26.68       |               |
| 1427     | \$10.9           | 6.07    | 18.67    | 56          | 261.6                  | 4.99                      | 130.1     | 26.61       |               |
| 1432     | 12               | 6.06    | 18.68    | 56          | 269.7                  | 4.86                      | 203       | 24.73       |               |
| 1437     | 13.5             | (0.05   | 18.70    | 56          | 280.7                  | 4.89                      | 174       | 27.11       |               |
| 1442     | 15.0             | 6.01    | 18.71    | 56          | 302.9                  | 4,88                      | 175.0     | 27.20       |               |
| 1447     | 17.5             | 6.02    | 18.68    | 56          | *314.7                 | ५.१४                      | 154.1     | 27.27       |               |
| 1452     | 19.0             | 10.01   | 13.68    | 56          | 326.0                  | 4.86                      | 158.0     | 27.28       |               |
| 1457     | 20.5             | 6,02    | 18.69    | 56          | 347.4                  | 4.82                      | 1258      | 27.18       |               |
| 1502     | 22               | 6.00    | 18.70    | 56          | 357.3                  | 4.80                      | 137.2     | Z7.79       |               |
| 1507     | 23.5             |         | 18.62    | 56          | *373.9                 | 4.94                      | _         | 28.55       |               |
| 1512     | 25               | 6,09    | 18.62    | 56          | 373.8                  | 4.87                      | 108.2     | 28.82       |               |
| 1517     | 26.5             | 6,08    | 18.65    | 56          | 382.8                  | 4.78                      | 91.3      | 28.87       |               |
| 1322     | 28               | (0.07   | 18.70    | 56          | 391.4                  | 4.72                      | 107.2     | 28.78       |               |
| 1527     | 29.5             | 611     | 18.73    | 56          | 400.1                  | 4.68                      | 90.2      | 26.80       | 11            |
| 1532     | 31.0             | 6.09    | 18.72    | 56          | 407.2                  | 4.87                      | 98.1      | 2815        |               |
| 1537     | 32.5             | 6.10    | 18.70    | 56          | 409.9                  | 4.64                      | 93.4      | 28.30       |               |
| 1542     | 34.0             | 613     | 18.68    | 56          | 416.7                  | 4.73                      | 89.2      | 28.35       |               |
| 1547     | 35,5             |         | 18.68    | 56          | 411.6                  | 4.71                      | 95.4      | 28.40       |               |
| 1552     | 36.5             | 6-156   | 18.66    | 55          | 411,3                  | 4,67                      | 88.2      | 28.55       |               |
| !        |                  |         |          |             |                        | ,                         |           |             |               |
|          |                  |         |          |             |                        |                           |           |             |               |
| .        |                  |         |          |             |                        |                           |           |             | -             |
|          |                  |         |          |             |                        |                           |           |             |               |
|          |                  |         |          |             |                        |                           |           | -           |               |
|          |                  |         |          |             |                        |                           |           |             |               |
|          |                  |         |          |             |                        |                           |           |             |               |
|          |                  |         |          |             |                        |                           |           |             | · <del></del> |
| 7,507 -  |                  |         |          |             |                        |                           | 220       |             |               |

Purge data continued on next sheet?

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### **GROUNDWATER SAMPLING FIELD DATA SHEET**

WELL ID: MW-27

| 4 000           | IFOT INF   |   | FION                           |                             | -  | <u> </u>                  |                 | <del></del> .     |                             |
|-----------------|--|---|--------------------------------|-----------------------------|--|---------------------------|-----------------|-------------------|-----------------------------|
|                 | JECT INF   |   | –                              | h 200 00                    | 14   |                           |                 |                   |                             |
|                 | Number: <u>138</u><br>Owens Corr   |   |                                |                             | 2.1<br>  |                           |                 | of char           |                             |
| _               | Location: And  |   |                                |                             |  |                           | _               |                   | inv                         |
|                 | L DATA   |   |                                |                             |  |                           |                 |                   | orary Well: □Yes ☑No        |
|                 | Diameter:  | g inc   |                                | _                           |  |                           | -               | Temp  Other:      |                             |
| _               | Diameter:  |   |                                |                             | 243  |                           |                 | Other:            |                             |
|                 | epth of Well:  |   |                                |                             |  |                           |                 |                   | Other:                      |
|                 | Static Water:  |   |                                |                             |  |                           |                 |                   | Other:                      |
| i i             | Product:   |   | feet                           | •                           |  |                           |                 |                   | Other:                      |
| Length o        | of Water Colum   | ın: <b>765</b> 7                                | feet                           | Well Volume                 | ):   | _ gal                     | Screened I      | nterval (from     | GS):                        |
|                 |  |   |                                | Note: 1-in well             | = 0.041 gal/ft                                 | 2-in well = 0.16          | 7 gal/ft 4-in w | /ell = 0.667 gal/ | ft 6-in well = 1.469 gal/ft |
|                 | SE DATA  |   |                                |                             | 15/10  |                           |                 |                   | Equipment Model(s)          |
| Purge M         | lethod: 🔲 Bai  |   |                                |                             |  |                           |                 |                   | Mon30011                    |
| Materials       | s: <u>Pum</u> p/Bailer   | ☐ Polyeth☐ Dedicat                              | ylene <b>≝</b> Sta<br>.ed □ Pr | inless DPVC epared Off-Site | ☐ Teflon® ☐ Field-Clea                         | Other:                    | sable           | 2                 | 151 556 MPS                 |
| Materials       | s: Rope/ <u>Tubing</u>   | . Polveth                                       | vlene □ Pol                    | vpropylene 🗅                | Teflon® □ Nv                                   | on DOther:                |                 | 3                 |                             |
|                 | to Purge (minir  | Car Dedicat                                     |                                |                             | ☐ Field-Cleane                                 | •                         | ble             | 4                 |                             |
|                 | I purged dry?  | □ Yes   |                                |                             |  |                           |                 |                   | Calibrated? □ Yes □         |
|                 | Cum. Gallons   | рН  | Temp                           | Spec. Cond.                 |  | DO                        | Turbidity       |                   |                             |
| Time            | Removed<br>(gal)   | ±0.1 su   | ±2°C                           | > of ±3% or<br>±10 μS/cm    | > of ±10% or<br>±20 mV                         | > of ±10% or<br>±0.2 mg/L | ≤ 10 NTU        | Water Level       | Comments                    |
| 1634            | 0  | 6.26  | 19.14                          | 0.086                       | -129.7   | 89.4                      | 1.59            | 22.49             | The Torquis                 |
| 1639            | -  | 1.52  | 19.99                          | 0.193                       | -334.0   | 10.2                      | 16.20           | 22.68             |                             |
| 1,644           |  | 7.54  | 19.89                          | 0.182                       | -3464  | 7.5                       | 15.74           | 22.65             |                             |
| 1649            |  | 7.39  | 20.04                          | 0.171                       | -342.5   | 6.1                       | 11.78           | 22.65             | <u> </u>                    |
| 1454            |  | 7.28  | 20.04                          |                             |  | 5.3                       |                 |                   |                             |
| 1434            |  | 1.20  | 20.04                          | 0.164                       | -341.9   | 2.2                       | 1041            | 22.65             | a continued on next sheet?  |
| 4. SAMF         | PLING DA   | TA  |                                | <del></del>                 |  |                           |                 | •                 | nemical Analyses            |
| Method(s        |  |   |                                | Bladder Pump                | 2" Sub. Pur                                    | mp                        | Pump            |                   | ,                           |
| Materiale       |  |   |                                |                             | τιαι Liπ Pump ι<br>□ Teflon® □<br>■Field-Clean |                           |                 |                   |                             |
|                 |  |   |                                |                             |  |                           | able            | DO:               | mg/L                        |
| Materials       | : Tubing/Rope  | <ul><li>☑ Polyethy</li><li>☑ Dedicate</li></ul> | d □ Prepa                      | red Off-Site                | Field-Cleaned                                  | Disposab                  | le              | Nitrate           | e: mg/L                     |
| •               | Water at Time  | •   |                                |                             | Field Filtered                                 |                           | ^               | Sulfate           | e: mg/L                     |
|                 | D: Mw-27   |   |                                |                             |  | _ # of Contail            |                 | Alkalin           | nity: mg/L                  |
|                 | Sample Collect  The Sample |   | ,                              | ID:                         | <u> </u>                                       | # of Contain              |                 | İ                 |                             |
|                 |  | icu: u T  | CO 00 110                      | IU                          | -  | # of Contain              | iers:           |                   |                             |
| 5. COMN         | MENTS _  |   |                                |                             |  |                           |                 |                   |                             |
|                 | · · · · · · · · · · · · · · · · · · ·  |   |                                |                             |  |                           |                 |                   |                             |
| Vote: Include c | omments such as  | s well condit                                   | ion, odor, pre                 | sence of NAPL               | , or other items                               | not on the field          | data sheet.     |                   |                             |
|                 |  | -   | *                              |                             |  |                           | 1               | 1011              | 1111                        |

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Page \_\_\_\_ of \_2\_

ant Modeller Eignature

### **GROUNDWATER SAMPLING FIELD DATA SHEET**

| WELL ID | ١٠       | MW-27             |
|---------|----------|-------------------|
|         | <i>)</i> | IVIVV- <i>Z I</i> |

| 3. PURG | SE DATA          | (contin     | ued fron | n page 1                 | )      |                           |           |             |                                       |
|---------|------------------|-------------|----------|--------------------------|--------|---------------------------|-----------|-------------|---------------------------------------|
|         | Cum. Gallons     | рН          | Temp     | Spec. Cond.              | ORP    | DO                        | Turbidity | =           |                                       |
| Time    | Removed<br>(gal) | ±0.1 su     | ±2°C     | > of ±3% or<br>±10 µS/cm | ±20 mV | > of ±10% or<br>±0.2 mg/L | ≤ 10 NTU  | Water Level | Comments .                            |
| 1659    |                  | 7.15        | 20.01    |                          | -343.5 | 4.5                       | 9.14      | 12.65       | •                                     |
| 1704    |                  | 7.10        | 20.05    | 0.151                    | -344.2 | 4.3                       | 08.0      | 22.66       |                                       |
| 1709    |                  | 7.05        | 20.06    | 0.145                    | -347.2 | 3.9                       | 5.57      | 22.66       |                                       |
| 1714    |                  | 7.01        | 20.08    |                          | -3461  | 3.8                       | 5.08      | 22. Colo    | (FE)                                  |
|         | ļ                |             | -        |                          |        |                           |           |             |                                       |
|         |                  | * .*        |          |                          |        |                           |           |             |                                       |
| ĺ       |                  |             |          |                          |        |                           |           |             |                                       |
|         |                  |             |          |                          | - 5    |                           |           |             |                                       |
|         |                  |             |          |                          |        |                           |           |             |                                       |
| <b></b> |                  | *(*)        |          |                          |        |                           |           |             |                                       |
|         |                  |             |          |                          |        | •                         |           |             |                                       |
|         |                  |             | •        |                          |        |                           |           |             |                                       |
| 10      |                  | -           |          |                          |        |                           |           |             | · · · · · · · · · · · · · · · · · · · |
| -       |                  |             | 74       |                          | • •    |                           |           |             |                                       |
| ,,,,,   |                  | • 10        |          | <u></u>                  |        | 4),                       | 15        |             |                                       |
| ŭ.      | <u> </u>         | ##<br>  (4) |          |                          | F1 1   |                           | - 30      |             |                                       |
| 2       |                  | 8           |          |                          | 11.6   |                           |           | 8           |                                       |
| •       |                  |             | 9        | 22 (6                    | 2 **   |                           |           | 102         |                                       |
|         |                  | 11. 1000    | 11       |                          |        |                           | # S       | 17 585      | · · · · · · · · · · · · · · · · · · · |
|         |                  |             |          |                          |        | <u> </u>                  |           |             |                                       |
|         |                  |             |          |                          |        |                           |           |             |                                       |
|         | -                |             | ,        |                          | •      |                           |           |             |                                       |
|         |                  | 19          |          |                          |        | 6                         |           |             |                                       |
|         |                  | it i        |          |                          |        | ļ                         |           |             |                                       |
|         | •                |             |          |                          |        |                           | •         | -           |                                       |
|         |                  |             |          |                          |        |                           |           |             |                                       |
|         |                  |             | •        |                          | =      |                           | ı         |             |                                       |
|         |                  |             |          |                          |        |                           |           |             |                                       |
|         |                  |             |          |                          |        |                           | ,         |             |                                       |

Purge data continued on next sheet?  $\ \square$ 

### **GROUNDWATER SAMPLING FIELD DATA SHEET**

WELL ID: MW-28

|                 |                         |                           |                                  |                                 |                        |                               | Ja.             |                   |                              |
|-----------------|-------------------------|---------------------------|----------------------------------|---------------------------------|------------------------|-------------------------------|-----------------|-------------------|------------------------------|
| 1. PRO          | JECT INF                | ORMA <sup>·</sup>         | TION                             |                                 |                        |                               |                 |                   |                              |
| Project I       | Number: <u>138</u>      | 670                       | Task Num                         | ber: <u>200.00</u>              | )1                     | Area of Cond                  | ern:            |                   |                              |
| Client:_        | Owens Corr              | ning                      |                                  |                                 |                        | Personnel:                    | K.W             | HETSTONE          | <u> </u>                     |
| Project I       | _ocation: <u>A∩d</u>    | <u>lerson, S</u>          | South Car                        | olina                           |                        | Weather:                      | JUNN'           | Y/(LE             | AR                           |
| 2. WELI         | L DATA                  |                           | Date Me                          | asured: I                       | /19/10                 | Time:                         | 234             | Temp              | orary Well: □Yes ���o        |
| Casing I        | Diameter:               | 2inc                      | ches                             | Type: <b>₽</b> /PV              | C Q Stainless          | Galv. Stee                    |                 |                   |                              |
| Screen I        | Diameter:               | <u>2inc</u>               | hes                              | Type: ☑∱V                       | C 🗆 Stainless          | Galv. Sţeel                   | ☐ Teflon®       | Other:            | ·                            |
| Total De        | pth of Well:            | 31                        | feet                             | From: To                        | p of Well Casin        | g (TOC) 🔲 T                   | op of Protectiv | ve Casing 🔲       | Other:                       |
| Depth to        | Static Water:           | 18.22                     | feet                             | From: To                        | p of Well Casin        | g (TOC) 🗀 T                   | op of Protectiv | ve Casing 🔲       | Other:                       |
|                 | Product:                |                           |                                  | From:   To                      | p of Well Casin        | g (TOC)                       | op of Protectiv | ve Casing 🔲       | Other:                       |
| Length o        | of Water Colum          | nn: 12.70                 | feet                             |                                 |                        | _ gal                         |                 | nterval (from     | GS):                         |
| 2 DUD/          | GE DATA                 |                           | Data Du                          |                                 |                        |                               |                 | reii = 0.667 gai/ | ft 6-in well = 1.469 gal/ft  |
|                 |                         | iler, Size:               | Date Pu                          | rged:<br>Bladder Pumi           | 0 0 2" Sub. Pu         | Time:                         | Pump            |                   | Equipment Model(s)  Mon Soon |
| Purge M         | lethod: 🔲 Bai           |                           |                                  |                                 |                        |                               |                 |                   | 151 556 MPS                  |
| Material        | s: <u>Pump</u> /Bailer  | □ Polyeth □ Dedica        | iylene <b>e</b> rSta<br>ted □ Pr | inless □ PVC<br>epared Off-Site | ☐ Teflon® ☐ Field-Clea | I Other:<br>ned ☐ Dispo:      | sable           | 2                 | CIM SCCICI                   |
| Materials       | s: Rope/Tubino          | Polyeth                   | ylene □ Pol<br>ted □ Pren        | ypropylene 🔲                    | Teflon® □ Ny           | lon ☐ Other:_<br>d ☐ Disposal | nle             | 3                 |                              |
| Volume          | to Purge (minir         |                           |                                  |                                 |                        | •                             | Лe              | 4                 | <del></del>                  |
|                 | I purged dry?           | ☐ Yes                     |                                  | Pumping Ra                      |                        | _                             |                 |                   | Calibrated? ☐ Yes ☐          |
|                 | Cum. Gallons            | pН                        | Temp                             | Spec. Cond.                     | ORP                    | DO                            | Turbidity       |                   |                              |
| Time            | Removed (gal)           | ±0.1 su                   | ±2°C                             | > of ±3% or<br>±10 μS/cm        | 1                      | > of ±10% or<br>±0.2 mg/L     | ≤ 10 NTU        | Water Level       | Comments                     |
| 1234            | O                       | 4.85                      | 21.61                            | 1.678                           | 165.5                  | 16.0                          | 99.1            | 18.22             |                              |
| 1239            |                         | 4.97                      | 21.93                            | 1.522                           | 1.58                   | 9.9                           | 28.8            | 21.38             |                              |
| 1244            |                         | 4.86                      | 72.18                            | 1.509                           | 88.5                   | 154                           | 17.62           | 21.53             |                              |
| 1249            |                         | 4.95                      | 21.96                            | 1.470                           | 83.8                   | 16.0                          | 11.66           | 22.20             |                              |
| 1254            |                         | 4.86                      | 2191                             | 1.760                           | 87.2                   | 7.2                           | 9.76            | 22.66             |                              |
|                 |                         |                           |                                  |                                 |                        | <u> </u>                      | PIT             |                   | a continued on next sheet?   |
| 4. SAMF         | PLING DA                | TA                        |                                  |                                 | <del>-</del> -         |                               |                 | Geoch             | nemical Analyses             |
| Method(s        |                         | ler, Size:<br>ifugal Pump | □<br>□ Peristalt                 | Bladder Pump<br>ic Pump □ Ine   | 2" Sub. Pur            | mp □ 4" Sub.<br>□ Other:      | Pump            | Ferrou            | ıs Iron: mg/L                |
| Materials       | s: Pump/Bailer          | D D-1                     | rlene 🗹 Stair                    | nless DPVC                      | ☐ Teflon® ☐            |                               | able .          | DO:               | mg/L                         |
| Materials       | :: <u>Tubing</u> /Rope  |                           |                                  | •                               |                        | •                             |                 | Nitrate           | e: mg/L                      |
|                 | Water at Time           |                           |                                  |                                 |                        | ☑ Disposabl                   |                 | Sulfate           | e: mg/L                      |
|                 | D: MkJ-28               |                           |                                  |                                 |                        |                               |                 | Alkalin           |                              |
|                 | Sample Colle            |                           |                                  | ID:                             |                        | # of Contain                  |                 | Aikaiii           | ity:mg/L                     |
| -               | nt Blank Collec         |                           |                                  |                                 | 11-19-10               | # of Contain                  |                 | - Q127            | 30                           |
| E COM           | AFRITO                  |                           |                                  |                                 |                        | ·· <u>-</u> - ··              |                 |                   |                              |
| 5. COM          | MENIO                   |                           |                                  | ·                               |                        | 182                           | -               |                   |                              |
|                 |                         |                           |                                  |                                 | <u> </u>               |                               |                 |                   |                              |
| Note: Include o | comments such a         | is well condi             | tion, odor, pre                  | esence of NAPL                  | , or other items       | not on the field o            | data sheet.     |                   |                              |
|                 |                         |                           | -                                |                                 |                        | 1                             | 7/              | 1211/1            | Adl                          |
| FORM GW-2       | <b>2</b> (Rev 25.Sept.0 | )8 - sej)                 |                                  | Page                            | of                     | 2                             | Signature       | <u>-vuu</u> u     | - WW_)                       |

### **GROUNDWATER SAMPLING FIELD DATA SHEET**

| WELL ID: MW-28 |  |
|----------------|--|
|----------------|--|

|                  | GE DATA Cum. Gallons | рН      | Temp  | Spec. Cond.             | ORP               | DO                        | Turbidity   |             |          |
|------------------|----------------------|---------|-------|-------------------------|-------------------|---------------------------|-------------|-------------|----------|
| Time             | Removed<br>(gal)     | ±0.1 su | ±2°C  | > of ±3% or<br>±10 5 cm |                   | > of ±10% or<br>±0.2 mg/L | ≤ 10 NTU    | Water Level | Comments |
| 1259             |                      | 4.79    | 21.94 | 1.857                   | 84.5              | 5.9                       | 8.66        | 23.18       | .8.      |
| 1304             |                      | 4.72    | 22.01 | 1.964                   | 92.2              | 5.7                       | 7.90        | 13.18       |          |
| 1309             |                      | 4.65    | 22.08 | 2.075                   | 97.9              | 5.5                       | 4.73        | 22.97       |          |
| 1314             |                      | 4.66    | 21.98 | 2.043                   | 98.9              | 5.5                       | 1.98        | 23.20       |          |
| 1319             |                      | 4.62    | 21.93 | 2.046                   | 99.8              | 5.3                       | 1.24        | 23.59       |          |
| _                |                      |         |       |                         |                   |                           |             |             |          |
|                  |                      |         |       | 4                       | . 589             |                           |             |             |          |
| 100              | No.                  | 4       |       |                         |                   |                           |             |             |          |
|                  | 9                    |         | •     |                         |                   |                           |             |             |          |
|                  |                      | 2:      |       |                         |                   | (8)                       |             |             |          |
| 8                |                      |         |       |                         |                   |                           |             |             |          |
|                  |                      |         |       |                         |                   |                           |             |             |          |
|                  |                      |         |       |                         |                   |                           |             |             | = = 1    |
|                  |                      | it.     |       | *                       | · *               | **                        |             |             |          |
| - 8              |                      |         | *     |                         | 100               |                           | -           |             |          |
| į                |                      | • 6     |       |                         |                   |                           | •           |             | · ··     |
| 3 <sub>755</sub> | Ì                    | E       |       | 74                      |                   | 4                         |             | 19          |          |
| ist =            |                      |         |       |                         | 92 <del>3</del> 6 | E+                        | W           |             | W)       |
|                  |                      |         |       |                         |                   |                           | 8           |             | 6        |
|                  |                      |         |       |                         |                   |                           |             |             |          |
|                  |                      |         | 8     |                         |                   |                           |             |             |          |
|                  |                      |         |       |                         | •                 |                           | <del></del> |             |          |
|                  | a 9                  | e e     |       |                         |                   | •                         |             |             |          |
|                  |                      |         | İ     |                         |                   |                           |             |             |          |
|                  |                      |         | *     |                         |                   |                           |             |             |          |
|                  |                      | ==      |       |                         |                   |                           |             |             | Λ        |
|                  |                      |         |       |                         |                   |                           |             |             |          |
|                  |                      |         |       |                         | =                 |                           |             |             |          |

Purge data continued on next sheet?

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Signature

## Brown AND Caldwell

### **GROUNDWATER SAMPLING FIELD DATA SHEET**

WELL ID: MW-29R Zone 3 - Washler

| 1. PROJECT INFORMATION  |                         |                            |                  |                               |                             |                                     |             |             |                             |  |
|---|-------------------------|----------------------------|------------------|-------------------------------|-----------------------------|-------------------------------------|-------------|-------------|-----------------------------|--|
| Project N   | lumber: <u>  138</u>    | 670                        | Task Numb        | per: 200.0                    |                             | Area of Conc                        |             |             |                             |  |
|   | Drew Co                 |                            |                  | ją.                           |                             | Personnel: 1                        |             | -3          |                             |  |
| Project L   | ocation:                | vion, S                    | <u>-</u>         |                               |                             | Weather:                            | 607         | Overest     |                             |  |
| 2. WELL   | DATA                    |                            | Date Me          | asured: _/≾                   | Novje                       | Time:                               |             | Temp        | orary Well: 🗆 Yes 🖼 No      |  |
| Casing D  | iameter:                | inc                        | hes              | Type: □ PVC                   | □ Stainless                 | ☐ Galv. Steel                       | ☐ Teflon® ( | □ Other:    |                             |  |
| Screen D  | Diameter:               | inc                        | hes              | Type: PVC                     | □ Stainless                 | ☐ Galv. Steel                       | ☐ Teflon® ( | ☐ Other:    |                             |  |
| Total Depth of Well:feet  |                         |                            |                  |                               |                             |                                     |             |             |                             |  |
| Depth to Static Water:feet From: ☐ Top of Well Casing (TOC) ☐ Top of Protective Casing ☐ Other:   |                         |                            |                  |                               |                             |                                     |             |             |                             |  |
| Depth to Product:feet From: □ Top of Well Casing (TOC) □ Top of Protective Casing □ Other:  |                         |                            |                  |                               |                             |                                     |             |             |                             |  |
| Length of Water Column:feet Well Volume: gal Screened Interval (from GS): 454.  Note: 1-in well = 0.041 gal/ft 2-in well = 0.167 gal/ft 4-in well = 0.667 gal/ft 6-in well = 1.469 gal/ft |                         |                            |                  |                               |                             |                                     |             |             |                             |  |
| 3. PURGE DATA Date Purged: 16,NOV.10 Time: 1445 Equipment Model(s)  |                         |                            |                  |                               |                             |                                     |             |             |                             |  |
| Purge Method: Bailer, Size: Bladder Pump 2" Sub. Pump 4" Sub. Pump 1. 151 536 Mrs   |                         |                            |                  |                               |                             |                                     |             |             |                             |  |
| Materials: Pump/Railer  Polyethylene  Stainless  PVC  Teflon®  Other: 2.  ORT -INCE   |                         |                            |                  |                               |                             |                                     |             |             |                             |  |
| Materials: Pump/Baller Polyethylene Prepared Off-Site Field-Cleaned Disposable  Materials: Pump/Baller Polyethylene Prepared Off-Site Field-Cleaned Disposable  3. Vern Corperation       |                         |                            |                  |                               |                             |                                     |             |             |                             |  |
| Waterials. Hope/Tubing Dedicated Prepared Off-Site Field-Cleaned Disposable   |                         |                            |                  |                               |                             |                                     |             |             |                             |  |
| Volume to Purge (minimum): well volumes or gallons  |                         |                            |                  |                               |                             |                                     |             |             |                             |  |
| Was wel   | I purged dry?           | Yes                        |                  | Pumping Rat                   | e:                          | gal/min                             | Turbidity   |             |                             |  |
| Time  | Cum. Gallons<br>Removed | pН                         | Temp             | Spec. Cond.                   | ¥1                          | > of ±10% or                        | Turbidity   | Water Level | Comments                    |  |
|   | (gal)                   | ±0.1 su                    | ±2°C             | ±10 μS/cm                     | ±20 mV                      | ±0.2 mg/L                           | ≤ 10 NTU    |             |                             |  |
| RII   | Spe                     |                            |                  |                               |                             |                                     |             | 6 776.9     | T=16.9                      |  |
| 1515  | YST Full                | 6.31                       | 17.21            | 0.139                         | - 3.3                       | 5.72                                | 1.31        | 6780.1      | T= 16.9                     |  |
| 1520  | 0.25                    | 5.66                       | 17.09            | 0.134                         | -1.7                        | 2.27                                | 1.12        | 6776.8      | T=16.9                      |  |
| 1525  | 0.50                    | 5.38                       | 17.05            | 0.133                         | -2.4                        | 1.81                                | 1.09        |             |                             |  |
| 1530  | 0.75                    | 5.36                       | 17.05            | 0.133                         | -3.6                        | 1.85                                | 0.84        |             |                             |  |
|   |                         |                            |                  |                               |                             |                                     |             | Purge dat   | ta continued on next sheet? |  |
| 4. SAMF   | PLING DA                | TA                         |                  |                               |                             |                                     |             | Geoc        | hemical Analyses            |  |
| Method(s  | s): 🔲 Bai               | ler, Size:<br>rifugal Pump | □<br>□ Peristalt | Bladder Pump<br>ic Pump 🗖 Ine | ☐ 2" Sub. Purtial Lift Pump | mp □ 4" S⊌b.<br>□ Other: <b>□ 4</b> | Pump        | Ferro       | us Iron: mg/L               |  |
| Materials   | s: Pump/Bailer          | ☐ Polyethy                 | /lene 🗗 Stai     | nless PVC                     | ☐ Teflon® ☐                 | l Other:<br>ned ☐ Dispos            | able        | DO:         | mg/L                        |  |
| Materials   | s: Tubing/Rope          |                            |                  | •                             |                             |                                     |             | Nitrat      | e: mg/L                     |  |
|   | Water at Time           |                            |                  |                               |                             | d □ Disposab<br>d? □ Yes d          |             | Sulfa       | te: mg/L                    |  |
|   |                         |                            | -                |                               |                             |                                     |             | Alkali      | nity: mg/L                  |  |
| Sample ID: MV-21R Sample Date: MMW Sample Time: MSC # of Containers: Alkalinity: mg/L  Duplicate Sample Collected? Yes No ID: # of Containers:  |                         |                            |                  |                               |                             |                                     |             |             |                             |  |
| Equipment Blank Collected?  Yes No ID: # of Containers: #   |                         |                            |                  |                               |                             |                                     |             |             |                             |  |
| 5. COMMENTS   |                         |                            |                  |                               |                             |                                     |             |             |                             |  |
| J. J. J. 1411   | 7.L. 1 1 O              |                            |                  |                               |                             |                                     |             |             |                             |  |
|   |                         |                            |                  |                               |                             |                                     |             |             |                             |  |
| Note: Include comments such as well condition, odor, presence of NAPL, or other items not on the field data sheet.  |                         |                            |                  |                               |                             |                                     |             |             |                             |  |

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Page \_\_\_\_ of \_\_\_\_ Signature



WELL ID: MU-29R Z3

| 3. PUR   | GE DATA          | (contin | ued fron | n page l                 | )                      |                           |           | <u> </u>    |          |
|----------|------------------|---------|----------|--------------------------|------------------------|---------------------------|-----------|-------------|----------|
|          | Cum. Gallons     | рН      | Temp     | Spec. Cond.              | ORP                    | DO                        | Turbidity |             |          |
| Time     | Removed<br>(gal) | ±0.1 su | ±2°C     | > of ±3% or<br>±10 µS/cm | > of ±10% or<br>±20 mV | > of ±10% or<br>±0.2 mg/L | ≤ 10 NTU  | Water Level | Comments |
| 1535     | 1.0              | 5.34    | 17.02    | 0.131                    | - 5.3                  | 1.95                      | 111       | 6780.2      | 7=16.9   |
| 1540     | 1.4              | 5.32    | 17.03    | 0.130                    | -6.0                   | 2.00                      | 1.41      | 6780.3      |          |
| 1545     | 1.6<br>Surpled   | 5.33    | 17.03    | 0.130                    | -5.°                   | 1.99                      | 1.13      | 6777.8      | 7-16.7   |
| p 50     | Surpled          |         |          |                          |                        |                           |           |             |          |
|          | (                |         |          |                          |                        |                           |           |             |          |
|          |                  |         |          |                          |                        |                           |           |             |          |
|          |                  |         |          |                          |                        |                           |           |             |          |
|          |                  |         |          |                          |                        |                           |           |             |          |
|          |                  |         |          |                          |                        |                           |           |             |          |
|          |                  |         |          |                          |                        |                           |           |             |          |
|          |                  |         |          |                          |                        |                           |           |             |          |
|          |                  |         |          |                          |                        | 40                        |           |             |          |
|          | -                |         |          |                          |                        |                           |           |             |          |
| <u> </u> |                  |         |          |                          |                        |                           |           |             |          |
|          |                  |         |          |                          |                        |                           |           |             |          |
| •        |                  |         |          |                          |                        |                           |           |             |          |
|          |                  |         |          |                          |                        |                           |           |             |          |
|          |                  |         |          |                          |                        |                           |           |             |          |
|          |                  |         |          |                          |                        |                           |           |             |          |
|          |                  |         |          | 1                        |                        |                           |           |             |          |
|          |                  |         |          |                          |                        |                           |           |             |          |
|          |                  |         |          |                          |                        |                           |           |             |          |
|          |                  |         |          |                          |                        |                           |           |             |          |
|          |                  |         |          |                          |                        |                           |           |             |          |
|          |                  |         |          |                          |                        |                           |           |             |          |
|          |                  |         |          |                          |                        |                           |           |             |          |
|          |                  |         |          |                          |                        |                           |           |             |          |
|          |                  |         |          |                          |                        |                           |           |             | -        |

Purge data continued on next sheet?

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FORM GW-2 (Rev 11.March.10 - sej)

### **GROUNDWATER SAMPLING FIELD DATA SHEET**

WELL ID: <u>MW-29R Zone 4-Waterloo</u>

|   |  |                            |              |                            |                 | *                          |              |                | <del></del>                |  |
|---|--|----------------------------|--------------|----------------------------|-----------------|----------------------------|--------------|----------------|----------------------------|--|
| 1. PROJECT INFORMATION  |  |                            |              |                            |                 |                            |              |                |                            |  |
| Project   | Number: <u>138</u>   | 3670                       | Task Num     | ber: <u>200.00</u>         | )1              | Area of Cond               | ern:         |                |                            |  |
| Client:_  | Owens Cori   | ning                       |              |                            |                 | _Personnel:(               | )on          | _              |                            |  |
| Project   | Location: And  | <u>derson, S</u>           | South Car    | olina                      |                 | _Weather: <u></u>          | 65°F 0       | Veces          |                            |  |
| 2. WEL  | L DATA   |                            | Date Me      | easured: <u>/</u> 5        | Nev.IL          | Time: <u>/</u> 7           | <u>'5</u>    | Temp           | orary Well: □Yes ੴNo       |  |
| Casing  | Diameter:  | inc                        | ches Lend    | oth of water co            | olumn calcula   | ition:                     |              |                |                            |  |
| Screen  | Diameter:  | 6ind                       | ches (       | 8932.8-Curre               | nt Dg reading   | )*0.02724)*2.3             | 3108) = Lenç | gth of water o | olumn (ft)                 |  |
| Samplin   | Well Vol. calculation:  Sampling Interval: 177.6-202.2 feet 1 well vol. = [vol sand interval(6") - vol of waterloo casing (2")] + vol of water intubing(1/4")  = [36.14 gal - 4.11 gal] + (0.0102 gal/ft x length of water column) |                            |              |                            |                 |                            |              |                |                            |  |
| Depth to Static Water: 6044.5 feet [60] = [vol sand interval(6") - vol of waterloo casing (2")] + vol of water intubing(1/4") = [36.14 gal - 4.11 gal] + (0.0102 gal/ft x length of water column) |  |                            |              |                            |                 |                            |              |                |                            |  |
| Depth to Product:feet   |  |                            |              |                            |                 |                            |              |                |                            |  |
| Length of Water Column:feet   |  |                            |              |                            |                 |                            |              |                |                            |  |
| Note: 1-in well = 0.041 gal/ft 2-in well = 0.167 gal/ft 4-in well = 0.667 gal/ft 6-in well = 1.469 gal/ft   |  |                            |              |                            |                 |                            |              |                |                            |  |
| 3. PURGE DATA Date Purged: /6-JWV.lv Time: /555   |  |                            |              |                            |                 |                            |              |                |                            |  |
| Pulge Metriou. Centrifugal Pump Peristaltic Pump Inertial Lift Pump Pother:   |  |                            |              |                            |                 |                            |              |                |                            |  |
| Materials: Pump/Bailer  |  |                            |              |                            |                 |                            |              |                |                            |  |
| Materials: Rone/Tuhing   Polyethylene  Polypropylene  Teflon®  Nyion  Other:  |  |                            |              |                            |                 |                            |              |                |                            |  |
| 1   | Waterials: Rope/Tubing   |                            |              |                            |                 |                            |              |                |                            |  |
|   | ll purged dry?   | ∏ Yes                      |              | Pumping Ra                 |                 | gallons<br>gal/min         |              |                | Calibrated? <b>⊡</b> Yes □ |  |
|   | Cum. Gallons   | pН                         | Temp         | Spec. Cond.                |                 | DO                         | Turbidity    |                |                            |  |
| Time  | Removed (gal)  | ±0.1 su                    | ±2°C         |                            |                 | > of ±10% or               | ≤ 10 NTU     | Water Level    | Comments                   |  |
| 1601  |  |                            |              | ±10 µS/cm                  | ±20 mV          | ±0.2 mg/L                  |              | 6048.6         | T= 1/ G                    |  |
| 1603  | Steet -  | 6.16                       | 17.14        | 0.140                      | 5.2             | 3.//                       |              |                | T=16.9                     |  |
|   | •  |                            |              |                            |                 |                            | 105          |                | _                          |  |
| 1608  | 0.4  | 5.83                       | 17.09        | 0.168                      | -S.J            | 0.83                       | 6.95         | 6779.6         | -                          |  |
| 1613  | 0.75   | 5.60                       | 17.06        |                            | -11.4           | 0.94                       | 7.97         | 6266.1         | (=167                      |  |
| 1618  | 1.1  | 5.50                       | 17.04        | 0.148                      | -13.8           | 1.06                       | 7.57         | 6269.3         | T = 16.9                   |  |
|   |  |                            |              | ····                       |                 |                            |              | Purge dat      | a continued on next sheet? |  |
| 4. SAMF   | PLING DA   |                            |              | Diadder Direc              | D Oll Carlo     |                            | Diverse      | <u>Geoc</u>    | hemical Analyses           |  |
| Method(   |  | ler, Size:<br>rifugal Pump |              |                            |                 | mp 4" Sub.  Other:         |              | Ferro          | us Iron: mg/L              |  |
| Materials   | : Pump/Bailer  | ☐ Polyethy ☐ Dedicate      |              | nless D PVC pared Off-Site |                 |                            | able         | DO:            | mg/L                       |  |
| Materials   | :: Tubing/Rope   | Polyethy                   | lene 🗆 Poly  | rpropylene 🔲               | reflon® □ Ny    | lon 🗆 Other:               | <del> </del> | Nitrat         | e: mg/L                    |  |
|   | Water at Time  | Dedicate                   | ed ⊔ Prepa   | red Off-Site               | ⊒ Field-Cleaned | d □ Disposab<br>d? □ Yes ∎ |              | Sulfat         | e:/ mg/L                   |  |
|   |  | ## ·                       |              | <br>% <b>!</b> Sample T    |                 | # of Contain               | 1            |                |                            |  |
| Sample ID: MV-21R Sample Date: / Nov.10 Sample Time: 1630 # of Containers: Alkalinity: mg/L  Duplicate Sample Collected?  Yes No ID: # of Containers:   |  |                            |              |                            |                 |                            |              |                |                            |  |
| Equipment Blank Collected?   Yes   No ID: # of Containers: #  |  |                            |              |                            |                 |                            |              |                |                            |  |
| 5. COMMENTS   |  |                            |              |                            |                 |                            |              |                |                            |  |
| J. COIVII   | VIEIVIO  |                            |              |                            |                 |                            | -            |                |                            |  |
|   |  |                            | <del>-</del> |                            |                 |                            |              |                |                            |  |
| Note: Include comments such as well condition, odor, presence of NAPL, or other items not on the field data sheet.  |  |                            |              |                            |                 |                            |              |                |                            |  |

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### **GROUNDWATER SAMPLING FIELD DATA SHEET**

WELL ID: <u>MW-29R Zone 4-Waterloo</u>

|      | Cum. Gallons     | pH      | Temp  | n page <u>l</u><br>Spec. Cond. | ORP  | DO                        | Turbidity |             | -                |
|------|------------------|---------|-------|--------------------------------|--|---------------------------|-----------|-------------|------------------|
| Time | Removed<br>(gal) | ±0.1 su | ±2°C  | <del></del>                    | <del>                                     </del> | > of ±10% or<br>±0.2 mg/L | ≤ 10 NTU  | Water Level | Comments         |
| 1623 | 1.6              | 5.45    | 17.04 | 0.144                          | -169   |                           | 5.71      | 6263.4      | T=16.9<br>T=16.9 |
| 1628 | 1.9              | 5.42    | 17.03 | 0.143                          | -17.7  | 1.10                      | 5.90      | 6264.5      | T=169            |
| 1630 |                  |         |       |                                |  |                           |           |             |                  |
|      |                  | Gr.     |       |                                |  |                           |           |             |                  |
|      |                  |         |       |                                |  |                           |           |             |                  |
|      |                  |         | i     | -                              |  |                           |           |             |                  |
|      |                  |         |       |                                |  |                           |           |             |                  |
|      |                  |         |       |                                |  |                           |           |             | 4                |
|      |                  |         | 175   | +                              |  |                           |           |             |                  |
|      |                  |         |       |                                |  |                           |           |             |                  |
|      |                  |         |       |                                |  |                           |           | 77          |                  |
|      |                  |         |       |                                |  |                           |           |             | <u>.</u>         |
|      |                  |         |       |                                |  |                           |           |             |                  |
|      |                  |         |       |                                |  |                           | 3         |             |                  |
|      |                  |         |       |                                |  |                           |           | 1           |                  |
|      |                  |         |       |                                |  |                           |           |             |                  |
|      |                  |         | 167   |                                |  |                           |           |             |                  |
|      | 8                |         |       |                                |  |                           |           |             |                  |
|      |                  |         |       |                                |  |                           |           |             |                  |
|      |                  |         |       | 227                            |  |                           |           |             |                  |
|      |                  | 5       |       |                                |  |                           |           |             |                  |
|      |                  |         |       |                                |  |                           |           |             |                  |
|      |                  | 12      |       |                                |  |                           |           |             |                  |
|      |                  |         |       |                                |  |                           |           |             |                  |
|      |                  |         |       |                                |  |                           | _         |             |                  |
|      |                  |         |       | =                              |  |                           |           |             |                  |
|      |                  |         |       |                                | 1  |                           |           |             |                  |
|      |                  |         |       | <u> </u>                       |  |                           |           |             |                  |
|      |                  |         |       |                                |  |                           |           |             |                  |

Purge data continued on next sheet?

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### **GROUNDWATER SAMPLING FIELD DATA SHEET**

WELL ID: MW-30

|      | 1. PROJECT INFORMATION Project Number: 138670 Task Number: 200.001 Area of Concern:                                |                         |                   |                            |                                 |                                   |                                     |                   |                   |                                 |               |
|------|--|-------------------------|-------------------|----------------------------|---------------------------------|-----------------------------------|-------------------------------------|-------------------|-------------------|---------------------------------|---------------|
|      |  | Owens Corr              |                   |                            |                                 |                                   |                                     |                   | HE1STON           | <br>E                           |               |
|      |  | Location: And           | _                 |                            |                                 | · · ·                             | _                                   | SUND              |                   | _                               |               |
|      | 2. WEL   | L DATA                  |                   | Date M                     | easured:                        | 11/19/10                          | Time:                               | 1055              | Tomo              | orary Well: □Yes                |               |
|      | 1 '  | Diameter:               |                   |                            | ,                               | VC □ Stainless                    |                                     | •                 |                   | •                               | UMINO         |
|      | Screen Diameter: 2 inches Type: YPVC Stainless Galv. Steel Teflon® Other:  |                         |                   |                            |                                 |                                   |                                     |                   |                   |                                 |               |
|      | Total D  | epth of Well:           | 113               | _feet                      | From: T                         | op of Well Casin                  | g (TOC)                             | Γορ of Protectiv  | ve Casing 🔲       | Other:                          |               |
|      | Depth to   | o Static Water:         | 22.21             | _feet                      | From: 🖫 T                       | op of Well Casin                  | g (TOC)                             | Top of Protective | ve Casing 🔲       | Other:                          |               |
|      |  | o Product:              |                   | _feet                      | From: 🔾 T                       | op of Well Casin                  | g (TOC)                             | Top of Protecti   | ve Casing 🔲       | Other:                          |               |
|      | Length   | of Water Colum          | nn: <u>40.7</u> 9 | feet                       |                                 | e:                                |                                     |                   | nterval (from     | GS):<br>ft 6-in well = 1.469 ຢູ | 1/6           |
|      | 3 PLIR   | GE DATA                 |                   | Doto Di                    |                                 | /19/10                            |                                     |                   | /eii = 0.667 gai/ |                                 |               |
|      |  | Method: Gen             |                   | Date Pt                    | irged <u>w</u><br>□ Bladder Pum | / 11//10<br>np @r∕2"Sub.Pu        | imp □ 4"Sub                         | . Pump            |                   | Equipment Mod                   | <u>1ei(s)</u> |
|      |  |                         |                   |                            |                                 | nertial Lift Pump                 |                                     |                   | 1 <b>V</b>        | 51 556 N                        | NP            |
|      | Material   | s: Pump/Bailer          | □ Dedica          | ted □P                     | repared Off-Sit                 | e Se Field-Clea                   | ned Dispo                           | sable             | 21                |                                 |               |
|      | Material   | s: Rope/Tubino          | Polyeth<br>Dedica | nylene □ Po<br>ted □ Prep  | lypropylene D<br>pared Off-Site | Teflon® □ Ny<br>□ Field-Cleane    | lon □ Other:_<br>d <b>및</b> Disposa | ble               | 3                 |                                 |               |
|      | Volume   | to Purge (minir         | mum):             | well v                     | volumes or _                    |                                   | gallons                             |                   | 4                 |                                 |               |
|      | Was we   | Il purged dry?          | ☐ Yes             | □ No                       | Pumping Ra                      | ate:                              | gal/min                             |                   |                   | Calibrated?                     | ; 🗆           |
|      | Time   | Cum. Gallons<br>Removed | pН                | Temp                       | Spec. Cond.                     |                                   | DO                                  | Turbidity         | Water Level       | Comments                        | te            |
|      |  | (gal)                   | ±0.1 su           | ±2°C                       | ±10 µS/cm                       | > of ±10% or<br>±20 mV            | ±0.2 mg/L                           | ≤ 10 NTU          | Water Level       | Oomment                         |               |
|      | 1055   |                         | 6.93              | 20.21                      | 0.099                           | - 145.3                           | 61.4                                | 3.20              | 22.21             |                                 |               |
| bamb | 1100   |                         | 6.11              | 20.25                      | 0.095                           | -[71.]                            | 43.4                                | 17.95             | 26.13             | ·····                           |               |
|      | 1105   |                         | 6.04              | 20.17                      | 0.094                           | - 172.4                           | 39.3                                | 11.56             | 27.39             | , <u>.</u>                      |               |
|      | 1110   |                         |                   |                            | 0.096                           | -173.1                            | 38.7                                | 8.54              |                   |                                 |               |
|      | 1115   |                         | 6.06              |                            | 0.097                           | 177 1                             |                                     |                   | 29.77             |                                 |               |
|      | 1115   |                         | 6.03              | 20.19                      | 0.011                           | - 172.1                           | 40.2                                | 9.82              | 30.10             |                                 |               |
|      | 4 SAME   | PLING DA                | ΤΔ                |                            |                                 |                                   |                                     |                   |                   | continued on next s             | heet          |
|      | Method(  | 🗆 Bail                  | er. Size:         |                            | Bladder Pump                    | 2" Sub. Pur                       | np 🗖 4" Sub.                        | Pump              |                   | nemical Analyses                |               |
|      | ,  | ' La Centr              |                   |                            |                                 | ertial Lift Pump (                |                                     |                   | Ferrou            | ıs Iron: ı                      | mg/L          |
|      |  | s: <u>Pump</u> /Bailer  |                   |                            |                                 |                                   |                                     | able              | DO:               | r                               | mg/L          |
|      | Materials  | s: Tubing/Rope          | Polyethy Dedicate | /lene □ Poly<br>ed □ Prepa | ypropylene □<br>ared Off-Site   | Teflon® □ Nylo<br>□ Field-Cleaned | on Other:<br>Disposab               | le                | Nitrate           | e:                              | mg/           |
|      | Depth to   | Water at Time           | of Sampli         | ng:                        |                                 | Field Filtered                    | ? □ Yes □                           |                   | Sulfate           | e:                              | mg/l          |
|      | 1  | D: <u>MW-30</u>         |                   |                            |                                 |                                   |                                     | ners: 2           | Alkalin           | ity: r                          | mg/L          |
| -    |  | e Sample Colle          |                   |                            |                                 |                                   |                                     |                   | <del></del>       |                                 |               |
|      | Equipme  | nt Blank Collec         | cted? □ \         | res □ No                   | ID:                             |                                   | # of Contain                        | ners:             | <del></del>       |                                 |               |
|      | 5. COMMENTS  |                         |                   |                            |                                 |                                   |                                     |                   |                   |                                 |               |
|      |  |                         |                   |                            |                                 |                                   |                                     |                   |                   |                                 |               |
|      | Note: Include comments such as well condition, odor, presence of NAPL, or other items not on the field data sheet. |                         |                   |                            |                                 |                                   |                                     |                   |                   |                                 |               |

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Signature Signature

### **GROUNDWATER SAMPLING FIELD DATA SHEET**

WELL ID: MW-31

|   |  |            |             |                | <u>.                                    </u> |               |           |             |                                       |  |
|---|--|------------|-------------|----------------|--|---------------|-----------|-------------|---------------------------------------|--|
| i   | JECT INF   |            |             |                |  |               |           |             |                                       |  |
|   | Number: <u>138</u>   |            |             | •              |  |               |           | 1.5555 A    |                                       |  |
| _   | Owens Corn Location: And   |            |             |                | <del></del>                                  |               |           | HETSTON     |                                       |  |
|   |  |            |             |                |  |               |           |             |                                       |  |
| 2. WELI   | L DATA   | * 0        | Date Me     | _              |  |               |           |             | porary Well: □Yes ☑No                 |  |
| _   | Diameter:  |            |             |                |  | Galv. Steel   |           | -           |                                       |  |
|   | Diameter:  |            |             |                |  | Galv. Steel   |           |             | <del></del>                           |  |
|   | epth of Well:  |            | -           | _              |  |               |           |             | Other:                                |  |
| Depth to Static Water: 24.79 feet From: 5 Top of Well Casing (TOC)  |  |            |             |                |  |               |           |             |                                       |  |
| Depth to Product:feet   |  |            |             |                |  |               |           |             |                                       |  |
| Note: 1-in well = 0.041 gal/ft 2-in well = 0.167 gal/ft 4-in well = 0.667 gal/ft 6-in well = 1.469 gal/ft                       |  |            |             |                |  |               |           |             |                                       |  |
| 3. PURGE DATA Date Purged: 1/19/10 Time: 0855 Equipment Model(s)  |  |            |             |                |  |               |           |             |                                       |  |
| Purge Method: Bailer, Size: Bladder Pump 22" Sub. Pump 4" Sub. Pump Centrifugal Pump Peristaltic Pump Inertial Lift Pump Other: |  |            |             |                |  |               |           |             |                                       |  |
| Materials: Rump/Railor □ Polyethylene   Stainless □ PVC □ Teffon® □ Other: 2. Y 51 556 MPS □                                    |  |            |             |                |  |               |           |             |                                       |  |
| □ Dedicated □ Prepared Off-Site ③ Field-Cleaned □ Disposable  |  |            |             |                |  |               |           |             |                                       |  |
| Materials: Rope/ Tubing   ☐ Dedicated   ☐ Prepared Off-Site   ☐ Field-Cleaned   ☐ Disposable   4.                               |  |            |             |                |  |               |           |             |                                       |  |
| Volume to Purge (minimum): well volumes or gallons  Was well purged dry? □ Yes □ No Pumping Rate: gal/min Calibrated? □ Yes □   |  |            |             |                |  |               |           |             |                                       |  |
| Was wel   | l purged dry? Cum. Gallons   | pH         | Temp        | Spec. Cond.    | 1  | gal/min<br>DO | Turbidity |             | Cambrated: G 163 G                    |  |
| Time  | Removed  | ±0.1 su    | ±2°C        | •              | > of ±10% or                                 |               | ≤ 10 NTU  | Water Level | Comments                              |  |
|   | (gal)  |            |             | ±10 μS/cm      | ±20 mV                                       | ±0.2 mg/L     |           |             |                                       |  |
| 0855  |  | 7.97       | 19.73       | 0.082          | -114.1                                       | 100.9         | 12.54     | 24.79       |                                       |  |
| 0900  |  | 7.07       | 20.56       | 0.079          | - 149.9                                      | 49.1          | 21.9      | 26.42       |                                       |  |
| 0905  |  | 6.59       | 20.68       | 0.077          | -160.9                                       | 39.9          | 11.46     | 26.75       |                                       |  |
| 0910  |  | 6.43       | 20.69       | 0.077          | -169.9                                       | 34.9          | 9.18      | 26.68       |                                       |  |
| 0915  |  | 620        | 2072        | 0.079          | -177.7                                       | 27 7          | 8.84      | 27.10       | · · · · · · · · · · · · · · · · · · · |  |
| 0 1.0   |  | 4.20       | <u> </u>    | 0-011          | 1 ) [-1                                      | LIII          | 0.07      |             | a continued on next sheet?            |  |
| 4. SAMF   | PLING DA   | TA         |             |                |  |               | **        |             | nemical Analyses                      |  |
| Method(s  | s): D Baile  | er, Size:  | D Posistali | Bladder Pump   | 2" Sub. Pur                                  | mp 🗆 4" Sub.  | Pump      |             | us Iron: ma/L                         |  |
| Materials   | :: Pump/Bailer   |            | lene 🖬 Stai | nless 🗆 PVC    | ☐ Teflon® ☐                                  | Other:        |           | DO:         |                                       |  |
|   |  | ☐ Dedicate | ed 🗆 Pre    | pared Off-Site | Field-Clean                                  | ed 🛭 Dispos   | able      |             | mg/L                                  |  |
| Materials   | : Tubing/Rope  | Dedicate   | ed 🗆 Prepa  | red Off-Site   | ☐ Field-Cleaned                              | Disposable    | e         | Nitrate     | <b>,</b>                              |  |
| l .   | Water at Time  |            |             |                |  | ? □ Yes □     | _         | Sulfate     | e: mg/L                               |  |
| Sample ID: Mk-31 Sample Date: II/19/10 Sample Time: 0935 # of Containers: 2 Alkalinity: mg/L                                    |  |            |             |                |  |               |           |             |                                       |  |
| Duplicate Sample Collected?  Yes No D: # of Containers: # of Containers:  |  |            |             |                |  |               |           |             |                                       |  |
| Equipment Blank Collected?   Yes  No ID: # of Containers:   |  |            |             |                |  |               |           |             |                                       |  |
| 5. COM  | 5. COMMENTS  |            |             |                |  |               |           |             |                                       |  |
|   |  |            |             |                |  | <del>.</del>  |           |             |                                       |  |
| Note: Include o   | Note: Include comments such as well condition, odor, presence of NAPL, or other items not on the field data sheet. |            |             |                |  |               |           |             |                                       |  |
| lote: Include comments such as well condition, odor, presence of NAPL, or other items not on the field data sheet.              |  |            |             |                |  |               |           |             |                                       |  |

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### **GROUNDWATER SAMPLING FIELD DATA SHEET**

|  | <b>WELL</b> | ID: | MW-31 |  |
|--|-------------|-----|-------|--|
|--|-------------|-----|-------|--|

| 3. PURO | SE DATA                 | (contin          | ued fron | n pagel                  | )                      |                           |                 |             |                     |
|---------|-------------------------|------------------|----------|--------------------------|------------------------|---------------------------|-----------------|-------------|---------------------|
| Time    | Cum. Gallons<br>Removed | pН               | Temp     | Spec. Cond.              | ORP                    | DO                        | Turbidity       | Water Level | Commonts            |
| rime    | (gal)                   | ±0.1 su          | ±2°C     | > of ±3% or<br>±10 µS/cm | > of ±10% or<br>±20 mV | > of ±10% or<br>±0.2 mg/L | ≤ 10 NTU        | Water Level | Comments            |
| 0920    |                         | 6.16             | 20.72    | 0.080                    | -185.5                 | 22.9                      | 7.04            | 26.98       | 9                   |
| 0925    |                         | 6.20             | 20.59    | 0.081                    | -187.8                 | 21.8                      | 6.38            | 26.70       |                     |
| 0930    |                         | 6.17             | 20.61    | 1                        | -188.7                 | 21.8                      | 6.13            | 26.54       |                     |
|         |                         | 55<br>*11<br>(12 |          | •                        | 34                     |                           |                 |             |                     |
|         |                         |                  |          |                          |                        | 15                        |                 |             |                     |
|         |                         |                  |          |                          | 868                    |                           |                 |             |                     |
|         |                         |                  |          |                          |                        |                           | s <sup>32</sup> |             |                     |
|         |                         |                  |          |                          |                        |                           |                 |             | 1.830               |
|         |                         |                  | •        | Б                        | 4                      |                           |                 | •           | • • •               |
|         |                         | •                |          |                          |                        |                           |                 |             |                     |
|         |                         | · ·              |          |                          |                        |                           |                 |             |                     |
|         |                         |                  |          |                          |                        |                           | i               |             | <del></del>         |
|         |                         |                  |          |                          |                        |                           |                 |             |                     |
| 18 97   |                         | . •              | =        | 22                       |                        |                           |                 | 0 <u>0</u>  | 340                 |
|         |                         |                  | 60       | 1                        | 37                     | 9                         |                 |             |                     |
|         |                         |                  | 100      | +8                       |                        |                           | <del>!</del>    |             |                     |
|         |                         |                  |          | 8 100                    |                        | p                         |                 |             |                     |
|         |                         |                  | 5/8      | Œ                        | 12                     | 16 ·                      | (6)             |             |                     |
|         |                         |                  |          |                          |                        | A .                       |                 |             |                     |
|         |                         |                  |          |                          |                        |                           |                 |             |                     |
|         |                         |                  |          |                          |                        |                           |                 |             | E                   |
| a)      |                         |                  |          |                          |                        | ĺ                         |                 |             |                     |
|         | -                       |                  |          |                          |                        |                           |                 |             |                     |
|         | 11 00 11                |                  |          |                          | 2                      |                           |                 |             |                     |
|         | 0 4 1                   |                  |          |                          |                        |                           |                 |             |                     |
|         |                         |                  |          |                          |                        |                           |                 | -           | 8:                  |
|         |                         |                  |          |                          |                        |                           |                 |             |                     |
|         |                         |                  |          |                          | 2                      |                           |                 |             |                     |
|         |                         |                  |          |                          |                        |                           |                 |             | nued on next sheet? |

Purge data continued on next sheet?  $\ \square$ 

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Signature

## B R O W N A N D C A L D W E L L

### **GROUNDWATER SAMPLING FIELD DATA SHEET**

WELL ID: <u>MW-32</u>

| 1 BBO  | IECT INE                   | OBMA                     | TION                | <del></del>              | <del></del>                      | ·                          |             |             |                            |  |
|--|----------------------------|--------------------------|---------------------|--------------------------|----------------------------------|----------------------------|-------------|-------------|----------------------------|--|
| 1. PROJECT INFORMATION  Project Number: 138670 Task Number: 200.001 Area of Concern:   |                            |                          |                     |                          |                                  |                            |             |             |                            |  |
|  | Owens Corr                 |                          |                     |                          |                                  | Area of Cond<br>Personnel: |             | Grace       | ·                          |  |
| ľ  | Location: And              |                          |                     |                          |                                  | Weather:                   |             |             |                            |  |
|  |                            |                          |                     |                          |                                  |                            |             |             |                            |  |
| (+)  |                            |                          |                     |                          |                                  |                            |             |             | porary Well: □Yes 😘        |  |
|  | Diameter:                  |                          |                     |                          |                                  | Galv. Steel Galv. Steel    |             |             |                            |  |
|  | Diameter:epth of Well:     |                          |                     |                          |                                  |                            |             | . —         | Other:                     |  |
| 1  | Static Water:              |                          | •                   |                          |                                  |                            |             |             | Other:                     |  |
| 1  |                            |                          |                     |                          |                                  |                            |             |             |                            |  |
| Depth to Product:feet From: ☐ Top of Well Casing (TOC) ☐ Top of Protective Casing ☐ Other:  Length of Water Column: TO feet Well Volume:gal Screened Interval (from GS):                 |                            |                          |                     |                          |                                  |                            |             |             |                            |  |
| Length of Water Column: Tolumn: Well Volume: gal Screened Interval (from GS):  Note: 1-in well = 0.041 gal/ft 2-in well = 0.167 gal/ft 4-in well = 0.667 gal/ft 6-in well = 1.469 gal/ft |                            |                          |                     |                          |                                  |                            |             |             |                            |  |
| 3. PURGE DATA Date Purged: \(\frac{\1/(\sigma/\text{to}}{\text{D}}\) Time: \(\frac{1515}{\text{S}}\) Equipment Model(s)  |                            |                          |                     |                          |                                  |                            |             |             |                            |  |
| Purge Method: Bailer, Size: Bladder Pump  2" Sub. Pump  4" Sub. Pump  1. Men306  1.  |                            |                          |                     |                          |                                  |                            |             |             |                            |  |
| Materials Burns (Beille   Polyethylene Stainless   PVC   Teflon®   Other 2 NS   556 M65  |                            |                          |                     |                          |                                  |                            |             |             |                            |  |
| Dedicated □ Prepared Off-Site □ Field-Cleaned □ Disposable  Materials: Page (Tubing □ Polyethylene □ Polypropylene □ Teflon® □ Nylon □ Other: 3  |                            |                          |                     |                          |                                  |                            |             |             |                            |  |
| Dedicated Prepared Off-Site Field-Cleaned Disposable  4.   |                            |                          |                     |                          |                                  |                            |             |             |                            |  |
| Volume to Purge (minimum): well volumes or gallons  Was well purged dry? □ Yes ❤️ No Pumping Rate: gal/min Calibrated? □ Yes □   |                            |                          |                     |                          |                                  |                            |             |             |                            |  |
| Was we   | l purged dry? Cum. Gallons | ⊔ Yes<br>pH              | Temp                | Spec. Cond.              |                                  | gal/min<br>DO              | Turbidity   |             | Calibrated: 11 res 1       |  |
| Time   | Removed                    | <del>`</del>             |                     | •                        | > of ±10% or                     |                            |             | Water Level | Comments                   |  |
|  | (gal)                      | ±0.1 su                  | ±2°C                | ±10 μS/cm                | ±20 mV                           | ±0.2 mg/L                  | ≤ 10 NTU    |             |                            |  |
| 1515   | 0                          | 6.46                     | 21.43               | 0.750                    | -221.9                           | 20.4                       | 53.0        | 17.99       |                            |  |
| 1520   |                            | 6.69                     | 21.55               | 0.733                    | -241.2                           | 14.4                       | 179.4       | 18.44       |                            |  |
| 1525   |                            | 6.63                     | 21.64               | 0.700                    | -243.5                           | 10.7                       | 38.4        | 19.15       |                            |  |
| 1530   |                            | 6.61                     | 21.65               | 0-681                    | -2427                            | 9.0                        | 35.2        | 19.14       |                            |  |
| 1535   | -                          | 4.69                     | 21.64               | 822.0                    | - 2408                           | 7.4                        | 15.54       | 19.14       |                            |  |
|  |                            | _                        |                     |                          |                                  |                            | •           | Purge data  | a continued on next sheet? |  |
| 4. SAMF  | PLING DA                   | TA                       |                     |                          | _                                |                            |             | Geoch       | nemical Analyses           |  |
| Method(s   | s):   Baile Centri         | er, Size:<br>ifugal Pump | □ □ Peristalti      | Bladder Pump ic Pump Ine | 2" Sub. Pur<br>Itial Lift Pump ∫ | mp □ 4" Sub. I<br>□ Other: | Pump        | Ferrou      | us Iron: mg/L              |  |
| Materials  | : <u>Pump/</u> Bailer      | □ Polyethy               | lene <b>V</b> Stair | nless D PVC              | ☐ Teflon® ☐ ☐ Field-Clean        | Other:                     | phlo        | DO:         | mg/L                       |  |
| Materials  | : <u>Tubing</u> /Rope      |                          |                     | •                        | Teflon® □ Nylo                   |                            |             | Nitrate     | e: mg/L                    |  |
| Depth to   | Water at Time              |                          |                     |                          |                                  | P Disposable ? □ Yes □     |             | Sulfate     | e: mg/L                    |  |
| ,  |                            | •                        | <u> </u>            |                          |                                  |                            | 1           | Alkalir     | nity: mg/L                 |  |
| Sample ID: MW-32 Sample Date: W/6/10 Sample Time: 450 # of Containers: 2 Alkalinity: mg/L  Duplicate Sample Collected? Yes No ID: # of Containers:                                       |                            |                          |                     |                          |                                  |                            |             |             |                            |  |
| Equipment Blank Collected?   Yes  No ID: # of Containers:  |                            |                          |                     |                          |                                  |                            |             |             |                            |  |
| 5. COMMENTS  |                            |                          |                     |                          |                                  |                            |             |             |                            |  |
|  |                            |                          |                     |                          |                                  | ,                          |             |             |                            |  |
|  |                            |                          |                     |                          |                                  |                            |             |             |                            |  |
| Note: Include o  | omments such a             | s well condit            | ion, odor, pre      | sence of NAPL            | , or other items                 | not on the field o         | lata sheet. | 7.0         | 0 106                      |  |
|  |                            |                          |                     |                          |                                  |                            | 1           | AUT I       | 1/htt                      |  |

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Signature

### **GROUNDWATER SAMPLING FIELD DATA SHEET**

| WELL ID: | MW-32 |  |
|----------|-------|--|
|          |       |  |

| 3. PURO             | SE DATA                 | (contin                               | ued fron | n page\                  | )                      |                           |           |             |                                       |
|---------------------|-------------------------|---------------------------------------|----------|--------------------------|------------------------|---------------------------|-----------|-------------|---------------------------------------|
|                     | Cum. Gallons<br>Removed | pН                                    | Temp     | Spec. Cond.              | ORP                    | DO                        | Turbidity | Motor       | 0                                     |
| Time                | (gal)                   | ±0.1 su                               | ±2°C     | > of ±3% or<br>±10 µS/cm | > of ±10% or<br>±20 mV | > of ±10% or<br>±0.2 mg/L | ≤ 10 NTU  | Water Level | Comments                              |
| 1540                |                         | 654                                   | 21.63    | 0.659                    | -239.4                 | 6.1                       | 10.74     | 19.14       | · .                                   |
| 1545                | 11                      | 6.46                                  |          | 0.651                    | -239.2                 | 5.3                       | 8.82      | 19.14       |                                       |
|                     |                         |                                       |          |                          |                        |                           |           |             |                                       |
|                     |                         | 5                                     |          | •                        | 2                      |                           | ٠         |             |                                       |
| S)                  |                         |                                       |          |                          |                        |                           |           |             |                                       |
|                     |                         |                                       |          |                          |                        |                           |           |             |                                       |
|                     | -                       |                                       |          | W.                       |                        |                           | ,         |             |                                       |
|                     |                         |                                       |          |                          |                        |                           |           |             |                                       |
|                     |                         | <u>(</u> )K                           |          |                          |                        |                           |           |             | · · · · · · · · · · · · · · · · · · · |
|                     | 9                       | - 2                                   |          |                          | •                      | -                         |           |             |                                       |
|                     |                         | · · · · · · · · · · · · · · · · · · · |          |                          |                        | -                         |           |             | <del>.</del>                          |
|                     |                         |                                       |          |                          |                        |                           |           |             |                                       |
|                     |                         |                                       |          |                          |                        |                           |           |             |                                       |
|                     |                         | B                                     |          | ¥7257                    |                        |                           |           | • •         |                                       |
| +5 (9               |                         |                                       | 75.4     |                          |                        | at a                      | -         |             | <u> 53</u>                            |
| \$/                 |                         |                                       |          |                          | . 2                    |                           | •         |             |                                       |
| :                   |                         |                                       |          |                          |                        | . ,                       |           | n 1*        | -                                     |
|                     |                         |                                       | 5        |                          |                        |                           |           |             | ·                                     |
| 10 <sup>38</sup> 10 |                         | •                                     |          | ř                        | <u> </u>               | 20.                       | #         |             |                                       |
|                     |                         |                                       |          | 90                       |                        |                           |           |             |                                       |
|                     |                         |                                       |          |                          |                        |                           | J         | -           |                                       |
| i                   | -                       | j                                     | 38       |                          |                        |                           |           |             |                                       |
|                     | (2)                     |                                       |          | (C)                      | 24                     |                           |           |             |                                       |
|                     |                         |                                       |          |                          |                        |                           |           |             |                                       |
| 1                   |                         |                                       |          |                          |                        |                           |           |             |                                       |
|                     |                         |                                       |          |                          |                        |                           |           | *           |                                       |
|                     |                         |                                       |          |                          |                        |                           |           |             |                                       |
|                     | = =                     |                                       |          |                          |                        |                           |           |             |                                       |
|                     |                         |                                       |          |                          |                        |                           |           |             |                                       |
| ·                   | ·                       |                                       |          |                          | '                      |                           |           |             | inued on next sheet?                  |

Purge data continued on next sheet?

B R O W N A N D C A L D W E L L

WELL ID: \_\_MW-35\_\_\_

| 1. PROJECT INFORMATION   |  |                            |             |                                  |                                    |                           |                                       |             |                                     |  |
|--|--|----------------------------|-------------|----------------------------------|------------------------------------|---------------------------|---------------------------------------|-------------|-------------------------------------|--|
| _  | Number: <u>138</u>   |                            |             |                                  |                                    |                           |                                       | , 1         |                                     |  |
| _  | Owens Corn   |                            |             |                                  |                                    |                           |                                       |             |                                     |  |
| Project L  | ocation: And   | erson, S                   | outh Car    | olina                            |                                    | Weather:                  | 2 appert (                            | Cloudy      |                                     |  |
| 2. WELI  | _ DATA   |                            | Date Me     | asured:                          |                                    | Time:                     |                                       | Temp        | orary Well:   Yes   No              |  |
| Casing [   | Diameter:2   | 2inc                       | hes         | Type: □ PV                       | C   Stainless                      | □ Galv. Steel             | □ Teflon®                             | Other:      |                                     |  |
| Screen [   | Diameter:2   | <u>2</u> inc               | hes         | Type: □ PV                       | C Stainless                        | Galv. Steel               | □ Teflon®                             | Other:      |                                     |  |
| Total De   | pth of Well:1  | 162                        | feet        | From:   To                       | p of Well Casin                    | g (TOC) 🗀 To              | op of Protectiv                       | re Casing 🔲 | Other:                              |  |
| Depth to   | Static Water:_   | artesian                   | feet        | From:   To                       | p of Well Casin                    | g (TOC) . 🗖 To            | op of Protectiv                       | re Casing 🔲 | Other:                              |  |
| Depth to   | Product:   |                            | feet        | From:   To                       | p of Well Casin                    | g (TOC) T                 | op of Protectiv                       | e Casing    | Other:                              |  |
| Length o   | f Water Colum  | n:                         |             |                                  |                                    |                           |                                       |             | GS):<br>ft 6-in well = 1.469 gal/ft |  |
| 3. PURC  | SE DATA  |                            |             |                                  |                                    | Time:                     |                                       |             | Equipment Model(s)                  |  |
| Purge M  | ethod: ☐ Bai<br>☐ Cent   | ler, Size:<br>rifugal Pum; | D Peristal  | I Bladder Pump<br>tic Pump □ Ine | o □ 2" Sub. Pu<br>ertial Lift Pump | ımp 🔲 4" Sub.<br>🔲 Other: | Pump                                  | 1           | 151 556 MPS                         |  |
| Purge Method: Bailer, Size: Bladder Pump Bisable Pump Bisable Pump Bisable Pump Cheristallic Pump Cher |  |                            |             |                                  |                                    |                           |                                       |             |                                     |  |
| Materials: Pone/Tubing Polyethylene Polypropylene Teflon® Nylon Other:   |  |                            |             |                                  |                                    |                           |                                       |             |                                     |  |
| Prepared Off-Site  Field-Cleaned  Disposable 4   |  |                            |             |                                  |                                    |                           |                                       |             |                                     |  |
| Volume to Purge (minimum): well volumes or gallons  Was well purged dry? □ Yes □ No Pumping Rate: gal/min Calibrated? □ Yes □  |  |                            |             |                                  |                                    |                           |                                       |             |                                     |  |
| Was wel  | Cum. Gallons   | pH                         | Temp        | Spec. Cond.                      |                                    | gai/min<br>DO             | Turbidity                             |             |                                     |  |
| Time   | Removed  | ±0.1 su                    | ±2°C        | > of ±3% or                      | > of ±10% or                       | > of ±10% or              | ≤ 10 NTU                              | Water Level | Comments                            |  |
|  | (gal)  |                            |             | ±10 μS/cm                        |                                    | ±0.2 mg/L                 |                                       |             |                                     |  |
| 1402   |  | 7.43                       | 14.71       | 0.338                            | -190.4                             | 60.0                      | 5.02                                  |             |                                     |  |
| 1407   |  | 7.49                       | 14.89       | 0.339                            | -208.8                             | 13.1                      | 1.33                                  |             |                                     |  |
| 1412   |  | 7.47                       | 15.81       | 0.338                            | -207.7                             | 9.1                       | 0.43                                  | <b>-</b>    |                                     |  |
| 1417   |  | 7.36                       | 15.73       | 0.337                            | -207.9                             | 7.3                       | 0.38                                  | -           |                                     |  |
| 1422   |  | 7.30                       | 15.86       | 0.337                            | -208.1                             | 6.3                       | 0.14                                  | -           |                                     |  |
|  |  | •                          |             |                                  |                                    | _                         |                                       | Purge data  | a continued on next sheet?          |  |
| 4. SAMF  | PLING DA   | TA                         |             |                                  |                                    |                           |                                       | Geocl       | nemical Analyses                    |  |
| Method(s   |  | er, Size:<br>fugal Pump    |             |                                  |                                    | mp □ 4" Sub.<br>□ Other:  |                                       | Ferro       | us Iron: mg/L                       |  |
| Materials  | : Pump/Bailer  | □ Polyethy                 |             |                                  | ☐ Teflon® ☐ Field-Clear            |                           | able.                                 | DO:         | mg/L                                |  |
| Materials  | : T <u>ubing</u> /Rope   | Polyethy                   | lene □ Poly | propylene □ 1                    | Teflon® □ Nyl                      | on 🗆 Other:               |                                       | Nitrate     | e: mg/L                             |  |
|  |  | <b>W</b> Dedicate          | ed ⊔ Prepa  | red Off-Site L                   | → Field-Cleaned                    | Disposabl                 |                                       | Sulfat      | e: mg/L                             |  |
| •  | Water at Time  | •                          |             |                                  |                                    | ? ☐ Yes ☐<br># of Contain | 0                                     |             |                                     |  |
| Sample ID: Mu-35 Sample Date: 1/18/10 Sample Time: 1450 # of Containers: 2 Alkalinity: mg/L  Duplicate Sample Collected? Yes No ID: # of Containers:   |  |                            |             |                                  |                                    |                           |                                       |             |                                     |  |
| Equipment Blank Collected?   Yes You ID: #01 Containers: #01 Containers: #01 Containers: #01 Containers: #01 Containers #01 Co |  |                            |             |                                  |                                    |                           |                                       |             |                                     |  |
|  |  |                            |             |                                  |                                    |                           |                                       |             |                                     |  |
| 5. COM   | 5. COMMENTS  |                            |             |                                  |                                    |                           |                                       |             |                                     |  |
|  |  |                            |             |                                  |                                    |                           | · · · · · · · · · · · · · · · · · · · |             |                                     |  |
| Note: Include d  | lote: Include comments such as well condition, odor, presence of NAPL, or other items not on the field data sheet. |                            |             |                                  |                                    |                           |                                       |             |                                     |  |
|  | ote. Include continents such as well condition, odds, presence of twar L, or other news not on the new data sneet. |                            |             |                                  |                                    |                           |                                       |             |                                     |  |

Page \_\_\_ of \_2 Signature

### **GROUNDWATER SAMPLING FIELD DATA SHEET**

| WELL ID: MW-35 |  |
|----------------|--|
|----------------|--|

|      | Cum. Gallons     | pН      | Temp  | n page 1<br>Spec. Cond. | ORP                    | DO                        | Turbidity |             |          |
|------|------------------|---------|-------|-------------------------|------------------------|---------------------------|-----------|-------------|----------|
| Time | Removed<br>(gal) | ±0.1 su | ±2°C  |                         | > of ±10% or<br>±20 mV | > of ±10% or<br>±0.2 mg/L | ≤ 10 NTU  | Water Level | Comments |
| 1427 |                  | 7.28    | 15.87 | 0.337                   | -208.4                 | 5.4                       | 0.11      |             |          |
| 1432 |                  | 7.32    | 15.81 | 0.337                   | -212.2                 | 4.9                       | 0.24      |             |          |
| 1437 |                  | 7.26    | 15.91 | 0.337                   | -208.5                 | 4.7                       | 0.31      |             |          |
| 1442 |                  | 7.29    | 15.98 | 0.337                   | -211.6                 | 4.4                       | 0.30      |             |          |
| _    |                  |         |       |                         |                        |                           | =         |             |          |
|      |                  |         |       |                         |                        |                           |           |             |          |
|      | ,                |         |       |                         |                        |                           | 2         |             |          |
|      |                  |         |       | pattern 1 1 1           | ي الم                  |                           | 15)       |             | · = .    |
|      |                  |         |       |                         |                        |                           |           |             |          |
|      |                  |         |       |                         |                        | £2                        |           |             |          |
|      |                  |         |       |                         |                        |                           |           |             |          |
|      |                  |         |       |                         |                        |                           |           |             |          |
|      |                  |         |       |                         |                        |                           | -         |             |          |
| 41   |                  | 21      | 4.5   |                         |                        |                           | . "2      |             |          |
| F 89 |                  |         | 10    |                         | 12                     | œ                         |           |             |          |
|      |                  |         | • E   |                         | 9                      | 20 (7                     |           |             |          |
| 12   |                  |         | × .   | 3.639F                  |                        | £3 ·                      |           |             |          |
|      |                  |         | 90    |                         | y man                  |                           |           |             |          |
|      |                  |         |       |                         |                        |                           | 3         | 34          |          |
|      |                  |         |       |                         |                        |                           |           |             |          |
| 0    |                  |         |       | 11                      |                        |                           |           |             |          |
|      |                  |         |       |                         |                        |                           |           |             |          |
|      |                  | ři      |       |                         |                        |                           |           |             | 8        |
|      |                  |         |       |                         |                        |                           |           |             |          |
|      | ·                |         | .     |                         |                        |                           |           |             |          |
|      |                  |         | 31    |                         |                        |                           |           |             |          |
|      |                  |         |       |                         |                        |                           |           |             |          |
|      |                  |         |       |                         |                        |                           |           |             |          |

Purge data continued on next sheet?

# Brown AND Caldwell

### **GROUNDWATER SAMPLING FIELD DATA SHEET**

WELL ID: MV-36 Zone 1 - Votalor

| 1. PROJ              | ECT INFO                | ORMAT                        | ΓΙΟΝ                           |                                   |                                  |                                  |             |                                    |                |                   |
|----------------------|-------------------------|------------------------------|--------------------------------|-----------------------------------|----------------------------------|----------------------------------|-------------|------------------------------------|----------------|-------------------|
| Project N            | lumber: <u>/38</u>      | 670                          | Task Num                       | ber:                              |                                  | Area of Conc                     | ern:        |                                    |                |                   |
| Client:              | Ows (                   | Comin                        |                                |                                   |                                  | Personnel: UDM                   |             |                                    |                |                   |
| Project L            | ocation: Aw             | luson, s                     | C                              |                                   |                                  | Weather: Rain ~50°F              |             |                                    |                |                   |
|                      | DATA                    |                              |                                |                                   |                                  | Time:/6                          |             |                                    | orary Well:    | lYes <b>⊡√i</b> o |
| Casing E             | iameter:                | inc                          | hes                            | Type: <b>■</b> PVC                | ☐ Stainless                      | ☐ Galv. Steel                    | ☐ Teflon®   | Other:                             |                |                   |
| Screen D             | Diameter:               | inc                          | hes                            | Type: □ PV0                       | C □ Stainless                    | ☐ Galv. Steel                    | ☐ Teflon®   | Other:                             |                |                   |
| Total De             | pth of Well:            | 1314.4                       | feet<br>Te 126                 | •                                 | ·                                | g (TOC) T                        | •           | -                                  |                |                   |
| Depth to             | Static Water:           |                              | feet                           |                                   |                                  | g (TOC) T                        |             |                                    |                |                   |
| '                    | Product:                |                              |                                |                                   |                                  | g (TOC) 🗖 T                      | •           | -                                  |                |                   |
| Length o             | f Water Colum           | nn:                          | feet                           | Well Volume<br>Note: 1-in well    |                                  | _ gal<br><i>2-in well = 0.16</i> |             | nterval (from<br>vell = 0.667 gal/ | ,              |                   |
| 3. PURG              | E DATA                  |                              |                                |                                   |                                  |                                  |             |                                    |                | nt Model(s)       |
| Purge M              | ethod: 🔲 Ba<br>Cent     | iler, Size:<br>trifugal Pumį | □ Peristal                     | I Bladder Pump<br>Itic Pump □ Ine | ⊃ 2" Sub. Pι<br>ertial Lift Pump | ımp □ 4" Sub<br>Other:           | Pump        |                                    | SI 556 /       |                   |
| Materials            | s: Pump/Bailer          | □ Polyeth                    | ylene <b>d</b> Sta<br>ted □ Pr | inless DPVC                       |                                  | Other:                           | sable       |                                    | RT-15CL        |                   |
| Materials            | s: Rope/Tubing          | . Polveth                    | vlene □ Pol                    | vpropylene 🗆                      | Teflon® □ Nv                     | rlon □ Other:_<br>d □ Disposal   |             | -                                  | orn Com        | mess~             |
| Volume               | to Purge (mini          |                              | -                              |                                   |                                  | · ·                              |             | 4. <u>U</u>                        | ארונים         |                   |
| Was wel              | I purged dry?           | ☐ Yes                        | ☑ No                           | Pumping Rat                       | te:                              | gal/min                          |             |                                    | Calibrated?    | <b>⊈</b> Yes □ No |
| Time                 | Cum. Gallons<br>Removed | pН                           | Temp                           | Spec. Cond.                       |                                  | DO                               | Turbidity   | Water Level                        | Cor            | nments            |
| Time                 | (gal)                   | ±0.1 su                      | ±2°C                           | > of ±3% or<br>±10 µS/cm          | > of ±10% of<br>±20 mV           | > of ±10% or<br>±0.2 mg/L        | ≤ 10 NTU    | Traici Lovoi                       | 00.            |                   |
| <i>૦</i> ૪૩ <i>૫</i> | Stert                   |                              |                                |                                   |                                  |                                  |             |                                    |                |                   |
| 0437                 | YSI Full                | 5.86                         | 16.81                          | 0.114                             | 33.2                             | 3.62                             |             | 632\$6 Te                          | 17.5 Y52       | Cesho             |
| 0900                 | 0.25                    | 5.95                         | 16.61                          | 0.115                             | 38.2                             | 3.60                             |             |                                    | YSI Still      | leaho             |
| 0913                 | 0.50                    | 5.81                         | 16.65                          | 0.115                             | 38.1                             | 3.61                             |             |                                    | No Leak        |                   |
| 0918                 | 0.7                     | 5.77                         | 16.78                          | 0.115                             | 30.1                             | 3.36                             | 2.30        | 6324.5<br>T=175                    |                |                   |
|                      |                         |                              |                                |                                   |                                  | ·                                |             | Purge dat                          | a continued or | n next sheet?     |
| 4. SAMF              | PLING DA                | ΛTΑ                          |                                |                                   |                                  |                                  |             | <u>Geoc</u>                        | hemical Ana    | <u>lyses</u>      |
| Method(s             | s): ☐ Bai<br>☐ Cent     | ler, Size:<br>rifugal Pump   | Peristal                       | l Bladder Pump<br>tic Pump □ Ine  | □ 2" Sub. Pu<br>rtial Lift Pump  | mp 🚨 4" Sub.<br>POther: 🗸 🗲      | Pump        | Ferro                              | us Iron:       | <b>1</b> mg/L     |
| Materials            | s: Pump/Bailer          | □ Polyethy □ Polyethy        |                                | inless PVC epared Off-Site        |                                  |                                  | able        | DO:                                | -              | mg/L              |
| Materials            | s: Tubing/Rope          | Polyethy                     | /lene □ Poly<br>ed □ Prepa     | /propylene 💷 ared Off-Site        | Teflon® 🗆 Nyl<br>I Field-Cleaned | on Other:                        | ele .       | Nitrat                             | e:             | mg/L              |
| Depth to             | Water at Time           |                              |                                |                                   |                                  | i? □ Yes □                       |             | Sulfat                             | te:            | mg/L              |
| Sample               | MV-38 Z                 | Sample D                     | ate:/6.NO                      | <u>/-//</u> ∂Sample 1             | ime: <u>094</u> C                | _ # of Contai                    | ners: 2     | Alkali                             | nity:          | mg/L              |
| •                    | e Sample Colle          |                              |                                |                                   |                                  | # of Contai                      |             | <u>-</u>                           |                |                   |
| Equipme              | ent Blank Colle         | cted? □ `                    | Yes <b>⊋</b> No                | ID:                               |                                  | # of Contai                      | ners:       |                                    |                |                   |
| 5. COMI              | MENTS                   |                              |                                |                                   |                                  |                                  |             |                                    |                |                   |
|                      |                         |                              |                                |                                   |                                  |                                  |             |                                    |                |                   |
| Note: Include        | comments such           | as well cond                 | ition, odor, pi                | resence of NAPI                   | _, or other items                | s not on the field               | data sheet. |                                    |                |                   |
| <u> </u>             |                         |                              |                                |                                   |                                  |                                  |             |                                    |                |                   |

Page / of 2

Sidnature



WELL ID: MV-36 20ne 1 - Voterlee

| 3. PURO                               | GE DATA          | (contin | ued fror | n page <u>l</u>          | )                      |                           |           |             |                             |
|---------------------------------------|------------------|---------|----------|--------------------------|------------------------|---------------------------|-----------|-------------|-----------------------------|
|                                       | Cum. Gallons     | рH      | Temp     | Spec. Cond.              |                        | DO                        | Turbidity |             |                             |
| Time                                  | Removed<br>(gal) | ±0.1 su | ±2°C     | > of ±3% or<br>±10 µS/cm | > of ±10% or<br>±20 mV | > of ±10% or<br>±0.2 mg/L | ≤ 10 NTU  | Water Level | Comments                    |
| 0923                                  | 0.9              | 5.79    | 16.88    | 0.115                    | 29.1                   | 3.23                      | 1.81      | 6325.4      | T=17.7.<br>T=17.5<br>T=17.5 |
| 0930                                  | 1.0              | 5.78    | 16.88    | 0.115                    | 24.7                   | 3.16                      | 1.48      | 6325.2      | T= 17.5                     |
| 0935                                  | 1.2              | 5.78    | 16.90    | 0.115                    | 24.9                   | 3.12                      | 1.63      | 6325 P      | T= 17.5                     |
| ०१५०                                  | Sangled          |         |          |                          |                        |                           |           |             |                             |
|                                       | U                |         |          |                          |                        |                           |           |             |                             |
|                                       |                  |         |          |                          |                        |                           |           |             |                             |
|                                       |                  |         |          |                          |                        |                           |           |             |                             |
|                                       |                  |         |          |                          |                        |                           |           |             |                             |
|                                       |                  |         | ,        |                          |                        |                           |           |             | G 51                        |
|                                       |                  |         |          |                          |                        |                           |           |             |                             |
|                                       |                  |         |          |                          |                        |                           |           |             |                             |
|                                       |                  |         |          |                          |                        |                           |           |             |                             |
|                                       |                  |         |          |                          |                        |                           |           |             |                             |
|                                       |                  |         |          |                          |                        |                           |           |             |                             |
|                                       |                  |         |          |                          |                        |                           |           |             |                             |
|                                       |                  |         |          |                          |                        |                           |           |             |                             |
|                                       |                  |         |          |                          |                        |                           |           |             |                             |
|                                       |                  |         |          |                          |                        |                           |           |             |                             |
|                                       |                  |         |          |                          |                        |                           |           |             |                             |
| · · · · · · · · · · · · · · · · · · · |                  |         |          |                          |                        |                           |           |             |                             |
|                                       |                  |         |          |                          |                        |                           |           |             |                             |
|                                       |                  |         |          |                          |                        |                           |           |             |                             |
|                                       |                  |         |          |                          |                        |                           |           |             | <u> </u>                    |
|                                       |                  |         |          |                          |                        |                           |           |             |                             |
|                                       |                  | П       |          |                          |                        |                           |           |             |                             |
|                                       |                  |         |          |                          |                        |                           |           |             |                             |
|                                       |                  |         | <u> </u> |                          |                        |                           |           |             |                             |
| -                                     |                  |         |          |                          |                        |                           |           |             |                             |
|                                       |                  |         |          |                          |                        |                           |           |             |                             |

Purge data continued on next sheet?

Signature

FORM GW-2 (Rev 11.March.10 - sej)

Page 2 of 2 Signature

### **GROUNDWATER SAMPLING FIELD DATA SHEET**

WELL ID: <u>MW-36 Zone 3-Waterloo</u>

| 1. PRO        | JECT INF                          | ORMA                       | TION                    |                               |                                 |                                |                 |                 |  |  |
|---------------|-----------------------------------|----------------------------|-------------------------|-------------------------------|---------------------------------|--------------------------------|-----------------|-----------------|--|--|
| Project       | Number: _13                       | <u>8670</u>                | Task Nun                | nber: <u>200.0</u> 0          | 01                              | Area of Con                    | cern:           |                 |  |  |
| Client:_      | Owens Cor                         | ning                       |                         | ·                             |                                 | _ Personnel:                   |                 |                 |  |  |
| Project       | Location: An                      | derson, S                  | outh Ca                 | rolina                        | ·                               | Weather: Run - 507"            |                 |                 |  |  |
| 2. WEL        | L DATA                            | -                          | Date Me                 | easured: <u>/</u> 1           | S,NOV.1U                        | Time:                          |                 | Tem             | porary Well: □Yes □No                    |  |
| Casing        | Diameter:                         | inc                        | hes<br>Ler              | ngth of water                 | column calcui                   | lation:                        |                 |                 |  |  |
| Screen        | Diameter:                         | <u>6</u> inc               | hes                     | (9093.1-Curr                  | ent Dg readir                   | ng)*0.02725)*2                 | 2.3108) = Le    | ngth of water   | column (ft)                              |  |
| •             | ng Interval: 1                    |                            | eet                     | 1 well vol. =                 | [vol sand inte                  | erval(6") - vol                | of waterloo c   | asing (2")] +   | vol of water in tubing(1/4")             |  |
| Depth to      | o Static Water                    | 6463.7                     | eet                     | =                             | [18.36 gai - 2                  | 2.09 gaí] + (0.0               | 0102 x lengti   | n of water col  | umn)                                     |  |
| Depth to      | o Product:                        |                            | eet                     |                               |                                 |                                | G               |                 |  |  |
| Length        | of Water Colur                    | mn: <u>f</u>               | eet                     | Well Volume                   | :                               | gal                            | Screened I      | Interval (from  | i GS):<br>al/ft 6-in well = 1.469 gal/ft |  |
| 3 DI ID       | GE DATA                           |                            | Data Du                 |                               |                                 |                                |                 | weii = 0.007 ga |  |  |
|               |                                   |                            |                         |                               |                                 | _Time: _ <i></i><br>ump        |                 |                 | Equipment Model(s)                       |  |
|               | ¶ethod: ☐ Ba                      | O 0 -1 -4                  |                         |                               |                                 |                                |                 |                 | 135 576 100 E                            |  |
| Material      | ls: Pump/Baile                    | r 😐 Polyeth                | yienė uTSta             | ainiess 🖬 PVC                 | ⊔ ('effon® (                    | Other:                         |                 |                 | RT-ISCE                                  |  |
| Material      | s: Rope/Tubin                     | g 📮 Polyeth                | ylene □ Po<br>ed □ Prer | lypropylene   ared Off-Site   | Teflon® 🗆 Ny                    | ylon □ Other:_<br>ed □ Disposa | ble             | _               | K-404                                    |  |
| Volume        | to Purge (mini                    |                            |                         | olumes or                     |                                 |                                | DI <del>O</del> | 4. 🖊            | or Cayped                                |  |
|               | Il purged dry?                    | Yes                        |                         |                               | te:                             | _                              |                 |                 | Calibrated? ☐ Yes ☐                      |  |
|               | Cum. Gallons                      | рН                         | Temp                    | Spec. Cond.                   | ORP                             | DO                             | Turbidity       |                 |  |  |
| Time          | Removed<br>(gal)                  | ±0.1 su                    | ±2°C                    | > of ±3% or<br>±10 µS/cm      | > of ±10% or<br>±20 mV          | > of ±10% or<br>±0.2 mg/L      | ≤ 10 NTU        | Water Level     | Comments                                 |  |
| 094           | Star                              |                            |                         |                               |                                 |                                |                 | 6966.2          | r=12.2                                   |  |
| 1002          | YSSKII                            | 7.07                       | 15.96                   | 1.420                         | 22.7                            | 5.51                           |                 |                 |  |  |
| 1010          | 0.1                               | 6.98                       | 16.61                   | 1.440                         | 10.6                            | 2,55                           | 1.16            |                 | Kella Tina                               |  |
| 1012          | DRY                               |                            |                         |                               |                                 |                                |                 | 9014.2          |  |  |
| 1739          |                                   | <b>#</b> .667              | - 15.56                 | 1.516                         | 3.2                             | 7.33                           | 3.46            | 6590.4          | 7-17.4                                   |  |
| -             |                                   |                            |                         |                               |                                 |                                |                 | Purge dat       | a continued on next sheet?               |  |
| 4. SAMF       | PLING DA                          |                            | •                       |                               |                                 |                                |                 | <u>Geoc</u>     | hemical Analyses                         |  |
| Method(       |                                   | ler, Size:<br>rifugal Pump | ☐ Peristalt             | Bladder Pump<br>ic Pump 🔲 Ine | □ 2" Sub. Pu<br>rtial Lift Pump | mp □ 4" Sub.<br>☑ Other:       | Pump            | Ferro           | us Iron:/_ mg/L                          |  |
| Materials     | s: Pump/Bailer                    | ☐ Polyethyl                |                         | nless PVC                     |                                 |                                |                 | DO:             | mg/L                                     |  |
| Materials     | s: Tubing/Rope                    |                            |                         | epared Off-Site               |                                 | •                              | able            | Nitrate         | <del></del>                              |  |
|               |                                   | □ Dedicate                 | d UPrepa                | red Off-Site L                | J Field-Cleaned                 | d □ Disposab                   |                 |                 | 7 7 9 -                                  |  |
| •             | Water at Time                     | •                          | -                       | Sample T                      |                                 | !? □ Yes □                     | <i>^</i>        | Sulfat          | ——————————————————————————————————————   |  |
| Sample        | e Sample Colle                    |                            |                         |                               | ime: <u>17 ) 0</u>              |                                |                 | Alkalir         | nity: mg/L                               |  |
|               | e Sample Colle<br>ent Blank Colle |                            |                         | ID:                           |                                 | # of Contai<br># of Contai     |                 |                 |  |  |
|               |                                   |                            |                         |                               |                                 | # Of Contain                   | 1613            |                 |  |  |
| 5. COM        | MENTS                             | Dry @                      | 10 12                   | 1 1916/10;                    | 1/11/ 50                        | ughe lar                       |                 |                 |  |  |
|               |                                   |                            | •                       |                               |                                 | V                              |                 |                 |  |  |
| Note: Include | comments such                     | as well condi              | tion, odor, p           | resence of NAF                | L, or other iten                | ns not on the fiel             | d data sheet    |                 |  |  |
|               |                                   |                            | ,                       |                               | ,                               |                                | 1 11            |                 |  |  |
|               |                                   |                            |                         |                               |                                 |                                |                 | 1               |  |  |

Signature

FORM GW-2 (Rev 25.Sept.08 - sej)

MNN.10

### **GROUNDWATER SAMPLING FIELD DATA SHEET**



WELL ID: MW-36 Zone 5-Waterloo

| 4 DDO  | IECT INE  |  | FION                       |                                  |                                    |                             |               |                     |                            |  |  |  |  |
|--|---|--|----------------------------|----------------------------------|------------------------------------|-----------------------------|---------------|---------------------|----------------------------|--|--|--|--|
|  | 1. PROJECT INFORMATION  Project Number: 138670 Task Number: 200.001 Area of Concern:  |  |                            |                                  |                                    |                             |               |                     |                            |  |  |  |  |
| =  |   |  |                            |                                  |                                    |                             |               |                     |                            |  |  |  |  |
|  | Owens Corr  |  |                            | olina .                          |                                    |                             |               | 109E                |                            |  |  |  |  |
|  | ocation: And  |  |                            |                                  |                                    |                             |               |                     | ***                        |  |  |  |  |
| 2. WELL  | _ DATA  |  | Date Me                    | asured: [5,                      | nov.le                             | Time: _/74                  | r             | Temp                | orary Well: □Yes □No       |  |  |  |  |
| Casing [   | Diameter:   | ind                                      | Leng                       | th of water co                   |                                    |                             |               |                     |                            |  |  |  |  |
| Screen I   | Diameter:   | <u>6</u> inc                             |                            | 8843.2-Curre<br>Vol. calculati   |                                    | j)*0.03897)*2.:             | 3108) = Len   | gth of water o      | column (ft)                |  |  |  |  |
|  | Sampling Intervall: 269.9-275 feet 1 well vol. = [vol sand interval(6") - vol of waterloo casing (2")] + vol of water in tubing(1/4")  Depth to Static Water: 650.1 feet 17.4 = [7.49 gal - 0.85 gal] + (0.0102 x length of water column) |  |                            |                                  |                                    |                             |               |                     |                            |  |  |  |  |
| Depth to   | Static Water:   | (050.1                                   | feel at the                | =1                               | 7.49 gai - 0.6                     | 5 gaij + (0.010             | z x iengtn o  | r water colum       | in)                        |  |  |  |  |
| Depth to   | Depth to Product:feet   |  |                            |                                  |                                    |                             |               |                     |                            |  |  |  |  |
| Length of Water Column:feet Well Volume: gal Screened Interval (from GS):<br>Note: 1-in well = 0.041 gal/ft 2-in well = 0.167 gal/ft 4-in well = 0.667 gal/ft 6-in well = 1.469 gal/ft |   |  |                            |                                  |                                    |                             |               |                     |                            |  |  |  |  |
| 3. PURGE DATA Date Purged: [L.NOV.W Time: 10/15  |   |  |                            |                                  |                                    |                             |               |                     |                            |  |  |  |  |
| Purge M  | ethod: ☐ Ba   | iler, Size:<br>trifugal Pum <sub>l</sub> | Peristal                   | I Bladder Pump<br>tic Pump □ Ine | o □ 2" Sub. Pu<br>ertial Lift Pump | ump 🔲 4" Sub.<br>🔁 Other: 🔽 | Pump<br>relec | 1. <u> <b>У</b></u> | 8 I 556 Mp                 |  |  |  |  |
| Materials  | Purge Method:   |  |                            |                                  |                                    |                             |               |                     |                            |  |  |  |  |
|  |   | G-6-145                                  | ylene □ Pol                | ypropylene 🛚                     | Teflon® □ Nv                       | /lon □ Other:               |               | 3. <u></u>          | an Congresser              |  |  |  |  |
|  | Materials: Rope/Tubing Polyethylene Polypropylene Teflon® Nylon Other:  Dedicated Prepared Off-Site Field-Cleaned Disposable  4. 6K-101   |  |                            |                                  |                                    |                             |               |                     |                            |  |  |  |  |
|  | to Purge (minii   | -  |                            |                                  |                                    |                             |               |                     | Calibrated? <b>⊡</b> Yes □ |  |  |  |  |
| Was wel  | l purged dry? Cum. Gallons  | □ Yes<br>pH                              | Temp                       | Pumping Rai                      |                                    | gal/min<br>DO               | Turbidity     |                     |                            |  |  |  |  |
| Time   | Removed<br>(gal)  | ±0.1 su                                  | ±2°C                       | <del></del>                      |                                    | > of ±10% or<br>±0.2 mg/L   | ≤ 10 NTU      | Water Level         | Comments                   |  |  |  |  |
| 1025   | Stert   |  |                            |                                  |                                    |                             |               | 825_M               | 7                          |  |  |  |  |
| 1033   | YSI KII   | 6.79                                     | 16.43                      | 3.124                            | 2.5                                | 4.97                        | •             | 7136.2              | Yellowsh Tim               |  |  |  |  |
| 16 38  |   | 6.69                                     | 16.24                      | 3,148                            | -7.4                               | 4.46                        | 5.12          | 7357.5<br>T= 14.4   |                            |  |  |  |  |
| 1046   |   | 6.79                                     | 15.99                      | 3.181                            | -89,9                              | 3.81                        | 4.09          | 7491.3 T=           | 77.4                       |  |  |  |  |
| 1058   | 0,1   | 6.87                                     | 15.65                      | 3.205                            | -1177                              | 3.40                        | 3.39          | 7546.3              | NJ. T                      |  |  |  |  |
|  |   | •  |                            |                                  |                                    |                             |               | Purge dat           | a continued on next sheet? |  |  |  |  |
| 4. SAMF  | PLING DA  | TA                                       |                            |                                  |                                    |                             |               | Geoc                | hemical Analyses           |  |  |  |  |
| Method(s   | s): 🔲 Bai   | ler, Size:<br>rifugal Pump               | □<br>Peristalt             | Bladder Pump<br>ic Pump 🗖 Ine    | ☐ 2" Sub. Purtial Lift Pump        | mp 🛛 4" Sub.<br>😭 Other: 🏒  | Pump          | Ferro               | us Iron:/_ mg/L            |  |  |  |  |
| Materials  | s: Pump/Bailer  | □ Polyethy                               |                            | nless D PVC                      |                                    |                             | able          | DO:                 | mg/L                       |  |  |  |  |
| Materials  | s: Tubing/Rope  | Polyethy  Dedicate                       | vlene □ Poly<br>ed □ Prepa | rpropylene 🗆                     | Teflon® □ Nyl<br>□ Field-Cleaned   | on □ Other:<br>d □ Disposab | le            | Nitrat              | e: mg/L                    |  |  |  |  |
|  | Water at Time   |  |                            |                                  | Field Filtered                     |                             | Y No          | Sulfat              | e: mg/L                    |  |  |  |  |
| Sample ID: //v-36 = Sample Date: //////// Sample Time: //50 # of Containers: Alkalinity: mg/L  |   |  |                            |                                  |                                    |                             |               |                     |                            |  |  |  |  |
| Duplicate  | e Sample Colle  | ected? 🗆 🔌                               | ∕es 👺 No                   | ID:                              | <del></del> _                      | # of Contain                | ners:         | _                   |                            |  |  |  |  |
| Equipme  | ent Blank Colle   | cted? 🗆 🔌                                | ∕es <b>⁄2–</b> No          | ID:                              |                                    | # of Contain                | ners:         | <u>-</u>            |                            |  |  |  |  |
| 5. COM   | 5. COMMENTS   |  |                            |                                  |                                    |                             |               |                     |                            |  |  |  |  |
|  |   |  |                            |                                  |                                    |                             |               |                     |                            |  |  |  |  |
| Note: Include i  | comments such a   | as well condi                            | tion, odor. pr             | esence of NAPI                   | ., or other items                  | not on the field            | data sheet.   |                     |                            |  |  |  |  |
|  |   |  | ,, pr                      |                                  |                                    |                             | 1 K           |                     | ·                          |  |  |  |  |

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Page \_\_\_\_\_ of \_\_\_\_\_ Signature

Signature

BROWN AND CALDWELL ELLID: MW-36 Zone 5-Waterloo

| 1 01        | GE DATA                 |                      |       | n page 1    |         | 1 50            | <b>-</b>   |             | <u> </u> |
|-------------|-------------------------|----------------------|-------|-------------|---------|-----------------|------------|-------------|----------|
| Time        | Cum. Gallons<br>Removed | pН                   | Temp  | Spec. Cond. | ORP     | DO > of ±10% or | Turbidity  | Water Level | Comments |
|             | (gal)                   | ±0.1 su              | ±2°C  | ±10 μS/cm   | ±20 mV  | ±0.2 mg/L       | ≤ 10 NTU   |             | 23       |
| 103         |                         | 6.85                 | 15.81 | 3.209       | -1062   | 2.84            | 2.73       | 7810.1      | T=17.4   |
| lu <b>s</b> | 0.2                     | 7.00                 | 15.93 | 3.200       | -130.3  | 1.75            | 3.89       | 7999.7      | T=17.4   |
| 25          |                         | 7.11                 | 15.77 | 3.187       | - 136.7 | 1.00            | 4.25       | 8158.7      |          |
| 135         |                         | 7.10                 | 15,77 | 3.187       | - 132.2 | 0.86            | 4.01       | 8160.1      | T=17.4   |
| 145         |                         | 7.12                 | 15.57 | 3.196       | -128.4  | 0.87            | 7.12       | 8151.2      | T=17.4   |
| 150         | Surplul                 | -                    |       |             |         |                 |            |             |          |
|             |                         | -                    |       |             |         | •               |            |             |          |
|             |                         |                      |       |             |         |                 |            |             |          |
|             |                         |                      |       |             |         |                 |            |             |          |
| - 1         |                         |                      |       |             |         |                 |            |             | W.       |
|             |                         |                      |       |             |         |                 | <b>.</b> E |             |          |
|             |                         | Million and American |       |             |         |                 |            |             |          |
|             | İ                       |                      |       |             |         |                 | -          |             |          |
|             |                         |                      |       |             |         |                 |            |             |          |
|             |                         |                      |       |             |         |                 |            |             |          |
|             | <u> </u>                |                      |       |             |         |                 |            |             |          |
|             |                         |                      |       |             |         |                 |            |             |          |
|             |                         |                      |       |             | II.     |                 |            |             |          |
|             |                         |                      |       |             |         |                 |            |             |          |
|             |                         |                      |       |             |         |                 |            |             |          |
|             |                         |                      |       |             | 1       |                 |            |             |          |
|             |                         |                      |       |             |         | ė;              |            |             |          |
|             |                         |                      |       |             |         |                 |            |             |          |
|             |                         |                      |       |             |         |                 |            |             |          |
|             |                         |                      |       |             |         |                 |            |             | -        |
|             |                         | ,                    |       |             |         |                 |            |             |          |
|             |                         |                      |       |             |         |                 |            |             |          |
|             |                         |                      |       |             |         |                 | ,          |             |          |
|             |                         |                      |       |             |         |                 |            |             |          |

Purge data continued on next sheet?

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FORM GW-2 (Rev 25.Sept.08 - sej)

#### **GROUNDWATER SAMPLING FIELD DATA SHEET**

WELL ID: MW-37 Zone 1

| 1 PRO         | JECT INF                          | ORMA'                       | TION             |                                    |                                    |                                     |             |               |                  |            |
|---------------|-----------------------------------|-----------------------------|------------------|------------------------------------|------------------------------------|-------------------------------------|-------------|---------------|------------------|------------|
|               |                                   |                             |                  | nber: 200.00                       | )1                                 | Area of Cond                        | ern.        |               |                  |            |
| 1             | Owens Corr                        |                             |                  |                                    |                                    | Personnel: JBM                      |             |               |                  |            |
| _             | Location: And                     |                             |                  |                                    |                                    |                                     |             | アド            |                  |            |
| 2. WEL        | L DATA                            |                             | Date Me          | easured: <u></u> [\$               | Nov.16                             | Time: <u>[6</u>                     | 04          | Temp          | orary Well:      | ′es ⊡nNo   |
| Casing        | Diameter:                         | 1ind                        | ches             | Type: ☑∕PV                         | C 🗆 Stainless                      | s 🛚 Galv. Steel                     | ☐ Teflon®   | Other:        |                  |            |
| Screen        | Diameter: 1                       | ind                         | ches             | • •                                |                                    | s 🛚 Galv. Steel                     |             |               |                  |            |
|               | epth of Well:                     |                             |                  |                                    |                                    |                                     |             |               | Other:           |            |
| Depth to      | Static Water:                     | 21.11                       | feet             |                                    |                                    |                                     |             |               | Other:           | ٠          |
| •             | Product:                          |                             | _                |                                    |                                    | ,                                   | ·           | •             | Other:           |            |
| Length o      | of Water Colum                    | nn:                         | feet             |                                    |                                    | gal<br><i>2-in well = 0.16</i>      |             |               | GS):             | 469 gal/ft |
| 3. PUR        | GE DATA                           |                             | Date Pu          | rged: 17N                          | ov. 10                             | Time: <u>07</u>                     | 05          |               | Equipment        | Model(s)   |
| Purge M       | fethod: ☐ Bai                     | iler, Size:<br>trifugal Pum | p 🗆 Perista      | ■ Bladder Pump<br>litic Pump □ Inc | o □ 2" Sub. Po<br>ertial Lift Pump | ump 🗆 4" Sub.<br>@Other:            | Pump        | 1. <u>Y</u> . | SI 556 M         | ช          |
|               | s: Pump/Bailer                    | O Dalvadi                   | vlene 🗷 Sta      | ainless D PVC                      | ☐ Teflon® □                        |                                     |             |               | rt isce          |            |
| Material      | s: Rope/Tubing                    | Polyeth                     | ylene 🗆 Po       | lypropylene 🛚                      | Teflon® □ Ny                       | ylon 🛭 Other:                       |             | 3. <u>/</u> / | em Digg          | <u> </u>   |
|               |                                   | Dedica                      | ted 🗆 Prep       | pared Off-Site                     | ☐ Field-Cleane                     | ed <b>12</b> Disposal               | ole         | 4. <u>(</u>   | ED MP-10         |            |
|               | to Purge (minir<br>II purged dry? | mum):<br>Yes                |                  |                                    | te:                                | -                                   |             |               | Calibrated?      | Yes 🗆      |
| vvas we       | Cum. Gallons                      | pH                          | Temp             | Spec. Cond.                        |                                    | DO                                  | Turbidity   |               |                  |            |
| Time          | Removed<br>(gal)                  | ±0.1 su                     | ±2°C             | > of ±3% or<br>±10 µS/cm           | > of ±10% or<br>±20 mV             | > of ±10% or<br>±0.2 mg/L           | ≤ 10 NTU    | Water Level   | Comr             | ments      |
| 0820          |                                   |                             |                  |                                    |                                    |                                     |             | 16.98         | level Hal        | de 10 ho   |
| 0837          | YSI Full                          | 7.07                        | 12.82            | 0.823                              | -115.7                             | 201                                 |             | 20.81         | D1W-21.          | 09 Rehe    |
| 0850          | 0.                                | 7.26                        | 12.01            | 0.981                              | -104.0                             | 1.48                                |             | 12.29         | H20 is C         | h          |
| 0900          | 0.2                               | 7.41                        | 13.29            | € 1.08C                            | -88.8                              | 208                                 |             |               |                  |            |
| 0910          | 0.3                               | 7.52                        | 13.39            | 1.114                              | -78.4                              | 0.82                                |             |               |                  |            |
|               |                                   |                             |                  |                                    |                                    |                                     |             | Purge dat     | a continued on n | ext sheet? |
| 4. SAMF       | PLING DA                          | TA                          |                  | ,                                  |                                    |                                     |             | Geoc          | hemical Analys   | <u>ses</u> |
| Method(       | s): 🔲 Bail<br>🗅 Centr             | er, Size:<br>ifugal Pump    | <br>D Peristal   | l'Bladder Pump<br>tic Pump  ☐ Ine  | ☐ 2" Sub. Pu<br>rtial Lift Pump    | mp □ 4" Sub.<br>☑ Other: <u>3/4</u> | Pump        | Ferro         | us Iron: 📐       | mg/L       |
| Materials     | s: Pump/Bailer                    | ☐ Polyethy                  |                  | inless D PVC                       |                                    |                                     | able        | DO:           | /                | /<br>mg/L  |
| Materials     | s: Tubing/Rope                    | <b>Polyeth</b>              | /lene □ Poly     | ypropylene 🗆                       | Teflon® □ Nyi                      | on Other:                           |             | Nitrate       | e:               | mg/L       |
| Depth to      | Water at Time                     |                             |                  | ared Off-Site [                    | Field Filtered                     |                                     |             | Sulfat        | e:               | mg/L       |
| •             | ID:MV-37 2                        |                             | • ——             | .10 Sample T                       |                                    | _ # of Contain                      | 1           | Alkaliı       | nity:            | _\mg/L     |
| Duplicate     | e Sample Colle                    | cted?□ `                    | Yes 🗹 No         | ID:                                |                                    | —<br># of Contain                   | ners:       |               |                  | _          |
| Equipme       | ent Blank Collec                  | cted? 🗆 `                   | Yes <b>⊠′</b> No | / ID:                              |                                    | # of Contain                        | ners:       |               |                  |            |
| 5. COMI       | MENTS                             | Para is                     | gard a           | n fe av                            | gossibl                            | -/a-                                | Face, M     | 351           |                  |            |
|               |                                   |                             |                  | -y  v                              | 7-10-                              |                                     |             | _ <del></del> |                  |            |
|               |                                   |                             |                  |                                    |                                    |                                     |             |               |                  |            |
| Note: Include | comments such a                   | s well condi                | tion, odor, pr   | esence of NAPL                     | ., or other items                  | not on the field                    | data sheet. | . /           |                  |            |
|               |                                   |                             |                  |                                    |                                    |                                     | 1774        | 4             |                  |            |

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Page \_\_\_\_ of \_\_\_\_ Signature

A SHAM Signature

### B R O W N A N D C A L D W E L L

#### **GROUNDWATER SAMPLING FIELD DATA SHEET**

| WELL ID:         | MW-37 Zone 1   |  |
|------------------|----------------|--|
| <b>**</b> LLL!D. | IVIVY OF LOUID |  |

| ). I OIX | GE DATA                          |               | Temp  |                                    | ORP   | DO                        | Turbidity          |             |          |
|----------|----------------------------------|---------------|-------|------------------------------------|-------|---------------------------|--------------------|-------------|----------|
| Time     | Cum. Gallons<br>Removed<br>(gal) | pH<br>±0.1 su | ±2°C  | Spec. Cond.  > of ±3% or ±10 µS/cm |       | > of ±10% or<br>±0.2 mg/L | Turbidity ≤ 10 NTU | Water Level | Comments |
| 0920     | 0.4                              | 7.31          | 13.50 | 1.126                              | -76.4 | 0.74                      |                    | 28.08       |          |
| 0930     | 0.45                             | 7.45          | 13.54 | 1.132                              | -76.1 | 0.68                      |                    |             |          |
| 0940     | 0.50                             | 7.55          | 13.77 | 1.141                              | -77.6 | 0.58                      |                    | 3/./9       |          |
| 0950     | 0.55<br>Saght                    | 7.50          | 13.85 | 1,144                              | -78.9 | 0.50                      | 254                | 33.21       |          |
| 1000     | Saphe                            |               |       |                                    |       |                           |                    |             |          |
| 1010     | ļ l                              |               |       |                                    |       |                           |                    |             |          |
| 1020     |                                  |               |       |                                    |       |                           |                    |             |          |
|          |                                  |               |       |                                    |       |                           |                    |             |          |
|          |                                  |               | ,     |                                    | 80    |                           |                    |             |          |
|          |                                  |               |       |                                    |       |                           |                    |             | **       |
|          |                                  |               |       |                                    |       |                           |                    |             |          |
|          |                                  |               |       |                                    |       |                           |                    |             |          |
|          |                                  |               |       |                                    |       |                           |                    |             | 2.7      |
|          |                                  |               |       |                                    |       |                           |                    | ā           |          |
|          |                                  |               |       |                                    |       | 121                       |                    |             | 81 2     |
|          |                                  |               | ⊕ E1  |                                    |       |                           |                    |             |          |
| - 01     |                                  |               |       |                                    |       |                           |                    |             |          |
|          |                                  |               |       |                                    |       | • :                       |                    | a.          |          |
|          |                                  |               |       |                                    |       |                           |                    |             |          |
|          |                                  |               |       |                                    |       |                           |                    |             |          |
|          |                                  |               |       |                                    |       |                           |                    |             |          |
|          |                                  |               |       |                                    |       |                           |                    |             |          |
|          | 19                               |               |       |                                    |       |                           |                    |             |          |
|          |                                  |               |       |                                    |       |                           |                    |             | g        |
|          |                                  |               |       |                                    |       |                           |                    |             | · # 5    |
|          |                                  |               |       |                                    | 17    |                           |                    |             |          |
|          |                                  |               |       |                                    |       |                           | · <u>-</u>         |             |          |
|          |                                  |               |       |                                    |       |                           |                    |             |          |
|          |                                  |               |       |                                    |       |                           |                    |             |          |

Purge data continued on next sheet? □

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### **GROUNDWATER SAMPLING FIELD DATA SHEET**

WELL ID: MW-37 Zone 2

| 1 PRO  | JECT INF                | ORMA           | TION                      |                                 |                                  |                                     |             |                                       |  |
|--|-------------------------|----------------|---------------------------|---------------------------------|----------------------------------|-------------------------------------|-------------|---------------------------------------|--|
|  | Number: <u>138</u>      |                |                           | shor: 200 0                     | 01                               | Area of Con-                        |             |                                       |  |
|  | Owens Corr              |                |                           |                                 |                                  |                                     |             |                                       |  |
| _  | Location: And           |                |                           |                                 |                                  | _                                   |             | 7-                                    |  |
|  |                         |                |                           |                                 |                                  |                                     |             |                                       | <u> </u>   |
|  |                         |                |                           |                                 |                                  |                                     |             |                                       | oorary Well: □Yes ☑ <b>Ń</b> o   |
|  | Diameter:               |                |                           |                                 |                                  | s 🛚 Galv. Stee                      |             |                                       |  |
|  | Diameter:               |                | ches                      |                                 |                                  | s □ Galv. Stee                      |             |                                       |  |
|  | epth of Well:           |                | _feet                     |                                 |                                  |                                     | •           | -                                     | Other:   |
|  | Static Water:           |                |                           |                                 |                                  |                                     |             |                                       | Other:   |
| · ·  | Product:                |                | _feet                     |                                 |                                  | • , ,                               | •           | •                                     | Other:   |
| Length o   | of Water Colun          | nn:            | _feet                     |                                 |                                  |                                     |             |                                       | GS):<br>/ft 6-in well = 1.469 gal/ft   |
| 3. PUR   | GE DATA                 |                | Date Pu                   |                                 |                                  | Time: /03                           |             |                                       | Equipment Model(s)   |
| Purge M  | lethod: ☐ Ba            |                |                           |                                 |                                  |                                     |             | <br>1. <b>}</b> /5                    | I 556 MPD  |
|  |                         | □ Polyoth      | nvlene 🗹 Sta              | ainless 🗆 PVC                   | ☐ Teflon® □                      | Other:                              |             | -                                     | RT-15CE  |
| watenal  | s: Pump/Bailer          | ☐ Dedica       | ted 🗆 P                   | repared Off-Site                | Field-Clea                       | ned 🗆 Dispo                         | sable       |                                       | ED MOID  |
| Material   | s: Rope/Tubino          | Polyeth Dedica | iylene □ Po<br>ted □ Prep | lypropylene 🚨<br>pared Off-Site | Teflon® □ Ny<br>□ Field-Cleane   | /lon □ Other:_<br>ed   Disposal     | ole         | · · · · · · · · · · · · · · · · · · · | wa Dyn-T   |
| Volume   | to Purge (mini          | mum):          | well v                    | olumes or                       | !                                | gallons                             |             | 4. <u>* 12</u>                        | The state of the s |
| Was we   | Il purged dry?          | ☐ Yes          | □ No                      | Pumping Ra                      | te:                              | gal/min                             |             |                                       | Calibrated? ☐ Yes □  |
| Time   | Cum. Gallons<br>Removed | pH À           | Temp                      | Spec. Cond.                     |                                  | DO                                  | Turbidity   | Water Level                           | Comments   |
| Time   | (gal)                   | ±0.1 su        | ±2°C                      | > of ±3% or<br>±10 µS/cm        | > of ±10% or<br>±20 mV           | > of ±10% or<br>±0.2 mg/L           | ≤ 10 NTU    | Water Level                           | Comments   |
| 1/13   | Ster                    |                |                           |                                 |                                  |                                     |             |                                       |  |
| 1132   | YSI RY                  | <del></del>    | 15.58                     | P.209                           |                                  | 2.40                                |             | 17.87                                 | YSI pH off Rec   |
| 1143   | 0.1                     | 10.08          | 15.72                     | 0.278                           | -60.8                            | 1.81                                |             | 17.89                                 |  |
| 1150   | 0.20                    | 10.26          | 15.79                     | 0.326                           | -59.0                            | 1.27                                |             | 17.89                                 |  |
| 1700   | 0.25                    | 10.37          |                           | 0.776                           | -56.0                            | 1.00                                |             | 17.89                                 |  |
| 10.  | · · · · ·               |                |                           |                                 | ,                                | ξ*                                  |             |                                       | a continued on next sheet?   |
| 4 SAME   | PLING DA                | TA             |                           |                                 |                                  | ·                                   |             |                                       | hemical Analyses   |
| Method(  | م. 🗅 Bai                | ler, Size:     |                           | <b>r</b> Bladder Pump           | □ 2" Sub. Pu                     | mp □ 4" Sub.                        | Pump        |                                       |  |
| ,  | . Li Centi              | O 0-1 -45      |                           |                                 | rtial Lift Pump  Teflon®         | ,                                   |             | Ferro                                 | us Iron:/ mg/L   |
|  | s: Pump/Bailer          | □ Dedicate     | ed 🗆 Pro                  | epared Off-Site                 | Field-Clear                      | ned Dispos                          | able        | DO:                                   | / mg/L   |
| Materials  | s: Tubing/Rope          | Polyethy       | /lene □ Poly              | propylene 🗆                     | Teflon® □ Nyl<br>□ Field-Cleaned | on □ Other:<br>I <b>□</b> /Disposab |             | Nitrat                                | e: mg/L  |
| Depth to   | Water at Time           | f C            | •                         |                                 |                                  | !? □ Yes Œ                          |             | Sulfat                                | e: mg/L  |
| Sample   | MV-39 2<br>ID:          | Z<br>Sample D  | ate: 19 NOV               | Sample 7                        | Time:/230                        | _ # of Contain                      | 1           | Alkalii                               | nity: mg/L   |
|  | e Sample Colle          |                |                           | ID: <b>DUP-</b> [[              | 11710 A Q"12                     | # of Contain                        |             |                                       | 7  |
| Equipme  | ent Blank Colle         | cted? 🗹 🗅      | res □ No                  | ID: <b>EB4</b>                  | 1700 @ 10                        | # of Contain                        | ners: 2     |                                       |  |
| 5. COMMENTS off is coliberal of 4.0 + 7.0 10.26 is overable all cal range. |                         |                |                           |                                 |                                  |                                     |             |                                       |  |
| P.m  | ام الملم                | <u> </u>       | AIRCRET BY                | ~120                            | 10.                              | 13 ourshite                         | ا چې کوي    | rage.                                 |  |
| , ange 41 to 1   | - Total                 | of Mi          | -                         | ····                            |                                  |                                     |             |                                       |  |
| Note: Include  | comments such a         | s well condi   | tion, odor, pr            | esence of NAPL                  | ., or other items                | not on the field                    | data sheet. |                                       |  |

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#### **GROUNDWATER SAMPLING FIELD DATA SHEET**

| WELL ID: MW-37 Zone 2 |
|-----------------------|
|-----------------------|

| . 1 01 | GE DATA                          |               |              |                       |                               | DO                              | Ta andre i nalida     | 1           |             |
|--------|----------------------------------|---------------|--------------|-----------------------|-------------------------------|---------------------------------|-----------------------|-------------|-------------|
| Time   | Cum. Gallons<br>Removed<br>(gal) | pH<br>±0.1 su | Temp<br>±2°C | > of ±3% or ±10 µS/cm | ORP<br>> of ±10% or<br>±20 mV | DO<br>> of ±10% or<br>±0.2 mg/L | Turbidity<br>≤ 10 NTU | Water Level | Comments    |
| 1210   | 0.35                             | 10.41         | 15.92        |                       | -54.0                         | 0.88                            | 8.49                  | 17.84       |             |
| 1220   | 0.45                             | 10.53         | 15.98        | 1                     | -51.2                         | 0.65                            | 3.91                  | 17.84       |             |
| 1230   | 0.43<br>Saydel                   |               |              |                       |                               |                                 |                       |             |             |
| 1240   |                                  |               |              |                       |                               |                                 |                       |             |             |
| 1250   |                                  |               |              | 37                    |                               |                                 |                       |             |             |
| 1300   |                                  |               |              |                       |                               |                                 |                       |             |             |
| 1310   |                                  |               |              |                       |                               |                                 |                       |             |             |
|        |                                  |               |              |                       |                               |                                 |                       |             |             |
|        |                                  |               |              |                       |                               |                                 |                       |             |             |
|        | =                                |               |              |                       |                               | Administra                      |                       |             |             |
|        |                                  |               |              |                       |                               |                                 |                       |             |             |
|        |                                  |               |              |                       |                               |                                 |                       |             | <u>.</u>    |
|        |                                  |               |              |                       |                               |                                 |                       |             | <del></del> |
|        |                                  |               |              |                       |                               |                                 |                       |             |             |
|        | *                                |               |              |                       |                               |                                 |                       |             |             |
|        |                                  |               |              |                       |                               | 11                              |                       |             |             |
|        |                                  |               |              |                       |                               |                                 |                       |             |             |
|        | 4)! •                            | •             |              |                       |                               |                                 |                       |             |             |
|        |                                  |               |              |                       |                               |                                 |                       |             |             |
|        |                                  |               |              |                       | =                             |                                 |                       |             |             |
|        |                                  |               |              |                       |                               | İ                               |                       |             | , 1         |
|        | 3                                |               |              |                       |                               |                                 | <del></del>           |             | 9           |
|        |                                  | - 3           |              |                       |                               |                                 |                       |             |             |
|        |                                  |               |              |                       |                               |                                 |                       |             |             |
| 27     |                                  |               |              |                       |                               |                                 |                       |             |             |
|        |                                  |               |              |                       |                               |                                 |                       |             |             |
|        |                                  | ļ             |              |                       | 1                             |                                 | •                     |             |             |
|        |                                  |               | 6            |                       | •                             | 85                              | ,                     |             |             |
|        |                                  |               |              |                       |                               |                                 |                       |             |             |

Purge data continued on next sheet?  $\ \Box$ 

Signature

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#### **GROUNDWATER SAMPLING FIELD DATA SHEET**

WELL ID: MW-37 Zone 3

| 4 556         | IEOT INE                    | 00144                       | FIGN           |                                  |                                    |                          | ····              |                    |                                      |
|---------------|-----------------------------|-----------------------------|----------------|----------------------------------|------------------------------------|--------------------------|-------------------|--------------------|--------------------------------------|
|               | JECT INF                    | _                           | _              |                                  |                                    |                          |                   |                    |                                      |
|               |                             |                             |                |                                  |                                    |                          | oncern:           |                    |                                      |
| •             | Owens Corr                  |                             |                |                                  |                                    |                          |                   | ,                  |                                      |
| Project I     | _ocation: <u>And</u>        | derson, S                   | outh Car       | olina                            |                                    | _Weather:                | ~70°F C           | æ                  |                                      |
| 2. WELI       | L DATA                      |                             | Date Me        | easured: [ <b>ʃ.</b>             | NOV.10                             | Time: _                  | 16.08             | Temp               | oorary Well: □Yes ᠖No                |
| Casing I      | Diameter:                   | <u>1i</u> nc                | hes            | Type: <b>☑</b> PV                | C 🗆 Stainless                      | Galv. S                  | iteel Teflon®     | Other:             |                                      |
| Screen        | Diameter:                   | <u>1i</u> nc                | hes            | Type: 🔁 PV                       | C   Stainless                      | s □ Galv. S              | iteel 🗆 Teflon®   | Other:             |                                      |
| ł             | epth of Well:               |                             | •              |                                  | •                                  | • • •                    | •                 | -                  | Other:                               |
| Depth to      | Static Water:               | 21.10                       | feet           | From: 🗷 To                       | p of Well Casin                    | g (TOC)                  | ☐ Top of Protecti | ve Casing          | Other:                               |
| Depth to      | Product:                    |                             | feet           | From:   To                       | p of Well Casin                    | ng (TOC) (               | ☐ Top of Protecti | ve Casing          | Other:                               |
| Length o      | of Water Colum              | nn:                         | feet           |                                  |                                    |                          |                   |                    | GS):<br>/ft 6-in well = 1.469 gal/ft |
|               | GE DATA                     |                             |                |                                  |                                    |                          |                   |                    | Equipment Model(s)                   |
| Purge M       | lethod: ☐ Ba                | iler, Size:<br>trifugal Pum | p □ Perista    | Badder Pump<br>Itic Pump □ Inc   | o □ 2" Sub. Po<br>ertial Lift Pump | ump 🔲 4" :<br>1 Other: 🤦 | Sub. Pump         | ··- <u></u>        | SI 886 MPS                           |
|               | s: Pump/Bailer              | □ Polyoth                   | ylene 🖛 Sta    | ninless D PVC                    | ☐ Teflon® 0                        | Other:                   |                   |                    | RT-15CE                              |
| Nantoriol     | Dana/Tubina                 | DD                          |                | repared Oπ-Site<br>lypropylene □ |                                    |                          | •                 | 3. <u>//</u>       | eron Digger -                        |
|               | s: Rope/Tubing              | □ Dedica                    | ted 🗆 Prep     | ared Off-Site                    | ☐ Field-Cleane                     | ed <b>P</b> Disp         | osable            | 4. <u><i>D</i></u> | RED MF-10                            |
|               | to Purge (minir             |                             |                |                                  |                                    |                          |                   |                    | Calibrated? <b>☐</b> Yes □           |
| Was we        | Il purged dry? Cum. Gallons | □ Yes<br>pH                 | Temp           | Pumping Rai                      | i                                  | gai/mir                  | Turbidity         | 1                  |                                      |
| Time          | Removed                     |                             |                | ļ- <u>-</u>                      | > of ±10% or                       |                          |                   | _ <br> Water Level | Comments                             |
|               | (gal)                       | ±0.1 su                     | ±2°C           | ±10 μS/cm                        | ±20 mV                             | ±0.2 mg/                 | \$ 10 NI U        |                    |                                      |
| 1418          | Sof                         |                             |                |                                  |                                    |                          |                   | 15.02              | He o lead Hoghe de-                  |
| 1428          | YSI FAH                     | Air                         | lenk           |                                  |                                    | ,                        |                   |                    |                                      |
| 1443          | Begin P                     | work                        | oaph           | Lech                             | i- Air                             | Lin f                    | Fix.J             |                    |                                      |
| 1455          | YSI Full                    | 6.87                        | 16.61          | 0.360                            | -20.3                              | 3.48                     |                   | 21.74              |                                      |
| 1505          | 0.1                         | 6.87                        | 16.50          | 0.382                            | -14.0                              | 3.54                     |                   |                    |                                      |
| <u> </u>      |                             |                             |                |                                  |                                    |                          | ·                 | Purge dat          | ta continued on next sheet?          |
| 4. SAMF       | PLING DA                    | ATA                         |                | ,                                |                                    |                          |                   | Geoc               | hemical Analysés                     |
| Method(       |                             | ler, Size:<br>rifugal Pump  |                | Bladder Pump<br>tic Pump □ Ine   |                                    |                          |                   | Ferro              | us Iron: <u>\</u> mg/L               |
| Materials     | s: Pump/Bailer              | ☐ Polyethy                  | /lene 🗹 Stai   | inless 🗆 PVC                     | ☐ Teflon® ☐                        | Other:                   |                   | DO:                |                                      |
| <b>14</b> -4  | s: Tubing/Rope              | Polyethy                    |                | epared Off-Site                  |                                    |                          | posable<br>r      | Nitrat             |                                      |
| iviaterials   | s. тивіпд/коре              | □ Dedicate                  | ed D Prepa     | ared Off-Site                    | ☐ Field-Cleaned                    | d <b>T</b> Dispo         | sable             |                    | <u> </u>                             |
|               | Water at Time               |                             |                | (11)                             | Field Filtered                     |                          | No 7              | Sulfat             |                                      |
|               | ID. MV37 2                  |                             |                |                                  | ime: 13 43                         | _                        | ntainers:         | Alkali             | nity: mg/L                           |
| •             | e Sample Colle              |                             | •              |                                  |                                    | # of Cor                 |                   |                    | ,                                    |
| ⊨quipme       | ent Blank Collec            | ctea? u                     | ies 🔑 No       | ID:                              |                                    | # of Cor                 | ntainers:         |                    |                                      |
| 5. COMI       | MENTS                       | fuy in                      | surul 1        | o depth                          | ther it                            | و البس                   | w                 | tuny               |                                      |
| -             |                             | •                           |                | <u> </u>                         | •                                  |                          |                   |                    |                                      |
| Note: Include | comments such a             | as well condi               | tion, odor, pr | esence of NAPL                   | ., or other items                  | not on the f             | ield data sheet.  |                    |                                      |
|               |                             |                             |                |                                  |                                    |                          | -1-18             |                    |                                      |

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Page \_\_\_\_ of \_\_\_\_ Signature

Figurature Signature

#### **GROUNDWATER SAMPLING FIELD DATA SHEET**

| <u> </u> | GE DATA  |         |       |                          |                        |  | ,                 |  |                |
|----------|--|---------|-------|--------------------------|------------------------|--|-------------------|--|----------------|
| Time     | Cum. Gallons<br>Removed  | PH      | Temp  | Spec. Cond.              | ORP                    | DO   | Turbidity         | Water Level  | Comments       |
| 14116    | (gal)  | ±0.1 su | ±2°C  | > of ±3% or<br>±10 µS/cm | > of ±10% or<br>±20 mV | > of ±10% or<br>±0.2 mg/L  | ≤ 10 NTU          | AAGIGI LEVEI   | Comments       |
| 1510     | 0.15   | 6.91    | 16.46 | 0.393                    |                        | 2.26   |                   |  |                |
| 1515     | 6.2  | 6.92    | 16.38 | 0.399                    | -27.9                  | 1.72   |                   |  |                |
| 520      | 0. 25  | 6.92    | 1633  | 0.402                    | -320                   | 1.32   | 2.73              | 28.14  |                |
| 1525     | Sorgled  |         |       |                          |                        |  |                   |  |                |
|          | l C  |         |       |                          |                        |  |                   |  |                |
|          | 80   |         | =     |                          |                        |  |                   |  |                |
|          |  |         |       |                          |                        |  |                   |  |                |
|          |  |         |       |                          |                        |  |                   |  |                |
|          |  |         |       |                          |                        | ,  |                   |  |                |
|          |  |         | 7.9   |                          |                        | W.   |                   |  |                |
|          |  |         |       |                          |                        |  |                   |  |                |
|          |  |         |       |                          |                        |  |                   |  | ) <del>-</del> |
|          |  |         |       |                          |                        |  |                   |  |                |
|          |  |         |       |                          |                        |  |                   |  |                |
|          |  |         |       |                          |                        |  |                   |  |                |
|          |  |         |       |                          |                        |  | 4                 |  |                |
|          |  |         |       |                          |                        |  |                   |  |                |
| 6 5<br>8 |  |         |       |                          | [                      | The state of the s |                   |  |                |
| •        | 2  |         |       | <u> </u>                 |                        |  |                   |  |                |
|          |  | _ F     |       |                          |                        |  | · ·-· ·-· ·-· ·-· |  |                |
|          | - The state of the | (F)     |       |                          |                        |  |                   |  |                |
|          |  |         | 15    |                          |                        |  |                   |  |                |
|          |  |         |       |                          | 47                     |  |                   |  |                |
|          |  |         |       |                          |                        |  |                   |  |                |
|          | •  |         |       |                          |                        |  |                   |  | П              |
|          |  |         |       |                          |                        |  |                   |  |                |
|          |  | ·       |       | 4                        | i                      |  |                   |  |                |
|          |  | Efe     |       |                          |                        |  |                   |  |                |
|          |  |         |       |                          |                        | -  |                   | in the same of the |                |

Purge data continued on next sheet?  $\ \square$ 

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WELL ID: MW-38 Zone 1 Walker

| 4 886                | IEOT IN                 |                            |                                 |                                   |                                   |  | ··· <u>.</u>      |                 | ·                                     |
|----------------------|-------------------------|----------------------------|---------------------------------|-----------------------------------|-----------------------------------|--|-------------------|-----------------|---------------------------------------|
|                      | JECT INF                |                            |                                 |                                   |                                   |  |                   |                 |                                       |
|                      | Number: <u>138</u>      |                            |                                 |                                   |                                   |  | •                 | <u> </u>        |                                       |
|                      | Owens Cor               |                            |                                 |                                   |                                   |  |                   | ·               |                                       |
| Project              | Location: And           | derson, S                  | South Car                       | rolina                            |                                   | _ Weather:                             | 664 O             | west            |                                       |
| 2. WEL               | L DATA                  |                            | Date Me                         |                                   |                                   |  |                   |                 | mporary Well: □Yes ☐No                |
| Casing I             | Diameter:               | <u>1i</u> n                | ches                            | Type: Œr∕Pv                       | C 🗆 Stainles                      | ss 🛚 Galv. Ste                         | el 🗆 Teflon®      | Other:          |                                       |
| <sub>::</sub> Screen | Diameter:1              | <u>lin</u>                 | ches                            | Type:                             | C Stainles                        | ss 🛚 Galv. Ste                         | el 🗆 Teflon®      | Other:          | ·<br>                                 |
| Total De             | epth of Well:           | 430                        | _feet                           |                                   |                                   |  |                   |                 | □ Other:                              |
| Depth to             | Static Water:           | 9.12                       | _feet                           | From: Ed To                       | op of Well Casi                   | ng (TOC)                               | Top of Protective | ve Casing       | Other:                                |
| Depth to             | Product:                |                            | _feet                           | From:   To                        | op of Well Casi                   | ng (TOC)                               | Top of Protective | ve Casing       | Other:                                |
| Length of            | of Water Colum          | nn:                        | _feet                           |                                   |                                   | gal                                    |                   |                 | m GS):                                |
| 2 DI ID/             | SE DATA                 |                            | D-4- D                          |                                   |                                   |  |                   | vell = 0.667 g  | gal/ft 6-in well = 1.469 gal/ft       |
|                      |                         | ailer, Size:               | Date Pu                         | rged: <i>Lb./</i><br>Bladder Pumi | D □ 2" Sub. F                     | _Time: <u>/</u> 2<br>Pump 🗆 4" Sul     | h Pump            |                 | Equipment Model(s)                    |
| Purge M              | lethod: 🗆 Ba            |                            |                                 |                                   |                                   |  | 144 36            | ا. ا            | VCT TO Vigget                         |
| Material             | s: Pump/Baile           | Polyeth                    | nylene <b>⊈</b> Sta<br>ted □ Pr | ninless 🛭 PVC<br>repared Off-Site | ☐ Teflon®<br>e <b>☐</b> Field-Cle | □ Other:<br>aned □ Dispo               | osable            | 2               | YSI 556 MB                            |
| Materials            | s: Rope/Tubing          | Polyeth                    | nylene 🗆 Pol                    | ypropylene 🗅                      | Teflon® □ N                       | ylon  Other:_                          |                   | 3               | 9111-18CE                             |
| Volume               | to Purge (mini          |                            |                                 |                                   |                                   | ed <b>e</b> rDispose                   | able              | 4(              | Black Py RED                          |
| i                    | I purged dry?           | ···iɑiii)<br>□ Yes         |                                 |                                   | te:                               |  |                   |                 | Calibrated? ☐Yes ☐                    |
|                      | Cum. Gallons            | рН                         | Temp                            | Spec. Cond.                       |                                   | DO                                     | Turbidity         | 1               |                                       |
| Time                 | Removed (gal)           | ±0.1 su                    | ±2°C                            |                                   |                                   | > of ±10% or                           | ≤ 10 NTU          | Water Lev       | rel Comments                          |
| iane                 | <b>A A</b>              | C                          | 74,                             | ±10 µS/cm                         | ±20 r 2=                          | ±0.2 mg/L                              |                   | 700             | · · · · · · · · · · · · · · · · · · · |
| 1/1/2                | 0.0                     | ster!                      |                                 |                                   |                                   |  |                   | 7.19<br>4.19 be | L. e.s.                               |
| 1630                 | Ster                    |                            |                                 |                                   |                                   |  |                   | 3.71 a          | on pages 11                           |
| [6 45                | YST FUH                 | Pum                        | ner                             | mes ;                             | P.IL.                             | op reple                               | nd 0-1            | Rins t          | Ball Volve                            |
| F 15                 | YSI FUI                 | 7-22                       | 11.43                           | 0.727                             | 7.5                               | 261                                    |                   | 9%1             |                                       |
| 720                  | 0.1                     | 7.09                       | 13.27                           | 0.328                             | 5.7                               | 201                                    |                   |                 |                                       |
|                      |                         |                            |                                 |                                   | · -                               |  |                   | Purge d         | data continued on next sheet?         |
| 4. SAMF              | PLING DA                | TA                         |                                 | (2)                               |                                   |  |                   | Geo             | ochemical Analyses                    |
| Method(s             | s): 🚨 Bail              | ler, Size:<br>rifugal Pump | <b>⊡</b> Peristalti             | Bladder Pump<br>ic Pump □ Ine     | 2" Sub. Purtial Lift Pump         | ımp □ 4" Sub.<br>G*Other: <b>3/</b> 9/ | Pump              | Feri            | rous Iron:/mg/L                       |
| Materials            | : Pump/Bailer           | ☐ Polyethy                 | lene <b>T</b> Stair             | nless 🗆 PVC                       | ☐ Teflon® □                       | Other:                                 |                   | DO:             | $\overline{}$                         |
|                      | : Tubing/Rope           | Dedicate                   |                                 | pared Off-Site                    |                                   |  | sable             |                 |                                       |
| iviatenais           | : I ubing/Rope          | ☐ Dedicate                 | ed D Prepa                      | red Off-Site                      | ☐ Field-Cleane                    | d Groisposat                           | ole               | Nitra           | ate:mg/L                              |
| Depth to             | Water at Time<br>インタタ そ | _1 ·                       |                                 |                                   |                                   | d? □ Yes (                             | <b>3</b> No →     | Sulf            | fate: mg/L                            |
| Sample II            | D: <b>`</b>             |                            | ate: //                         | Sample T                          | ime:/ 450                         | # of Contai                            |                   | Alka            | alinity: / mg/L                       |
| •                    | Sample Colle            |                            |                                 | ID:                               |                                   | # of Contai                            | <u> </u>          |                 |                                       |
| Equipmei             | nt Blank Collec         | cted? 🗆 Y                  | es 🖭 No                         | ID:                               |                                   | # of Contai                            | ners:             |                 |                                       |
| 5. COMN              | MENTS ,                 | oug @                      | dept v                          | he it was                         | ld se w                           | as from                                | ~                 |                 |                                       |
|                      |                         | 1                          | <u> </u>                        |                                   | 0                                 | U                                      |                   |                 |                                       |
| Make to all t        |                         |                            | •                               |                                   |                                   |  |                   |                 |                                       |
| vote: include c      | omments such a          | s well condit              | ion, odor, pre                  | sence of NAPL                     | , or other items                  | not on the field                       | data sheet.       | . /             |                                       |

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# 

#### **GROUNDWATER SAMPLING FIELD DATA SHEET**

|       | Cum. Gallons     | pН      | Temp  | Spec. Cond. | ORP                    | DO                        | Turbidity |             |            |
|-------|------------------|---------|-------|-------------|------------------------|---------------------------|-----------|-------------|------------|
| Time  | Removed<br>(gal) | ±0.1 su | ±2°C  |             | > of ±10% or<br>±20 mV | > of ±10% or<br>±0.2 mg/L | ≤ 10 NTU  | Water Level | Comments   |
| 725   | 0.1              | 7.53    | 14.90 | 0.328       | -11.2                  | 1.14                      | 28.2      | 13.88       | Clary      |
| 730   | 0.3              | 7.66    | 15.24 | 0.328       | -15.3                  | 0.90                      | 28.3      | 15.70       | <i>p</i> / |
| 1435  | 0.4              | 7.78    | 15.82 | 0.328       | -21.0                  | 0.61                      | 33.0      | 19.86       | <i>V</i>   |
| 1740  | 0.5              | 7.80    | 15.89 | 0.328       | -22.1                  | 0.55                      | 32.9      | 21.65       |            |
| 1745  | 0.6              | 7.83    | 15:91 | 0.328       | -23.3                  | 0.52                      | 32.4      | 23.29       | 71         |
| 1750  | Saglel -         |         |       |             |                        |                           |           |             | >          |
| 1755  |                  |         |       |             |                        |                           |           |             |            |
| 1800  |                  |         |       |             |                        |                           |           |             |            |
| 1805  |                  |         |       |             |                        |                           |           |             |            |
| 186   |                  |         |       |             |                        | -                         |           |             |            |
| 1815  |                  |         |       |             |                        |                           |           |             |            |
| ."    |                  |         |       |             |                        |                           |           |             |            |
|       |                  |         |       |             | Г                      |                           |           |             |            |
| (91)  |                  | į       |       |             |                        |                           |           |             |            |
| 3 300 |                  |         |       |             | ,                      |                           |           |             |            |
|       |                  |         |       |             |                        |                           |           |             |            |
| 4     |                  |         |       |             |                        |                           |           |             |            |
|       |                  |         |       | ı           |                        |                           |           |             |            |
|       |                  |         |       |             |                        |                           |           |             |            |
|       |                  |         |       |             |                        | ,                         |           |             |            |
|       |                  |         |       |             |                        |                           |           |             |            |
|       |                  |         |       |             |                        | -                         |           | •           |            |
|       |                  |         |       |             |                        |                           |           |             | 11         |
|       |                  |         |       |             |                        |                           |           |             |            |
|       |                  |         |       |             |                        |                           |           |             |            |
|       |                  |         |       |             |                        |                           |           |             |            |
|       |                  | ,       |       |             |                        |                           |           |             |            |
|       |                  |         |       |             |                        | 1                         |           |             |            |

Purge data continued on next sheet?  $\ \square$ 

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# **GROUNDWATER SAMPLING FIELD DATA SHEET**

WELL ID: MW-38 Zone 2

| 1 PRC  | JECT INF  | OBMA  | TION  |  |  |  |  |  |   |  |
|--|---|---|---|--|--|--|--|--|---|--|
|  | Number: <u>13</u>   |   |   | mhor: 200 0  | 101  |  |  |  |   |  |
| Client:  | Owens Cor   |   |   |  |  |  |  | •  |   |  |
| 4  |   |   |   |  |  | Personnel: 39°F  Weather: # Sumy/Clean   |  |  |   |  |
| 2 WEI  | LDATA   | 1 1 1 1 1   | Data M  |  | (50.5 to )   | _ vveatrier  | W 30071  | TICIE  |   |  |
| Casina   | Diameter  | 1.65  | Date-IVI  | easured: _   |  | _ Time:  | 437  | Tem  | porary Well: □Yes □No                       |  |
|  | Diameter:   |   |   | Type: Dar  | VC U Stainles  | ss 🛘 Galv. Ste   | el 🗆 Teflon®   | Other:   | - 1 <del>21</del> - 1250                    |  |
|  | epth of Well:_  |   |   | From: O  | C U Stainles   | S Galv. Stee   | el 🛚 Teflon®   | Other:   | = 0)350                                     |  |
| 1  | o Static Water  | A [ A ]   | _reet<br>feet   |  |  | ng (TOC)   |  |  | Other:                                      |  |
|  | o Otatic Water  | . I A   | _ieet<br>_feet  |  |  |  |  |  | Other:                                      |  |
|  | of Water Colur  |   |   |  |  | gal  |  |  | Other:                                      |  |
|  |   |   |   | Note: 1-in wel   | l = 0.041 gal/ft   | gaı<br><i>2-in well = 0.16</i>   | Screened I<br>S7 gal/ft 4-in v   | nterval (from<br>vell = 0.667 gai                | GS):<br>V/ft 6-in well = 1.469 gal/ft       |  |
| 3. PUR   | GE DATA   |   | Date Pu   | rand: 11   | 10 10  | Ti   | 2011   |  | Equipment Model(s)                          |  |
| Purge N  | Method: ☐ Ba  | ailer, Size: _<br>trifugal Pum  | np 🗆 Perista  | ☐ Bladder Pum  | p 🗆 2" Sub. P  | ump 0 4" Sub   | ). Pump  | 1  | (s; 556                                     |  |
| Materia  | ls: Pump/Baile  | r 🗀 Polyeti   | nviene ⊔ Sta  | ainless 🗆 PVC  | ☐ Teflon® 1  | 7 Other:   | -  |  | og-15CE                                     |  |
|  |   | in Dedica   | ited 🔲 P  | repared Off-Site   | □ Field-Clea   | aned Dispo   | sable  |  | -   |  |
| Material   | s: Rope/Tubin   | Dedica  | ited 🗆 Prep   | oared Off-Site   | ☐ Field-Cleane   | /lon Other:_ed Disposa   | ble  |  |   |  |
|  | to Purge (mini  | mum):   | well v  | volumes or   |  | gallons  |  | 4  |   |  |
| Was we   | Il purged dry?  | ☐ Yes   | _   |  | te:  | gal/min  | <del></del> _  |  | Calibrated? <b>A</b> Yes □                  |  |
| Time   | Cum. Gallons<br>Removed   | pH  | Temp  | Spec. Cond.  |  | DO   | Turbidity  |  |   |  |
| <del></del>  | (gal)   | ±0.1 su   | ±2°C  | > 01 ±3% 01<br>±10 µS/cm   | > of ±10% or<br>±20 mV   | > of ±10% or<br>±0.2 mg/L  | ≤ 10 NTU   | Water Level                                      | Comments                                    |  |
| i  | l 🔺   | 1   | 1   | 10.  | 7 -  |  |  |  |   |  |
| 0905   | 0   | 8.01  | 14.39   | 138  | 7.9  | 3.96   | 0.22   | 1 N4   | (Actesim)                                   |  |
| 0905   | 2.0   | 1.0   |   |  | -91.3  | 2.23   | 0.13   | 1 N4   | (Adesim)                                    |  |
|  |   | 1.0   |   | 145  | -97.3  | 2.23   | 0.13   | / N4   | (Adesim)                                    |  |
| 0910   | 2.0   | 7.99  | 16.67   | 144  | -97.3<br>-116.8  |  | 0.09   | / N4   | (Adesim)                                    |  |
| 0915   | 2.0   | 7.99<br>8.00<br>8.04  | 16.40   | 144<br>144   | -97.3  | 2.23<br>1.84<br>1.64   | 0.09   | N4   | (Adesim)                                    |  |
| 0915<br>0915<br>0920<br>0925   | 2.0<br>4.0<br>6.0<br>8.0  | 7.99<br>8.00<br>8.04<br>9.04  | 16.67   | 144<br>144   | -97.3<br>-116.8<br>-1320   | 2.23   | 0.09   |  | a continued on next sheet?                  |  |
| 0915<br>0915<br>0920<br>0925   | 2.0<br>4.0<br>6.0   | 7.99<br>8.00<br>8.04<br>9.04  | 16.40   | 144<br>144<br>144  | -97.3<br>-116.8<br>-1320<br>-139.2   | 2.23<br>1.84<br>1.64<br>1.58   | 0.09   | Purge data                                       | a continued on next sheet?                  |  |
| 0915<br>0915<br>0920<br>0925   | 2.0<br>4.0<br>6.0<br>8.0  | 7.99<br>8.00<br>8.04<br>4.04<br>TA  | 16.40   | 144<br>144<br>144  | -97.3<br>-116.8<br>-1320<br>-139.2   | 2.23<br>1.84<br>1.64<br>1.58   | 0.13<br>0.09<br>0.07<br>0.03   | Purge data                                       | nemical Analyses                            |  |
| 0915<br>0925<br>0925<br>4. SAMF  | 2.0<br>4.0<br>8.0<br>PLING DA   | S.00 S.04 C.04 TA er, Size: fugal Pump Polyethyl  | 16.32<br>16.33  | H4<br>144<br>144<br>144<br>Pladder Pump<br>ic Pump in iner   | -971.3 -116.8 -132.0 -139.2  | 2.23<br>1.84<br>1.64<br>1.58   | 0.13<br>0.09<br>0.07<br>0.03   | Purge data  Geoch  Ferrou                        | nemical Analyses                            |  |
| 0915<br>0925<br>0925<br>4. SAMF<br>Method(s                                | 2.0<br>4.0<br>8.0<br>PLING DA   | S.00 S.04 C.04 TA er, Size: fugal Pump Polyethyl Dedicate Polyethyl   |   | H4  144  144  Bladder Pump ic Pump iner inless PVC (pared Off-Site   | -91.3 -16.8 -132.0 -139.2 -139.2 -139.2 -139.2 -139.2  | 2.23 1.64 1.58  np   | 0.13<br>0.09<br>0.07<br>0.03   | Purge data                                       | nemical Analyses us Irdn: mg/L mg/L         |  |
| 0915 0925 4. SAMF Method(s Materials Depth to                              | 2.0 Y.0 S.0 PLING DA Centri Pump/Bailer Tubing/Rope Water at Time   | S.00 S.04 C.04 TA er, Size: fugal Pump Polyethyl Dedicate Polyethyl Dedicate Spolyethyl Speciate Of Samplir   | C.40<br>  C.32<br>  C.32<br>  Peristalti<br>  Prepared    | Bladder Pump C Pump Iner Inless PVC (pared Off-Site Dropylene Tred Off-Site Dropylene Tred Off-Site Dropylene Tred Off-Site Dropylene Tred Off-Site Dropylene Tred Off-Site Dropylene Tred Off-Site Dropylene Tred Off-Site Dropylene Tred Off-Site Dropylene Tred Off-Site Dropylene Tred Off-Site Dropylene Tred Off-Site Dropylene  | -974.3 -116.8 -132.0 -139.2  2" Sub. Purtial Lift Pump [ Field-Cleaned Field-Cleaned Field Filtered  | 1.58  1.58  1.58  1.58  Other: Graved Disposable  Other: Disposable  | 0.13<br>0.09<br>0.07<br>0.03   | Purge data Geoch Ferrou                          | nemical Analyses  Is Irdn: mg/L  mg/L  mg/L |  |
| 0915 0925 4. SAMF Method(s Materials Depth to                              | 2.0 Y.0 S.0 PLING DA Centri Pump/Bailer Tubing/Rope Water at Time   | S.00 S.04 C.04 TA er, Size: fugal Pump Polyethyl Dedicate Polyethyl Dedicate Spolyethyl Speciate Of Samplir   |   | Bladder Pump C Pump Iner Inless PVC (pared Off-Site Dropylene Tred Off-Site Dropylene Tred Off-Site Dropylene Tred Off-Site Dropylene Tred Off-Site Dropylene Tred Off-Site Dropylene Tred Off-Site Dropylene Tred Off-Site Dropylene Tred Off-Site Dropylene Tred Off-Site Dropylene Tred Off-Site Dropylene Tred Off-Site Dropylene  | -974.3 -116.8 -132.0 -139.2  2" Sub. Purtial Lift Pump [ Field-Cleaned Field-Cleaned Field Filtered  | 2.2-3  1.64  1.58  1.58  Other: Other | 0.13<br>0.09<br>0.07<br>0.03   | Purge data  Geoch  Ferrou  DO:  Nitrate  Sulfate | mg/L mg/L mg/L mg/L                         |  |
| 0915 0925 4. SAMF Method(s Materials Materials Depth to                    | 2.0 4.0 6.0 8.0 PLING DA Centri Pump/Bailer Tubing/Rope   | S.00 S.04 C.04 TA er, Size: fugal Pump Polyethyl Dedicate Polyethyl Dedicate Specificate of Samplir Sample Da | C. 40<br>  C. 40<br>  C. 32<br>  Peristalti<br>  Prepaired   Pre    | Bladder Pump C Pump Iner Inless PVC (pared Off-Site Dropylene Tred Off-Site Dropylene Tred Off-Site Dropylene Tred Off-Site Dropylene Tred Off-Site Dropylene Tred Off-Site Dropylene Tred Off-Site Dropylene Tred Off-Site Dropylene Tred Off-Site Dropylene Tred Off-Site Dropylene Tred Off-Site Dropylene Tred Off-Site Dropylene  | -974.3 -116.8 -132.0 -139.2  2" Sub. Purtial Lift Pump [ Field-Cleaned Field-Cleaned Field Filtered  | 1.58  1.58  1.58  1.58  Other: Graved Disposable  Other: Disposable  | 0.13<br>0.09<br>0.07<br>0.03   | Purge data Geoch Ferrou DO: Nitrate              | mg/L mg/L mg/L mg/L                         |  |
| 0915 0925 4. SAMF Method(s Materials Depth to Sample for                   | 2.0 4.0 6.0 8.0 PLING DA Centri Pump/Bailer Tubing/Rope Water at Time   | S.00 S.04 C.04 TA er, Size: fugal Pump Dedicate Polyethyl Dedicate of Samplir Sample Da cted?                 | C.40<br>  C.32<br>  C.33<br>  Penstalti<br>  Penstalti<br>  Prepared | Bladder Pump c Pump Iner Inless PVC (pared Off-Site Dropylene Tred Off-Site Dropylene Tred Off-Site Dropylene Tred Off-Site Dropylene Tred Off-Site Dropylene Tred Off-Site Dropylene Tred Off-Site Dropylene Tred Off-Site Dropylene Dropyl | -974.3 -116.8 -132.0 -139.2  2" Sub. Purtial Lift Pump [ Field-Cleaned Field-Cleaned Field Filtered  | 2.23 1.64 1.58  Other: Other: Other: Disposable P Use of Contain # of Contain  | 0.03<br>0.07<br>0.07<br>0.03<br>0.03   | Purge data  Geoch  Ferrou  DO:  Nitrate  Sulfate | mg/L mg/L mg/L mg/L                         |  |
| 0915 0925 4. SAMF Method(s Materials Depth to Sample for                   | 2.0 4.0 6.0 Cling DA b): Bailer Centri Pump/Bailer Tubing/Rope Water at Time 4-29 77 2 Sample Collect at Blank Collect      | S.00 S.04 C.04 TA er, Size: fugal Pump Dedicate Polyethyl Dedicate of Samplir Sample Da cted?                 | C.40<br>  C.32<br>  C.33<br>  Penstalti<br>  Penstalti<br>  Prepared | Bladder Pump IC Pump Iner Inless PVC (pared Off-Site Incred Off-Site Incred Off-Site Incred Off-Site Incred Off-Site Incred Off-Site Incred Off-Site Incred Off-Site Incred Off-Site Incred Off-Site Incred Off-Site Incred  | -974.3 -116.8 -132.0 -139.2  2" Sub. Purtial Lift Pump [ Field-Cleaned Field-Cleaned Field Filtered  | 2.2-3  1.64  1.58  1.58  Other: Other: Other: Disposable  P O Yes  # of Contain  # of Contain  | 0.03<br>0.07<br>0.07<br>0.03<br>0.03   | Purge data  Geoch  Ferrou  DO:  Nitrate  Sulfate | mg/L mg/L mg/L mg/L                         |  |
| 0915 0925 4. SAMF Method(s Materials Depth to Sample II Duplicate Equipmer | 2.0 4.0 6.0 Cling DA b): Bailer Centri Pump/Bailer Tubing/Rope Water at Time 4-29 77 2 Sample Collect at Blank Collect      | S.00 S.04 C.04 TA er, Size: fugal Pump Dedicate Polyethyl Dedicate of Samplir Sample Da cted?                 | C.40<br>  C.32<br>  C.33<br>  Penstalti<br>  Penstalti<br>  Prepared | Bladder Pump IC Pump Iner Inless PVC (pared Off-Site Incred Off-Site Incred Off-Site Incred Off-Site Incred Off-Site Incred Off-Site Incred Off-Site Incred Off-Site Incred Off-Site Incred Off-Site Incred Off-Site Incred  | -974.3 -116.8 -132.0 -139.2  2" Sub. Purtial Lift Pump [ Field-Cleaned Field-Cleaned Field Filtered  | 2.2-3  1.64  1.58  1.58  Other: Other: Other: Disposable  P O Yes  # of Contain  # of Contain  | 0.03<br>0.07<br>0.07<br>0.03<br>0.03   | Purge data  Geoch  Ferrou  DO:  Nitrate  Sulfate | mg/L mg/L mg/L mg/L                         |  |
| 0915 0925 4. SAMF Method(s Materials Depth to Sample II Duplicate Equipmer | 2.0 4.0 6.0 CLING DA c): Bailer Centri : Pump/Bailer : Tubing/Rope Water at Time y-29 7 7 2 Sample Collect at Blank Collect | S.00 S.04 C.04 TA er, Size:fugal Pump Dedicate Polyethyl Dedicate of Samplir Sample Da cted? U Y              | C.40<br>  C.32<br>  C.33<br>  Peristalti<br>  Prepared    | Bladder Pump C Pump   Iner Cless   PVC   Cleared Off-Site   Cleared Of | -971.3 -116.8 -132.0 -139.2 -1 | 2.23 1.64 1.58  I.58  Other:   | 0.13<br>0.09<br>0.07<br>0.03<br>0.03<br>0.03<br>0.03<br>0.03<br>0.03<br>0.03 | Purge data  Geoch  Ferrou  DO:  Nitrate  Sulfate | mg/L mg/L mg/L mg/L                         |  |
| 0915 0925 4. SAMF Method(s Materials Depth to Sample II Duplicate Equipmer | 2.0 4.0 6.0 Cling DA b): Bailer Centri Pump/Bailer Tubing/Rope Water at Time 4-29 77 2 Sample Collect at Blank Collect      | S.00 S.04 C.04 TA er, Size:fugal Pump Dedicate Polyethyl Dedicate of Samplir Sample Da cted? U Y              | C.40<br>  C.32<br>  C.33<br>  Peristalti<br>  Prepared    | Bladder Pump C Pump   Iner Cless   PVC   Cleared Off-Site   Cleared Of | -971.3 -116.8 -132.0 -139.2 -1 | 2.23 1.64 1.58  I.58  Other:   | 0.13<br>0.09<br>0.07<br>0.03<br>0.03<br>0.03<br>0.03<br>0.03<br>0.03<br>0.03 | Purge data  Geoch  Ferrou  DO:  Nitrate  Sulfate | mg/L mg/L mg/L mg/L                         |  |



| WELL ID. | MW-38 Zone 2    |
|----------|-----------------|
| WELL ID: | 10100-30 ZOHE Z |

|                   | GE DATA Cum. Gallons | pH         | ued from | Spec. Cond.                | ORP  | DO                                    | Turbidity                             |  |             |
|-------------------|----------------------|------------|----------|----------------------------|--|---------------------------------------|---------------------------------------|--|-------------|
| Time              | Domoved              | 7          | T to     | > of ±3% or<br>- ±10 µS/cm | > of ±10% or<br>±20 mV   | > of ±10% or<br>±0.2 mg/L             | ≤ 10 NTU                              | Water Level                                      | Comments    |
| 1930              | 10                   | 8.04       | 16.40    | 144                        | -141.8   | 1,5%                                  | 0.                                    | NA   |             |
| 935               | 12.                  |            |          |                            |  |                                       |                                       |  |             |
| 940               |                      |            |          |                            |  |                                       |                                       |  |             |
| 999               |                      |            |          |                            |  |                                       |                                       | e di   |             |
| 9 <b>93</b> 0     |                      |            |          |                            |  |                                       |                                       |  |             |
|                   |                      |            |          |                            |  |                                       |                                       |  |             |
| <u></u>           |                      |            | 374      | Circ                       | 0)14   | 1).                                   |                                       |  |             |
| -                 |                      |            |          |                            | -  |                                       |                                       |  |             |
| 7                 | 33:- TV)             |            | ļ        |                            | <del> </del>   |                                       |                                       | <del> </del>                                     |             |
|                   |                      | <u> </u>   |          | . 9:                       |  |                                       |                                       |  |             |
| · ·               |                      | -          |          |                            |  |                                       | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ |  |             |
| ,                 |                      |            | <u> </u> |                            |  |                                       | - × Y                                 | <del>                                     </del> |             |
|                   |                      |            |          |                            |  |                                       |                                       |  |             |
| · ):<br>. [2]/4[] | 27554                | Man, and a | 33,0     | U!'-                       |  | 33.                                   | 74.7                                  | 10.8   | 1. 1.012.   |
|                   |                      |            | 21.59    |                            |  | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | (* 1, 1 2) i                          |  | Cr. 7. 0475 |
| 99                |                      |            | (%0.0)   | 138.1                      | 5.517  | 10 A 1 10 E                           | ٠.٠٠                                  | 3C-87  | an erro     |
| **                |                      |            | -F & O   | ij Sie                     | C  | 7.07 1                                | 10.01                                 |  | 0.0 0119    |
|                   |                      | -          | 50.00    | 30.1 • 4                   |  | The same of the same of               | स्ट.चा                                | . t. • 2   | 7.47 6.49   |
|                   |                      | +          |          |                            |  |                                       |                                       |  |             |
|                   |                      |            | - A- E   | NOO N                      | JF.  |                                       |                                       |  |             |
| <u> </u>          |                      |            |          | O 175-3                    |  |                                       |                                       |  |             |
| ·                 |                      |            |          |                            |  |                                       |                                       |  |             |
|                   |                      |            |          |                            | 11 g   |                                       |                                       | ξ.   | 10 4 C 3 W  |
|                   |                      |            |          |                            | The state of the s | 1                                     |                                       |  |             |
|                   |                      |            |          |                            |  |                                       | , in the second                       |  |             |
| .19               |                      |            |          |                            |  |                                       | ,                                     |  |             |
|                   |                      |            |          |                            |  |                                       |                                       |  |             |

Signature

Page \_\_\_\_ of \_\_\_

FORM GW-2 (Rev 25.Sept.08 - sej)

# **GROUNDWATER SAMPLING FIELD DATA SHEET**

WELL ID: MW-39 Zone 1

|                                    | OJECT IN                       | FORM                              |                                     |                               |                              |                                  |               |                |  |
|------------------------------------|--------------------------------|-----------------------------------|-------------------------------------|-------------------------------|------------------------------|----------------------------------|---------------|----------------|--|
|                                    |                                |                                   |                                     | ba.:: 000                     | 004                          | 1                                |               |                |  |
| Client                             | :_Owens Co                     | ornina                            | rask Nu                             | ımber: <u>200</u>             | .001                         | Area of Co                       | oncern:       |                |  |
| Projec                             | t Location: A                  | nderson,                          | OGGIII O                            | aronna                        |                              | Weather:                         |               |                |  |
| 2. WE                              | LL DATA                        | 3393A                             | Date                                | Accourage                     | 18 00 160                    |                                  |               |                |  |
| Casing                             | g Diameter:                    | 99.W.                             | noboo                               | Tynosia                       | BYO BOOK                     | I ime: <u>/</u>                  | 5:44          | тте            | mporary Well: □Yes • • • • • • • • • • • • • • • • • • • |
| Screen                             | n Diameter:                    | 1 ii                              | nches                               | à                             | EAC mi Staini                | ess 🗆 Gafv. Şt                   | eel Teflond   | D □ Other      | <del>- (%, 6)</del> - <b>(%</b> )                        |
| Total [                            | n Diameter:<br>Depth of Well:_ | 105                               | foot                                | From: Im                      | Top of W-110                 | ess □,Galv. St                   | eel 🗆 Teflon@ | Other:         | The street   |
|                                    | to Static Wate                 |                                   | _feet<br>_feet                      | From: 14                      | Top of Wall Ca               | sing (TOC)                       | Top of Protec | tive Casing    | Other:   |
| Depth                              | to Product:                    | 10 m                              | _ieet                               | From: 'th                     | Top of Well Cas              | sing (TOC)                       | Top of Protec | tive Casing    | Other:   |
|                                    | of Water Colu                  |                                   |                                     | -37                           | Sob or Mail Cas              | sing (TQC)                       | Top of Protec | tive Casing    | □ Other:   |
|                                    |                                |                                   |                                     | Note: 1-in w                  | ne:<br>ell = 0.041 gal/fi    | gal<br>2-in well = 0.1           | Screened      | Interval (from | m GS):   |
| . PUR                              | GE DATA                        | \                                 | Date Pu                             | irand: 70.                    | NBV. 10                      | ÷ 00                             |               | Well = 0.007 g | 917  |
| Purge I                            | Method: ☐ B                    | ailer, Size: _<br>ntrifugal Pun   | nn 🗇 Poriet                         | Bladder Pur                   | np 🛘 2" Sub.                 | 11116. <u>00</u><br>Pump □ 4"_Sy | b. Pump       |                | Equipment Model(s)                                       |
| Materia                            | ls: Pump/Baile                 | U Polvet                          | hvlene 🗷 St                         | ainless 🗇 PV/                 | C Toffer®                    | D 0"                             |               |                |  |
|                                    |                                | - Dedica                          | ated LIF                            | repared Off-Si                | te 🗷 Field-Cle               | eaned Disp                       | osable        |                | DRT ISCE   |
|                                    | ls: Rope/Tubin                 | - 500.00                          | rica a Liel                         | oared Off-Site                | ☐ Field-Clean                | Nylon □ Other:<br>ned □ Disposa  | able          |                | Herr Dippel  |
| Volume                             | to Purge (mini                 | imum):                            | well                                | volumes or _                  |                              | gallons                          | udic          | 4. <u>6</u>    | RED MP-li  |
| Was we                             | ll purged dry?                 | ☐ Yes                             | □ No                                | Pumping R                     |                              | gal/min                          |               |                | Calibrated? <b>⊈</b> Yes □                               |
| Time                               | Cum. Gallons<br>Removed        | pH                                | Temp                                | Spec. Cond                    | J                            | DO                               | Turbidity     |                |  |
|                                    | (gal)                          | ±0.1 su                           | ±2°C                                | > of ±3% or<br>±10 µS/cm      | > of ±10% o<br>±20 mV        | r > of ±10% or<br>±0.2 mg/L      | ≤ 10 NTU      | Water Leve     | Comments   |
| 323                                | Hot                            |                                   |                                     |                               |                              |                                  |               | 19.61          |  |
| 835                                | YSTRU                          | 8.14                              | 14.35                               | 0.496                         | -37.1                        | 3.71                             | _             | 19.92          | Cloudy   |
| 845                                | 6.1                            | 8.96                              | 15.08                               | 6.548                         | -47.0                        | 2.03                             | 60.6          | 19.87          | 9  |
| 855                                | 0.25                           | 8.74                              | 15.47                               | 0.315                         | -4c.6                        | 2.11                             |               |                |  |
| 105                                | 0.35                           | 8.00                              | 15.92                               | 0.241                         | -38.8                        | 292                              |               |                |  |
|                                    |                                |                                   |                                     |                               |                              | 412                              |               |                |  |
| 3AMF                               | LING DA                        | TA                                |                                     |                               |                              |                                  |               |                | a continued on next sheet?                               |
| fethod(s                           | ): 🔲 Baile                     | er, Size:                         | <b>£</b>                            | Bladder Pump                  | □ 2" Sub. Pur                |                                  | Pump          | •              | nemical Analyses   |
| laterials                          | : Pump/Bailer                  | <ul> <li>Polyethyle</li> </ul>    | ene 🕇 Stain                         | less DPVC                     | ⊓ Teflon® □                  | Other:                           |               | Ferrou         | us Iron: mg/L  |
|                                    |                                | - Dedicated                       | n n stek                            | pared Off-Site                | Field-Clean                  | ed D Disnosa                     | able          | DO:            | mg/L   |
| iateriais:                         | Tubing/Rope                    | - Dedicatet                       | u Frepan                            | ropylene □ T<br>ed Off-Site □ | eflon® Mylo<br>Field-Cleaned | Other:                           |               | Nitrate        | : mg/L   |
|                                    |                                |                                   |                                     |                               | Field Filtered               |                                  |               | Sulfate        | Λ  |
|                                    | Vater at Time                  | of Samplin                        | g:                                  | <u>c.</u>                     |                              |                                  | · · · ·       |                |  |
| ample i                            | 10-39 ZI                       | Sample Dat                        | 20NW.                               | 0                             | me: <b>1000</b>              | # of Contain                     | ers:2         | Alkalin        |  |
| ample II<br>uplicate               | Sample Collec                  | Sample Dat<br>ted?□ Ye            | <b>10NW./</b><br>es <b>&amp;</b> No | 0                             |                              | # of Contain                     |               | Alkalin        |  |
| ample II<br>uplicate               | 10-39 ZI                       | Sample Dat<br>ted?□ Ye            | <b>10NW./</b><br>es <b>&amp;</b> No | Sample Ti                     |                              | o. oontan                        | ers:          | Alkalin        |  |
| Sample (E<br>Ouplicate<br>Equipmen | Sample Collect                 | Sample Dat<br>ted?□ Ye            | es V No                             | Sample Ti                     |                              | # of Contain                     | ers:          | Alkalin        |  |
| Sample (E<br>Duplicate<br>Equipmen | Sample Collec                  | Sample Dat<br>ted?□ Ye            | <b>10NW./</b><br>es <b>&amp;</b> No | Sample Ti                     |                              | # of Contain                     | ers:          | Alkalin        |  |
| Sample (C<br>Duplicate<br>Equipmen | Sample Collect t Blank Collect | Sample Dat<br>ted?□ Ye<br>ed?□ Ye | es of No                            | Sample Ti                     | me: 10000                    | # of Containe                    | ers:          | Alkalin        |  |
| Sample (Couplicate Squipmen        | Sample Collect t Blank Collect | Sample Dat<br>ted?□ Ye<br>ed?□ Ye | es of No                            | Sample Ti                     | me: 10000                    | # of Containe                    | ers:          | Alkalin        |  |
| ample (contract)  quipmen          | Sample Collect                 | Sample Dat<br>ted?□ Ye<br>ed?□ Ye | es of No                            | Sample Ti                     | me: 10000                    | # of Containe                    | ers:          | Alkalin        |  |

# GROUNDWATER SAMPLING FIELD DATA SHEET

| WELL ID: MW-39 Zone 1 |  |
|-----------------------|--|
|-----------------------|--|

| PURC      |                                  | pH        | ued from          | Spec. Cond.              | ORP                    | DO   | Turbidity                             |   | Comments      |
|-----------|----------------------------------|-----------|-------------------|--------------------------|------------------------|--|---------------------------------------|---|---------------|
| Time      | Cum. Gallons<br>Removed<br>(gal) | ±0.1 su   | ±2°C              | > of ±3% or<br>±10 µS/cm | > of ±10% or<br>±20 mV | > of ±10% or<br>±0.2 mg/L  | ≤ 10 NTU                              | Water Level                                   |               |
| 315       | 0.45                             | 715       | 16.384            | :0.161                   | -285                   |  | 22.4                                  | 19.90   |               |
| 25        | 0.60                             | 7.01      | 16.63             | 0.136                    | -31.6                  | 3.79   | 14.8                                  | 19.88   |               |
| 135       | 0.70                             | 6.88      | 16.62             | 0.123                    | - 27.8                 | 3:91   | 13.6                                  | 19.89   |               |
| 945       | 0.85                             | 6.80      | 16.64             | 0.117                    | -24.0                  | 4,01   | 864                                   | 19,87   |               |
| 985       | 1.0                              | 6.77      | 16.75             | 0.115                    | -25.1                  | 3.98   | 7.68                                  | 19.90   |               |
| 905       | 1000                             | Sand      |                   |                          |                        |  |                                       |   |               |
| 013       |                                  | 1         | ł                 | 125                      | 1.10                   | 70.0°  | - 1                                   |   |               |
| 5434      | 755 25%                          | 1         |                   | w\\.                     |                        |  |                                       |   |               |
| 3         | ेश अ                             |           |                   |                          | N.,                    |  | 4                                     | <u> </u>                                      |               |
| 1         | 1                                | 1         |                   |                          | ** <b>4</b>            |  |                                       | •   |               |
|           | 300                              |           |                   |                          |                        |  |                                       |   |               |
|           |                                  |           |                   |                          |                        |  |                                       |   |               |
|           | Tii                              | -         |                   |                          |                        |  |                                       |   |               |
|           | -                                |           |                   | . 1                      |                        |  |                                       |   |               |
|           |                                  | 3 5 9 9 1 |                   |                          |                        | and the second   | 3014                                  | natura di di di di di di di di di di di di di | 13 74 - 253 C |
|           | المعادي                          |           |                   |                          |                        | 439345   | (C. (1)                               | 77.0  | 5.300         |
|           |                                  | 1000      | <b>c</b> ) Jak    |                          |                        | 210.   |                                       | () - آلف<br>ت                                 | 200           |
|           |                                  |           |                   | 11.3                     |                        |  | · .                                   | - C   | 20 200        |
|           |                                  |           |                   |                          | 3 32                   | 1, 100 to | · · · · · · · · · · · · · · · · · · · | 10.3  |               |
|           |                                  |           |                   |                          |                        |  |                                       |   |               |
|           |                                  |           |                   | 16. 1020                 |                        |  |                                       | -   |               |
| <u> </u>  |                                  |           |                   | · · · > · ?              |                        |  |                                       |   |               |
|           |                                  |           |                   |                          |                        | •  |                                       | <b>-</b> ->                                   |               |
|           |                                  |           |                   |                          |                        |  |                                       |   | . 12          |
|           | /                                |           | 3                 | `4                       | <b>4</b> 050           |  | N. W. Cart                            | 1-  | Kiria =       |
| •         |                                  |           | the analysis to a |                          |                        | •  |                                       |   |               |
|           |                                  |           | · · Poly          |                          |                        |  | ^ <b>•</b>                            |   |               |
| <b></b> - |                                  |           | -                 |                          |                        |  | 1-001-                                | · 60 00                                       |               |

Signature

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### GROUNDWATER SAMPLING FIELD DATA SHEET

WELL ID: MW-39 Zone 2

| 1 PPO           | JECT INF                       |                          | TION                             |                                   |                                 | <del> </del>                          |                |                 |                               |
|-----------------|--------------------------------|--------------------------|----------------------------------|-----------------------------------|---------------------------------|---------------------------------------|----------------|-----------------|-------------------------------|
|                 |                                |                          |                                  |                                   | 04                              | 1                                     |                |                 |                               |
| •               | Number: <u>13</u><br>Owens Cor |                          |                                  |                                   |                                 | Area of Con<br>Personnel:_            |                |                 |                               |
|                 | Location: An                   |                          |                                  | rolina                            |                                 | _ Personnel:_<br>_ Weather: <b>^</b>  |                | 1               |                               |
|                 |                                | <del></del>              |                                  |                                   |                                 |                                       |                |                 |                               |
|                 | L DATA                         |                          |                                  | easured: [5                       |                                 |                                       |                | Tem             | porary Well: 🗆 Yes 🖪 No       |
|                 | Diameter:                      |                          |                                  |                                   |                                 | s 🛭 Galv. Stee                        | el 🖸 Teflon®   | Other:          |                               |
|                 | Diameter:                      |                          |                                  |                                   |                                 | s 🗖 Galv. Stee                        |                |                 |                               |
|                 | pth of Well:                   |                          | _feet                            |                                   |                                 |                                       |                |                 | Other:                        |
|                 | Static Water:                  |                          | _feet                            |                                   |                                 |                                       |                |                 | Other:                        |
|                 | Product:                       | _                        | _                                |                                   |                                 |                                       | Top of Protect | ive Casing □    | Other:                        |
| Length o        | f Water Colur                  | nn:                      | _feet                            | Well Volume                       | 9:                              | _ gal                                 | Screened       | Interval (from  | GS):                          |
| 2 DI ID         | E DATA                         |                          | D-1- D                           |                                   |                                 |                                       |                | well = 0.667 ga | l/ft 6-in well = 1.469 gal/ft |
|                 |                                |                          | Date Pu                          | rged: 201                         | 2 0 2" Sub Pi                   | Time: <u>/6</u>                       | 40             |                 | Equipment Model(s)            |
| Purge M         | ethod: 🔲 Ba                    | trifugal Pum             | p 🛭 Perista                      | ltic Pump 🗖 In                    | ertial Lift Pump                | Other: 3/                             | Y / /          | 1               |                               |
| Materials       | s: Pump/Bailer                 | ☐ Polyeth☐ Dedica        | iylene <b>22</b> ′Sta<br>ted □ P | ainless 🗆 PVC<br>repared Off-Site | ☐ Teflon® ☐ Field-Clea          | Other:                                | sable          | 2. <u>V</u>     | RT-15CE                       |
| Materials       | : Rope/Tubing                  | Polyeth                  | vlene 🗆 Po                       | lypropylene D                     | Tefloo® F No                    | lon Cl Other                          |                | з. <u>И</u>     | leven Olppe-1                 |
| Volume t        | o Purae /mini                  |                          |                                  | pared Off-Site                    |                                 | •                                     | ble            | 4. <u>&amp;</u> | ED MF-10                      |
|                 | o Purge (minido)  purged dry?  | Yes                      |                                  | Pumping Ra                        |                                 | _                                     |                |                 | Calibrated? d Yes □           |
| 1145 1161       | Cum. Gallons                   | pН                       | Temp                             | Spec. Cond.                       | ORP                             | gal/min<br>DO                         | Turbidity      | Ţ               | - Canonated: Gives G          |
| Time            | Removed                        | ±0.1 su                  | ±2°C                             | <u> </u>                          | > of ±10% or                    |                                       |                | Water Level     | Comments                      |
| land            | (gal)                          |                          |                                  | ±10 μS/cm                         | ±20 mV                          | ±0.2 mg/L                             | ≤ 10 NTU       | 2444            |                               |
| 1047            | Stor                           |                          |                                  |                                   |                                 |                                       |                | 27.33           | Mr h<br>Def-                  |
| 1104            | YSI Full                       | 7.73                     | 19.23                            | 0.630                             | -46.4                           | 210                                   |                | 31.50           | Clarky Gr                     |
| 1114            | 0.1                            | 7.59                     | 18.87                            | 0.631                             | - 34.9                          | 1.55                                  | 210            | 33.80           | 10                            |
| 1124            | 0.2                            | 7.57                     | 18.85                            | 0.631                             | -35.1                           | 1.31                                  | 215            | 35.78           | 11                            |
| 1134            | 0.35                           | 7.57                     | 18.76                            | 0.630                             | -34.4                           | 1.07                                  | 211            | 37.97           | 1/                            |
|                 |                                |                          |                                  |                                   |                                 |                                       |                |                 | a continued on next sheet?    |
| 4. SAMP         | LING DA                        | TA                       |                                  |                                   |                                 |                                       |                | Geoch           | nemical Analyses              |
| Method(s)       | ):                             | er, Size:<br>ifugal Pump | Peristalti                       | Bladder Pump<br>c Pump 🗖 Iner     | ☐ 2" Sub. Pun                   | np 🗆 4" Sub. I                        | Pump           |                 | us Iron:                      |
| Materials:      | Pump/Bailer                    |                          | ene 🛂 Stair                      | nless PVC (                       | ☐ Teflon® ☐                     | Other:                                |                | DO:             | mg/L                          |
| Materials:      | Tubing/Rope                    | <b>⊈</b> Polvethvi       | ene 🗆 Polvi                      | propylene [] T                    | eflon® P Nylo                   | •                                     | able           | Nitrate         | γ .                           |
| Depth to V      | Vater at Time                  |                          |                                  | red Off-Site □                    | Field-Cleaned<br>Field Filtered | Disposable                            |                | Sulfate         |                               |
| Sample I        | Vater at Time                  | Sample Da                |                                  |                                   |                                 | P □ Yes ☑<br># of Contain             | 1              | Alkalin         |                               |
| Duplicate       | Sample Collec                  | cted?□ Y                 | es 🗹 No                          | ID:                               |                                 | # of Contain                          |                | Allialli        | nity: mg/L                    |
| Equipmen        | t Blank Collec                 | ted? 🗹 Y                 | es 🗆 No                          | EB-1/20/0                         | @1020                           | # of Contain                          |                |                 |                               |
| . COMIV         | IENTS /                        | oury in                  | @~[                              | 5 /                               |                                 |                                       |                |                 |                               |
|                 |                                | 1                        |                                  | <del>-</del>                      |                                 |                                       |                |                 |                               |
|                 |                                |                          |                                  |                                   |                                 | · · · · · · · · · · · · · · · · · · · |                | -               |                               |
| ote: Include co | mments such as                 | s well conditi           | on, odor, pre                    | sence of NAPL,                    | or other items i                | not on the field o                    | lata sheet.    |                 |                               |
|                 |                                | OREC :                   |                                  |                                   |                                 |                                       | 1 4            | 1               |                               |

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Signature

## **GROUNDWATER SAMPLING FIELD DATA SHEET**

WELL ID: MW-39 Zone 2

|             | Cum. Gallons                             | рН             | ued from | Spec. Cond.                | ORP                    | DO                        | Turbidity                               |             |           |          |
|-------------|--|----------------|----------|----------------------------|------------------------|---------------------------|---|-------------|-----------|----------|
| Time        | Removed<br>(gal)                         | ±0.1 su        |          | > of ±3% or<br>-/±10 μS/cm | > of ±10% or<br>±20 mV | > of ±10% or<br>±0.2 mg/L | ≤ 10 NTU                                | Water Level | Cor       | mments   |
| <u>ા</u> પપ | 0.45                                     | 7.57           | 18:88    | 0.631                      | -34.77.00              | 70.92                     | 220                                     | 39.94       |           |          |
| 50          | Sayded                                   |                |          | -                          |                        | 3                         |   |             |           |          |
| 30          | l l                                      |                |          |                            |                        | `•                        |   |             |           |          |
|             |  |                |          |                            |                        |                           |   |             |           |          |
|             |  |                |          |                            |                        | ١.                        |   | 17.22       |           |          |
|             |  |                |          |                            | ,                      |                           |   |             |           |          |
|             | <u> </u>                                 |                |          |                            |                        |                           |   |             |           |          |
|             |  |                |          |                            |                        |                           |   |             |           |          |
|             |  |                | -075     | 13                         | 01.15                  | \$ 12°                    | ļ <u> </u>                              |             |           | <u> </u> |
| 37          | 255 202                                  |                | 85.4     |                            |                        |                           |   |             |           |          |
|             | 71-1900                                  |                |          |                            |                        |                           | 350                                     |             |           |          |
| h =         | 7 -com. C.                               | -              |          |                            | •                      |                           |   | 1-11        |           |          |
|             |  |                |          | - :-                       |                        |                           |   | -           |           |          |
| 12/20       |  |                |          |                            |                        |                           |   |             |           |          |
| 2           |  |                |          |                            |                        |                           |   |             |           |          |
|             |  |                | <u> </u> |                            |                        | <del> </del>              |   |             |           |          |
|             |  |                |          | -                          |                        |                           |   |             |           |          |
|             | بالم                                     | 22.23          |          |                            |                        | =                         |   | 200         | -4-16     | T. P.O.  |
|             | الجينية المر<br>أيوانية                  | 22.25<br>33.25 |          |                            |                        |                           |   |             | - A       |          |
| ·           | 1 (1 (1 (1 (1 (1 (1 (1 (1 (1 (1 (1 (1 (1 | 136.10         |          | 7 T                        | 7.2                    | 9.13                      | 84.11                                   | 13 mg       | 1.7 40;   | 1-011    |
|             |  | 1 COC.         | 000 t.   | 26.1                       | 2.5                    | 9.95<br>96.80 O           | 13.8                                    | 6           | 1.0       | 1.0      |
|             |  | -              |          | 3.1                        |                        | 16.65                     | C3. 63 1                                | 100.15      | 2.0       | 1 4 1    |
|             |  | 1.60           | 5,100    |                            |                        |                           | 3.00                                    |             |           |          |
|             | **                                       | 1.10           | 1 1 2 mg |                            | 7110                   | 22.10                     | 407.50                                  | 100 m       | े, ीर्    |          |
|             |  |                |          |                            |                        |                           |   |             |           |          |
|             |  |                |          |                            |                        |                           | ,                                       |             | <u> </u>  |          |
| •           |  |                | 36       | 37.8                       |                        |                           | ]                                       |             |           |          |
|             |  |                |          | 1                          | ×.                     |                           | ~ m.                                    |             |           |          |
|             |  | +              | -        | 1                          | 1 2                    |                           |   |             |           |          |
|             |  |                |          | *                          | <u> </u>               |                           |   |             |           |          |
| •           |  |                | 250      | •.                         | <u> </u>               | (3)                       | inca inc                                | 200         | P. 186.30 |          |
|             | 5  |                | - ~      |                            | Octi                   |                           |   |             |           |          |
|             |  |                |          |                            | 1.15 (C)               | 4011-183                  |   |             |           |          |
|             |  |                |          |                            |                        |                           |   |             |           |          |
|             |  |                | +        |                            |                        | بعر                       | * · · · · · · · · · · · · · · · · · · · | · elessi ·  | +         |          |

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### GROUNDWATER SAMPLING FIELD DATA SHEET

WELL ID: MW-39 Zone 3

|                 |                       |                          |                            |                                 |                                  |   |                |           | _           |                   |                       |              |
|-----------------|-----------------------|--------------------------|----------------------------|---------------------------------|----------------------------------|---|----------------|-----------|-------------|-------------------|-----------------------|--------------|
|                 | JECT INF              |                          |                            |                                 |                                  |   |                |           |             |                   |                       |              |
| 1               | Number: <u>138</u>    |                          |                            |                                 |                                  | Area of Cond                            | _              |           |             |                   |                       |              |
|                 | Owens Cor             |                          |                            |                                 |                                  | Personnel: JBM  Weather: ~ for F, Cler  |                |           |             |                   |                       |              |
|                 |                       |                          |                            |                                 |                                  |   |                |           |             |                   |                       |              |
| <b>2</b> . WEL  | L DATA                |                          | Date Me                    | easured: 1                      | S. NOV. 18                       | _Time: <u>'-/</u> \$                    | 45 .           | Vie de    | · Temp      | oorary W          | ∕ell: □Yes Œ <b>n</b> | lo           |
| Casing          | Diameter:             | <u>1 ਂ ੇਟ</u> in         | ches 📝                     | Type: ₽PV                       | 'C □ Stáinles                    | s 🛚 Galv: Stee                          | I □ Teflon®    | □ Ôth     | er:         |                   | <del>- '</del> '?.    |              |
| Screen          | Diameter:1            | lin                      | ches                       |                                 |                                  | s 🛚 Galv. Stee                          |                |           |             |                   |                       |              |
| Total De        | epth of Well:         | 300                      | _feet                      | From: 🗹 To                      | op of Well Casir                 | ng (TOC) 🔲 T                            | op of Protecti | ive Cas   | ng 🗖        | Other:_           | ارزج                  |              |
| Depth to        | Static Water:         | 38.84                    | _feet                      |                                 |                                  | ng (TOC) 🔲 T                            |                |           |             |                   |                       |              |
| Depth to        | Product:              |                          | _feet                      | From: 🗆 To                      | op of Well Casir                 | ng (TOC) 🔲 T                            | op of Protect  | ive Cas   | ing 🗆       | Other:_           | ***                   |              |
| Length o        | of Water Colum        | nn:                      | _feet                      |                                 | 9:                               |   | Screened !     | Interva   | l (from     | GS):              |                       | _            |
| 2 DI ID/        | CE DATA               |                          | D + D                      |                                 |                                  |   |                | well = 0. | 667 gal/    |                   | well = 1.469 gal/f    |              |
|                 | GE DATA               |                          |                            | - ī                             |                                  |   |                |           | - <i>U</i>  |                   | ipment Model(s        | <del>-</del> |
| Purge IV        | fethod: Gen           | trifugal Pum             | p 🗆 Perista                | ltic Pump 🔲 In                  | ertial Lift Pump                 | ☐ Other:                                | 1 2011         |           | _           |                   | 56 MFS                |              |
| Material        | s: Pump/Bailei        | □ Polyeth □ Dedica       | nylene 🗷 Sta<br>ted 🔲 Pi   | inless 🗆 PVC<br>epared Off-Site | ☐ Teflon® 〔<br>Field-Clea        | ☐ Other:<br>aned ☐ Dispo                | sable          |           |             | RT-1              |                       |              |
| Material        | s: Rope/Tubing        | Polyeth                  | nylene 🗆 Poi               | ypropylene 🗆                    | Teflon® 🗗 Ny                     | ylon ☐ Other:_<br>ed ☑ Disposal         | *              | •         | 3. <u>H</u> | cre-              | Diggs 9               |              |
| Volume          | to Purge (mini        |                          |                            |                                 |                                  |   | oie            |           | 4. <u>Q</u> | ED                | MP-1C                 |              |
|                 | Il purged dry?        | □ Yes                    |                            | Pumping Ra                      |                                  | gallons<br>gal/min                      |                |           |             | Calibra           | ited? <b>⊡</b> Yes □  | 1            |
|                 | Cum. Gallons          | рН                       | Temp                       | Spec. Cond.                     | ORP                              | DO                                      | Turbidity      | T         |             |                   |                       |              |
| Time            | Removed<br>(gal)      | ±0.1 su                  | ±2°C                       |                                 | 1                                | > of ±10% or                            | ≤ 10 NTU       | Wate      | r Level     |                   | Comments              | - 1          |
| 1235            | Carro                 |                          | -                          | ±10 µS/cm                       | ±20 mV                           | ±0.2 mg/L                               |                | 38.       | 34 <i>L</i> | L. J.             | Bang.                 | $\dashv$     |
| •               | 762 (1)               |                          |                            | 0                               |                                  |   |                | 34.       |             | <u> </u>          | سمر منهود             |              |
| 1250            | 422 EM                | 6.57                     | 19.93                      | 0.142                           | -13.49                           | 2.45                                    |                | 39.       | 20          |                   | •                     |              |
| 300             | 0.1                   | 6.52                     | 19.51                      | 0.142                           | -23.0                            | 1.79                                    | 18.2           | 40.3      | 30          |                   |                       |              |
| 1310            | 0.2                   | 6.44                     | 19.07                      | 0.141                           | -/5.0                            | 1.27                                    | 14.7           | 1/2.8     | 38          |                   |                       |              |
| 1320            | 0.7                   | 6.38                     | 18.70                      | 0.141                           | 122                              | 0.98                                    | 15.0           | 45.6      | 1           |                   | 70.2                  |              |
| 1               |                       |                          |                            |                                 |                                  | (5                                      | 1 4114         | Pu        | rge data    | a <i>c</i> ontinu | ued on next sheet     | ?            |
| 4. SAMF         | PLING DA              |                          | ,                          |                                 |                                  |   |                |           | Geoch       | nemical           | l Analyses            | $\Box$       |
| Method(s        | s): 🔲 Bail            | er, Size:<br>ifugal Pump | <b>~</b> ∆<br>□ Peristalti | Bladder Pump<br>c Pump 🔲 Iner   | □ 2" Sub. Pur<br>tial Lift Pump( | mp □ 4″ Sub. I<br>□ Other: <b>3/4 2</b> | Pump           |           | Ferrou      | ıs Iron:          |                       |              |
| Materials       | : Pump/Bailer         | □ Polyethy               | rlene 🗷 Stair              | nless 🗆 PVC                     | ☐ Teflon® ☐                      | Other:                                  |                |           | DO:         |                   | mg/l                  | - 1          |
| Materiale       | : Tubing/Rope         |                          |                            |                                 |                                  |   | able           | i         |             |                   |                       | . 1          |
|                 |                       | ☐ Dedicate               | ed 🗆 Prepa                 | red Off-Site                    | Field-Cleaned                    | ■ Disposable                            | е              |           | Nitrate     | _                 | mg/                   | ١ ا          |
|                 | Water at Time Mv-39 2 | of Sampli<br><b>3</b>    | ng:<br><b>20-NOV-[</b>     | 41                              | Field Filtered                   |   | _              | į         | Sulfate     | e: _              | mg/l                  | L            |
| Sample II       |                       | Sample Da                | ate:                       | Sample 1                        | ime: <b>1350</b>                 | _ # of Contain                          |                |           | Alkalin     | ity: ⊣            | mg/L                  | -            |
|                 | Sample Colle          |                          |                            | ID:                             |                                  | # of Contain                            | _              |           |             |                   | •                     |              |
|                 | nt Blank Collec       | neu! a i                 | es 🗆 140                   | ID:                             |                                  | # of Contain                            | ers:           |           |             |                   |                       |              |
| 5. COMN         | MENTS :               | intak                    | 13:                        | 5'                              |                                  |   |                |           |             |                   |                       |              |
|                 |                       | <del></del>              |                            | -                               |                                  |   |                |           |             |                   |                       |              |
| Vote: Include o | comments such a       | s well condit            | ion odor pro               | Sence of NIADI                  | or other its ===                 | not on the fi-1.1                       | lata chari     |           |             |                   |                       |              |
|                 | · ·                   | Goriali                  | .c., odor, pre             | STILL OF WAPL                   | or other items                   | not on the field o                      | ala sneet.     | 71 /      |             |                   |                       |              |
| ORM GW-2        | . (Rev 25.Sept.0      | A . ceil                 |                            |                                 |                                  | <i>,</i>                                | 41             |           | <u></u>     |                   |                       |              |
| <b></b>         | , 20.0ept.0           | - 55]]                   | *                          | Patae                           | of                               | 1 //                                    | Signature      |           |             |                   |                       |              |

### **GROUNDWATER SAMPLING FIELD DATA SHEET**

WELL ID: MW-39 Zone 3

|          | GE DATA Cum. Gallons | pН      | Temp .      | Spec. Cond.              | ORP                    | DO                                    | Turbidity |             | _                 |               |
|----------|----------------------|---------|-------------|--------------------------|------------------------|---------------------------------------|-----------|-------------|-------------------|---------------|
| Time     | Removed<br>(gal)     | ±0.1 su | +3°60,5     | > of ±3% or<br>±10 μS/cm | > of ±10% or<br>±20 mV | > of ±10% or<br>±0.2 mg/L             | ≤ 10 NTU  | Water Level | Co                | mments        |
| 330      | 0.4                  | 6.34    | 18.39       |                          | -10.30VA.              | 20.80                                 | 13.7      | 48.56       | · · · · - · · · · |               |
| 340      | 0.5                  | 6.33    | 18.14       | 0.140                    | -11.3                  | 0:68                                  | 15.1      | \$50.91     |                   |               |
| 35c      | Sarglel -            |         | <u>.</u>    |                          |                        |                                       |           |             |                   | <u> </u>      |
| ५००      | (                    |         |             |                          |                        | , , , , , , , , , , , , , , , , , , , |           | 12.82       |                   | - Cu-110 - M- |
| 410      |                      |         |             |                          |                        |                                       |           |             |                   |               |
| 420      |                      |         |             |                          |                        |                                       | ,         |             |                   |               |
| 430      |                      |         | -65         | [7]                      | 611.15                 | SAM.                                  |           |             |                   |               |
| 4400     | 135 256              |         | ·w. (       | 18.                      |                        |                                       |           |             |                   |               |
|          | 12 St.               |         |             | 1107                     |                        |                                       | ,<br>     |             |                   |               |
|          | i core               |         |             |                          |                        |                                       |           | 1           |                   |               |
| 7.       | ,                    |         |             |                          |                        |                                       |           |             | ***               |               |
|          |                      |         |             |                          |                        |                                       |           |             | 92500             |               |
|          |                      |         |             |                          |                        |                                       |           |             |                   |               |
|          | انے نے دوورو         | ya.ne-  |             |                          |                        |                                       |           |             | 1,000,000         | 200           |
|          | tie of               | 2.30    |             |                          |                        |                                       | 246       |             |                   |               |
|          |                      | 09.56   |             | 24.5                     | कि व                   |                                       |           | 2           |                   | - *           |
|          |                      | 20.1    | - 4 -       | 35.0                     | 1200                   | 3,34.                                 | 4.6:      | ,           | 10.102            | 7             |
|          |                      | 2.5     | ","         | 1                        | 0.7                    | .)                                    | 1 4 1 5   |             | · ·               | 3.1           |
|          |                      | 1.3.4   |             | -                        | 7.00                   | i Wile                                | VI        | 17:3        |                   | G             |
|          |                      |         |             |                          |                        |                                       |           |             | - 102             |               |
|          | -                    |         |             | 4/5                      | -                      |                                       | -8-       |             |                   |               |
|          |                      | -       |             |                          |                        |                                       | T.        |             |                   |               |
| <u>.</u> |                      |         |             |                          |                        |                                       |           | •           |                   | 925-040       |
|          | -                    |         | . 4.        | L.,                      |                        |                                       |           |             |                   |               |
| 1 1000   | 1000                 |         | -3 <b>-</b> |                          | 135                    | 153                                   | and Rose  | 823         | S-CHA             |               |
| ).       |                      |         |             |                          |                        | 7.                                    |           |             |                   |               |
|          | -                    |         |             |                          | -                      |                                       |           |             |                   |               |
|          |                      |         |             |                          |                        | 1.7                                   |           | 101         |                   |               |

Purge data continued on next sheet?

of 2

FORM GW-2 (Rev 25.Sept.08 - sej)

#### **GROUNDWATER SAMPLING FIELD DATA SHEET**

WELL ID: MW-41 Zone 1

| 1. PRO          | IECT INF                | ORMA                         | TION           | <del></del>                   | 77.07                              | <u> </u>                                    |                 |                 |                                     |
|-----------------|-------------------------|------------------------------|----------------|-------------------------------|------------------------------------|---|-----------------|-----------------|-------------------------------------|
|                 | Number: <u>138</u>      |                              |                | ber: 200.00                   | )1                                 | Area of Conc                                | ern.            |                 |                                     |
|                 | Owens Corr              |                              |                |                               |                                    | 1   |                 |                 |                                     |
|                 | ocation: And            |                              |                |                               |                                    |   |                 | 60°P            |                                     |
|                 |                         |                              |                |                               |                                    |   | 11-11           |                 |                                     |
|                 |                         |                              |                |                               |                                    |   |                 |                 | orary Well: □Yes □No                |
|                 | Diameter:               | 8                            |                |                               |                                    | Galv. Steel                                 |                 |                 |                                     |
|                 | Diameter: <u> </u>      |                              | 73,54          | Type CYPV                     | C □ Stainless                      | ☐ Galv. Steel                               | □ Tefion®       | Other:          | <u> १८७ (१)</u>                     |
| l               | pth of Well:            |                              | 3              | From: Mr To                   | p of Well Casin                    | g (ТОС) СП Т<br>g (ТОС) СП Т                | op of Protectiv | /e Casing   □ ( | Other:                              |
|                 | Static Water:           |                              |                |                               |                                    |   |                 |                 |                                     |
|                 | Product:                |                              |                |                               |                                    |   |                 |                 | Other:                              |
| Length o        | f Water Colum           | nn:                          | feet           |                               |                                    | _ gal<br><i>2-in well = 0.16</i>            |                 |                 | GS):<br>ft 6-in well = 1.469 gal/ft |
|                 | SE DATA                 |                              | Date Pu        | rged: [ K.A                   | IN-K                               | Time: 135                                   | 7               |                 | Equipment Model(s)                  |
| Purge M         | ethod: 🛭 Ba             | iler, Size:<br>trifugal Pumi | 0<br>p         | PBladder Pump                 | o □ 2" Sub. Pu<br>ertial Lift Pump | ımp ☐ 4" Sub<br>☐ Other: 2/                 | Pump<br>1       | 1. <u></u>      | SI 556 M5                           |
|                 | s: Pump/Bailer          | ☐ Polveth                    | vlene 🗗 Sta    | inless D PVC                  | ☐ Teflon® □                        | ) Other:                                    |                 | 2. <b>D</b> R   | T-15CE                              |
|                 | = -                     | ☐ Dedicat                    | ted D Pr       | pared Off-Site                | ₩ Field-Clea                       | ned Dispos                                  | sable           |                 | m Rippe T                           |
| Materials       | : Rope/Tubing           | Dedicat                      | ted 🖸 Prep     | ared Off-Site                 | ਾਵਾਰਿ∩ਲ ਖ਼ਾ Ny<br>□਼ Field-Cleane  | lon 🛭 Other:_<br>d 🖆 Disposat               | ole             | _               | EB MP-10                            |
| Volume          | to Purge (minir         | mum): •                      | well v         | olumes or                     |                                    | gallons                                     |                 | 7. <u>V</u>     | 10                                  |
| Was wel         | purged dry?             | ☐ Yes                        | □ No           |                               | te:                                |   |                 | <del></del>     | Calibrated? <b>₫</b> Yes □          |
| Time            | Cum. Gallons<br>Removed | pН                           | Temp           | Spec. Cond.                   | ORP                                | DO ( . 100)                                 | Turbidity       | Water Level     | Comments                            |
|                 | (gal)                   | ±0.1 su                      | ±2°C           | > of ±3% or<br>±10 µS/cm      | > of ±10% or<br>±20 mV             | > of ±10% or<br>±0.2 mg/L                   | ≤ 10 NTU        | Water Level     | Comments                            |
| 1417            | Ster                    |                              |                |                               |                                    |   |                 | 6.28 beh        | -pay. 1. Clonly                     |
| 1430            | YSI Foll                | 7.75                         | 16.33          | 0.405                         | -24.9                              | 5.64  | 657             | 6.32            |                                     |
| 1440            | 0.1                     | 7.71                         | 16.28          | 0.348                         | -31.8                              | 1.59  | 356             | 6.28            | · ·                                 |
| 1480            | 0.2                     | 7.69                         | 16.26          | 0.316                         | -33.(                              | 1.17  | 278             | 6.29            |                                     |
| 1500            | 0.3                     | 7.59                         | 16.12          | 0.297                         | -33.5                              | 0.94  | 232             | 6.29            |                                     |
|                 |                         |                              |                |                               |                                    |   |                 | Purge data      | a continued on next sheet?          |
| 4. SAMF         | LING DA                 | TA                           |                |                               |                                    |   |                 | <u>Geoch</u>    | nemical Analyses                    |
| Method(s        | s): 🔲 Bail<br>🖸 Centr   | er, Size:<br>ifugal Pump     | Peristalt      | Bladder Pump<br>ic Pump 🚨 Ine | □ 2" Sub. Pur<br>tial Lift Pump(   | np  □ 4" Sub.<br><b>₹</b> Other: <i>2/५</i> | Pump            | Ferrou          | ıs Iron:mg/L                        |
| Materials       | : Pump/Bailer           | ☐ Polyethy                   |                | nless DPVC                    |                                    |   | able            | DO:             | mg/L                                |
| Materials       | : Tubing/Rope           | Polvethy                     | lene □ Polv    | •                             | eflon® (41)Vid                     | on 🗆 Other:                                 | ***             | Nitrate         | : mg/L                              |
| Depth to        | Water at Time           |                              |                |                               | Field Filtered                     |   |                 | Sulfate         | e: mg/L                             |
| Sample I        |                         |                              | ate: 18,100    |                               | ime: <b>155</b> 0                  | _ # of Contair                              | 0               | Alkalin         | ity: mg/L                           |
| Duplicate       | Sample Colle            |                              |                | ID:                           |                                    | # of Contain                                |                 | -               | · •                                 |
| Equipme         | nt Blank Collec         | cted? 🗆 🔌                    | ∕es 🛩 No       | ID:                           |                                    | # of Contain                                | ners:           |                 |                                     |
| 5. COMN         | MENTS                   | Ry 0                         | ~35'           | Toc st                        | uk a                               | Some o                                      | shu             |                 |                                     |
| Note: Include ( | comments such a         | s well condi                 | tion odor or   | esence of NADI                | or other items                     | not on the field                            | data shoot      |                 |                                     |
|                 | omnores such a          | o men conta                  | aon, odor, pri | JOSHOG OF INAFL               | , or ourer nerits                  | not on the neld                             | uala sileel.    | ,               | <u> </u>                            |

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#### **GROUNDWATER SAMPLING FIELD DATA SHEET**

WELL ID: MW-41 Zone 1

|       | GE DATA                          | рН       |         | Spec. Cond. | ORP   | DO                        | Turbidity   |             |             | *            |
|-------|----------------------------------|----------|---------|-------------|-------|---------------------------|-------------|-------------|-------------|--------------|
| Time  | Cum. Gallons<br>Removed<br>(gal) | +0⁴j*sñ• | 7 11    |             | l     | > of ±10% or<br>±0.2 mg/L | ≤ 10 NTU    | Water Level | Con         | nments       |
| 510   | 0,4                              | 7.62     | 15.96   | CO 285      |       | · 0.76                    | 281         | 6.30        |             |              |
| 520   | 0.55                             | 7.51     | 15.75   | 0.281       | -35.4 | 0.67                      | 201         | 6.29        |             |              |
| 1530  | 0.65                             | 7.56     | 15.59   | 0.279       | -35.6 | 0.61                      | 188         | 6.30        |             |              |
| 1546  | 0.75                             | 7.SC     | (5.44   | 0.249       | -35.7 | 0.59                      | 193         | 630         |             |              |
| 1550  | Sorpled                          |          |         |             |       |                           |             |             |             |              |
| 160c  |                                  | 20       |         |             |       |                           | \$          |             |             |              |
| 610   |                                  |          | 3       | 271         | 1.92  | AN                        |             |             |             |              |
| 16200 | 153 350                          |          |         | 10          |       | 3.                        |             |             |             |              |
|       | 977 - 180 c                      |          |         |             |       |                           |             |             |             |              |
|       | tion one                         |          |         | V.          |       |                           |             | 7           |             |              |
|       | 11 (37)                          |          |         |             |       |                           |             | *           | #           |              |
| •     |                                  |          |         |             |       |                           |             | 2           |             |              |
|       |                                  |          | 1       |             |       |                           | <u></u>     |             |             |              |
|       | •                                |          |         |             |       |                           |             |             | <u> </u>    |              |
|       | and was a                        | 35.0     |         |             |       |                           |             | 1 1         | wic .       | 2.12         |
| Œ.    |                                  | .6 .     | 1       | 7000        | 10.75 | 201.0                     | 25.91       |             | 40          | OGIJ         |
|       |                                  | 67.6     | 77:     | 1.57        | 2.1   | 3250                      | 3.0         |             | 1.00        | <u> ত্ৰু</u> |
|       |                                  | Y (5)    | - 160   | 1 1 1       | . 00  | 4 10 4                    | ₩.s.c.      | 20.         | A           |              |
|       |                                  | 9 -      | 5.0     | - 17        | 30    |                           |             | F 1         | - :.3-      | 202          |
|       | 15                               | 2.99     |         | 1145.0      | 3.00  | 1940 2 °                  | 201111      | 2.7         | <del></del> | 441.         |
|       |                                  |          |         |             |       |                           |             |             |             |              |
| 40    | -                                | 7        | 17.     | 2.6         |       |                           | •           |             | U           |              |
|       |                                  |          |         |             |       |                           | 560         |             |             |              |
|       |                                  |          |         | •           | 129   |                           |             |             |             |              |
| Y     |                                  |          | <u></u> |             |       |                           |             | No.         | 140.68      |              |
|       |                                  | 1_3      |         |             | -277  | 2,,                       | - 64 (4)    |             | -           | •            |
|       |                                  | 14.2     |         | <u> </u>    |       |                           |             |             |             |              |
|       |                                  |          |         |             | ~ i a | 200                       | 38 m a      | .0          |             |              |
|       | -                                |          | SAME.   | 3-02        | ~ Jac | 100                       | San Jan 187 | COLS        |             |              |

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### **GROUNDWATER SAMPLING FIELD DATA SHEET**

WELL ID: MW-41 Zone 2

| 1 BBC          | JECT INF                                |                          | TION                     |                                 |                           |                             |                  |                  |                                       |
|----------------|---|--------------------------|--------------------------|---------------------------------|---------------------------|-----------------------------|------------------|------------------|---------------------------------------|
| · ·            |   |                          |                          |                                 | 0.4                       |                             |                  |                  |                                       |
|                | Number: 138<br>Owens Cor                |                          |                          |                                 |                           | Area of Con                 |                  |                  |                                       |
|                | Location: An                            |                          |                          | rolina                          |                           | _ Personnel:_<br>0          | Keisten          | Mussine          | 150                                   |
|                |   |                          |                          |                                 |                           | _ Weather:_ <b>_</b>        | onthy            | Cloudy           | 65%                                   |
|                | L DATA                                  |                          | Date Mo                  | easured:                        | 16:10                     | _Time:                      | (A)              | Tem              | porary Well: □Yes \\ \( \text{ONO} \) |
| -3.            | Diameter:                               |                          | -                        | Type: PV                        | C 🐧 Stainles              | s 🗆 Galv. Stee              | el □.Teflon®     | ☐ Other:         |                                       |
|                | Diameter:1                              |                          |                          |                                 | _                         | s 🛚 Galv. Stee              |                  |                  |                                       |
| I              | epth of Well:                           | 4.1.4                    |                          | -                               | _                         |                             |                  |                  | Other:                                |
| Depth to       | o Static Water:                         | NA                       | _feet                    |                                 |                           |                             |                  |                  | Other:                                |
| Depth to       | o Product:                              |                          | _feet                    | From: 🗆 To                      | op of Well Casi           | ng (TOC)                    | Top of Protectiv | ve Casing 🛚      | Other:                                |
| Length         | of Water Colun                          | nn:                      | _feet                    | Well Volume                     | 9:                        | gal                         | Screened In      | nterval (from    | GS):                                  |
| 2 DI ID        | GE DATA                                 |                          | D. I. D.                 |                                 |                           |                             |                  | ell = 0.667 gal. | /ft 6-in well = 1.469 gal/ft          |
|                |   |                          | Date Pu                  | rged: [[]][]                    | D D 2" Sub P              | Time: 14" Sub               | Pump             |                  | Equipment Model(s)                    |
| Purge N        | rietnoa: 🗆 Cen                          |                          |                          |                                 |                           | ump 4" Sub                  |                  | 1                | 15i 556                               |
| Material       | s: Pump/Bailer                          | . ☐ Polyeth<br>☐ Dedica  | nylene □ Sta<br>ted □ Pi | inless DPVC<br>repared Off-Site | ☐ Teflon® (<br>Field-Clea | Other: CH                   | Meso<br>sable    | 2                |                                       |
| Material       | s: Rope/Tubing                          | Polyeth                  | vlene 🗆 Pol              | vpropylene 🗆                    | Teflon® □ N               | don D Other                 |                  | 3                | (計画) (計画)                             |
| Volume         | to Purge (mini                          |                          |                          |                                 |                           | ed Desposa                  | ble              | 4                |                                       |
| l,             | Il purged dry?                          | □ Yes                    |                          | Pumping Ra                      |                           | gallons<br>gal/min          |                  |                  | Calibrated? ✓ Yes □                   |
|                | Cum. Gallons                            | pН                       | Temp                     | Spec. Cond.                     | ORP                       | gai/iiiii                   | Turbidity        |                  | 72 103 2                              |
| Time           | Removed<br>(gal)                        | ±0.1 su                  | ±2°C                     | > of ±3% or<br>±10 µS/cm        | > of ±10% or<br>±20 mV    | > of ±10% or<br>±0.2 mg/L   |                  | Water Level      | Comments                              |
| 1427           | 0                                       | 7.80                     | 15.41                    | 229                             | -42.5                     | 6.62                        | 0.69             | lact             | sia                                   |
| 1432           | _25                                     | 7.81                     | 16.20                    | 226                             | -67.8                     | 2.68                        | 5.01             |                  |                                       |
| 1437           | 4.0                                     | 7.84                     |                          | 224                             | -70.8                     | 1.86                        | 0.0              | NA               |                                       |
| 1442           | 5.0                                     | 7.86                     | 16.13                    | 224                             | -73.9                     | 1.59                        | 0.0              |                  |                                       |
| 1447           | 6.0                                     | 7.87                     | 16.16                    | 223                             | -75.4                     | 1.43                        | 0.0              |                  |                                       |
|                | *************************************** |                          |                          |                                 |                           |                             | 21 22 22         | Purge data       | a continued on next sheet?            |
| 4. SAMF        | PLING DA                                | TA                       |                          |                                 |                           |                             |                  | Geoch            | emical Analyses                       |
| Method(s       | s):   Baile Centri                      | er, Size:<br>ifugal Pump | □ Peristalti             | Bladder Pump<br>c Pump 🛭 Iner   | ☐ 2" Sub. Pur             | mp 🛮 4" Sub. i              | Pump             |                  | - t                                   |
| Materials      |   |                          | lene 🔾 Stair             |                                 | ☐ Teflon® ☐               | Other: Rth                  | 1 <u>. spri</u>  | DO:              | s Iron: mg/L                          |
| Materials      | : Tubing/Rope                           | Polvethy                 | lene 🗆 Polvi             | propylene 🗆 T                   | eflon® D Nyl              | n D Other:                  |                  | Nitrate          | 7                                     |
| Depth to       | Water at Time                           | of Samplin               | 1                        |                                 |                           | Disposable? □ Yes □         |                  | Sulfate          |                                       |
| Sample I       | 142                                     | ~+?                      |                          |                                 |                           | : u res u<br>_ # of Contain |                  | į                | . \                                   |
|                | Sample Collec                           |                          | 1                        | •                               | 11-18-10                  | # of Contain                |                  | Alkalin          | ity: mg/L                             |
| Equipme        | nt Blank Collec                         | ted? □ Y                 | es 🗆 No                  | ID:                             |                           | # of Contain                | _                |                  |                                       |
| 5. COMN        | /ENITS                                  |                          |                          |                                 |                           |                             |                  |                  |                                       |
| J. OCIVIIN     | "LN19 _                                 |                          |                          |                                 |                           |                             | ·                |                  |                                       |
|                |   |                          |                          |                                 |                           |                             |                  |                  |                                       |
|                |   | <del></del>              |                          |                                 |                           |                             | <u></u>          |                  |                                       |
| ote: Include c | omments such as                         | s well conditi           | ion, odor, pre           | sence of NAPL,                  | or other items            | not on the field o          | data sheet.      |                  |                                       |
| ote: Include c | omments such as                         | s well conditi           | ion, odor, pre           | sence of NAPL,                  | or other items            | not on the field c          | data sheet.      |                  |                                       |



WELL ID: MW-41 Zone 1

|              | GE DATA  Cum. Gallons | рН   | Temp        | Spec. Cond. | ORP                    | DO                        | Turbidity |                 |                   |                                       |
|--------------|-----------------------|--|-------------|-------------|------------------------|---------------------------|-----------|-----------------|-------------------|---------------------------------------|
| Time         | Removed (gal)         | Annual Control of the | ±2°C        | > of ±3% or | > of ±10% or<br>±20 mV | > of ±10% or<br>±0.2 mg/L | ≤ 10 NTU  | Water Level     | C                 | comments                              |
| 452          | 7.0                   |  | 16.15       | 223         | <del>~749</del>        | 1.34                      | 0.0       |                 |                   |                                       |
| 497          | 8.0                   | 7.88   | 16.10       | 223         | -74.8                  | 1.27                      | 0.0       | NA-             |                   |                                       |
| 101          |                       |  |             |             |                        | •                         |           |                 |                   |                                       |
| <del> </del> |                       |  |             |             |                        |                           |           |                 |                   |                                       |
|              |                       |  |             |             |                        |                           |           | - <del>``</del> |                   |                                       |
|              |                       |  |             |             |                        |                           |           |                 |                   |                                       |
|              |                       |  |             |             |                        |                           |           |                 |                   |                                       |
|              |                       |  |             | .3          |                        | 11/11                     |           |                 |                   | 1 10                                  |
|              | . 13 %                |  | 14 10 100   |             |                        |                           |           |                 |                   |                                       |
|              |                       |  | 1,37 5      | 1           |                        |                           |           |                 |                   |                                       |
|              |                       |  | 1           | <u> </u>    | \                      |                           |           | •               |                   |                                       |
|              |                       | -  | -           | -           |                        |                           |           |                 |                   |                                       |
|              |                       |  |             |             |                        |                           | -         |                 |                   |                                       |
|              |                       |  |             |             |                        |                           | -         |                 |                   |                                       |
|              |                       |  |             |             |                        |                           |           |                 |                   |                                       |
|              |                       |  |             |             | ,                      |                           |           |                 |                   |                                       |
|              | ****                  | 47.  | Po .0       | 61.5        | ₹.58-                  | _13.5.5.                  | 17.21     | 05.t            | 1,1               | +514                                  |
|              |                       |  | 18.0        | 24.5        | 3.10                   | 12.2.1                    | क्षा ।    | 12.5            | •                 | 4.5                                   |
| _            | -                     |  | •"          | (1) X + 2   | 3.05                   | 12.5%                     | 51,511    | 1-5             | 0.7.1             | + 61°                                 |
|              |                       | 1  | <b>3.</b> 0 | 22.         | 40 m                   | 200                       |           | <u> </u>        | 3. č <sup>‡</sup> | - 5 PP                                |
|              |                       | ,  |             | \$11        |                        | C                         |           | 100             | ं ज़े             | 7 7 7 7                               |
| •            |                       | 1  | 4.6         | *****       |                        |                           | اله.دلو   |                 |                   |                                       |
|              |                       |  |             |             |                        |                           |           |                 |                   |                                       |
|              |                       | -  | .31 .78     |             |                        |                           |           |                 |                   |                                       |
|              |                       | -  | 23 71       | · ·         |                        |                           |           | <del></del>     |                   |                                       |
|              | 1-1                   |  |             |             |                        |                           |           |                 |                   |                                       |
|              |                       |  |             |             |                        |                           | 1.,       |                 |                   | <del> </del>                          |
| ye. 1        |                       |  |             |             |                        |                           |           | 1 Carry 1 of    |                   | · · · · · · · · · · · · · · · · · · · |
| +*           |                       | Cm 21 %  |             |             |                        |                           | T.        |                 |                   |                                       |
|              |                       | 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0  | 1           |             |                        | •                         |           |                 |                   | · · · · · · · · · · · · · · · · · · · |
|              |                       | -  |             |             | -                      |                           |           |                 |                   |                                       |
|              | -                     |  |             |             |                        |                           |           |                 |                   |                                       |

Signature

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# **GROUNDWATER SAMPLING FIELD DATA SHEET**

WELL ID: MW-41 Zone 3

| 1 PBC           | DJECT IN         | FORM  | ATION                         |                                     |  |                                       | <u> </u>                               |                 |                            |       |
|-----------------|------------------|---|-------------------------------|-------------------------------------|--|---------------------------------------|--|-----------------|----------------------------|-------|
|                 | t Number: _1     |   |                               | mbor: 200                           | 001  | 1                                     |  |                 |                            |       |
| Client          | Owens Co         | rning   | 143K 140                      | umber. <u>200.</u>                  | 001  |                                       | ncern:                                 |                 |                            |       |
|                 | t Location: Ar   |   | South C                       | arolina                             |  | Personnei:<br>Weather:                |  |                 |                            |       |
| 2. WE           | LL DATA          |   | Date N                        | /leasured                           | 3.NOV.10                                   | Time: 1                               | 1, 1                                   | 713             | mporary Well: □Yes         |       |
| - Dasing        | Diameter:        | 1 i   | nches                         | Type: '40'F                         | VC D Stainle                               | I Ime: <u>· //</u>                    | o Ditui                                | Ten             | mporary Well: 🗆 Yes        | No    |
|                 | Diameter:        |   |                               | Tivee de                            | VC - Stainle                               | ss 🗖 Çalv. Ste                        | el La Tetion®                          | Other:          | not the second             | ) do  |
|                 | Depth of Well:_  | 14  |                               | ੂੰ ਹੈ ਜੋ<br>From: ≝ਾ                | Top of Well Cas                            | ing (TOC)                             | Top of Protoc                          | U Other:        |                            |       |
| 2 1793          | to Static Wate   | 0.00  |                               | From: S                             | Top of Well Cas                            | ing (TOC)                             | Top of Protect                         | tive Casing L   | Other:                     | 1 -   |
| Depth           | to Product:      |   | feet                          | From 0                              | op of Well Cas                             | ing (TOC)                             | Top of Protec                          | tive Casing L   | Other:                     |       |
| Length          | of Water Colu    | mn:   | _feet                         | Well Volum                          | ie:  | gai \ •                               | Screened                               | Interval        | a detail                   |       |
|                 |                  |   |                               |                                     |  | 2-in well = 0.1                       | 67 gal/ft 4-in                         | well = 0.667 ga | al/ft 6-in well = 1.469 ga | Vft   |
| 3. PUR          | GE DATA          | ailer Size                                      | Date P                        | urged: /8.                          | NOVE                                       | _ Time: <u></u>                       | 130°                                   |                 | Equipment Model            | (s)   |
| Purge           | Method: B        | ntrifugal Pur                                   | np 🗆 Perist                   | altic Pump 🗋 l                      | np ⊔ 2″ Sub. F<br>nertial Lift Pump        | ump D4 Sul                            | PURCE                                  | 97.5 <u>Y</u>   | 55.55's MO                 | ė.    |
| Materia         | ls: Pump/Baile   | Polyet Dedica                                   | hylene <b>⊈</b> S<br>ated □ F | tainless Cl.PVC<br>Prepared Off-Sit | Teflon®•                                   | Other:                                | 7 % 1, r                               | . 2. <u>V</u>   | RF-15CE                    | isi.  |
| Materia         | ls: Rope/Tubin   | g Polyet  | hylene: Dip                   | olypropy ene                        | Teffon® 🗆 🔨                                | ylon Dispo                            | 13/11/01                               | 3. <u>H</u>     | ber Dyn T                  | liën. |
| Volume          | to Purge (min    | imum):  | well                          | pared Off-Site                      | ☐ Field-Clean                              | ed Disposa                            |  | .4. <u>C</u>    | RED MENIO                  |       |
| Was we          | ell purged dry?  |   |                               | Pursping Ra                         |  |                                       |  | 7 D 0 1         | Calibrated?                |       |
|                 | Cum. Gallons     |   | Temp                          | Spec Cond.                          |  | DO                                    | Turbidity                              | 7 7 7 7         | Calibrated?                |       |
| Time            | Removed<br>(gal) | ±0.1 su   | ±2°C                          | > of ±3% or                         | > of £10% or                               | > of ±10% or                          |  | Water Level     | Comments                   |       |
| 0830            |                  |   | <del></del>                   | ±10 μS/cm                           | ±20 mV                                     | ±0.2 mg/L                             | 2.000                                  | 16:85           | Believ PT                  |       |
| 0835            | Notice           | ha  | ia                            | A                                   |  |                                       |  | 10.25           | alm pip "                  |       |
| 0990            | Ster             | 4417  | la.                           | Ar line                             | tappe                                      | ) and                                 | n ·                                    | fin_            |                            |       |
|                 |                  |   |                               |                                     |  |                                       |  |                 |                            |       |
| 0944            | 1300             | Onja  | <del></del>                   | top                                 | 00 L                                       | ell; feel                             | - 1h al                                | la e            | ~120                       |       |
| 100c            | Stut             |   |                               | l l                                 |  |                                       |  |                 |                            |       |
| 1 8 1 1 1       | OLINO DA         | Τ.Δ   |                               |                                     |  |                                       |  | Purge data      | a continued on next shee   | t? 🕒  |
|                 | PLING DA         | IA<br>er, Size:                                 | " rey                         | Diameter D                          | <b>5</b>                                   |                                       |  | Geoch           | nemical Analyses           |       |
| Method(s        | " □ Centr        | ifugal Pump                                     | u Feristali                   | ic Pump u Inei                      | tial Lift Pump [                           | np □ 4" Sub. i<br>□ Other: <b>3/9</b> | Pump<br>————                           | Ferrou          | ıs Iron:mg/                | L     |
| Materials       | : Pump/Bailer    | <ul><li>□ Polyethy</li><li>□ Dedicate</li></ul> | lene ⊈Staiı<br>d □ Pre        | nless PVC pared Off-Site            | ☐ Teflon® ☐                                | Other:ed 🔲 Disposa                    | —————————————————————————————————————— | DO:             | $\perp 2_{mg/l}$           | . 1   |
| Materials       | : Tubing/Rope    | Polyethyl                                       | ene 🗆 Poly                    | propylene D T                       | oflore of Nuls                             | n 🗆 Other:                            |  | Nitrate         |                            |       |
| Depth to        | Water at Time    | of Samplin                                      | າຕາ                           | red Off-Site                        | l Field-Cleaned<br>Field <b>F</b> iltered' | Disposable                            |  | Sulfate         |                            |       |
| Sample II       | M-41 23          | Sample Da                                       | te: MANUE                     | 116                                 | me: 1215                                   | ? □ Yes □<br>_ # of Contain           | _                                      |                 | 9                          | ۱     |
|                 | Sample Collec    |   |                               | ID:                                 |  | # of Contain                          |  | Alkalini        | ity: mg/L                  | .     |
|                 | nt Blank Collec  |   |                               | ID:                                 |  | # of Contains                         |  | <b></b>         |                            |       |
| . COMI          | MENTS            | in the  | 0 -1                          | XII.                                | /20:                                       |                                       |  |                 |                            |       |
|                 |                  | more  | <u> </u>                      | Ma -                                | 120  |                                       |  |                 |                            | _]    |
|                 |                  |   |                               |                                     |  |                                       |  |                 |                            | _     |
| ote: Include co | omments such as  | well condition                                  | on, odor, pre                 | sence of NAPL,                      | or other items r                           | ot on the field da                    | ata sheet.                             | ,               |                            |       |
|                 |                  |   |                               |                                     |  |                                       | 1929                                   |                 |                            |       |

# GROUNDWATER SAMPLING FIELD DATA SHEET

| WELL ID: | MW-41 Zone 3 |  |
|----------|--------------|--|
|----------|--------------|--|

| 1 0110   | SE DATA                          | рН        | ued from | Spec. Cond. | ORP                    | DO                        | Turbidity      |             |          | 0          | _      |
|--|----------------------------------|-----------|----------|-------------|------------------------|---------------------------|----------------|-------------|----------|------------|--------|
| Time   | Cum. Gallons<br>Removed<br>(gal) | ±0.1 su   | ±2°C     |             | > of ±10% or<br>±20 mV | > of ±10% or<br>±0.2 mg/l | ≤ 10 NTU       | Water Level |          | Comments   |        |
| 10   | YSF F-4                          | 6.05      | 11.03.   | v0.278      | -37.18w.               | 14.95                     |                | 17.29       | <u> </u> | Ehr        | 1      |
| 020  | 0.1                              | 7.33      | 11.07    | 0.269       | -30.6                  | 11:63 *                   |                |             | re       | at be      | sk +   |
| 030  | 0.2                              | 7.43      | B.40     | 0.268       | -27.5                  | 14.68                     |                | 23.10       | lets     | of arr     | Sees ( |
| 040  | 6.3                              | 7.53      | 13.84    | 0.268       | -27.8                  | 16,00*                    |                | 27.40       | (6.3     |            |        |
| 050  | 0.45                             | 7.56      | 14.03    | 0.268       | -30.7                  |                           |                |             | <u> </u> |            |        |
| 100  | 0.55                             | 7.86      | 14.36    | 0.269       | -32.7                  | 13.56                     |                | 32.17       | <u> </u> |            |        |
| 110  | 0.70                             | 7.63      | 14.62    | .0.269      | -34.3                  | 1207+                     | 10.8           | 35.24       |          |            |        |
| ito za   |                                  | 7.57      |          | . C. 269    | -33.4                  | 14.80 *                   | 2.             |             |          |            |        |
| 130  | 0.90                             | 7.62      | 14.51    | 0.269       | -33.7                  | 11.50 4                   |                | 39.89       |          |            |        |
| 1  | 14.0                             | حصد دو حث |          | 0.270       | - 32.4                 | 11.38 4                   | 7.12           | . 4         |          |            |        |
| 1140   | 1, 200                           | 7.61      | 14.64    | 0.270       | - 33.3                 | 10.78*                    | 6.15           | 44.40       |          |            |        |
| 1150   | 1.75                             | 7.63      | 14.67    |             | -33.0                  | 10.65                     |                |             |          |            |        |
| 1200   | 1.25                             | 7.59      | 14.67    | 6.270       | -31.8                  | 16.70                     | 9.08           | 48.86       |          |            |        |
| 1210   | 1.35                             | 1         | 12.61    | 0.27        |                        |                           |                |             | -        |            |        |
| 1215   | 5 1                              | aplel     |          |             |                        | <del></del>               |                |             |          | The second | 40 =   |
|  | <u> </u>                         | ,         | 7 199    | int         | Jun 18 45 5            | 3-1 -44                   |                | ्र          | 2945     | . 67       | °2-C   |
| <u> </u>   |                                  |           |          | 1           |                        |                           |                |             | FLO      | શ્રે ક     | (Va)   |
|  | 1935 - W                         |           |          |             | 3 90                   | 31 69                     | 7.<br>1 • 10 3 |             | - on 8   | - 1        | Mic    |
|  | ,                                |           |          |             |                        |                           | <u> </u>       |             | -10      | - C - C    |        |
|  |                                  |           |          | ļ           | <del> </del>           |                           |                |             |          |            |        |
|  |                                  |           |          |             |                        |                           | 14             |             |          |            |        |
| 91   |                                  |           |          | 1. 19 S.    |                        |                           | -1             |             | -        |            |        |
|  |                                  |           |          |             |                        | •                         |                |             |          |            |        |
|  |                                  |           |          |             | •                      |                           |                |             |          |            |        |
|  |                                  |           | No.      |             | 7                      |                           |                |             | 2 1      | *          |        |
|  |                                  |           |          |             | ( m)                   |                           |                |             |          |            |        |
|  | -                                |           | E        |             | - 20                   |                           | ,              |             |          |            |        |
| <del>                                     </del> |                                  |           |          |             |                        | 1                         | C              |             |          |            |        |

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WELL ID: MW-42 Zone 1

|               | =OT 11150                  |                                 | 101                             |                                      |                        |                                       | :5:           |                                       |                                     |
|---------------|----------------------------|---------------------------------|---------------------------------|--------------------------------------|------------------------|---------------------------------------|---------------|---------------------------------------|-------------------------------------|
|               | ECT INFO                   |                                 |                                 | 000.00                               | . 1                    |                                       |               |                                       |                                     |
| •             | umber: <u>1386</u>         |                                 | Task Numb                       | er: <u>200.00</u>                    | <u> </u>               | Area of Conce                         | em:<br>BM     |                                       |                                     |
| Client: C     | wens Corni                 | ing                             |                                 | . !!                                 |                        | Personnel: $\sqrt{}$                  | 25° F C       | lear                                  |                                     |
| Project Lo    | ocation: And               | erson, So                       | outh Card                       | olina                                |                        | weatner:_ <u>·</u>                    |               |                                       |                                     |
| 2. WELL       | . DATA                     | <b>⊕</b> }].• <b>s</b>          | Date Me                         | asured: 13.A                         | VOV. 10                | Time: <u>./5</u> 2                    | 0 (4.4)       | • Tempo                               | orany Well: □Yes ™Mo                |
| Casing D      | iameter: 1                 | inch                            | nes                             | Type: TPVC                           | Stainless .            | ☐ Galv. Steel                         | ☐ Teflon® □   | Other:                                | 0/0                                 |
| Screen D      | iameter: 1                 | inch                            | nes                             | Type: PVC                            | □ Stainless            | □ Galv. Steel                         | ☐ Teflon® □   | Other:                                | 70.0                                |
| Total Dep     | oth of Well:1              | <u>29</u> f                     | eet                             |                                      | E                      | (тос) 🗖 то                            | 6             | A 27 a 34 a                           | 100                                 |
| Depth to      | Static Water:              | 71.00                           | eet                             |                                      |                        | (ТОС) П То                            |               |                                       |                                     |
| Depth to      | Product:                   |                                 | 44.14.7                         | A.S. 34*                             | *                      |                                       |               |                                       | Other: [5] [5]                      |
| Length of     | f Water Colum              | n:f                             | eet 🎌                           | Well Volume:                         | - 0 041 gal/ft         | _ gal<br>2-in well = 0 167            | Screened in   | nterval (from (<br>ell = 0.667 gal/)  | GS):<br>ft 6-in well = 1.469 gal/ft |
| 0 01100       | DATA"                      | S 36                            | 200                             |                                      |                        |                                       |               |                                       |                                     |
| 3. PURG       | iL DAIA:<br>iea ⊓          | ler Size                        | Date Pul                        | ged: 1~1.70                          | □ 25 Súb. Pu           | ime: <u>∪ ∦ (</u><br>.mp * ⊈14" Sub.  | Pump .        | 27                                    | Equipment Model(s)                  |
| Purge Mo      | ethod: ☐ Bai               | rifugal Pump                    | □ Peristal                      | tic Pump 🗖 Ine                       | rtial Lift Pump        | Other: 3/4                            | 7 304 , 201   | . 104                                 | et isce                             |
| Materials     | s: Pump/Bailer             | ☐ Polyethy                      | ylerie <b>⊈</b> Sta<br>edi □ Pr | inless DPVC epared Off-Site          | ☐ Teflon® ☐ Field-Clea | l Other:ned □ Dispos                  | able          | 2:- <u>V</u>                          | m. Digar T                          |
| Materials     | s: Rope/Tubing             |                                 |                                 |                                      |                        | lon                                   |               |                                       |                                     |
|               | to Purge (minir            |                                 |                                 |                                      |                        |                                       | ne            | 4. <u>(X</u>                          | ED MIPIO                            |
|               |                            | mum):<br>□ Yes                  |                                 | Pumping Rat                          |                        |                                       |               |                                       | Calibrated? ☐Yes ☐                  |
| was wel       | l purged dry? Cum. Gallons | pH                              | Temp                            | Spec. Cond.                          |                        | DO                                    | Turbidity     |                                       |                                     |
| Time          | Removed                    | ±0.1 su                         | ±2°C                            |                                      |                        | > of ±10% or                          | ≤ 10 NTU      | Water Level                           | Comments                            |
|               | (gal)                      | 20.1.00                         |                                 | ±10 µS/cm                            | ±20 mV                 | ±0.2 mg/L                             |               | 37.91                                 | propo                               |
| 0905          | Sterr                      |                                 |                                 |                                      |                        |                                       | H111          | 37.71                                 | art pin                             |
| 0920          | YST FU                     | 7.29                            | 0.195                           | 17.15                                | -24.8                  | 3.83                                  | 321           | 38.13                                 | V. Turbid                           |
| 0980          | 0.1                        | 7.51                            | 16.97                           | 0.192                                | -25.5                  | 3.40                                  | 301           | 38.10                                 |                                     |
| 0940          | 0.2                        | 7.55                            | 16.87                           | 0.191                                | -26.2                  | 3.25                                  | 245           | 38./5                                 |                                     |
| 0950          | 0.3                        | 7.5c                            | 16.89                           | 0.190                                | -26.5                  | 3.15                                  | 115           | 38.11                                 | _                                   |
| 0 (30         |                            | ·                               |                                 |                                      |                        | · · · · · · · · · · · · · · · · · · · |               | Purge dat                             | ta continued on next sheet?         |
| 4. SAM        | PLING DA                   | TA                              | 10                              |                                      |                        |                                       |               | Geoc                                  | hemical Analyses                    |
| Method(       | □ Bai                      | iler Size                       | Parieta                         | Bladder Pump                         | □ 2" Sub. Pu           | ımp □ 4" Sub.<br>□ Other:             | Pump          | Ferro                                 | ous Iron:mg/L                       |
| Ì             | s: Pump/Bailei             | mugai rum                       | ) a l'elista                    | inless ☐ PVC<br>epared Off-Site      |                        |                                       |               | DO:                                   |                                     |
|               |                            | <b></b>                         |                                 | epared Off-Site<br>ypropylene $\Box$ |                        |                                       | able          | Nitrat                                |                                     |
| Material      | s: Tubing/Rop              | e <b>ॼ</b> Polyeth<br>□ Dedicat | yiene ⊔ Pol<br>ed □ Prep        | ypropylene u<br>ared Off-Site        | ☐ Field-Cleane         | d Disposab                            | ile           |                                       |                                     |
| Depth to      | Water at Tim               | e of Sampl                      | ing:                            | / 80-                                | _                      | d? □ Yes t                            | No 2          | Sulfa                                 |                                     |
| Sample        | ID: 47 2                   | Sample D                        | ate: ( <b>9.1/0</b>             | Sample                               | Time:_ <i>[[[5</i>     | # of Contai                           |               | Alkali                                | inity:/mg/L                         |
| I ' '         | te Sample Coll             | ected?□                         | Yes 🗹 No                        | D:                                   |                        | # of Contai                           |               |                                       |                                     |
| Equipm        | ent Blank Colle            | ected? □                        | Yes 🗹 N                         | D:                                   |                        | # of Contai                           | ners:         |                                       |                                     |
| 5. COM        | MENTS                      | Puro (                          | e ~12                           | 51                                   |                        |                                       |               |                                       |                                     |
| =             |                            | - [                             |                                 |                                      |                        |                                       |               |                                       |                                     |
|               |                            |                                 |                                 |                                      |                        |                                       |               | · · · · · · · · · · · · · · · · · · · |                                     |
| Note: Include | comments such              | as well cond                    | dition, odor, p                 | resence of NAF                       | PL, or other item      | s not on the field                    | i data sheet. |                                       |                                     |

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Signature



| WELL ID: MW-42 Zone 1 |  |
|-----------------------|--|
|-----------------------|--|

|             | GE DATA                 | 1             |                |                                       |         |                 |                       |                   | 7           |  |
|-------------|-------------------------|---------------|----------------|---------------------------------------|---------|-----------------|-----------------------|-------------------|-------------|--|
| Time        | Cum. Gallons<br>Removed | pH<br>±0.1 su | Temp<br>±2°G ▶ |                                       |         | DO > of ±10% or | Turbidity<br>≤ 10 NTU | Water Leve        | . (         | Comments                               |
|             | (gal)                   |               |                | ±10 µS/cm                             | ±20 mV  | ±0.2 mg/L       | <u> </u>              | <b>15</b>         | 1           |  |
| 10,00       | 1                       | 7.59          | 16.87          |                                       | -268 m. |                 | 38,13                 |                   |             |  |
| INO         | 0.6                     | 7.61          | 17.01          | 0.189                                 | -28.1   | 296             | 821                   | 38.12             |             | - 4                                    |
| 1020        | 0.7                     | 7.70          | 17.44          | 0.189                                 | -29.7   | 291             | 82.6                  | 38.08             |             |  |
| 1030        | 0.8                     |               | 18.12          | 0.189                                 | -30.8   | 2.83            | 72.4                  | 38.10             |             |  |
| १०५०        | 0.9                     | 7.20          | 18,23          | 0.189                                 | -36.1   | 2.80            | 691                   | 38.05             |             |  |
| ७५०         | 1.0                     | 7.85          | 18.56          | 0.188                                 | -33.8   | 2.82            | 59.1                  | 38.10             |             |  |
| 100         | 1.1                     | 7.81          | 18.38          | 0.187                                 | -32.4   | 280             | 50.6                  | 38,04             |             |  |
| 1110 27     | 1. 200 181              | 7.79          | 18.25          | 0.187                                 | -315    | 2.78            | 40.8                  | 38.01             | 1           | St. 11-2                               |
| 1115        | Softel -                |               |                |                                       |         |                 |                       |                   |             | 11 14 14 14 14 14                      |
|             | W. V 3 1                |               |                | = = = = = = = = = = = = = = = = = = = |         |                 |                       | i                 | <del></del> |  |
| - ;         | 77. 43/5                |               |                |                                       |         |                 |                       |                   |             | 2461                                   |
| •           |                         |               |                |                                       |         | -               |                       |                   |             | 2011                                   |
|             |                         |               |                |                                       |         |                 |                       |                   | -           | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ |
|             |                         |               |                |                                       |         | · .             |                       |                   |             |  |
|             | · · · · · ·             | 17,44         | -              | _                                     |         |                 |                       |                   | 1.77        |  |
| ý           | ieno .                  |               | 746            | C0 • G                                | 1. 1.   | Corre           |                       | <del>'</del>      | 3 ;6.       | <del></del>                            |
| <del></del> | -                       | - (*          | - <u>500</u>   | 311.5                                 | 3.7     | 391.0           | 71.01                 | ;देश <del>ः</del> | 1.5         | 1575                                   |
|             | 4                       | 1.05          | 27.00          | 3.6                                   |         |                 | .4                    | 77:               | A. 19.      | ( yn                                   |
|             |                         | 1.24          | 211            | > 0                                   | 3.3     | - 03,00         | -,                    |                   | •           | ,,,,,,                                 |
|             |                         |               |                |                                       |         |                 |                       |                   |             |  |
|             |                         |               |                |                                       |         | - 3             | * :                   |                   |             |  |
|             |                         |               |                |                                       |         |                 |                       |                   |             | ****                                   |
|             | -                       |               |                |                                       |         |                 | ``                    |                   |             | = (2)                                  |
|             |                         |               |                | ٠. •                                  |         |                 |                       |                   |             |  |
|             |                         |               | 0              |                                       |         | ed the          |                       | 1 34              | ·F-19       | -000                                   |
|             |                         | 4.            |                |                                       |         |                 |                       |                   |             |  |
|             |                         |               |                |                                       | •       | 4               | ٠                     |                   |             |  |
|             |                         |               |                |                                       |         | 130             | · ~                   | 0                 |             |  |
|             |                         |               |                |                                       |         |                 | 3:                    | -                 |             | A 0 -                                  |

Purge data continued on next sheet?

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## GROUNDWATER SAMPLING FIELD DATA SHEET

WELL ID: MW-42 Zone 2

| 1 DD0          | IFOT IN                 |                               | TION                     |                                 |                                |                                 |                              |                                    |                                 |
|----------------|-------------------------|-------------------------------|--------------------------|---------------------------------|--------------------------------|---------------------------------|------------------------------|------------------------------------|---------------------------------|
| ı              | JECT INF                |                               |                          |                                 |                                | •                               |                              |                                    |                                 |
|                | Number: <u>13</u>       |                               |                          |                                 |                                | Area of Con                     | 4 -                          |                                    |                                 |
| _              | Owens Cor               |                               |                          | ualin a                         |                                | _                               |                              |                                    |                                 |
|                | Location: An            |                               |                          |                                 |                                | _ Weather:(                     |                              |                                    |                                 |
|                |                         |                               |                          | easured: 15                     | NOV.10                         | Time: 4.7                       | 528                          | · Tem                              | porary Well: □Yes 🗗No           |
|                | Diameter:               |                               |                          | Type: <b>⊈</b> P\               | C Stainles                     | s 🛚 Galv. Stee                  | l □ Teflon®                  | Other:                             | <del>113 200</del> <b>215</b> 0 |
|                | Diameter:               |                               |                          |                                 |                                | s 🛚 Galv. Stee                  |                              |                                    |                                 |
|                | epth of Well:           |                               |                          |                                 |                                |                                 |                              |                                    | Other:                          |
| •              | Static Water:           |                               | _                        |                                 |                                |                                 |                              |                                    | Other:                          |
|                | Product:                |                               |                          |                                 |                                |                                 | Top of Protect               | ive Casing                         | Other:                          |
| Length (       | of Water Colur          | mn:                           | _feet                    | Well Volume<br>Note: 1-in well  | 9:<br>l = 0.041 gal/ft         | gal<br><i>2-in well = 0.16</i>  | Screened in 17 gal/ft 4-in v | Interval (from<br>well = 0.667 gal | GS):                            |
| 3. PUR         | GE DATA                 |                               | Date Pu                  | ırged: 🕊.                       | VOV./O                         | Time: 12                        | 15                           |                                    | Equipment Model(s)              |
| Purge M        | lethod: 🔲 Ba            | iler, Size: _<br>trifugal Pum | p 🛘 Perista              | Bladder Pum                     | p 🛘 2" Sub. P                  | ump 4" Sub                      | Pump                         |                                    | SI 356 MPS                      |
|                | s: Pump/Bailer          | , D Polyeth                   | nylene 🗷 Sta             | ainless D PVC                   | ☐ Teflon® [                    | Other:                          |                              |                                    | PRT-15CE                        |
| 55 (7)         |                         | ☐ Dedica                      | ted 🗓 P                  | repared Off-Site                | Field-Clea                     | aned 🛭 Dispo                    |                              |                                    | um Dipper T                     |
|                | s: Rope/Tubino          | □ Dedica                      | ted UPrep                | pared Off-Site                  | ☐ Field-Cleane                 | ylon ☐ Other:_<br>ed ☐ Disposal | ble                          | _                                  | ED - MP-10                      |
|                | to Purge (mini          | mum):                         | well \                   | olumes or                       |                                | gallons                         |                              | 4. <u>Ott</u>                      | ·                               |
| Was we         | l purged dry?           | ☐ Yes                         | <del></del>              | Pumping Ra                      |                                | gal/min                         |                              | <del></del>                        | Calibrated? Tyes                |
| Time           | Cum. Gallons<br>Removed | pН                            | Temp                     | Spec. Cond.                     |                                | DO                              | Turbidity                    | \A/-411                            |                                 |
|                | (gal)                   | ±0.1 su                       | ±2°C                     | > or ±3% or<br>±10 µS/cm        | > 01 ±10% or<br>±20 mV         | > of ±10% or<br>±0.2 mg/L       | ≤ 10 NTU                     | Water Level                        | Comments                        |
| 1245           | Ster                    | •                             |                          |                                 |                                |                                 |                              | 39.41<br>32.80                     | de py , h                       |
| 1325           | पुत्र ह्या              | 7.60                          | 21.17                    | 0.696                           | -50.6                          | 3.09                            |                              | 36.43                              |                                 |
| 1335           | 0.05                    | 7.49                          | 20.96                    | 0.693                           | -46.5                          | 2.49                            | 11.3                         | 37.88                              |                                 |
| 1345           | 0.1                     | 7.37                          | 20.21                    | 0.695                           | -40.3                          | 1.86                            | 11.0                         | 39.68                              |                                 |
| 1355           | 0.15                    | 7.37                          | 20.14                    | 0.694                           | -464                           | 1.63                            | 10.6                         | 40.89                              |                                 |
| 4 0 4 4 4 5    | 1110 51                 |                               |                          |                                 |                                |                                 | 0                            | Purge data                         | a continued on next sheet?      |
| 4. SAIVIF      | LING DA                 |                               | .4.                      | <u> </u>                        |                                | *                               |                              | Geoch                              | nemical Analyses                |
| Method(s       | i): 🔲 Centri            |                               | ☐ Peristalt              | ic Pump 🗖 Iner                  | tial Lift Pump (               | np 🛘 4" Sub. i                  | ump                          | Ferrou                             | ıs Iron:                        |
| Materials      | : Pump/Bailer           | Polyethy Dedicate             | lene 🗗 Stair<br>ed 🔲 Pre | nless PVC  <br>pared Off-Site   | □ Teflon® □<br>□ Field-Clean   | Other:ed 🛘 Disposa              | ıble                         | DO:                                | mg/L                            |
| Materials      | : Tubing/Rope           | ☐ Polyethy ☐ Dedicate         | lene 🗅 Poly<br>d 🕒 Prepa | propylene □ T<br>red Off-Site □ | eflon® ( Nylo<br>Field-Cleaned | on Other:                       |                              | Nitrate                            | : mg/L                          |
| Depth to       | Water at Time           | <b>a</b> .                    |                          |                                 | Field Filtered                 | ? □ Yes 🖪                       | ' No                         | Sulfate                            | e: mg/L                         |
| Sample II      |                         |                               |                          | Sample T                        | ime: <u>/</u> 4/5              | _ # of Contain                  | ers: 2                       | Alkalin                            | ity: mg/L                       |
|                | Sample Collec           |                               |                          | ID:                             | <b></b>                        | # of Contain                    | ers:                         | <u> </u>                           | -                               |
| Equipmer       | nt Blank Collec         | ted? □ Y                      | es 🖳 No                  | ID:                             |                                | # of Contain                    | ers:                         |                                    |                                 |
| . COMN         | MENTS /                 | ه جن                          | us for                   | as it u                         | ald a                          | ~                               |                              |                                    |                                 |
|                |                         |                               |                          | <u></u>                         | 3                              |                                 |                              | 15                                 |                                 |
|                |                         |                               |                          |                                 |                                |                                 |                              |                                    |                                 |
| ote: Include c | omments such as         | s well condit                 | ion, odor, pre           | sence of NAPL,                  | or other items                 | not on the field o              | ata sheet.                   |                                    |                                 |
|                |                         | - 7                           |                          |                                 |                                |                                 | 1 15                         | 5                                  |                                 |

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A Signature

### **GROUNDWATER SAMPLING FIELD DATA SHEET**

| WELL ID: | MW-42 Zone 2                               |
|----------|--|
|          | 1010 T Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z |

|          | Cum. Gallons                                     | pН       | Temp  | Spec. Cond.              | ORP   | DO                        | Turbidity |                | _          |            |
|----------|--|----------|-------|--------------------------|---|---------------------------|-----------|----------------|------------|------------|
| Time     | Removed<br>(gal)                                 | ±0.1 su  | 200   | > of ±3% or<br>±10 µS/cm | > of ±10% or<br>±20 mV                            | > of ±10% or<br>±0.2 mg/L | ≤ 10 NTU  | Water Level    | Comr       | ments      |
| 405      | 0.25   | 4.41     | 19.90 | ≥0.694                   | -42,30,   | 4.40                      | 9.37      |                |            |            |
| 415      | Soyfel   |          |       |                          |   | <u> </u>                  |           |                |            |            |
|          | 7  |          |       |                          |   | •                         |           |                |            |            |
| 425      |  |          |       |                          |   |                           |           | 32.40          |            |            |
| 435      |  |          |       |                          |   |                           |           |                |            |            |
| 445      |  |          |       |                          |   |                           |           |                |            | <u> </u>   |
| - 8 - 12 |  |          |       |                          | 01.10   |                           |           |                |            |            |
| 2 2 12   | 17.5   |          | >     |                          | 9.33  |                           |           |                | t c        |            |
| 3.       |  |          | -4    | 1                        |   |                           |           |                |            |            |
|          | gle i mal  | 1        | -     | <b>—</b>                 |   |                           |           |                |            |            |
|          | 13. 13.  |          | -     | 15.                      |   |                           |           |                | <u> </u>   |            |
|          | 1  | *        |       |                          |   |                           |           |                |            |            |
| _        |  |          |       |                          |   |                           |           |                |            | - <u>-</u> |
|          |  |          |       |                          |   |                           |           |                |            |            |
|          |  | 100.00   |       |                          |   |                           |           |                |            |            |
| ا رائو   | rio (r.  | 32,52    | 1     |                          |   |                           |           |                | 1.16       | ٠Ç.        |
|          |  | CHAN     |       | 10.5                     |   | W/80                      | 720-3     | 100            | Hara Salar | 327        |
|          |  | 23.55    | 8     | -61-                     | 3.00  | C75.0                     | -27-0     | 101.00         | 30.        | :335       |
|          |  |          |       | 1 / · · · ·              | 0.001   | 2000                      |           | 76.            | 1.0        | टाःटी      |
|          |  | 34.55    |       |                          |   |                           |           |                | 30         |            |
|          |  | 1300 000 | 9.5   | \$ 1                     |   | 1170.5                    | 14.5      | 1, e* 0 1,     | 2:,3       | ेट्टी      |
|          |  |          |       |                          |   |                           |           |                |            |            |
| 7        | ^  |          |       | 4 6                      |   |                           |           |                |            |            |
|          |  |          |       |                          | 2542  |                           |           | 5.7            | 77/8       |            |
|          | <del>                                     </del> | -        |       | -                        |   |                           |           | •              |            |            |
| -        |  |          |       |                          |   |                           |           | 0.5            |            |            |
| - 7      | +  |          |       |                          | 5/4,  |                           | 1000      | 1 33           | 19-34      |            |
| -        | 1  | -        |       |                          | <del>                                      </del> | Se se se                  | -54       |                |            | 2 2000 12  |
|          | -  | +        |       |                          | 1   |                           |           | 9              |            |            |
|          |  |          |       | /'s                      | 12/20   | <u>. 9: 20.</u>           | 2.7       | , <del>,</del> |            |            |

Purge data continued on next sheet?

Signature Signature

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## **GROUNDWATER SAMPLING FIELD DATA SHEET**

WELL ID: MW-42 Zone 3

| 1 DDO          | VECT INC                |                                | TION                              |                                 |                                  |   |                 |                 |                                      |
|----------------|-------------------------|--------------------------------|-----------------------------------|---------------------------------|----------------------------------|---|-----------------|-----------------|--------------------------------------|
|                | JECT INF                |                                |                                   |                                 |                                  | Y                                       |                 |                 |                                      |
|                | Number: 13<br>Owens Cor |                                |                                   |                                 |                                  | Area of Con                             |                 |                 |                                      |
| i -            | Location: An            |                                |                                   | rolino                          |                                  |   |                 | more            |                                      |
|                |                         |                                |                                   |                                 |                                  | _ Weather:(                             | ler ~           | 607             |                                      |
| 2. WEL         | LDATA                   | ٠٠.                            | Date M                            | easured: <u>·l</u> '            | S. NOV: (D)                      | _Time: _/\$                             | 22 7            | *Tem            | porary Well: □Yes □No                |
| 1              | Diameter:               | _                              |                                   |                                 |                                  | ss 🔾 Galv. Stee                         |                 |                 | 105                                  |
|                | Diameter:               | _                              |                                   |                                 |                                  | ss 🛚 Galv. Stee                         |                 |                 |                                      |
|                | epth of Well:           |                                | _                                 |                                 |                                  |   |                 |                 | Other:                               |
|                | o Static Water:         |                                | _                                 |                                 |                                  |   |                 |                 | Other:                               |
|                | o Product:              |                                | _                                 |                                 |                                  |   | Top of Protecti | ive Casing      | Other:                               |
| Length         | of Water Colur          | mn:                            | _feet                             |                                 | 9:<br>l = 0.041 gal/ft           |   | Screened I      | nterval (from   | GS):<br>Vft 6-in well = 1.469 gal/ft |
| 3. PUR         | GE DATA                 |                                | Date Pr                           |                                 |                                  | _Time: _/\$/                            |                 | veii = 0.667 ga |                                      |
|                |                         |                                | -                                 |                                 |                                  |   |                 | بر              | Equipment Model(s)                   |
|                | u Cen                   | itritugai Pum                  | ip 🗀 Perista                      | itic Pump □ In<br>ainless □ PVC | ertial Lift Pump                 | Other: 3/4                              | , //            |                 |                                      |
| Material       | ls: Pump/Baile          | ☐ Dedica                       | ted □P                            | repared Off-Site                | e 🖻 Field-Clea                   | aned 🔲 Dispo                            |                 |                 | RT-15CE                              |
| Material       | s: Rope/Tubin           | g <b>⊈</b> Polyetr<br>□ Dedica | nylene 🗆 Po                       | lypropylene   ared Off-Site     | Teflon® □ Ny                     | ylon □ Other:_<br>ed □ <b>/</b> Disposa | hle             |                 | on Digg-T                            |
| Volume         | to Purge (mini          |                                |                                   |                                 |                                  | -                                       | DIE .           | 4. <u>ک</u>     | EV MP-10                             |
|                | Il purged dry?          | ☐ Yes                          |                                   | Pumping Ra                      |                                  | gal/min                                 |                 |                 | Calibrated? ■Yes □                   |
| Time           | Cum. Gallons            | рН                             | Temp                              | Spec. Cond.                     |                                  | DO                                      | Turbidity       |                 |                                      |
| Tille          | Removed<br>(gal)        | ±0.1 su                        | ±2°C                              | > of ±3% or<br>±10 µS/cm        | > of ±10% or<br>±20 mV           | > of ±10% or<br>±0.2 mg/L               | ≤ 10 NTU        | Water Level     | Comments                             |
| 1322           | Ster -                  |                                |                                   |                                 |                                  |   |                 | 29.28<br>38.97  | Her My<br>Rel                        |
| 1635           | 455 Full                | Feeh.                          | - air                             | him also                        | - Ha                             | Cohan                                   |                 | 36.89           |                                      |
| 1615           | YSI Full                | 7.37                           | 18.71                             | 0.216                           | -64.6                            | 283                                     |                 |                 |                                      |
| 1625           | 0.1                     | 7,43                           | 18.28                             | 0.209                           | -60,4                            | 1.98                                    | 22.4            | 40.19           | 40 Clary                             |
| 635            | 0.2                     | 7.42                           | 18.84                             | 0,203                           | -58.8                            | 1.38                                    | 26.1            | 41.63           |                                      |
| 4 0 4 1 4 5    |                         |                                |                                   |                                 |                                  |   |                 | Purge dat       | a continued on next sheet?           |
|                | PLING DA                |                                | _                                 | <b>4</b>                        | _                                |   |                 | Geoch           | nemical Analyses                     |
| Method(s       |                         | er, Size:<br>ifugal Pump       | Peristalti                        | Bladder Pump<br>c Pump 🗖 Iner   | ⊒ 2" Sub. Pur<br>tial Lift Pump( | mp 🖸 4" Sub. I                          | Pump            | Ferro           | us Iron:                             |
| Materials      | : Pump/Bailer           | ☐ Polyethy☐ Dedicate           | lene <b>0≜∕</b> Stair<br>ed □ Pre | nless DPVC I                    | ☐ Teflon® ☐                      | Other:                                  | hlo             | DO:             |                                      |
| Materials      | : Tubing/Rope           | <b>Q</b> -Polyethy             | lene 🗆 Polv                       |                                 | efion® [                         | on 🛘 Other:                             | ·<br>           | Nitrate         |                                      |
| Depth to       | Water at Time           |                                |                                   |                                 | Field Filtered                   |   |                 | Sulfate         | э: mg/L                              |
| Sample II      | MV-42 Z                 | Sample Da                      | 19.200.10                         |                                 | ime: 1653                        | _ # of Contain                          |                 | Alkalin         |                                      |
| Duplicate      | Sample Colle            | cted?□ Y                       | es <b>→</b> No                    | ID:                             |                                  | # of Contain                            |                 |                 |                                      |
| Equipmer       | nt Blank Collec         | ted? 🗆 Y                       | es <b>≝</b> No                    | ID:                             |                                  | # of Contain                            |                 |                 |                                      |
| . COMN         | /ENTS -                 | hour                           | 4 @                               | ~150"                           |                                  |   |                 |                 |                                      |
|                |                         |                                | <u> </u>                          | 100                             |                                  |   |                 |                 |                                      |
|                |                         |                                |                                   |                                 |                                  |   |                 |                 | I                                    |
|                |                         | <del></del>                    |                                   |                                 |                                  |   |                 | <del></del>     |                                      |
| ote: Include c | omments such as         | s well conditi                 | ion, odor, pre                    | sence of NAPL,                  | or other items                   | not on the field a                      | lata sheet.     |                 |                                      |

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Page of 2 Signature

Signature

# **GROUNDWATER SAMPLING FIELD DATA SHEET**

| WELLIE MIVV-42 Zone 3 |          | NAMA 40 7-10 0 |  |
|-----------------------|----------|----------------|--|
|                       | WELL ID: | MW-42 Zone 3   |  |

|              | GE DATA Cum. Gallons | рН       | Temp      | n page      | ORP                                    | DO                        | Turbidity  |              |             |
|--------------|----------------------|----------|-----------|-------------|--|---------------------------|--|--------------|-------------|
| ime          | Removed<br>(gal)     | ±0.1 su  | ±2°C      | of , 20/ or | > of ±10% or<br>±20 mV                 | > of ±10% or<br>±0.2 mg/L | ≤ 10 NTU   | Water Level  | Comments    |
| ;45          | 0.35                 | 7.42_    | 17.70     | 0.200       | -52464                                 | 21.11                     | 28.1   | 4261         |             |
| 55           | Soplet -             |          | -         |             |  | <u> </u>                  |  |              |             |
|              | Service -            |          |           |             |  | `•                        |  |              |             |
|              |                      |          |           |             |  | Y.                        | <u> </u>   |              |             |
|              |                      |          |           |             |  |                           | <u> </u>   | 76 56        | <del></del> |
|              |                      |          |           |             |  |                           |  |              |             |
| <del> </del> |                      |          |           |             |  |                           |  |              |             |
|              |                      |          |           |             | ************************************** | 6.5.                      |  |              |             |
| 707          | 125 25               |          |           | 132         | 1.00                                   |                           |  |              |             |
| 2.5          | 187 - 151            | 3        | ***       | (\$\)       | 1                                      |                           | 8 <b>6</b> 0   |              |             |
|              |                      | -        |           |             |  |                           |  |              |             |
| \ ·          | a pipi si manani     |          |           |             | -                                      |                           |  | **           |             |
|              | , N C 413.4          | -        |           |             |  |                           |  |              |             |
| 14           |                      |          |           |             |  |                           |  |              |             |
|              |                      | <u> </u> | -         |             | <del> </del>                           |                           |  | <u> </u>     |             |
|              |                      |          |           |             |  |                           |  |              |             |
|              | 900 Com              | 7 C.St.  |           |             |  |                           | and through the form   | 44 A 44 A    | रका है हैं। |
|              | Ser. 26              | 45.26    |           |             | ,.                                     |                           |  |              | The same    |
| -            |                      | 1.00     |           | -20-40      | -e7,                                   | 100 2 00                  | اله الأوا  |              |             |
|              | <del> </del>         |          |           |             |  | 324 i • UI                | 11.01  | 1 CA         | u 301 G     |
| (            | 1.                   | 11.00    | 1000      | 30.         | 12 (12 G                               | 1000                      | (1) - (2) (1)<br>(1) - (1) (1)   | ~ 1 44       | 1.0         |
|              |                      | 01.15    |           |             |  | 2-25                      |  |              |             |
|              |                      | S 26.11  |           | <u>ુ</u>    | \$ \$ . s                              | 1                         |  | * * ',       |             |
|              |                      |          |           |             |  |                           |  |              |             |
| _            |                      |          | -         |             |  |                           | •  |              |             |
|              |                      |          | -         | 106         | -                                      |                           | in the same of the |              |             |
|              |                      |          |           |             |  | t .                       |  |              |             |
|              |                      |          |           |             | <i>f<sub>e</sub></i> =                 |                           |  |              |             |
|              |                      |          |           | <           | 2.5                                    |                           | 25.530.57  | 8.5          | an .un      |
|              |                      |          | _ · · · · |             | 76.0                                   |                           | 11.11.11.11.11.11  |              |             |
|              |                      | _        | i selli   |             | -                                      | 100 g 100                 |  |              |             |
|              |                      |          | 28        |             |  | £.,                       | - '-   |              |             |
|              |                      |          |           |             |  | 201                       |  | 4 - 21 1 3 4 |             |

Purge data continued on next sheet?  $\ \Box$ 

Signature

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BROWN AND CALDWELL

FORM GW-2 (Rev 25.Sept.08 - sej)

WELL ID: \_\_Alloy\_\_

| 4 000         | ICOT INIC                                |                             |                  |                                  |   |                              |             |             |                             |
|---------------|--|-----------------------------|------------------|----------------------------------|---|------------------------------|-------------|-------------|-----------------------------|
|               | JECT INFO                                |                             |                  |                                  | .4  |                              |             |             |                             |
| -             | Number: <u>138</u><br>Owens Co <u>rn</u> |                             |                  |                                  |   |                              |             |             | nl.                         |
|               | _ocation: And                            | lerson S                    | outh Car         | olina                            |   | Weather:                     | is cost     | 580 5       |                             |
|               |  |                             |                  |                                  |   |                              |             |             |                             |
|               | L DATA                                   |                             |                  |                                  | ,   |                              |             |             | orary Well: □Yes □No        |
| _             | Diameter:                                |                             |                  |                                  |   | ☐ Galv. Steel                |             |             |                             |
|               | Diameter:                                |                             |                  | _                                |   | ☐ Galv. Steel                |             |             |                             |
| Total De      | epth of Well:                            | 31<br>2 051°                | feet<br>5,2      |                                  |   |                              |             |             | Other:                      |
|               | Static Water                             |                             |                  |                                  |   |                              |             |             | Other:                      |
|               | Product: 1                               |                             |                  | Well Volume                      |   |                              | •           | _           | GS):                        |
| Length        | of Water Colum                           | ın:                         | reet             |                                  |   |                              |             |             | ft 6-in well = 1.469 gal/ft |
|               | GE DATA                                  |                             |                  |                                  |   |                              |             |             | Equipment Model(s)          |
| Purge M       | lethod: 🔲 Ba                             | iler, Size:<br>trifugal Pum | <br>D □ Peristal | I Bladder Pump<br>tic Pump □ Ine | o <b>09∕</b> 2" Sub. Pu<br>ertial Lift Pump | mp 🔲 4" Sub.<br>🔲 Other:     | Pump        | 1           |                             |
|               | s: Pump/Bailer                           | C) Delveth                  | vlene ID Sta     | inless ID PVC                    | ☐ Teflon® □                                 | Other:                       |             | 2           |                             |
| Material      | s: Rope/Tubing                           | , De olyeth                 | ylene 🛚 Pol      | ypropylene 🛚                     | Teflon® □ Ny                                | lon 🖸 Other:<br>d 🛂 Disposat |             | 3           |                             |
| Volume        | to Purge (mini                           |                             |                  |                                  |   |                              | nje         | 4           |                             |
|               | Il purged dry?                           | ☐ Yes                       |                  | Pumping Rat                      |   |                              |             |             | Calibrated? Yes             |
|               | Cum. Gallons                             | pН                          | Temp             | Spec. Cond.                      | ORP   | DO                           | Turbidity   |             |                             |
| Time          | Removed<br>(gal)                         | ±0.1 su                     | ±2°C             | > of ±3% or<br>±10 µS/cm         | > of ±10% or<br>±20 mV                      | > of ±10% or<br>±0.2 mg/L    | ≤ 10 NTU    | Water Level | Comments                    |
| 1417          | 0  | 6.35                        | 19,03            | 84                               | 101,5                                       | 3.33                         | 2.17        | 19,28       |                             |
| 1622          | 2,5                                      | 5.92                        | 19.07            | 88                               | 153,3                                       | 5.21                         | 3.26        | 19.59       |                             |
| 1627          | 5,0                                      | 5,92                        | 19.07            | 88                               | 197.2                                       | 3.94                         | 1.76.       | 19,53       |                             |
| 1632          | 7.5                                      | 5.94                        | 19.06            | 88                               | 47.7  | 3.75                         | 1,44        | 19.53       |                             |
| 1637          | 9.0                                      | 5.90                        | 19.06            | ,88                              | 213.7                                       | 3.62                         | 0.46        | 19.54       |                             |
|               |  |                             |                  |                                  |   |                              |             | Purge data  | a continued on next sheet?  |
| 4. SAM        | PLING DA                                 | ATA                         |                  |                                  |   |                              |             | Geoch       | nemical Analyses            |
| Method(       |  | ler, Size:<br>nfugal Pump   |                  | l Bladder Pump<br>tic Pump 🔲 Ine |   | mp □ 4" Sub.<br>□ Other:     | Pump        | Ferro       | is Iron: mg/L               |
| Material      | s: Pump/Bailer                           | ☐ Polyeth                   | /lene ÜnStai     | nless QPV6                       | ☐ Teflon® ☐                                 | Other:                       | able        | DO: (       | mg/L                        |
| Material      | s: Tubing/Rope                           | 10 Polyeth                  | lene □ Poly      | /propylene 🔲 🗎                   | Γeflon® □ Nyl                               | on 🛚 Other:                  |             | Nitrate     | mg/L                        |
|               | Water at Time                            | <b>Dedicat</b>              | 10               | ared Off-Site                    | Field-Cleaned<br>Field Filtered             | •                            |             | Sulfat      | e: mg/L                     |
| •             | 10: 1985 Alla                            | •                           | J                |                                  |   |                              |             | Alkalir     | N1-X                        |
|               | e Sample Colle                           | {                           |                  | •                                |   | # of Contain                 | 10.         |             |                             |
| •             | ent Blank Colle                          |                             |                  |                                  | 11-16-10                                    | # of Contain                 | ners: Z@    | - +         | 2                           |
| 5. COM        | MENTS                                    |                             |                  |                                  |   |                              |             |             |                             |
| J. OCIVI      |  | -                           |                  |                                  | =======================================     |                              |             |             |                             |
|               |  |                             |                  |                                  |   |                              | ····        |             |                             |
| Note: Include | comments such a                          | as well cond                | ition, odor, pi  | resence of NAPI                  | ., or other items                           | not on the field             | data sheet. |             |                             |
|               |  |                             |                  |                                  |   | (                            |             |             | 4                           |

Page \_\_\_\_ of \_\_\_\_

Signature



| WELL ID: Alloy |  |
|----------------|--|
|----------------|--|

| 3. PURO | SE DATA          | (continu           | ued fron | n page                   | )                      |                           |           |             |              |
|---------|------------------|--------------------|----------|--------------------------|------------------------|---------------------------|-----------|-------------|--------------|
|         | Cum. Gallons     | рΗ                 | Temp     | Spec. Cond.              | ORP                    | DO                        | Turbidity |             |              |
| Time    | Removed<br>(gal) | ±0.1 su            | ±2°C     | > of ±3% or<br>±10 µS/cm | > of ±10% or<br>±20 mV | > of ±10% or<br>±0.2 mg/L | ≤ 10 NTU  | Water Level | Comments     |
| 1642    | 11.0             | 5,93<br>5,93       | 19.05    | 88                       | 216,2                  | 3.54                      | 0.31      | 19.58       |              |
| 1647    | 12.5             | 5,03               | 19.05    | 88                       | 206.2                  | 3,50                      |           | 19.53       |              |
|         |                  | v                  |          |                          |                        |                           |           |             | `            |
|         |                  |                    |          |                          |                        |                           |           |             |              |
|         |                  |                    |          |                          | =                      | 7.                        |           |             |              |
|         | <i>#</i>         |                    |          |                          |                        |                           |           |             | A 11. 11. 11 |
|         |                  |                    | V.       | 21                       |                        |                           |           |             |              |
|         |                  |                    |          |                          |                        |                           |           | á           | La Signatura |
|         |                  |                    |          |                          |                        |                           |           |             |              |
|         |                  |                    |          |                          |                        |                           |           | Ш           |              |
|         |                  |                    |          |                          |                        |                           |           |             |              |
| T.      |                  |                    |          |                          |                        | 11 2                      |           |             |              |
| 0       |                  |                    |          |                          | 1                      |                           |           |             | 5            |
|         |                  | 1                  |          | N.                       |                        | 141                       |           | 1           |              |
|         |                  | 1-1                | 144      |                          | T.                     | li li                     |           |             | -            |
|         |                  | 54 1               | ě        |                          | = = =                  |                           | 137       |             | 1-17-        |
|         |                  | - W <sub>= 2</sub> | . /      |                          |                        |                           |           |             |              |
|         | m                |                    | 4        |                          | 104                    |                           |           |             |              |
| _       | - L              | - 7                | DI 5 1   |                          |                        |                           |           | 22-         | 1            |
|         |                  |                    |          |                          |                        |                           | 1         |             |              |
| 0       |                  |                    |          | *1                       | 100                    |                           |           |             |              |
|         | Ť                |                    |          | 46                       |                        | . 12                      |           |             |              |
|         |                  |                    |          |                          | - 1                    |                           |           |             |              |
|         |                  |                    |          |                          |                        | Q: 3                      |           |             |              |
| 1       | v) –             |                    |          |                          | - 4                    |                           | ar '      | ge#i        | 1877         |
| 8       | -0-5             |                    |          |                          |                        |                           |           | 4           |              |
|         | + -              | R 1 _1             |          |                          | 1 27 6                 | 1                         |           | <i>y</i> =  |              |
|         | Ж                |                    |          |                          |                        |                           |           |             | · Æ          |
|         |                  |                    |          | <u>.</u>                 |                        | •                         |           |             | at           |

Purge data continued on next sheet?  $\ \Box$ 

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Signature

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#### **GROUNDWATER SAMPLING FIELD DATA SHEET**

WELL ID: TW-40

| 1 PRO           | JECT INF                | OBMA.                                   | TION            |                                 | -                         | · · ·                        |             |              |  |
|-----------------|-------------------------|---|-----------------|---------------------------------|---------------------------|------------------------------|-------------|--------------|--|
|                 | Number: <u>138</u>      |   |                 | <sub>her</sub> . 200 00         | )1                        | Area of Co-                  | orn.        |              |  |
|                 | Owens Corr              |   |                 | Del. <u>200.00</u>              |                           |                              |             | Mussa        | <u> </u>                               |
|                 | Location: And           |   |                 |                                 |                           |                              |             |              |  |
|                 |                         |   |                 |                                 |                           |                              |             |              | orary Well: □Yes □No                   |
| D.              | Diameter:               |   |                 |                                 |                           |                              |             |              | —————————————————————————————————————— |
| •               | Diameter:               |   |                 |                                 |                           | s 🛚 Galv. Steel              |             |              |  |
|                 | epth of Well:           |   |                 |                                 |                           |                              |             |              | Other:                                 |
|                 | Static Water:           |   |                 |                                 | •                         |                              |             |              | Other:                                 |
| l .             | Product:                |   |                 |                                 |                           |                              |             |              | Other:                                 |
| •               | of Water Colum          | •                                       |                 |                                 |                           | gal                          |             |              | GS):                                   |
|                 |                         |   |                 |                                 |                           |                              |             |              | ft 6-in well = 1.469 gal/ft            |
|                 | GE DATA                 |   |                 |                                 |                           | _Time: _\_\                  |             |              | Equipment Model(s)                     |
| Purge M         | lethod: ☐ Ba<br>Cent    | iler, Size:<br>trifugal Pumi            | <br>p ☐ Perista | Bladder Pump<br>Itic Pump 🖸 Ine | Sub. Pertial Lift Pump    | ump 🔲 4" Sub.                | Pump        | 1            |  |
|                 | s: Pump/Bailer          | □ Polyeth                               | ylene 🖵 Sta     | inless PVC                      | ☐ Teflon® (               | ☐ Other:                     |             | 2.           |  |
| `               | •                       | □ Dedicat                               | ted 🖵 Pr        | epared Off-Site                 | Field-Clea                | aned 🔲 Dispos                | sable       |              |  |
| Materials       | s: Rope/Tubing          | Dedical                                 | ted DiPrep      | ared Off-Site                   | ☐ Field-Cleane            | yion Uther:_<br>ed Upisposat | ole         | <i>A</i>     |  |
|                 | to Purge (minir         |   |                 |                                 |                           | •                            |             | 4            |  |
| Was wel         | Il purged dry?          | ☐ Yes                                   |                 | Pumping Rat                     |                           | gal/min                      |             |              | Calibrated? XYes □                     |
| Time            | Cum. Gallons<br>Removed | pН                                      | Temp            | Spec. Cond.                     | ORP                       | DO                           | Turbidity   | Water Level  | Commente                               |
| Time            | (gal)                   | ±0.1 su                                 | ±2°C            | > of ±3% or<br>±10 µS/cm        | > of ±10% or<br>±20 mV    | > of ±10% or<br>±0.2 mg/L    | ≤ 10 NTU    | vvaler Level | Comments                               |
| 1633            | 6                       | 12.39                                   | 17.21           | 3370                            | 155.3                     | 8.76                         | 12.56       | 23.35        |  |
| 1               | 1.0                     |   |                 | 3379                            | 109.3                     | 5.03                         | 8.42        | 26.04        |  |
| 1643            | 2.0                     | 12.47                                   | 17.26           | 3390                            | 84.7                      | 4.72                         | 10.40       | 29.22        |  |
| 1648            | 3.0                     | 12.48                                   | 17.36           | 3397                            | 65.3                      | 4.55                         | 12.16       | 33.28        |  |
| 1653            | 4.0                     | 12.40                                   | 117.38          | 3399                            | 59.8                      | 4.45                         | 11.98       | 36.30        |  |
|                 |                         |   |                 |                                 |                           |                              |             | Purge data   | continued on next sheet?               |
| 4. SAMF         | PLING DA                | TA                                      |                 | <u></u>                         |                           |                              |             | Geoch        | nemical Analyses                       |
| Method(s        | s): 🔲 Bail              | er, Size:<br>ifugal Pump                | ☐ Peristalt     | Bladder Pump<br>ic Pump 🗖 Iner  | 2" Sub. Purtial Lift Pump | mp □ 4" Sub.<br>□ Other:     | Pump        | Ferrou       | is Iron: mg/L                          |
| Materials       | s: Pump/Bailer          |   | lene Stai       | nless PVC pared Off-Site        | ☐ Te≸lon® ☐               | Other:                       | able        | ₽0;          | mg/L                                   |
| Materials       | s: Tubing/Rope          | Polyethy                                | lene 🗆 Poly     | propylene 🗆 T                   | reflon® □ Nyi             | lon 🗆 Qther:                 |             | Nitrate      | e:mg/L                                 |
|                 | Water at Time           | Dedicate                                | ed UPrepa       | red Off-Site L                  | J Field-Cleaned           | Disposabl                    | _           | Sulfate      | e: \ \ \ \ mg/L                        |
| Sample I        |                         | s of Sampli<br><b>がっせい</b><br>Sample Da |                 | 1103 ample T                    |                           | f? □ Yes ☑<br># of Contain   | 7           |              | M                                      |
| ·               | e Sample Colle          | •                                       | <u>ا</u>        | ID:                             | 170                       | # of Contain<br># of Contain |             | Alkalin      | ity: mg/L                              |
|                 | nt Blank Collec         |   |                 | ID:                             |                           | # of Contain                 | <del></del> |              |  |
| 5. COM          |                         |   |                 |                                 |                           |                              |             |              |  |
| J. JOIVIII      | *:-:1410 _              |   |                 |                                 |                           |                              |             | •            |  |
|                 | · V                     | 2.1                                     |                 |                                 |                           |                              |             |              |  |
| Note: Include d | comments such a         | s well condi                            | tion, odor, pre | esence of NAPL                  | , or other items          | not on the field             | data sheet  | 1            |  |
| -               | 7. 4                    |   |                 |                                 | -                         |                              | X           | 1-1/C        | he                                     |
| FORM GW-2       | 2 (Rev 25.Sept.0        | 08 - sej)                               |                 | Page                            |                           |                              | Signature   |              | 100                                    |

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### **GROUNDWATER SAMPLING FIELD DATA SHEET**

WELL ID:\_\_\_\_TW-40\_\_\_\_

|      | Cum. Gallons   | рН             | Temp.   | n page<br>Spec. Cond. | ORP                    | DO                                     | Turbidity                                   |             |  |
|------|----------------|----------------|---------|-----------------------|------------------------|--|---|-------------|--|
| Time |                | ±0.1 su        | ±2°C    |                       | > of ±10% or<br>±20 mV | > of ±10% or<br>±0.2 mg/L              | ≤ 10 NTU                                    | Water Level | Comments                                     |
| 658  | 5.0            | 12.49          | 17.47   | 3468                  | <b>\$2.1</b>           | 4.46                                   | 8.52  | 41.95       |  |
| 703  | 6.0            |                |         |                       |                        | = \                                    |   |             |  |
| 708  | 7.0            |                |         |                       |                        |  |   |             |  |
|      |                |                |         |                       |                        |  |   | 247 S)      |  |
|      |                |                |         |                       |                        |  |   | 18 19       |  |
|      |                |                |         |                       |                        |  |   |             |  |
|      |                |                | 9.04    | 7                     | 01:41                  |  |   |             |  |
|      |                |                |         |                       |                        | 2)                                     |   |             |  |
|      |                |                |         |                       |                        |  | ·   |             |  |
|      |                |                |         |                       |                        |  |   |             |  |
|      |                | . <u>-</u>     |         | 3                     |                        |  |   |             |  |
| 12   |                |                |         |                       |                        |  | , ja  | ,           | · · · · · · · · · · · · · · · · · · ·        |
|      |                |                |         |                       |                        |  |   |             |  |
|      |                |                |         |                       |                        |  |   | -           | <u>.                                    </u> |
|      | - 3            | <b>3.</b> (1.) | ्दे.    | ± 1. 1.               | ર.ઇસ્ટ                 | C + d to                               | . S j                                       | 12.5        | C COL  |
|      | 911            | 2.0/2          |         | 000                   |                        | Phoe                                   | 31, 1-1 6                                   | 1.3         |  |
|      |                | 1.PS           | 014.01  | 19                    | <b>∌.</b> 1 €          | 3.00                                   | n,3-4                                       |             |  |
|      |                | 200            | 0/1,51  | 1                     |                        | 10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | ্ত্ৰ কৰা কৰা কৰা কৰা কৰা কৰা কৰা কৰা কৰা কৰ | 1           |  |
|      | 3              | • • •          |         | 7.3.5                 | 1                      | Sact.                                  | 35411                                       | 13 19       |  |
|      |                | 3.390          | 2 00000 |                       | ***                    |  | ,   |             |  |
|      |                |                |         |                       |                        |  |   |             |  |
|      |                |                |         |                       | -                      |  |   |             |  |
|      | a distribution |                |         |                       | * o o o                | 1.0                                    |   |             |  |
| •    | 9              |                |         |                       |                        |  |   | 3.          |  |
|      |                |                | -       |                       |                        | 37 2                                   |   |             | · ,  |
|      |                |                | trace 1 | 0                     | F 1                    | 27);                                   | 1 32  |             |  |
|      |                |                |         |                       |                        |  | 180   |             |  |
|      |                |                |         |                       |                        | -                                      | ,   |             |  |
|      |                |                |         |                       |                        |  |   |             |  |

Signature

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# GROUNDWATER SAMPLING FIELD DATA SHEET

WELL ID: TW-41

| 1 DDC           | VIECT IN               |                          | TION                             |  |  |                              |                 |                  |                                       |
|-----------------|------------------------|--------------------------|----------------------------------|--|--|------------------------------|-----------------|------------------|---------------------------------------|
|                 | JECT INF               |                          |                                  |  |  |                              |                 |                  |                                       |
|                 | Number: <u>13</u>      |                          |                                  |  |  |                              |                 |                  |                                       |
| Client:         | Owens Cor              | ning                     | 0                                |  | <del></del> _  | _ Personnel:_                | K. Kli          | <b>LEISTON</b>   | <u></u>                               |
| Project         | Location: An           | derson,                  | South Ca                         | rolina                                   |  | Weather:                     | 2 nnn.          | 1/CLE            | AR                                    |
| 2. WEL          | L DATA                 |                          | Date M                           | easured: _                               | 11/17/10   | _ Time:                      | 1642            | Tem              | porary Well: □Yes 🌃 No                |
| Casing          | Diameter:              | <u>2i</u> n              | nches                            | Type: ७✓P\                               | VC ☐ Stainle:  | ss 🛭 Galv. Stee              | el 🗆 Teflon®    | Other:           |                                       |
| Screen          | Diameter:              | _2in                     | ches                             | Type: 🖫 P\                               | C Stainles   | ss 🛘 Galv. Stee              | el 🗆 Teflon®    | ☐ Other:         |                                       |
|                 | epth of Well:_         |                          |                                  |  |  |                              |                 |                  | Other:                                |
| Depth t         | o Static Water         | 14.65                    | _feet                            | From: 🖭 To                               | op of Well Casi                                      | ng (TOC)                     | Top of Protecti | ve Casing 🛚      | Other:                                |
| Depth to        | o Product:             |                          | _feet                            | From: 🗆 T                                | op of Well Casi                                      | ng (TOC)                     | Top of Protect  | ive Casing 🛚     | Other:                                |
| Length          | of Water Colur         | mn:                      | _feet                            | Well Volume                              | e:   | gal                          | Screened        | interval (from   | GS):                                  |
| 3 DI ID         | GE DATA                |                          | D-1 D                            |  |  |                              |                 | vell = 0.667 gal | /ft 6-in well = 1.469 gal/ft          |
|                 | A a Haran D Bé         | ailer. Size:             | (                                | Rladder Pum                              | n 19 2" Sub 19                                       | _Time:<br> ump               | D               |                  | Equipment Model(s)                    |
| rurge N         | Method: Cen            | itrifugal Pum            | np 🗆 Perista                     | ltic Pump 🛭 In                           | ertial Lift Pump                                     | Other:                       |                 |                  | Monsoon                               |
| Material        | ls: <u>Pum</u> p/Baile | Polyeti Dedica           | hylene <b>⊊</b> Sta<br>ited □ Pi | ainless <b>W</b> PVC<br>repared Off-Site | ☐ Teflon® I  | Other:                       | sable           | 2                | 151 556 MPS                           |
| Material        | s: Rope/Tubin          | Polyetr                  | nvlene 🗆 Po                      | voropylene 🗆                             | Teflor® D N  | ylon C Other:_<br>ed Disposa |                 | 3                |                                       |
| Volume          | to Purge (mini         |                          |                                  |  |  |                              | ble             | 4                |                                       |
|                 | Il purged dry?         | ☐ Yes                    |                                  |  | te:  |                              |                 |                  | Calibrated? ☐ Yes ☐                   |
|                 | Cum. Gallons           | рН                       | Temp                             | Spec. Cond.                              |  | DO                           | Turbidity       |                  |                                       |
| Time            | Removed<br>(gal)       | ±0.1 su                  | ±2°C                             | > of ±3% or<br>±10 µS/cm                 |  | > of ±10% or                 | ≤ 10 NTU        | Water Level      | Comments                              |
| 1642            |                        | 7.69                     | 1748                             | 0.485                                    | ±20 mV   | ±0.2 mg/L                    | 1 1-1           | 1.45             |                                       |
| 1647            |                        | 7.69                     |                                  | 1  | 1057   | 108.5                        | 6.47            | 14.65            |                                       |
|                 |                        |                          | 17.34                            | 0.485                                    | -125.7   | 55.3                         | 5.66            | 20.70            |                                       |
| 1652            |                        | 7.74                     | 17.83                            | 0.485                                    | -163.9   | 48.3                         | 3.83            | 25.76            |                                       |
| 1657            |                        | 7.79                     | 17.46                            | 0.485                                    | -165.9   | 45.4                         | 2.79            | 32.14            | · · · · · · · · · · · · · · · · · · · |
| 1702            |                        | 7.83                     | 17.79                            | 0.484                                    | -165.8   | 46.1                         | 2.56            | 39.72            |                                       |
|                 |                        |                          |                                  |  |  |                              | 2 00            |                  | continued on next sheet?              |
| 4. SAMF         | PLING DA               |                          |                                  |  |  |                              |                 | 1                | emical Analyses                       |
| Method(s        | s):                    | er, Size:<br>ifugal Pump | □                                | Bladder Pump                             | 2" Sub. Pur  | np □ 4" Sub. F<br>⊐ Other:   | Pump            |                  |                                       |
| Materials       | : Pump/Bailer          | ☐ Polyethy               | lene 🗷 Stain                     | less MPVC (                              | ☐ Teflon® ☐  | Other                        |                 |                  | s Iron: mg/L                          |
|                 | ·                      | ■ Dedicate               | d □Prep                          | pared Off-Site                           | Field-Clean  | ed Disposa                   | ble             | DO:              | mg/L                                  |
| -               | : Tubing/Rope          | Dedicate                 | d 🖸 Prepar                       | ed Off-Site                              | eਜ਼ਰਸਲ <b>⊔</b> Nylo<br>l Field <sub>੍</sub> Cleaned | Disposable                   | <del></del>     | Nitrate          | : mg/L                                |
| Depth to        | Water at Time          | of Samplin               | ng:                              |  | Field Filtered                                       | ? 🗆 Yes 🗅                    |                 | Sulfate          | :: mg/L                               |
|                 | D: TW-41 ;             |                          |                                  |  | J10  | _ # of Contain               |                 | Alkalin          | ity: mg/L                             |
|                 | Sample Collect         |                          |                                  |  |  | # of Contain                 |                 |                  |                                       |
|                 | nt Blank Collec        | iea! u Y                 | es our No                        | ID:                                      |  | # of Contain                 | ers:            |                  |                                       |
| . COMN          | MENTS _                | No                       | WELL (                           | AP                                       |  |                              |                 |                  |                                       |
|                 |                        |                          |                                  |  |  |                              |                 |                  |                                       |
| ote: Include or | omments such as        | well conditi             | on odor ===                      | 2000 - £4145:                            |  |                              |                 |                  |                                       |
|                 |                        | . Hen conditi            | on, odor, pres                   | erice of NAPL,                           | or other items i                                     | not on the field d           | ata sheet.      | 1101             |                                       |
|                 |                        |                          |                                  |  |  | n                            | Ha              | 1///             | 1/1/1/2                               |

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#### **GROUNDWATER SAMPLING FIELD DATA SHEET**

WELL ID: TW-42

| 1. PROJ   | JECT INFO   | ORMA <sup>-</sup>  | ΓΙΟΝ   |  |   |   |  |   |  |
|---|---|--|--|--|---|---|--|---|--|
|   | Number: <u>138</u>  |  |  | ber: <u>200.00</u>   | )1  | Area of Conc  | ern:   |   |  |
| •   | Owens Corn  |  |  |  |   | Personnel:  | BM   |   |  |
| Project L   | ocation: And  | erson, S   | outh Car   | olina  |   | Weather:_~  | 704 CL   | w   |  |
| 2. WELL   | _ DATA `  | 7.4  | Date Me  | asured: 5.   | NOV.16  | Time:   | 12:  |   | orary Well: □Yes 😘   |
|   | Diameter:   |  |  |  |   | s ☑ <b>Gen</b> V. Steel   |  |   | - V.S.   |
| Screen [  | Diameter:   | 1inc   | hes  | Type: □∕PV   | C Stainless   | Galv. Steel   | ☐ Teflon® (  | Other:  | to the second  |
| Total De  | pth of Well:  | 26   | feet   | From: Top  | o of Well Casin   | g (TOC) 🛚 T   | op of Protectiv  | e Casing  | Other:   |
| Depth to  | Static Water:_  | 16.65  | feet   | From: Top  | o of Well Casin   | g (TOC) 🗖 T   | op of Protectiv  | e Casing 🔘  | Other:   |
| Depth to  | Product:  |  | feet   | From: 🗆 To   | p of Well Casin   | g (TOC) 🗆 T   | op of Protectiv  | e Casing 🔘  | Other:   |
| Length o  | of Water Colum  | in:  | feet   |  | :<br>= 0.041 gal/ft   | _ •   |  | •   | GS): 6. 1.469 gål/ft   |
| 3. PURO   | SE DATA   |  | Date Pu  | raed: 20.A   | 10V.10  | Time: /44   | ı  |   | Equipment Model(s)   |
|   | ethod: G Bai  |  |  |  |   |   |  | <br>لاء _1.   | st ssc aps   |
|   |   | D Bolyoth  | vlene 🗹 Sta  | inless □ PVC   | ☐ Teflon® □   | Other:  | <u> </u>   | 2 0   | RT-15CE  |
| Materials   | s: Pump/Bailer  | ☐ Dedica   | ted 🗅 Pr   | repared Off-Site   | Field-Clea  | ned 🗆 Dispos  | sable  | 3. H  | 0 7  |
| Materials   | s: Rope/Tubing  | Polyeth  Dedica  | ylene □ Pol<br>ted □ Prep  | lypropylene 🛚<br>ared Off-Site   | Teflon® <b>ॼ</b> Ny<br>□ Field-Cleane   | /lon □ Other:_<br>ed <b>□</b> Disposat  | ole  | 3. <u>1.2</u>   | FO MAIO  |
| Volume  | to Purge (minir   | mum):  | well v   | olumes or  |   | gallons   |  | 4. (5   |  |
| Was wel   | I purged dry?   | ☐ Yes  | □ No   | Pumping Rat  | te:   | gal/min   |  |   | Calibrated? <b>☑</b> Yes □   |
| Time  | Cum. Gallons<br>Removed   | pН   | Temp   | Spec. Cond.  | ORP   | DO  | Turbidity  | Water Level   | Comments   |
| Time  | (gal)   | ±0.1 su  | ±2°C   | > of ±3% or<br>±10 µS/cm   | > of ±10% or<br>±20 mV  | > of ±10% or<br>±0.2 mg/L   | ≤ 10 NTU   | Water Level   | Comments   |
| 1509  | Ster  |  |  |  |   |   |  | 16.70   | . 10   |
| 1304  | 0,-1,   |  |  |  |   |   |  |   |  |
| 1531  | YSI FY  | 4.68   | 1005   | 0.041  | 80.1  | 5.76  | 62.9   | 16.71   | Turbid   |
|   | •   | 4.68   | 19.25  | 0.041  | 80 .1<br>65.C   | 5.76<br>5.69  | 62.9<br>40.3   | 16.71   | Turbid   |
| 1531  | YSI FU  |  |  |  |   |   | _  |   | Turbid   |
| 1531<br>1540  | YSI F.4.  | 4.39   |  | 0.041  | 65.C  | 5.69  | 40.3   | 16.72   | Tubid  |
| 1531<br>1540<br>1550  | YSI F4<br>0.1<br>0.2  | 4.39   | 19.25  | 0.041  | 65.C<br>53.8  | 5.69<br>5.60  | 40.3<br>24.7   | 16.72<br>16.73<br>16.74   | a continued on next sheet?   |
| 1540<br>1540<br>1550<br>1600  | YSI F4<br>0.1<br>0.2  | 4.39<br>4.25<br>4.18   | 19.25<br>18.83<br>18.60  | 0.041<br>0.040<br>0.04e  | 65.C<br>53.8<br>45.4  | 5.69<br>5.60<br>5.53  | 40.3<br>24.7<br>9.42                                     | 16.72<br>16.73<br>16.74<br>Purge date                           |  |
| 1540<br>1540<br>1550<br>1600  | 0.1<br>0.7<br>0.3<br>PLING DA   | 4.39<br>4.25<br>4.18<br>TA   | 19.25<br>18.83<br>18.60  | 0.040<br>0.040<br>0.040  | 65.C<br>53.8<br>45.4  | 5.69<br>5.60<br>5.53  | 40.3<br>24.7<br>9.42                                     | 16.72<br>16.73<br>16.74<br>Purge date                           | a continued on next sheet?   |
| 531<br> 540<br> 550<br> 600<br>4. SAMF  | 0.1<br>0.7<br>0.3<br>PLING DA   | 4.39 4.25 4.18 TA ler, Size:   | 19.25<br>18.83<br>18.60  | O.O40 O.O40 O.O40 Bladder Pump tic Pump tic Pump to Ine  | 65.C 53.8 45.4  2" Sub. Purtial Lift Pump   | 5.69<br>5.53<br>mp 4" Sub. Other: 3/4   | 40.3<br>24.7<br>9.42                                     | 16.72<br>16.73<br>16.74<br>Purge date                           | a continued on next sheet?   |
| 531<br> 540<br> 550<br> 600<br> 4. SAMF<br>  Method(s                                 | 1\text{ST_FU} 0.1 0.7 0.3  PLING DA s): Bai   | 4.39 4.25 4.18 TA ler, Size:   | 19.25 18.83 18.60  Peristall Viene Staied Pre-   | O.O40 O.O40 O.O40 Dic Pump Ine inless PVC epared Off-Site  | 65.C 53.8 45.4  2" Sub. Purtial Lift Pump Teflon® □ Sefield-Clear   | 5.69 5.53  mp 4" Sub. Other:ned   | 40.3<br>24.7<br>9.42                                     | 16.72<br>16.73<br>16.74<br>Purge date<br>Geoch                  | a continued on next sheet?  nemical Analyses  us Iron:  mg/L  mg/L                 |
| 531<br> 540<br> 550<br> 600<br>4. SAMF<br>Method(s<br>Materials                       | O.1 O.2 O.3  PLING DA s): Bail Centro S: Pump/Bailer s: Tubing/Rope   | 4.39 4.25 4.18 TA ler, Size: infugal Pump Dedicate Polyethy Dedicate     | 19.25 18.83 18.60  Peristall viene State ed Pre viene Poly ed Prepare  | O.040 O.040 O.040 D.040 Dic Pump Ine inless PVC epared Off-Site pump Ine inless Incomplete Incomple | GS.C  53.8  45.4  45.4  □ 2" Sub. Purtial Lift Pump □ Teflon® □ T | 5.69 5.53  mp 4" Sub. Other: 3/4 I Other: ned Dispos on Other: dd   | 40.3<br>24.7<br>9.42<br>Pump                             | 16.72<br>16.73<br>16.74<br>Purge date<br>Geock<br>Ferror<br>DO: | a continued on next sheet?  nemical Analyses  us Iron:  mg/L  mg/L  e:  mg/L       |
| IS31 IS40 IS50 IG00 4. SAMF Method(s) Materials Depth to                              | O.1 O.2 O.3  PLING DA s): Bail Centr S: Pump/Bailer s: Tubing/Rope Water at Time  | 4.39 4.25 4.18 TA ler, Size: infugal Pump Dedicate of Sampli             | 19.25 [8.83 [8.60] Peristalt Valence State ed Previous Preparing:  | O.O40 O.O40 O.O40 O.O40 Dic Pump Ine inless PVC epared Off-Site Ingred Off-Sit | 2" Sub. Purtial Lift Pump Teflon® Teflon® Myl   | 5.69 5.53  mp 4" Sub. Other:  | 40.3<br>24.7<br>9.42<br>Pump<br>able                     | 16.72 16.79 Purge date Geocl Ferror DO: Nitrate Sulfat          | a continued on next sheet?  nemical Analyses  us Iron:  mg/L  mg/L  e:  mg/L  mg/L |
| IS31 IS40 IS50 I600 4. SAMF Method(s) Materials Depth to Sample I                     | O.1 O.7 O.3  PLING DA s): Bail Centr S: Pump/Bailer S: Tubing/Rope Water at Time  | 4.19 4.25 4.18 TA ler, Size: infugal Pump Dedicate of Sample Description | 19.25  18.60  18.60  Peristalit  viene State ed Preparing: ate: 20.86  | O.040 O.040 O.040 O.040 Diadder Pump Ine inless PVC epared Off-Site purpoylene Indeed Off-Site Indeed Off-Site Indeed Off-Site Indeed Off-Site Indeed Off-Site Indeed Off-Site Indeed Off-Site Indeed Off-Site Indeed Off-Site Indeed Off-Site Indeed Off-Site Indeed Off-Site Indeed Inde | 2" Sub. Purtial Lift Pump Teflon® Teflon® Myl   | 5.69 5.53  mp 4" Sub. Other: 3/4 I Other: ned Dispos on Other: dd   | 9.3<br>24.7<br>9.42<br>Pump<br>able                      | 16.72 16.73 16.74  Purge date  Geoch Ferror  DO:  Nitrate       | a continued on next sheet?  nemical Analyses  us Iron:  mg/L  mg/L  e:  mg/L  mg/L |
| IS31 IS40 IS50 IG00 4. SAMF Method(s) Materials Depth to Sample I Duplicate           | O.1 O.2 O.3  PLING DA s): Bail Centr S: Pump/Bailer s: Tubing/Rope Water at Time  | 4.39 4.25 4.18  TA ler, Size:  | 19,25  18.83  18.60  Peristall  Viene Stai  ed Preparing:  20.No  Yes D No   | O.040 O.040 O.040 O.040 O.040 Dic Pump Ine inless PVC epared Off-Site Inared Off-Site Inared Off-Site Inared Off-Site Inared Off-Site Inared Off-Site Inared Off-Site Inared Off-Site Inared Inared Off-Site I | 2" Sub. Purtial Lift Pump Teflon® Teflon® Myl   | 5.69 5.53  mp 4" Sub. Other: 3/4 I Other: ned Dispos on Other: dd | 9.42<br>9.42<br>Pump<br>able<br>le a No aners: 2 mers: 2 | 16.72 16.79 Purge date Geocl Ferror DO: Nitrate Sulfat          | a continued on next sheet?  nemical Analyses  us Iron:  mg/L  mg/L  e:  mg/L  mg/L |
| IS31 IS40 IS50 IG600 4. SAMF Method(s) Materials Depth to Sample I Duplicate Equipme  | VST F-U  O.1  O.7  O.3  PLING DA  s): Bail Centr  s: Pump/Bailer s: Tubing/Rope Water at Time ID: TV-12  e Sample Colle ent Blank Colle                         | 4.39 4.25 4.18  TA ler, Size:  | 19,25  18.83  18.60  Peristalt Properties Pr | O.040 O.040 O.040 O.040 O.040 Dic Pump Ine inless PVC epared Off-Site Corporated Off-Site In Inc.  | 2" Sub. Purtial Lift Pump Teflon® Teflon® Myl   | 5.69 5.53  mp 4" Sub. Other: 3/4 Other: ned Disposabil? Yes Defined # of Contain # of Contain   | 9.42<br>9.42<br>Pump<br>able<br>le a No aners: 2 mers: 2 | 16.72 16.79 Purge date Geocl Ferror DO: Nitrate Sulfat          | a continued on next sheet?  nemical Analyses  us Iron:  mg/L  mg/L  e:  mg/L  mg/L |
| IS31 IS40 IS50 IG00 4. SAMF Method(s) Materials Depth to Sample I Duplicate           | VST F-U  O.1  O.7  O.3  PLING DA  s): Bail Centr  s: Pump/Bailer s: Tubing/Rope Water at Time ID: TV-12  e Sample Colle ent Blank Colle                         | 4.39 4.25 4.18  TA ler, Size:  | 19,25  18.83  18.60  Peristalt Properties Pr | O.040 O.040 O.040 O.040 O.040 Dic Pump Ine inless PVC epared Off-Site Inared Off-Site Inared Off-Site Inared Off-Site Inared Off-Site Inared Off-Site Inared Off-Site Inared Off-Site Inared Inared Off-Site I | 2" Sub. Purtial Lift Pump Teflon® Teflon® Myl   | 5.69 5.53  mp 4" Sub. Other: 3/4 Other: ned Disposabil? Yes Defined # of Contain # of Contain   | 9.42<br>9.42<br>Pump<br>able<br>le a No aners: 2 mers: 2 | 16.72 16.79 Purge date Geocl Ferror DO: Nitrate Sulfat          | a continued on next sheet?  nemical Analyses  us Iron:  mg/L  mg/L  e:  mg/L  mg/L |
| IS31 IS40 IS50 IG600 4. SAMF Method(s) Materials Depth to Sample I Duplicate Equipme  | VST F-U  O.1  O.7  O.3  PLING DA  s): Bail Centr  s: Pump/Bailer s: Tubing/Rope Water at Time ID: TV-12  e Sample Colle ent Blank Colle                         | 4.39 4.25 4.18  TA ler, Size:  | 19,25  18.83  18.60  Peristalt Properties Pr | O.040 O.040 O.040 O.040 O.040 Dic Pump Ine inless PVC epared Off-Site Corporated Off-Site In Inc.  | 2" Sub. Purtial Lift Pump Teflon® Teflon® Myl   | 5.69 5.53  mp 4" Sub. Other: 3/4 Other: ned Disposabil? Yes Defined # of Contain # of Contain   | 9.42<br>9.42<br>Pump<br>able<br>le a No aners: 2 mers: 2 | 16.72 16.79 Purge date Geocl Ferror DO: Nitrate Sulfat          | a continued on next sheet?  nemical Analyses  us Iron:  mg/L  mg/L  e:  mg/L  mg/L |
| IS31 IS40 IS50 IG600  4. SAMF Method(s) Materials Depth to Sample I Duplicate Equipme | VST F-U  O. 1  O. 7  O. 3  PLING DA  s): Bail Centr S: Pump/Bailer S: Tubing/Rope Water at Time D: TV-12  E Sample Colle ant Blank Colle WENTS  Comments such a | 4.39 4.25 4.18  TA ler, Size:  | 19,25  18.83  18.60  19 | O.040  | GS.C  53.8  45.4  — 2" Sub. Purtial Lift Pump  — Teflon® — Nyl  — Field-Cleaned  Field Filtered  Time:  | 5.69 5.53  mp 4" Sub. Other:  | YO.3  2y.7  9.42  Pump  able  le 1 No ners: 2 ners:      | 16.72 16.79 Purge date Geocl Ferror DO: Nitrate Sulfat          | a continued on next sheet?  nemical Analyses  us Iron:  mg/L  mg/L  e:  mg/L  mg/L |
| IS31 IS40 IS50 IG600  4. SAMF Method(s) Materials Depth to Sample I Duplicate Equipme | VST F-U  O. 1  O. 7  O. 3  PLING DA  s): Bail Centr S: Pump/Bailer S: Tubing/Rope Water at Time D: TV-12  E Sample Colle ant Blank Colle WENTS  Comments such a | 4.39 4.25 4.18  TA ler, Size:  | 19,25  18.83  18.60  19 | O.040  | GS.C  53.8  45.4  — 2" Sub. Purtial Lift Pump  — Teflon® — Nyl  — Field-Cleaned  Field Filtered  Time:  | 5.69 5.53  mp 4" Sub. Other:  | YO.3  2y.7  9.42  Pump  able  le 1 No ners: 2 ners:      | 16.72 16.79 Purge date Geocl Ferror DO: Nitrate Sulfat          | a continued on next sheet?  nemical Analyses  us Iron:  mg/L  mg/L  e:  mg/L  mg/L |

FORM GW-2 (Rev 25.Sept.08 - sej)

Page \_\_\_\_\_of \_2 Signature

FORM GW-2 (Rev 25.Sept.08 - sej)

#### **GROUNDWATER SAMPLING FIELD DATA SHEET**

| WELL ID: | TW-42 |
|----------|-------|
|----------|-------|

|            | GE DATA Cum. Gallons | рН      |       | Spec. Cond. | ORP    | DO                        | Turbidity        |             |              |
|------------|----------------------|---------|-------|-------------|--------|---------------------------|------------------|-------------|--------------|
| Time       | Removed<br>(gal)     | ±0.1 su | 1 13  |             |        | > of ±10% or<br>±0.2 mg/L | ≤ 10 NTU         | Water Level | Comments     |
| <b>610</b> | 0.4                  | 4.12    |       | 0.040       | 40.4   | 75.50                     | 5.29             | 16.74       |              |
| 620        | 0.5                  | 4.10    | 18.35 | 0.040       | 37.6   | 5:50                      | 5.15             | 16.75       |              |
| 630        | Saught               |         |       |             |        |                           |                  |             |              |
| ६५०        | ľ                    |         |       |             |        | \a_g                      |                  | >3.31       |              |
| 650        |                      |         |       |             |        |                           |                  |             |              |
| 100        |                      |         |       |             |        | `.                        |                  |             |              |
|            |                      |         | -3    |             | 13134  | A CLA                     |                  |             |              |
| 244        | एक इंक               |         | 100/5 |             |        | `\                        |                  |             |              |
| -          | 151 - 120            |         | 4.71  | •           | 26.5   |                           | ٠.,              |             |              |
| 1.         |                      |         |       |             | ~.     |                           |                  |             |              |
| in half    | 132                  |         |       | 7.          |        |                           |                  |             |              |
| **         |                      |         |       |             |        |                           |                  |             |              |
|            | 128                  |         |       | -           |        |                           |                  |             |              |
|            |                      |         |       |             |        |                           |                  |             |              |
|            |                      |         | -     | 3 = 1       |        | _ = ===                   |                  |             | नम् १८%      |
| 13         | 21010                | 1       |       | 6.          | 1. 12  | 1300                      | ,00,             | (201)       | 138 135      |
|            | ***                  |         | 2 0   | 9.5         | ₩ - 0) | 1000                      | Carple           |             | 121/6        |
| _          |                      | ests :  |       |             | 73.5   | 10 W.C                    |                  | 1.3,        | 2 10 24 1    |
|            | :20                  |         | 1,7   | (10.0       |        |                           | •                | 50          | *            |
| _          |                      | (.5)    |       | Car Strate  | 2 2501 | J10.0                     | 10 .01<br>10 .01 | 511         | Co 100       |
| ·          |                      |         |       | -           |        |                           |                  | 1 2         |              |
|            |                      |         | ·     | 5 1         |        | les                       | <u> </u>         |             |              |
|            |                      |         |       |             |        |                           | 9,               |             |              |
|            |                      |         | a     |             | - 3    | -                         |                  | 5-1         | <del> </del> |
| 120<br>120 |                      |         |       | 44          |        |                           |                  |             |              |
| •          | •                    |         | •     |             |        | 613.11                    | R. P. C.         |             | +·v:         |
|            |                      | = =     |       |             | -47    | 14- ¥5                    |                  |             |              |
|            |                      | 141     |       | i           |        | ==>                       | (4) <u>.</u>     |             |              |
|            |                      |         |       |             |        | 385                       | · 5.             | No. in      |              |

Purge data continued on next sheet?

Page 2 of 2

Signature Signature

# GROUNDWATER SAMPLING FIELD DATA SHEET

WELL ID: TW-43

| 1 PRC           | JECT INF                         |                                 | TION           |                                  |                                   |                      |                                |                   |                                       |
|-----------------|----------------------------------|---------------------------------|----------------|----------------------------------|-----------------------------------|----------------------|--------------------------------|-------------------|---------------------------------------|
|                 |                                  |                                 |                | mhari 200 0                      | 101                               |                      |                                |                   |                                       |
|                 | Number: <u>13</u><br>Owens Cor   |                                 |                |                                  |                                   |                      |                                | <del></del>       |                                       |
|                 | Location: An                     |                                 |                |                                  |                                   |                      |                                | 095               | · · · · · · · · · · · · · · · · · · · |
|                 |                                  |                                 |                |                                  |                                   |                      |                                |                   |                                       |
| Casing          | Diameter:                        | 40005                           | Date w         | easured: T                       | Nev le                            | _ I ime: <u>- 14</u> | 45                             | Tem               | porary Well: 🗆 Yes 🖼 🥦 O              |
|                 | Diameter:                        |                                 |                | Type: @dip\                      | C D Stainles                      | ss U GalvitSte       | el □ Teflon®                   | Other:            |                                       |
|                 | epth of Well:_                   |                                 |                | From: MT                         | on of Well Casi                   | ss 🗆 Galv. Ster      | Top of Brokeni                 | U Other:          | <u> </u>                              |
| 3               | o Static Water                   |                                 |                |                                  |                                   |                      |                                |                   | Other:                                |
| · ·             | o Product:                       |                                 |                |                                  |                                   |                      |                                |                   | Other:                                |
|                 | of Water Colu                    |                                 |                |                                  |                                   |                      |                                |                   | GS):                                  |
|                 |                                  |                                 |                | Note: 1-in well                  | l = 0.041 gal/ft                  | 2-in well = 0.16     | 30 eened 1<br>67 gal/ft 4-in v | well = 0.667 gai  | l/ft 6-in well = 1.469 gal/ft         |
|                 | GE DATA                          |                                 | Date Pu        | ırged: /8./                      | cor.p                             | Time: <u>16</u>      | 20                             |                   | Equipment Model(s)                    |
| Purge N         | /lethod: ☐ Ba                    | ailer, Size: _<br>ntrifugal Pum | np 📮 Perista   | d Bladder Pum<br>altic Pump □ In | p □ 2" Sub. P<br>ertial Lift Pump | ump 🗆 4" Sut         | Pump                           | 1.                | St 586 Mrs                            |
|                 | ls: Pump/Baile                   | Polyeti                         | hvlene 🗹 St    | ainless D PVC                    | ☐ Teflon® I                       | Other:               |                                | 2. <b>D</b> i     | rt-kek                                |
| Materia         | ls: Rope/Tubin                   | ~ 🗹 Polveti                     | nviene 🗆 Po    | repared Off-Site                 | Teffon® (*A)                      | ulon 🗖 Othori        |                                |                   | - Dippe-T                             |
|                 | £                                | U Dedica                        | ited 🚨 Prej    | pared Off-Site                   | ☐ Field-Cleane                    | ed 🗗 Disposa         | ble                            |                   | EP-MP10                               |
|                 | to Purge (mini                   | mum):<br>Yes                    |                |                                  |                                   |                      |                                |                   | 0.17 . 10 . 4.1                       |
| vvas we         | Ell purged dry? Cum. Gallons     |                                 | Temp           | Spec. Cond.                      | te:                               | gal/min              | Tumbiditu                      | <del></del>       | Calibrated? <b>⊈</b> Yes □            |
| Time            | Removed                          | ±0.1 su                         | ±2°C           |                                  |                                   | > of ±10% or         | Turbidity                      | <br>  Water Level | Comments                              |
| 10.00           | (gal)                            | 10.134                          | 12.0           | ±10 μS/cm                        | ±20 mV                            | ±0.2 mg/L            | ≤ 10 NTU                       |                   |                                       |
| 152             | Stor                             |                                 |                |                                  |                                   |                      |                                | 1650              |                                       |
| 1714            | YSI KM                           | 4.83                            | [6.00          | 0.044                            | 7.4                               | 6.40                 |                                | 16.57             | Turbor                                |
| 1724            | 0.1                              | 4.77                            | 15.76          | 0.043                            | 7.3                               | 6.08                 | 30.6                           | 6.89              |                                       |
| 1734            | 0.2                              | 4.72                            | 15.57          | 0.043                            | 8.1                               | 6.03                 | 17.8                           | 16.57             |                                       |
| 1744            | 0.3                              | 4.64                            | 15.37          | 0.042                            | 6.6                               | 5.98                 | 8.38                           | 16.58             |                                       |
|                 |                                  |                                 |                |                                  |                                   |                      |                                | Purge data        | a continued on next sheet?            |
| 4. SAMF         | PLING DA                         | TA                              |                | _                                |                                   | <u></u>              |                                | Geoch             | nemical Analyses                      |
| Method(s        | s): 🛄 Bail<br>🗓 Centr            | er, Size:<br>ifugal Pump        | Peristalt      | Bladder Pump<br>ic Pump 🛭 Iner   | 2" Sub. Pur                       | mp 🛘 4" Sub.         | Pump                           | Ferrou            | us Iron:mg/L                          |
| Materials       | : Pump/Bailer                    |                                 | lene 🗹 Stair   | nless 🗆 PVC (                    | ☐ Teflon® ☐                       | Other:               | •                              | DO:               |                                       |
| Materials       | : Tubing/ <b>R</b> ope           | Polvethy                        | iene 🗆 Polv    | pared Off-Site                   | eflon® Nulc                       | on [] Other          | able                           |                   | mg/L                                  |
|                 |                                  | ☐ Dedicate                      | d 🗆 Prepa      | red Off-Site                     | Field-Cleaned                     | ☐ •Disposabl         |                                | Nitrate           |                                       |
| Sample I        | Water at Time<br>D: <b>TW-43</b> | of Sampli                       | ng:            |                                  | Field Filtered                    | ? 🗆 Yes 🖪            | _                              | Sulfate           | e:mg/L                                |
|                 | Sample Colle                     |                                 |                |                                  | me: 1800                          | _ # of Contair       |                                | Alkalin           | ity: mg/L                             |
|                 | nt Blank Collec                  |                                 |                | ID: <b>E8-</b> [                 | 11810                             | # of Contain         | 7                              | <b>[</b>          | u .                                   |
|                 |                                  |                                 |                |                                  |                                   | # 01 Contain         | iers:                          |                   |                                       |
| 5. COMN         | VIENTS F                         | W C                             | Votten         | of well                          | -                                 |                      |                                |                   |                                       |
|                 |                                  |                                 |                |                                  |                                   | -                    |                                |                   |                                       |
| lote: Include c | omments such as                  | s well conditi                  | ion, odor, pre | sence of NAPL,                   | or other items i                  | not on the field o   | lata sheet.                    |                   |                                       |
|                 | <                                |                                 |                | 13.                              |                                   |                      | 11/                            |                   |                                       |
| ORM GW-2        | (Rev 25.Sept.08                  | 8 - sej)                        |                |                                  | 1                                 |                      | Signature                      |                   |                                       |
|                 |                                  |                                 |                | Page _                           | of 2                              | <u>-</u>             | J                              |                   |                                       |

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## **GROUNDWATER SAMPLING FIELD DATA SHEET**

WELL ID:\_\_\_\_TW-43\_\_\_\_\_

| PUR      | GE DATA          |          | ued fron | n page <u>1</u>          | <del>,)</del>                         |                           | 1                                     | 1 1         |              |                      |
|----------|------------------|----------|----------|--------------------------|---------------------------------------|---------------------------|---------------------------------------|-------------|--------------|----------------------|
|          | Cum. Gallons     | рН       |          | Spec. Cond.              | ORP                                   | DO                        | Turbidity                             | Water Level | Con          | nments               |
| Time     | Removed<br>(gal) | ±0.1 300 | #2°U     | > of ±3% or<br>±10 μS/cm | ±20 mV                                | > of ±10% or<br>±0.2 mg/L | ≤ 10 NTU                              |             |              |                      |
| -50      | 0.35             | 4.59     | 15.17    | .0.042                   | 123                                   | .596                      | 7.07                                  | 16-58       | <del> </del> |                      |
|          | 0.40             | 4.55     | 15.0C    | 0.042                    | 135                                   | 5.93                      | 6.98                                  | 16.58       | <u> </u>     |                      |
| 00       | · Sarghel        |          |          |                          |                                       | `•                        |                                       |             |              |                      |
| -        | 1                |          |          |                          |                                       |                           |                                       | .573        |              |                      |
|          |                  |          |          |                          |                                       |                           |                                       |             |              |                      |
|          |                  |          |          |                          |                                       |                           |                                       |             |              | _                    |
|          |                  |          |          |                          | 231.00                                | 2.51                      |                                       |             |              |                      |
|          | क्षा ५३३ स्ट्रि  |          |          |                          |                                       |                           |                                       |             |              |                      |
|          | 1977 - 1962 ×    |          |          | 80.0                     |                                       |                           | \ <u>\</u>                            |             |              |                      |
|          | James William    | 1        |          |                          | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ |                           |                                       |             |              | N.                   |
|          |                  |          |          |                          | <u> </u>                              |                           | 1                                     | <u> </u>    |              |                      |
|          |                  |          |          |                          |                                       |                           |                                       |             |              |                      |
|          |                  |          |          |                          | ļ                                     |                           | -                                     |             |              |                      |
|          |                  |          |          |                          |                                       |                           |                                       |             |              |                      |
|          |                  | 634.11   |          |                          |                                       |                           |                                       |             |              | - 9                  |
|          | 400              | - 6      |          |                          |                                       |                           | 10.4.1                                |             | ing (19).    | 11 ( 11)<br>11 ( 12) |
|          | A.4. 8.          | 7 - 19 1 | B 4      | 44.0                     |                                       | 1100                      |                                       | 5 g 52      |              | - 17 i               |
| <u> </u> |                  | 1 1      | 100 000  | 80.0                     |                                       |                           | ₩T. 4 3                               | X X • 3"    |              | 1 - 1                |
|          |                  | 200      | 3.1      | - C                      | 1.7                                   | 2:0.0                     | ( a.a.                                |             | 3 SU         | N (2 1)              |
|          |                  | 200      | 35.7     | ج جود                    | 2.2                                   |                           | 7. 5.                                 | 1300        |              | 1 2 51               |
|          |                  |          |          |                          |                                       |                           |                                       |             |              |                      |
|          |                  |          |          |                          |                                       |                           |                                       |             |              |                      |
| 1        |                  |          | ,        | 1                        |                                       |                           | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ |             |              |                      |
|          |                  |          |          |                          | \.,                                   |                           |                                       | 7.4         |              |                      |
|          |                  |          |          | - 1,4                    | 6                                     |                           |                                       | •           |              |                      |
|          |                  |          |          |                          |                                       |                           |                                       |             |              |                      |
| - 1      |                  | ****     |          |                          | al no.                                | the section as            | 1.89                                  |             | 71 VI(3)     |                      |
|          |                  |          |          |                          | 0/3)                                  | -2.3                      |                                       | •           |              |                      |
|          |                  |          |          |                          |                                       | 100                       | Potter                                | -           |              |                      |
|          |                  |          | +        |                          |                                       |                           |                                       |             |              |                      |

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WELL ID: TW-44

|                 |                         |                          |                           | · · · · · · · · · · · · · · · · · · · |                             |                                |                |                  |                            |             |
|-----------------|-------------------------|--------------------------|---------------------------|---------------------------------------|-----------------------------|--------------------------------|----------------|------------------|----------------------------|-------------|
| 1. PRO          | JECT INF                | ORMA                     | TION                      |                                       |                             | 7                              |                |                  |                            |             |
| Project         | Number: <u>138</u>      | 3670                     | _Task Nun                 | nber: <u>200.0</u>                    | 01                          | Area of Con                    | cern:          |                  |                            |             |
|                 | Owens Cori              |                          |                           |                                       | <del></del>                 | _Personnel:_                   | _              | etstone          |                            |             |
| <u> </u>        | Location: And           |                          |                           |                                       |                             |                                | Sunny          |                  |                            |             |
| 2. WEL          | L DATA                  | NO Prij                  | Dấte Me                   | easured: <u>\</u>                     | 1/11/10                     | Time:                          | 40.            | <u>ি ৈ</u> Tem   | porary Well:               | Yes □No     |
| Casing          | Diameter:               | 2 . inc                  | ches -                    | Type: 🗷 PV                            | /C ☐ Stainles               | s 🗖 Galv. Stee                 | Teflon®        | □ Other:         |                            | [           |
| Screen          | Diameter:               | <u>2 →</u> ine           | ches -                    | Type: TYPV                            | C . □ Stainles              | s 🛘 Galv. Ştee                 | Teflon®        | Other:           |                            | (1)         |
|                 | epth of Well:           | 11                       | Argust State Co.          | From: For To                          | on of Well Casin            | m (ŤOC) D T                    | on of Protocti | vo Conina D      | Othorn                     | •           |
| Depth to        | Static Water!           | 11:11                    | feet *                    |                                       |                             |                                |                |                  | Other:                     |             |
|                 | Product:                |                          | -                         |                                       |                             |                                | op of Protecti | ve Casing        | Other:                     | <u> </u>    |
| Length (        | of Water Colun          | nn: <u>\\.\.\\</u>       | _feet                     | Well Volume                           | 9:<br>l = 0.041 gal/ft      | _ gal<br>gal0 16               | Screened I     | nterval (from    | GS):<br>l/ft 6-in well = : | 4.400       |
| 3. PUR          | GE DATA                 |                          | Date Pu                   |                                       |                             |                                |                | veii = 0.007 gai |                            |             |
| Purge M         | lethod: Gen             | iler, Size: _            | ——                        | Bladder Pum                           | p <b>12</b> 2" Sub. Pi      | ump □ 4" Sub                   | . Pump         |                  | Eguipmen<br>Mondoon        |             |
|                 |                         |                          |                           |                                       |                             | ☐ Other:<br>☐ Other:           |                | _                | 151 556                    |             |
| Material        | s: <u>Pum</u> p/Bailer  | □ Dedica                 | ted D.P.                  | repared Off-Site                      | Field-Clea                  | ned 🗆 Dispo                    | sable          | 0                |                            | Y.          |
| Material        | s: Rope/ <u>Tubin</u> c | Polyeth Dedica           | iylens □ Po<br>ted □ Prep | lypropylene 🛭<br>ared Off-Site        | Teflon® □ Ny □ Field-Cleane | rlon 🗆 Other:_<br>d 🗷 Disposal | ble            | 3                |                            |             |
| Volume          | to Purge (mini          |                          |                           |                                       |                             |                                |                | 4                |                            |             |
| Was we          | ll purged dry?          | ☐ Yes                    | ₩ No                      | Pumping Ra                            | te:                         | gal/min                        |                |                  | Calibrated?                | ⊒Yes □      |
| Time            | Cum. Gallons<br>Removed | pН                       | Temp                      | Spec. Cond.                           |                             | DO                             | Turbidity      |                  |                            |             |
|                 | (gal)                   | ±0.1 su                  | ±2°C                      | > of ±3% or<br>_ ±10 µS/cm            | > of ±10% or<br>±20 mV      | > of ±10% or<br>±0.2 mg/L      | ≤ 10 NTU       | Water Level      | Com                        | ments       |
| 1407            | 0                       | 6.07                     | 18-16                     | 0.086                                 | -188.0                      | 76.2                           | 66.2           | 11.11            |                            |             |
| 1412            |                         | 5.77                     | 18.07                     | 0.0TT                                 | -160.0                      | 68.4                           | 62.8           | 17.36            |                            |             |
| 1417            |                         | 5.81                     | 18.14                     | 0.076                                 | -156.1                      | 45.6                           | 38.3           | סהגדו            |                            |             |
| 1422            |                         | 5.81                     | 18.11                     | 0.077                                 | -154.6                      | 64.0                           | 24.2           | 17.85            |                            | ·           |
| 1427            |                         | 5.76                     | 18.05                     | 0.077                                 | -150.2                      | 63.4                           | 16.34          | 19.12            |                            | <del></del> |
|                 |                         |                          |                           |                                       |                             |                                | 70.01          |                  | ta continued on i          | next sheet? |
| 4. SAMF         | PLING DA                |                          |                           |                                       |                             |                                |                | Geoc             | hemical Analy              | ses         |
| Method(s        | s): ☐ Baile             | er, Size:<br>ifugal Pump | □<br>□ Peristalt          | Bladder Pump                          | 2" Sub. Pur                 | mp 🚨 4" Sub. I<br>🗅 Other:     | Pump           | Ferro            | us Iron:                   | ma/L        |
| Materials       | : <u>Pump</u> /Bailer   |                          | lene 🗹 Stair              | niess PVC                             | □ Teflon® □                 |                                |                | DO:              |                            | mg/L        |
| Materials       | : Tubing/Rope           |                          |                           |                                       |                             | •                              |                | Nitrate          | e:                         | mg/L        |
|                 | Water at Time           |                          |                           |                                       |                             | ■Disposable Pes □              |                | Sulfat           | e:                         | mg/L        |
|                 | D: TW-44                |                          |                           |                                       |                             |                                | _              | Alkalir          |                            | mg/L        |
|                 | Sample Colle            |                          |                           | •                                     |                             | # of Contain                   |                |                  | J                          | ··· ə-      |
| Equipme         | nt Blank Collec         | ted?□ Y                  | 'es 🛮 No                  | ID:                                   |                             | # of Contain                   |                |                  |                            |             |
| 5. COM          | /ENTS                   | No.                      | nell c                    | .0                                    |                             |                                |                |                  |                            |             |
|                 |                         | _                        | <del></del>               | 7                                     |                             |                                |                | -                | <del></del>                |             |
| Table 1         |                         |                          |                           |                                       |                             |                                |                |                  |                            |             |
| iote: Include d | omments such a          | s well condit            | ion, odor, pre            | sence of NAPL                         | , or other items            | not on the field o             | data sheet.    | /                | 111                        |             |
|                 |                         |                          |                           |                                       |                             |                                | //             | 16/11            | IHIC                       | _           |

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## **GROUNDWATER SAMPLING FIELD DATA SHEET**

| WELL ID:TW-44 | 100 |
|---------------|-----|
|---------------|-----|

| 1 0110                | SE DATA              |                               |          | Spec. Cond. | ORP                | DO           | Turbidity    |             |  |
|-----------------------|----------------------|-------------------------------|----------|-------------|--------------------|--------------|--------------|-------------|--|
| Time                  | Cum. Gallons Removed | pH :<br>200 € 5 30<br>+0:1:su |          | > of ±3% or | > of ±10% or       | > of ±10% or | ≤ 10 NTU     | Water Level | Comments                                   |
| 120                   | (gal)                | 5.83                          | 18.15    | ±10 μS/cm   | ±20 mV             | ±0.2 mg/L    | 14.81        | 19.84       | <u> </u>                                   |
| <del>432</del><br>437 |                      | 5.86                          | 18.19    | 0.077       | - 151.1            | 61.8         | 13.28        | 19.87       |  |
| 442                   |                      | 5.88                          | 18.25    | 0.076       | -150.6             | 1/           | 10.74        | 19.29       |  |
| 447                   |                      | 5.88                          | 18.25    | 0.077       | -149.4             | 604          | 9.84         | 18.92       |  |
| 77 [                  |                      | 7.00                          | 10.00    | 0. (.       |                    |              |              |             |  |
|                       |                      | ,,,                           |          | ·           |                    |              |              | 98.29       |  |
| <u></u>               |                      |                               |          | 1           | 01) 11             | N ji         |              |             |  |
|                       | Menso                |                               |          |             |                    |              |              |             |  |
| ;                     | 73                   |                               |          |             |                    | •            | •            |             |  |
|                       | 1                    |                               |          |             |                    |              |              |             |  |
|                       |                      |                               |          | :.          |                    |              |              |             |  |
|                       |                      |                               |          |             |                    |              | 1            |             |  |
|                       |                      |                               |          |             |                    |              |              |             |  |
|                       |                      |                               |          | -           |                    |              |              |             | <b>P••</b> 5. 3                            |
|                       |                      | 1.1                           | 3.00     | No.         | 3.7                | 30           |              | 0.          |  |
|                       | 1                    | VC-1                          | 3.20     | 7           | 1 1                |              | 10.0         | 11.0        | - SiAi                                     |
|                       | 1                    | 1 04 1                        | \$.8¢    | W. C. D.    | 1.0001-0           |              | 13.          | 0.0         | \$ 2 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 |
|                       | 1                    | 1                             | 1 4 4    | 72 T V      | 3.13:              | 11000        | 11.01        | 13.6        | (3)  |
|                       |                      | 4                             | C - N/ : | 19.00       | 0.02               | 1100         | 00.01        | 1           | - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1    |
|                       |                      | 1 3 - 4 - 5 - 7               |          | 2.00        |                    | 3,000        |              |             | • • • •                                    |
|                       |                      |                               |          |             |                    |              |              |             |  |
|                       |                      | /                             |          |             |                    | -            | ``           | -           |  |
|                       |                      |                               |          |             | *                  |              | <u> </u>     |             | · Corp. Mills Adjust                       |
|                       |                      |                               |          | -           |                    |              |              |             | • - 3                                      |
|                       |                      |                               |          |             | रूप<br>सुर्वे क्या |              | <b>P. 1.</b> | ~           | 1-1-X                                      |
|                       |                      |                               | 1        |             |                    | ,            |              |             |  |
|                       |                      |                               |          |             |                    |              | <b>V</b>     |             |  |
|                       |                      |                               |          |             |                    | 900          | - Inches     |             | 50812                                      |

Purge data continued on next sheet?

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WELL ID: TW-46

|         |  | JECT INF                           |             |                       | ha 400 00                             | <b>1</b> 4          | A               |                                       |             |                           |  |  |  |
|---------|--|------------------------------------|-------------|-----------------------|---------------------------------------|---------------------|-----------------|---------------------------------------|-------------|---------------------------|--|--|--|
|         |  | Number: <u>136</u><br>Owens Corn   |             |                       | `                                     | <del>-</del>        |                 | 1 1 11                                | hetston     | <i>b</i>                  |  |  |  |
| İ       |  | Location: And                      |             |                       |                                       |                     |                 |                                       | /Clea       |                           |  |  |  |
|         |  |                                    |             |                       |                                       |                     |                 |                                       |             |                           |  |  |  |
|         | 2. WELL DATA  Date Measured: \( \ldots \lfootnote{\bar{b}}\lfootnote{\bar{b}}\) Time: \( \lfootnote{\bar{b}}\lfootnote{\bar{b}}\) Temporary Well: \( \lfootnote{\bar{b}}\) Yes \( \sqrt{\bar{b}}\) Casing Diameter: \( \lfootnote{\bar{b}}\) inches \( \triangle \) Type: \( \sqrt{\bar{b}}\) VC \( \triangle \) Stainless \( \lfootnote{\bar{b}}\) Galv. Steel \( \lfootnote{\bar{b}}\) Teflon® \( \lfootnote{\bar{b}}\) Other: \( \lfootnote{\bar{b}}\)  |                                    |             |                       |                                       |                     |                 |                                       |             |                           |  |  |  |
|         |  |                                    |             |                       | _                                     |                     |                 |                                       |             | 7/1                       |  |  |  |
|         |  | Diameter:                          |             | ches •                |                                       | , .                 | Galv. Steel     | •                                     |             |                           |  |  |  |
|         |  | epth of Well:                      |             | feet                  | 198                                   |                     |                 |                                       |             | Other:                    |  |  |  |
|         | Depth to Static Water: 13.31 feet From: Top of Well Casing (TOC) Top of Protective Casing Other: Top of Well Casing (TOC) Top of Protective Casing Other: Top of Well Casing (TOC) Top of Protective Casing Top of Protective |                                    |             |                       |                                       |                     |                 |                                       |             |                           |  |  |  |
|         | Length of Water Column:feet  |                                    |             |                       |                                       |                     |                 |                                       |             |                           |  |  |  |
|         | Note: 1-in well = 0.041 gal/ft 2-in well = 0.167 gal/ft 4-in well = 0.667 gal/ft 6-in well = 1.469 gal/ft  |                                    |             |                       |                                       |                     |                 |                                       |             |                           |  |  |  |
|         | 3. PUR   | GE DATA                            |             | Date Pu               | rged:                                 | /18/10              | Time:           | 47                                    | 10          | Equipment Model(s         |  |  |  |
|         | Purge M  | lethod: Gai                        | iler, Size: | 0<br>p.    D. Perista | Bladder Pump                          | o 🛂 2" Sub. Pu      | ump 🛛 4" Sub.   | Pump                                  | 1           | Lonsoon                   |  |  |  |
|         |  |                                    | ☐ Polyeth   | vlene 🖫 Sta           | inless 🗆 PVC                          | ☐ Teflon® □         | Other:          |                                       | 2.          | 151 556 MPS               |  |  |  |
| 7       | Materials Commission   |                                    |             |                       |                                       |                     |                 |                                       |             |                           |  |  |  |
| ĺ       | Materials: Rope/Tubing Colyethylene Polypropylene Teflon® Nylon Other:  Wolvethylene Polypropylene Teflon® Nylon Other:  Field-Cleaned Polypropylene Teflon® Nylon Other:  4   |                                    |             |                       |                                       |                     |                 |                                       |             |                           |  |  |  |
|         | Volume   | to Purge (minir                    |             |                       | olumes or                             | !                   | gallons         |                                       |             |                           |  |  |  |
| ŀ       | Was we   | Il purged dry?                     | ☐ Yes       |                       | · · · · · · · · · · · · · · · · · · · | te:                 |                 | T                                     |             | Calibrated?               |  |  |  |
|         | Time   | Cum. Gallons<br>Removed            |             | Temp                  | Spec. Cond.<br>> of ±3% or            | ORP<br>> of ±10% or | DO > of ±10% or | Turbidity                             | Water Level | Comments                  |  |  |  |
|         |  | (gal)                              | ±0.1 su     | ±2°C                  | ±10 μS/cm                             | ±20 mV              | ±0.2 mg/L       | ≤ 10 NTU                              |             |                           |  |  |  |
| l       | 1647   |                                    | 11.38       | 19.87                 | 1.597                                 | -217.5              | 63.2            | 125.7                                 | 23.31       |                           |  |  |  |
|         | 1652   |                                    | 11.62       | 20.03                 | 1.677                                 | -229.3              | 26.0            | 108.3                                 | 29.30       |                           |  |  |  |
| Pump    | 1657   | ×                                  | 11.59       | 20.17                 | 1.663                                 | - 228.3             | 23.8            | 46.6                                  | 31.97       |                           |  |  |  |
| 1 1,500 | 1702   |                                    | 11.53       | 2041                  | 1.600                                 | -228.6              | 22.3            | 50.2                                  | 35.62       |                           |  |  |  |
|         | 1707   |                                    | 11.58       | 20.37                 | 1.561                                 | -230.4              | 20.9            | 40.2                                  | 38.94       |                           |  |  |  |
| L       |  | <u> </u>                           | ((,,,       | 20101                 | 0.000                                 | 2, 300 (            |                 | 70.2                                  |             | a continued on next sheet |  |  |  |
| ſ       | 4. SAMI  | PLING DA                           | TA          |                       |                                       |                     |                 | · · · · · · · · · · · · · · · · · · · | Geoc        | hemical Analyses          |  |  |  |
|         | Method(  | s): 🗆 Bail                         | er, Size:   |                       | Bladder Pump                          | 2" Sub. Pu          | mp 🛛 4" Sub.    | Pump                                  |             | us Iron: mg/l             |  |  |  |
|         | Materials  | s: Pump/Bailer                     |             |                       |                                       |                     |                 |                                       | DO:         | mg/l                      |  |  |  |
|         |  |                                    |             |                       |                                       |                     |                 |                                       |             |                           |  |  |  |
| 1       |  | s: Tubing/Rope                     |             |                       | red Off-Site                          |                     | 25              |                                       | Nitrat      | <del></del> 3             |  |  |  |
|         |  | Water at Time                      |             | ·                     | 110                                   |                     | l? □ Yes □      | _                                     | Sulfat      | <b>~</b>                  |  |  |  |
|         |  | ID: TW-46                          |             |                       | •                                     |                     |                 |                                       | Alkali      | nity: mg/L                |  |  |  |
|         | •  | e Sample Colle<br>ent Blank Collec |             |                       |                                       |                     | # of Contain    |                                       |             |                           |  |  |  |
| Į       | =quipme  | THE DISTRICT COILE                 | Jieu! u     | 140 At 140            | טו                                    |                     | # of Contain    | iers:                                 | <u> </u>    |                           |  |  |  |
|         | 5 COM  | MENTS                              |             | 11                    |                                       |                     |                 |                                       |             |                           |  |  |  |
|         | S. COM   | WILLIAI O                          |             |                       |                                       |                     |                 |                                       |             |                           |  |  |  |

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Page \_\_\_\_ of \_\_\_\_\_ Signature

## **GROUNDWATER SAMPLING FIELD DATA SHEET**

| WELL ID: | TW-46   |  |
|----------|---------|--|
| VVELLID. | 1 77-40 |  |

|      | GE DATA                 |          |       |               | 000                 | D0              | T         | 1           |          |
|------|-------------------------|----------|-------|---------------|---------------------|-----------------|-----------|-------------|----------|
| Time | Cum. Gallons<br>Removed | рН       | Temp  | Spec. Cond.   | ORP<br>> of ±10% or | DO > of ±10% or | Turbidity | Water Level | Comments |
|      | (gal)                   | ±0.1 su  | ±2°C  | ±10 μS/cm     | ±20 mV              | ±0.2 mg/L       | ≤ 10 NTU  |             |          |
| 1712 |                         | 11.50    | 20.70 | 1.496         | - 228.6             | 20.3            | 32.9      | 42.59       | • .      |
| חודו |                         | 11.56    | 20.66 | 1.473         | -230.7              | 19.6            | 23.3      | 46.74       |          |
| 1722 |                         | 11.51    | 20.51 | 1.474         | -227.9              | 19.7            | 12.42     | 49.10       |          |
| 1727 |                         | 11.50    | 20.43 | 1.424         | -228.4              | 18.5            | 13.25     | 50.82       |          |
| 1732 |                         | 11.48    | 20.96 | 1.321         | -230.1              | 18.1            | 10.10     | 54.32       |          |
| 1737 |                         | 11.47    | 21.12 | 1.308         | -230.5              | 18.2            | 9.47      | 57.67       |          |
| 1742 |                         | 11.47    | 21.11 | 1.289         | -229.9              | 18.4            | 8.78      | 60.12       |          |
|      |                         |          |       |               | •                   | -               |           |             | A        |
|      | 34                      |          | 70.00 |               |                     |                 | •         |             | £        |
|      | i i                     | •        |       |               |                     |                 |           |             |          |
|      | -                       |          |       |               |                     |                 |           |             | •        |
|      |                         |          |       |               |                     |                 |           |             |          |
|      |                         | ·        | _     |               | -                   |                 |           |             |          |
|      |                         | 8        |       |               |                     |                 |           |             | •        |
| •    | ·                       | о<br>2 и | 2.    |               |                     |                 |           |             |          |
| . 17 |                         | , .      | e 8   | •             |                     |                 |           | : .<br>:*   |          |
|      |                         |          | *     | . •           |                     |                 | 8         |             |          |
|      |                         | . 12     |       | 20            |                     | *               |           |             |          |
| •    |                         |          |       |               |                     |                 |           | 88          |          |
|      |                         |          |       |               | ,                   |                 |           |             |          |
| ,    |                         |          |       |               |                     |                 | (*        |             |          |
|      |                         |          |       | -             |                     |                 |           |             |          |
|      |                         | •        |       |               |                     |                 |           |             |          |
|      |                         |          |       |               |                     |                 |           |             |          |
|      | <u> </u>                |          |       |               |                     |                 |           |             |          |
|      |                         |          | ø     |               |                     |                 |           |             |          |
|      | 1                       |          |       | - 1           |                     |                 |           |             |          |
|      |                         |          |       | maring - have |                     |                 |           |             |          |

Purge data continued on next sheet?  $\ \square$ 

BROWN AND CALDWELL

WELL ID: 605 Clinkscales Rd

| 4 880         | IFOT INIT                       | 00044                       | FIGNI           |                   |                     |                              |             |  |                                       |
|---------------|---------------------------------|-----------------------------|-----------------|-------------------|---------------------|------------------------------|-------------|--|---------------------------------------|
|               | IECT INFO                       |                             |                 |                   |                     |                              |             |  |                                       |
|               | Number: <u>138</u>              |                             |                 |                   |                     |                              |             | a  |                                       |
|               |                                 |                             |                 |                   |                     |                              |             |  | 4.04                                  |
|               |                                 |                             |                 |                   |                     |                              |             |  |                                       |
| 2. WELI       | _ DATA                          |                             | Date Me         |                   |                     |                              |             |  | oorary Well:                          |
| Casing E      | Diameter:                       | inc                         | hes             | • '               |                     | Galv. Stee                   |             |  | <del></del>                           |
|               | Diameter:                       |                             |                 |                   |                     | Galv. Stee                   |             |  |                                       |
| Total De      | pth of Well:                    |                             | feet            |                   |                     |                              |             |  | Other:                                |
|               | Static Water:_                  |                             |                 |                   |                     |                              |             | -  | Other:                                |
|               | Product:                        |                             |                 |                   |                     |                              |             |  | Other:                                |
| Length o      | f Water Colum                   | nn:                         | feet            |                   | :<br>= 0.041 gal/ft | _ •                          |             |  | GS):<br>//ft 6-in well = 1.469 gal/ft |
| 3. PURC       | SE DATA                         |                             | Date Pu         | rged:             |                     | Time:                        |             |  | Equipment Model(s)                    |
| Purge M       | ethod: 🔲 Bai                    | iler, Size:<br>trifugal Pum | D Peristal      | Bladder Pump      | D 2" Sub. Pu        | ımp □ 4" Sub.<br>□ Other:    | Pump        | 1. <u> </u>                                      | SI                                    |
| Materials     | s: Pump/Bailer                  | □ Polyeth                   | ylene 🗆 Sta     | inless 🗆 PVC      | ☐ Teflon® 0         | Other:                       |             | 2. 【   | urbid. h                              |
|               | •                               | Dedica                      |                 | Ť                 |                     | ined Dispo                   |             |  | 0                                     |
| Materials     | s: Rope/Tubing                  |                             |                 |                   |                     | ed Disposal                  |             |  |                                       |
| Volume        | to Purge (minir                 |                             |                 |                   |                     |                              |             |  |                                       |
| Was wel       | I purged dry?                   | ☐ Yes                       | <del></del>     |                   | te:                 |                              | T           | <del>                                     </del> | Calibrated?                           |
| Time          | Cum. Gallons<br>Removed         | pH                          | Temp            | Spec. Cond.       | ORP<br>> of ±10% or | DO<br>> of +10% or           | Turbidity   | Water Level                                      | Comments                              |
|               | (gal)                           | ±0.1 su                     | ±2°C            | ±10 μS/cm         | ±20 mV              | ±0.2 mg/L                    | ≤ 10 NTU    |  |                                       |
| 445           | 5                               | 4.50                        | 14.39           | 0-116             | -/50/               | 94,3                         | 8.41        |  |                                       |
|               |                                 |                             |                 | •                 |                     |                              |             |  |                                       |
|               |                                 |                             |                 |                   |                     |                              |             |  |                                       |
|               |                                 |                             | ,               |                   |                     | <u>-</u>                     |             |  |                                       |
|               |                                 |                             |                 |                   |                     |                              |             |  |                                       |
|               |                                 |                             |                 |                   |                     |                              |             |  |                                       |
|               |                                 |                             |                 |                   |                     |                              |             | Purge dat  | ta continued on next sheet?           |
| 4. SAMI       | PLING DA                        |                             |                 | Disables Disas    |                     | D.410.b                      | D           | <u>Geocl</u>                                     | hemical Analyses                      |
| Method(       | s): 🔲 Bail                      | ler, Size:<br>rifugal Pump  | ☐ Peristalt     | ic Pump 🚨 Ine     | rtial Lift Pump     | mp □ 4" Sub.<br>□ Other:     | Pump        | Ferro  | us Iron: mg/L                         |
| Materials     | s: Pump/Bailer                  | ☐ Polyethy                  |                 | nless Q PVC       |                     | Other:                       | able        | DO:  | mg/L                                  |
| Materials     | s: Tubing/Rope                  | Polvethy                    | /lene □ Polv    | ·<br>roropvlene □ | Teflon® 🗆 Nvi       | on □ Other:                  |             | Nitrate  | e: mg/L                               |
|               |                                 | ☐ Dedicate                  |                 |                   |                     | Disposab                     |             | Sulfat   | te:mg/L                               |
| Leptin to     | Water at Time<br>Cいっしらこ。<br>ID: | Sample                      | <b></b>         | Sample T          | ime: 45             | ? □ Yes □                    | 1 NO        |  | nity: mg/L                            |
|               | e Sample Colle                  |                             |                 |                   |                     | # of Contain<br># of Contain |             | Aikaili  | y IIIg/L                              |
|               | nt Blank Colle                  |                             |                 |                   |                     |                              |             |  |                                       |
|               |                                 |                             |                 |                   |                     |                              |             |  |                                       |
| 5. COMI       | VIENIS                          |                             |                 |                   |                     |                              |             |  |                                       |
|               |                                 |                             |                 |                   |                     |                              |             |  |                                       |
| Note: Include | comments such a                 | as well condi               | tion, odor, pre | esence of NAPL    | , or other items    | not on the field             | data sheet. |  |                                       |
|               |                                 |                             |                 |                   |                     |                              | $\wedge$    |  |                                       |

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#### **GROUNDWATER SAMPLING FIELD DATA SHEET**

WELL ID: 134 Friendship Ln

| 1. PRO                                  | JECT INFO            | ORMAT               | TION                      |                             |                                  |                              |                 |               |                            |     |
|---|----------------------|---------------------|---------------------------|-----------------------------|----------------------------------|------------------------------|-----------------|---------------|----------------------------|-----|
| Project f                               | Number: <u>138</u>   | 670                 | Task Num                  | ber: <u>300.00</u>          | )3                               | Area of Conc                 | ern:            |               |                            |     |
| Client:_(                               | Owens Corn           | ing                 |                           |                             |                                  | Personnel:                   |                 |               |                            |     |
| Project I                               | _ocation: <u>And</u> | <u>erson, S</u>     | outh Car                  | olina                       |                                  | Weather:                     |                 |               |                            |     |
| 2. WELI                                 | _ DATA               |                     | Date Me                   | asured:                     |                                  | Time:                        |                 | Tempo         | orary Well: □Yes □No       |     |
| Casing [                                | Diameter:            | inc                 | hes                       | Type: □ PV                  | C Stainless                      | Galv. Steel                  | I □ Teflon®     | Other:        |                            | i   |
| Screen I                                | Diameter:            | inc                 | hes                       | Type: □ PV                  | C Stainless                      | Galv. Stee                   | I □ Teflon®     | ☐ Other:      |                            |     |
| Total De                                | pth of Well:         |                     | feet                      | From:   To                  | p of Well Casin                  | g (TOC) 🗆 T                  | op of Protectiv | ve Casing 🔲 0 | Other:                     |     |
| Depth to                                | Static Water:_       |                     | feet                      | From:   To                  | p of Well Casin                  | g (TOC) 🗆 T                  | op of Protectiv | ve Casing 🔲 0 | Other:                     |     |
| Depth to                                | Product:             |                     | feet                      | From:   To                  | p of Well Casin                  | g (TOC) 🗆 T                  | op of Protecti  | ve Casing 🔲 ( | Other:                     |     |
| Length o                                | of Water Colum       | n:                  |                           |                             | :                                |                              |                 | •             | GS):                       | _   |
| O DUD                                   |                      |                     | <del></del>               |                             |                                  |                              |                 |               | t 6-in well = 1.469 gal/ft |     |
|   | GE DATA              |                     | _                         | Oles deles a Deces          |                                  |                              | <b>B</b>        |               | Equipment Model(s)         |     |
| Purge M                                 | ethod: Cent          | rifugal Pump        | □ Peristal                | tic Pump 🛭 Ine              | ertial Lift Pump                 | Other:                       |                 |               | 15.7                       |     |
| Material                                | s: Pump/Bailer       | □ Polyeth □ Dedicat | ylene □ Sta<br>ted □ Pr   | inless  PVC epared Off-Site | ☐ Teflon® ☐ Field-Clea           | □ Other:<br>aned □ Dispo     | sable           | 2             | urbid: by                  |     |
| Material                                | s: Rope/Tubing       |                     |                           |                             |                                  | /lon                         |                 | 3             |                            |     |
| Volumo                                  | to Purge (minir      |                     |                           |                             |                                  | ed 🗆 Disposal                | ble             | 4             |                            |     |
|   | Il purged dry?       | □ Yes               |                           | _                           | te:                              | -                            |                 |               | Calibrated? □ Yes □        |     |
| *************************************** | Cum. Gallons         | pН                  | Temp                      | Spec. Cond.                 | ORP                              | DO                           | Turbidity       |               |                            |     |
| Time                                    | Removed<br>(gal)     | ±0.1 su             | ±2°C                      |                             | 1                                | > of ±10% or                 | ≤ 10 NTU        | Water Level   | Comments                   |     |
|   |                      |                     |                           | ±10 μS/cm                   | ±20 mV                           | ±0.2 mg/L                    |                 |               |                            | —   |
| 1000                                    | 5                    | 6.25                | 16.28                     | 0.127                       | -118.6                           | 125.3                        | 36.1            |               |                            |     |
|   |                      |                     |                           |                             |                                  |                              |                 |               |                            |     |
|   |                      | e:                  |                           |                             |                                  |                              |                 |               |                            |     |
|   |                      |                     |                           |                             |                                  |                              |                 |               |                            |     |
|   |                      |                     |                           |                             |                                  |                              |                 |               |                            |     |
|   |                      |                     |                           |                             |                                  |                              |                 | Purge data    | continued on next sheet?   | ,   |
| 4 SAME                                  | PLING DA             | ΤΔ                  |                           |                             | · -                              |                              |                 | - 1           | emical Analyses            | Ť   |
| Method(                                 | s). 🗆 Bail           | er, Size:           |                           |                             |                                  | mp 🛚 4" Sub.                 |                 |               | <del>-</del>               |     |
| ,                                       | - La Centr           | •                   |                           | •                           | •                                | Other:                       |                 | Ferrou        | ıs Iron: mg/L              | •   |
| Materials                               | s: Pump/Bailer       | ☐ Polyethy          | ed Dere                   | epared Off-Site             | ☐ Teflon® ☐ Field-Clear          | ned 🗆 Dispos                 | able            | DO:           | mg/L                       |     |
| Materials                               | s: Tubing/Rope       | ☐ Polyethy          | rlene 🗆 Poly              | propylene 🔲                 | Teflon® □ Nyi<br>□ Field-Cleaned | lon □ Other:<br>d □ Disposab | le              | Nitrate       | : mg/l                     | _   |
| Depth to                                | Water at Time        | of Sampli           | •                         |                             |                                  | l? □ Yes 0                   |                 | Sulfate       | e: mg/L                    | -   |
| Sample                                  | andship L<br>ID:     | Sample Da           | ate: <b>\\ - \&amp; -</b> |                             |                                  |                              | _               | Alkalin       | ity: mg/L                  | . [ |
| Duplicate                               | e Sample Colle       | cted?□ \            | ∕es <mark>⊶</mark> No     | ID:                         |                                  | # of Contain                 | ners:           |               |                            |     |
| Equipme                                 | ent Blank Collec     | cted? 🗆 🔌           | ∕es <mark>□</mark> No     | ID:                         | <del></del>                      | # of Contain                 | ners:           |               |                            |     |
| 5. COM                                  | MENTS                |                     |                           |                             |                                  |                              |                 |               |                            | 一   |
| J. 001711                               |                      |                     |                           | ·····                       |                                  |                              |                 |               |                            |     |
|   |                      |                     |                           |                             |                                  |                              |                 |               |                            |     |
| Note: Include                           | comments such a      | s well condi        | tion, odor <u>.</u> pr    | esence of NAPI              | ., or other items                | not on the field             | data sheet.     |               |                            |     |

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#### **GROUNDWATER SAMPLING FIELD DATA SHEET**

WELL ID: 200 Friendship Ln

| 1 PRO           | JECT INFO                          | )BMA                                    | LION           |                          | •                   |                                |                              |              |                                     |
|-----------------|------------------------------------|---|----------------|--------------------------|---------------------|--------------------------------|------------------------------|--------------|-------------------------------------|
|                 |                                    |   |                | her: 300 00              | 13                  | Area of Conc                   | ern.                         |              |                                     |
|                 | Owens Corn                         |   |                |                          |                     |                                |                              |              |                                     |
|                 |                                    |   |                |                          |                     |                                |                              |              |                                     |
|                 |                                    | ·                                       |                |                          |                     |                                |                              |              |                                     |
|                 | _ DATA                             |   |                |                          |                     |                                |                              |              | orary Well: □Yes □No                |
| -               | Diameter:                          |   |                |                          |                     | Galv. Stee                     |                              |              |                                     |
|                 | Diameter:                          |   |                | •                        |                     | Galv. Stee                     |                              |              |                                     |
|                 | pth of Well:                       |   |                | _                        |                     |                                |                              |              | Other:                              |
| -               | Static Water:_                     |   |                |                          | •                   | • • •                          | •                            | •            | Other:                              |
|                 | Product:                           |   |                |                          |                     |                                |                              | -            | Other:                              |
| Length o        | of Water Colum                     | n:                                      | feet           |                          | :<br>= 0.041 gal/ft | _ •                            |                              | •            | GS):<br>ft 6-in well = 1.469 gal/ft |
| 3. PURO         | SE DATA                            |   | Date Pu        | rged:                    |                     | Time:                          |                              |              | Equipment Model(s)                  |
| Purge M         | ethod: 🖫 Bai                       | ler, Size:<br>rifugal Pumi              |                | Bladder Pump             | 2" Sub. Pu          | ımp □ 4" Sub<br>□ Other:       | . Pump                       | 1. <u>Y</u>  | ST 554                              |
|                 | s: Pump/Bailer                     | ☐ Polyeth                               | ylene 🗆 Sta    | inless 🗆 PVC             | ☐ Teflon® □         | Other:                         |                              | •            | ich i did                           |
|                 | ·                                  | ☐ Dedica                                |                | •                        |                     | ned Dispo                      |                              |              |                                     |
| Materials       | s: Rope/Tubing                     |   |                |                          |                     | /lon □ Other:_<br>ed □ Disposa |                              | 4            |                                     |
| Volume          | to Purge (minir                    | num):                                   | well v         | olumes or                |                     | gallons                        |                              | ٠            | ·                                   |
| Was wel         | I purged dry?                      | ☐ Yes                                   | □ No           | Pumping Rat              | te:                 | gal/min                        |                              |              | Calibrated?    Yes                  |
| Time            | Cum. Gallons<br>Removed            | pН                                      | Temp           | Spec. Cond.              |                     | 14/                            | Water Level                  | Comments     |                                     |
| Time            | (gal)                              | ±0.1 su                                 | ±2°C           | > of ±3% or<br>±10 µS/cm |                     | > of ±10% or<br>±0.2 mg/L      | ≤ 10 NTU                     | vvaler Lever | Comments                            |
| 1015            | 7                                  | 6.11                                    | 15.46          | ०.२२८                    | -1527               | 104,7                          | 15.74                        |              |                                     |
|                 |                                    |   |                |                          |                     |                                |                              |              |                                     |
|                 |                                    | •                                       |                |                          |                     |                                |                              |              |                                     |
|                 |                                    |   |                |                          |                     |                                |                              |              |                                     |
|                 |                                    |   |                |                          |                     |                                |                              |              | <u> </u>                            |
|                 |                                    |   |                |                          |                     |                                |                              |              |                                     |
|                 |                                    |   |                |                          |                     |                                |                              | Purge data   | a continued on next sheet?          |
|                 | PLING DA                           |   | 5              | District Down            |                     |                                |                              | Geoch        | nemical Analyses                    |
| Method(s        |                                    | er, Size:<br>ifugal Pump                |                |                          |                     | mp 🔲 4" Sub.<br>🖪 Other:       |                              | Ferrou       | us Iron: mg/L                       |
| Materials       | s: Pump/Bailer                     | ☐ Polyethy                              |                | nless PVC                |                     | l Other:<br>ned □ Dispos       | ahle                         | DO:          | mg/L                                |
| Materials       | s: Tubing/Rope                     | □ Polyethy                              | /lene □ Poly   | ⁄propylene □ ¹           | Tefton® 🗆 Nyt       | on 🗆 Other:                    |                              | Nitrate      | e: mg/L                             |
|                 | •                                  | ☐ Dedicate                              | ed 🗆 Prepa     | ared Off-Site            | ☐ Field-Cleaned     | d □ Disposab                   |                              | Sulfat       |                                     |
| Jeptn to        | Water at Time<br>D:                | or Sampli                               | ng:            | 0                        | riela Filtered      | l? □ Yes [                     | No No                        |              |                                     |
|                 |                                    |   |                |                          |                     |                                | ners: <b>&lt;</b> _<br>ners: |              | nity: mg/L                          |
|                 | e Sample Colle<br>ent Blank Collec |   | •              |                          |                     |                                | ners:<br>ners:               |              |                                     |
|                 |                                    | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | . 55 🛥 140     | ·····                    |                     | # OI COIIIal                   | 11013                        |              |                                     |
| 5. COM          | MENTS                              |   |                |                          |                     |                                |                              |              |                                     |
|                 |                                    |   |                |                          |                     |                                |                              |              |                                     |
| Mata, Institut  |                                    |   | Non oder       | -4145                    | au ath 14-          |                                | d-4t4                        |              |                                     |
| vote: include i | comments such a                    | s well condi                            | tion, odor, pr | esence of NAPL           | ., or other items   | not on the field               | data sheet.                  |              |                                     |

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#### **GROUNDWATER SAMPLING FIELD DATA SHEET**

WELL ID: 721 Clinkscales Rd

|  |   |                      |                            |                                   |                                  |                             | -              |             |                            |  |  |  |  |
|--|---|----------------------|----------------------------|-----------------------------------|----------------------------------|-----------------------------|----------------|-------------|----------------------------|--|--|--|--|
| ł  | 1. PROJECT INFORMATION         Project Number: 138670 Task Number: 300.003       Area of Concern: |                      |                            |                                   |                                  |                             |                |             |                            |  |  |  |  |
|  |   |                      |                            |                                   |                                  |                             |                |             |                            |  |  |  |  |
|  |   |                      |                            |                                   |                                  |                             |                |             |                            |  |  |  |  |
| Project I  | ocation: And  | lerson, S            | outh Car                   | olina                             |                                  |                             |                |             |                            |  |  |  |  |
| 2. WELI  | _ DATA  |                      | Date Me                    | easured:                          |                                  |                             |                |             | orary Well: □Yes □No       |  |  |  |  |
| Casing [   | Diameter:   | inc                  | hes                        | Type: □ PV                        | C 🗆 Stainless                    | Galv. Stee                  | ! □ Teflon®    | Other:      |                            |  |  |  |  |
| Screen I   | Diameter:   | inc                  | hes                        | Type: □ PV                        | C 🗆 Stainless                    | Galv. Stee                  | □ Teflon®      | Other:      |                            |  |  |  |  |
| Total De   | pth of Well:  |                      | feet                       | From: 🗆 To                        | p of Well Casin                  | g (TOC) 🗆 T                 | op of Protecti | ve Casing   | Other:                     |  |  |  |  |
| Depth to   | Static Water:   |                      | feet                       | From:   To                        | p of Well Casin                  | g (TOC) 🗆 T                 | op of Protecti | ve Casing   | Other:                     |  |  |  |  |
| Depth to   | Product:  |                      | feet                       | From:   To                        | p of Well Casin                  | g (TOC) 🔲 T                 | op of Protecti | ve Casing   | Other:                     |  |  |  |  |
| Length of Water Column:feet Well Volume:gal Screened Interval (from GS):<br>Note: 1-in well = 0.041 gal/ft 2-in well = 0.167 gal/ft 4-in well = 0.667 gal/ft 6-in well = 1.469 gal/ft  |   |                      |                            |                                   |                                  |                             |                |             |                            |  |  |  |  |
| 2 DUD  | CE DATA   |                      | Data Du                    |                                   |                                  |                             |                |             |                            |  |  |  |  |
| 3. PURC  | SE DATA   | iler. Size:          | Date Pu                    | rgea:<br>Bladder Pumr             | <br>D □ 2" Sub. Pu               | . I≀Me:<br>ump. □ 4" Sub.   | Pumo           |             | Equipment Model(s)         |  |  |  |  |
| Purge Method: Bailer, Size: Bladder Pump 2" Sub. Pump 4" Sub. Pump 1. 4" Sub. Pump 1. 4" Sub. Pump 1. 4" Sub. Pump 2. Tuck 4" Sub. Pump 2. Tuck 4" Sub. Pump 3. 4" Sub. Pump 3. 4" Sub. Pump 4" Sub. Pump 4" Sub. Pump 3. 4" Sub. Pump 4" Sub. Pump 4" Sub. Pump 5. 4" Sub. Pump 5. 4" Sub. Pump 6. 4" Sub. Pump 6. 4" Sub. Pump 6. 4" Sub. Pump 6. 4" Sub. Pump 6. 4" Sub. Pump 7. 4" Sub. Pu |   |                      |                            |                                   |                                  |                             |                |             |                            |  |  |  |  |
| Materials  | s: Pump/Bailer  | ☐ Polyeth ☐ Dedica   | iylene □ Sta<br>ted □ Pi   | ainless 🗆 PVC<br>repared Off-Site | ☐ Teflon® 0<br>Field-Clea        | ☐ Other:<br>uned ☐ Dispo    | sable          | 2. <u>\</u> | ech did                    |  |  |  |  |
| Materials: Rope/Tubing   |   |                      |                            |                                   |                                  |                             |                |             |                            |  |  |  |  |
| Volume   | to Purge (mini  |                      |                            |                                   |                                  |                             | Die            | 4           |                            |  |  |  |  |
|  | I purged dry?   | □ Yes                |                            |                                   | te:                              | -                           |                |             | Calibrated? □ Yes □        |  |  |  |  |
|  | Cum. Gallons  | рН                   | Temp                       | Spec. Cond.                       | 1                                | DO                          | Turbidity      |             |                            |  |  |  |  |
| Time   | Removed<br>(gal)  | ±0.1 su              | ±2°C                       | I                                 | 1                                | > of ±10% or                | ≤ 10 NTU       | Water Level | Comments                   |  |  |  |  |
| סל חו  | 3   | . 20                 | 10 5 2                     | ±10 μS/cm                         | ±20 mV                           | ±0.2 mg/L                   | - ()           |             |                            |  |  |  |  |
| 10 20  |   | 6.30                 | 11,13                      | 0.063                             | ~/31.7                           | 120.5                       | 0.55           |             |                            |  |  |  |  |
|  |   |                      |                            |                                   |                                  |                             |                |             |                            |  |  |  |  |
|  |   |                      |                            |                                   |                                  |                             |                |             |                            |  |  |  |  |
|  |   |                      |                            |                                   |                                  |                             |                |             |                            |  |  |  |  |
|  |   |                      |                            |                                   |                                  |                             |                |             |                            |  |  |  |  |
|  |   |                      |                            |                                   |                                  |                             |                | Purge data  | a continued on next sheet? |  |  |  |  |
| 4. SAMF  | PLING DA  | TA                   |                            |                                   |                                  |                             |                |             | nemical Analyses           |  |  |  |  |
| Method(s   | □ Bail  | er, Size:            |                            | Bladder Pump                      | 2" Sub. Pu                       | mp 🗆 4" Sub.                | Pump           |             |                            |  |  |  |  |
| ,  | ' Centr   |                      |                            | ic Pump □ Inei<br>nless □ PVC     |                                  | Other:                      |                |             | us Iron: mg/L              |  |  |  |  |
| Materials  | : Pump/Bailer   | □ Dedicate           | ed 🗅 Pre                   | epared Off-Site                   | ☐ Field-Clear                    | ned Dispos                  | able           | DO:         | mg/L                       |  |  |  |  |
| Materials  | : Tubing/Rope   | ☐ Polyethy☐ Dedicate | /lene □ Poly<br>ed □ Prepa | /propylene 💷 -<br>ared Off-Site 🛭 | Teflon® □ Nyl<br>□ Field-Cleaned | on □ Other:<br>d □ Disposab | le             | Nitrate     | e: mg/L                    |  |  |  |  |
| 771 / 10   | Water at Time   |                      | _                          |                                   |                                  | ? □ Yes □                   |                | Sulfat      | e: mg/L                    |  |  |  |  |
| Sample I   | nuscales<br>D:  | Sample Da            | ate:// <b>-//</b>          | -10 <sub>Sample T</sub>           | ime: <b>10 35</b>                | _ # of Contair              | ners: 🔾        | Alkalir     | nity: mg/L                 |  |  |  |  |
| Duplicate Sample Collected? ☐ Yes ☑ No ID: # of Containers:  |   |                      |                            |                                   |                                  |                             |                |             |                            |  |  |  |  |
| Equipme  | nt Blank Collec   | cted? 🗆 🔌            | ∕es ☑∕No                   | ID:                               |                                  | # of Contair                | ners:          |             |                            |  |  |  |  |
| 5. COM   | MENTS   |                      |                            |                                   |                                  |                             |                |             |                            |  |  |  |  |
|  | -   |                      |                            |                                   | -                                |                             |                |             |                            |  |  |  |  |
|  |   |                      |                            |                                   |                                  |                             |                |             |                            |  |  |  |  |
| Note: Include o  | comments such a   | s well condi         | tion, odor, pre            | esence of NAPL                    | ., or other items                | not on the field            | data sheet.    |             |                            |  |  |  |  |
|  |   |                      |                            |                                   |                                  |                             | \ \ \ .        |             |                            |  |  |  |  |

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#### **GROUNDWATER SAMPLING FIELD DATA SHEET**

WELL ID: 628 Airline Rd

| Project N     | IECT INFO               | 670  | Task Num                  |                                  |                             |                                 |                 | etstone        | >                                     |
|---------------|-------------------------|--|---------------------------|----------------------------------|-----------------------------|---------------------------------|-----------------|----------------|---------------------------------------|
|               | ocation: And            | -  |                           |                                  |                             |                                 |                 |                |                                       |
| 2. WELI       | DATA                    |  | Date Me                   | asured:                          |                             | Time:                           |                 | Temp           | orary Well: □Yes □No                  |
| Casing E      | Diameter:               | inc  | hes                       | Type: □ PV                       | C 🗆 Stainless               | Galv. Steel                     | ☐ Teflon®       | Other:         | <del></del>                           |
| Screen [      | Diameter:               | inc  | hes                       | Type: □ PV                       | C 🗆 Stainless               | Galv. Steel                     | ☐ Teflon®       | Other:         | · · · · · · · · · · · · · · · · · · · |
| Total De      | pth of Well:            |  | feet                      | From: 🗅 To                       | p of Well Casin             | g (TOC) 🚨 To                    | op of Protectiv | re Casing 🔲    | Other:                                |
| Depth to      | Static Water:_          |  | feet                      | From: 🗆 To                       | p of Well Casin             | g (TOC) 🗖 To                    | op of Protectiv | re Casing 🔲    | Other:                                |
| Depth to      | Product:                |  | feet                      | From: 🗆 To                       | p of Well Casin             | g (TOC) 🗆 T                     | op of Protectiv | ve Casing 🔲    | Other:                                |
| Length c      | of Water Colum          | n:   | feet                      |                                  | :                           |                                 |                 |                | GS):<br>ft 6-in well = 1.469 gal/ft   |
| 2 DUD         | SE DATA                 |  | Doto Bu                   |                                  |                             | Time: <b>\A</b>                 |                 | en = 0.007 yan | Equipment Model(s)                    |
|               | Bai                     | ler, Size:                                   |                           | Bladder Pump                     | 2" Sub. Pu                  | ımp 🗆 4" Sub.                   | Pump            |                | 151 556 MS                            |
| Purge M       | a cen                   | •  |                           | ltic Pump □ Ine<br>ainless □ PVC |                             | Other:                          |                 |                |                                       |
| Materials     | s: Pump/Bailer          | ☐ Polyetr                                    |                           |                                  |                             | ned Dispos                      | sable           |                |                                       |
| Materials     | s: Rope/Tubing          | ☐ Polyeth☐ Dedica                            | iylene □ Po<br>ted □ Prep | lypropylene  ared Off-Site       | Teflon® □ Ny □ Field-Cleane | /lon □ Other:_<br>ed □ Disposat | ole             |                | ·                                     |
| Volume        | to Purge (minir         | num):  | well v                    | olumes or                        |                             | gallons                         |                 | 4              |                                       |
| Was wel       | I purged dry?           | ☐ Yes  | □ No                      | Pumping Rat                      | te:                         | gal/min                         |                 |                | Calibrated?                           |
| Time          | Cum. Gallons<br>Removed | pН   | <u> </u>                  | Spec. Cond.                      | <del> </del>                | DO                              | Turbidity       | Water Level    | Comments                              |
| rime          | (gal)                   | ±0.1 su                                      | ±2°C                      | > of ±3% or<br>±10 µS/cm         | 1                           | > of ±10% or<br>±0.2 mg/L       | ≤ 10 NTU        | Water Level    | Comments                              |
| 1455          | [0]                     | 5.74   | 16.08                     | 0.106                            | -20.0                       | 196.7                           | 1.3             |                |                                       |
| 1             |                         | <u> </u>                                     |                           | 7                                |                             |                                 |                 |                |                                       |
|               |                         |  |                           |                                  |                             |                                 |                 |                |                                       |
|               | 14                      |  |                           |                                  |                             |                                 |                 |                |                                       |
|               |                         |  |                           |                                  |                             |                                 |                 |                |                                       |
|               |                         |  |                           |                                  |                             |                                 |                 |                |                                       |
|               |                         |  |                           | <del></del>                      |                             |                                 | , <u>-</u>      | Purge dat      | a continued on next sheet?            |
| 4. SAMF       | PLING DA                |  | _                         |                                  |                             |                                 | _               | <u>Geoc</u>    | hemical Analyses                      |
| Method(       |                         |  |                           |                                  |                             | mp 🚨 4" Sub.<br>🚨 Other:        |                 | Ferro          | us Iron: mg/L                         |
| Materials     | s: Pump/Bailer          | □ Polyeth                                    | ylene □ Sta<br>ed □ Pr    | inless ☐ PVC<br>epared Off-Site  | ☐ Teflon® ☐                 | I Other:<br>ned □ Dispos        | able            | DO:            | mg/L                                  |
| Materials     | s: Tubing/Rope          | □ Polyeth                                    | ylene 🛚 Pol               | ypropylene 🚨                     | Teflon® 🗆 Nyl               | lon 🛚 Other:                    |                 | Nitrat         | e: mg/L                               |
|               | Water at Time           | ☐ Dedicat                                    | •                         |                                  |                             | d □ Disposab<br>I? □ Yes □      |                 | Sulfat         | te: mg/L                              |
|               | id: 628 Air line        |  |                           |                                  |                             |                                 |                 | Alkali         |                                       |
|               | e Sample Colle          | •  |                           |                                  |                             | # of Contain                    |                 |                | <i>_g</i> =                           |
|               | ent Blank Colle         |  |                           |                                  |                             | # of Contain                    | ners:           |                |                                       |
| 5. COMI       | MENITS                  | Dla  | 44 4 -                    | 1.1 N                            | 10 R.                       | مر معلم                         | hse -           | ما ام          | ne he face                            |
|               |                         | <u>_                                    </u> | 131.5                     | 762)                             | III DAI                     | MIM ON                          | DED C           | enpro          | ne before                             |
| 5am           | Ping L                  | 10-3   | 101° )                    | 106)                             |                             |                                 |                 |                |                                       |
| Note: Include | comments such a         | s well cond                                  | ition, odor, pi           | resence of NAPI                  | L, or other items           | not on the field                | data sheet.     |                |                                       |

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## **GROUNDWATER SAMPLING FIELD DATA SHEET**

WELL ID: 200 Kaye Dr

|                        |                  |                      | _                        |                                     |                                  |                                |                 |             |                        |       |  |  |
|------------------------|------------------|----------------------|--------------------------|-------------------------------------|----------------------------------|--------------------------------|-----------------|-------------|------------------------|-------|--|--|
| 1. PROJECT INFORMATION |                  |                      |                          |                                     |                                  |                                |                 |             |                        |       |  |  |
| Project Nu             | mber: <u>138</u> | 670                  | Task Num                 | ber: <u>300.0</u> 0                 | 03                               | Area of Conc                   | ern:            |             |                        |       |  |  |
| Client: Ov             | wens Corn        | ing                  |                          |                                     |                                  | Personnel:                     | <del></del>     | <del></del> |                        |       |  |  |
| Project Loc            | cation: And      | erson, S             | outh Car                 | olina                               |                                  | Weather:                       |                 |             |                        |       |  |  |
| 2. WELL                | DATA             |                      | Date Me                  | easured: _                          |                                  | Time:                          |                 | Temp        | orary Well: □Yes I     | □No   |  |  |
| Casing Dia             | ameter:          | inc                  | hes                      | Type: □ PV                          | C 🗆 Stainless                    | Galv. Stee                     | I □ Teflon®     | Other:      | ·                      |       |  |  |
| Screen Dia             | ameter:          | inc                  | hes                      | Type: □ Pv                          | C 🗆 Stainless                    | Galv. Stee                     | I □ Teflon®     | Other:      |                        |       |  |  |
| Total Dept             | h of Well:       |                      | feet                     | From: 🗆 To                          | op of Well Casin                 | g (TOC) 🚨 T                    | op of Protectiv | ve Casing 🔲 | Other:                 | _     |  |  |
| Depth to S             | tatic Water:_    |                      | feet                     | From: 🗆 To                          | p of Well Casin                  | g (TOC) 🔲 T                    | op of Protectiv | re Casing 🔲 | Other:                 |       |  |  |
| Depth to P             | roduct:          |                      | feet                     | From: 🗆 To                          | op of Well Casir                 | ng (TOC) 🔲 T                   | op of Protectiv | ve Casing   | Other:                 |       |  |  |
| Length of \            | Water Colum      | n:                   | feet                     |                                     |                                  |                                |                 |             | GS):                   |       |  |  |
| 3. PURGI               |                  | <del></del>          | Data Du                  |                                     |                                  |                                |                 |             | ft 6-in well = 1.469 g |       |  |  |
|                        |                  |                      |                          |                                     |                                  | Time:                          |                 |             | Equipment Mode         |       |  |  |
| Purge Meti             | nod: Gent        |                      |                          |                                     |                                  | ump 🚨 4" Sub<br>🚨 Other:       |                 |             | 52 550                 |       |  |  |
| Materials:             | Pump/Bailer      | ☐ Polyeth ☐ Dedicat  | ylene □ Sta<br>ted □ Pi  | ainless 🛭 PVC<br>repared Off-Site   | ☐ Teflon® ☐<br>Field-Clea        | Other:<br>aned Dispo           | sable           |             | 4. 10. id an           |       |  |  |
| Materials: I           | Rope/Tubing      | ☐ Polyeth            | ylene 🗆 Po               | lypropylene 🗆                       | Teflon® D Ny                     | /lon □ Other:_<br>ed □ Disposa | ble             | 3           |                        |       |  |  |
| Volume to              | Purae (minin     |                      |                          |                                     |                                  |                                | bie             | 4           |                        |       |  |  |
| •                      | ourged dry?      | ☐ Yes                |                          |                                     | te:                              | _                              |                 |             | Calibrated? ☐ Yes      |       |  |  |
|                        | um. Gallons      | рН                   | Temp                     | Spec. Cond.                         | T                                | DO                             | Turbidity       |             | -                      |       |  |  |
| Time                   | Removed (gal)    | ±0.1 su              | ±2°C                     | > of ±3% or<br>±10 µS/cm            | 1                                | > of ±10% or<br>±0.2 mg/L      | ≤ 10 NTU        | Water Level | Comments               |       |  |  |
|                        | (37              |                      |                          | ±10 μ3/011                          | ±20111V                          | ±0.2 mg/L                      |                 |             |                        |       |  |  |
|                        |                  |                      | -                        |                                     |                                  |                                |                 |             |                        |       |  |  |
|                        |                  |                      |                          |                                     |                                  |                                |                 |             | ·                      |       |  |  |
|                        |                  |                      |                          |                                     |                                  |                                |                 |             |                        |       |  |  |
| 1150                   | \                | L 38                 | 1564                     | 1200                                | -147.1                           | 1<2 7                          | 0.48            |             |                        |       |  |  |
|                        |                  | 10.00                | . 7.01                   | 0.001                               | 141.                             | 134.                           | 0.15            |             |                        |       |  |  |
|                        |                  |                      |                          |                                     |                                  |                                |                 | Purge data  | a continued on next sh | neet? |  |  |
| 4. SAMPL               | ING DA           | TA                   |                          |                                     |                                  |                                |                 |             | nemical Analyses       |       |  |  |
| Method(s):             | ☐ Baile          | er, Size:            |                          | Bladder Pump                        | □ 2" Sub. Pu                     | mp 🗆 4" Sub.                   | Pump            |             | us Iron: n             | ma/l  |  |  |
| Matorialo: E           | ump/Bailer       |                      |                          |                                     |                                  | ☐ Other:<br>I Other:           |                 |             |                        |       |  |  |
|                        | •                | ☐ Dedicate           | ed 🗆 Pre                 | pared Off-Site                      | ☐ Field-Clear                    | ned 🖸 Dispos                   |                 | DO:         | n                      | ng/L  |  |  |
| Materials: T           | ubing/Rope       | ☐ Polyethy☐ Dedicate | lene 🗆 Poly<br>d 🕒 Prepa | rpropylene □ i<br>tred Off-Site = l | Teflon® □ Nyl<br>□ Field-Cleaned | lon □ Other:<br>d □ Disposab   | le              | Nitrate     | e:r                    | mg/L  |  |  |
| Depth to W             | ater at Time     | of Samplir           | ng:                      |                                     | Field Filtered                   | l? 🗆 Yes 🛭                     | o No            | Sulfat      | e:r                    | mg/L  |  |  |
| Sample ID:             | - DI .           | Sample Da            | ite: <u>//-//</u> -      | -10 Sample 1                        | Time: <u>\\ <b>\$</b>\$</u>      | _ # of Contain                 | ners: 2         | Alkalir     | nity: m                | ng/L  |  |  |
| Duplicate S            | ample Collec     | cted? 🗅 Y            | 'es 🖳 No                 | ID:                                 |                                  | # of Contain                   | ners:           | !           |                        |       |  |  |
| Equipment              | Blank Collec     | ted? □ Y             | 'es <mark>⊡∕N</mark> o   | ID:                                 |                                  | # of Contain                   | ners:           |             |                        |       |  |  |
| 5. COMM                | ENTS             |                      |                          |                                     |                                  |                                |                 |             |                        |       |  |  |
|                        |                  |                      |                          |                                     |                                  |                                |                 |             |                        |       |  |  |
|                        |                  |                      |                          |                                     |                                  |                                |                 |             |                        | ,     |  |  |
| Note: Include com      | nments such as   | well condit          | ion, odor, pre           | esence of NAPI                      | L, or other items                | not on the field               | data sheet.     |             |                        |       |  |  |

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WELL ID: 303 Kaye Dr

| 1 000           | ICOT INIC               |                             | TION                      |                                   |  |   |                    |             | -   |
|-----------------|-------------------------|-----------------------------|---------------------------|-----------------------------------|--|---|--------------------|-------------|---|
|                 | JECT INF                |                             |                           | . 200.00                          | <b>10</b>  |   |                    |             |   |
| 1               | Owens Corr              |                             |                           |                                   |  |   |                    |             | <del> </del>                                  |
|                 | _ocation:_Anc           |                             |                           |                                   |  |   |                    |             |   |
|                 |                         |                             |                           |                                   |  | Weather:                                |                    |             |   |
| 2. WELI         | _ DATA                  |                             | Date Me                   |                                   |  |   |                    |             | orary Well: □Yes □No                          |
| Casing I        | Diameter:               | inc                         | ches                      | Type: PV                          | C Stainless  | Galv. Steel                             | ☐ Teflon®          | Other:      |   |
| Screen I        | Diameter:               | inc                         | ches                      | • •                               |  | Galv. Steel                             |                    |             |   |
|                 | pth of Well:            |                             | _                         | From:   To                        | p of Well Casin                                    | g (TOC) 🔲 T                             | op of Protectiv    | ve Casing   | Other:  |
| Depth to        | Static Water:           |                             | feet                      |                                   | •  | • • •                                   | •                  | · ·         | Other:  |
| Depth to        | Product:                |                             | feet                      |                                   |  |   | op of Protecti     | ve Casing   | Other:  |
| Length o        | of Water Colum          | nn:                         | feet                      |                                   |  | _ gal<br><i>2-in well = 0.16</i>        |                    |             | GS):<br>/ft 6-in well = 1.469 gal/ft          |
|                 | SE DATA                 |                             | Date Pu                   | rged:                             |  | Time:                                   |                    |             | Equipment Model(s)                            |
| Purge M         | ethod: 🔲 Ba             | iler, Size:<br>trifugal Pum | <br>p □ Perista           | □ Bladder Pump<br>Itic Pump □ Ine | o □ 2" Sub. Pu<br>ertial Lift Pump                 | ımp □ 4" Sub.<br>□ Other:               | Pump               | 1. <u> </u> | SI 556  |
|                 | s: Pump/Bailer          | ☐ Polveth                   | nvlene □ Sta              | ainless D PVC                     | ☐ Teflon® D  | ☐ Other:<br>ined ☐ Dispo                |                    |             | سه ان الم                                     |
| Materials       | s: Rope/Tubing          | Polyeth                     | nylene 🗆 Po<br>ted 🚨 Prep | lypropylene 🛚<br>pared Off-Site   | Teflon® □ Ny<br>□ Field-Cleane                     | rlon □ Other:_<br>ed □ Disposal         | ole                | 3<br>4.     | A 1840-2-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1- |
| Volume          | to Purge (minir         | mum):                       | well v                    | olumes or                         | !  | gailons                                 |                    |             |   |
| Was we          | l purged dry?           | ☐ Yes                       |                           |                                   | te:  |   | l <u> </u>         | ī           | Calibrated?    Yes                            |
| Time            | Cum. Gallons<br>Removed | pH<br>±0.1 su               | Temp<br>±2°C              | Spec. Cond.<br>> of ±3% or        |  | DO<br>> of ±10% or                      | Turbidity ≤ 10 NTU | Water Level | Comments                                      |
|                 | (gal)                   | 10.130                      | 12.0                      | ±10 μS/cm                         | ±20 mV   | ±0.2 mg/L                               | 2 10 10 10         | 1           |   |
| 1502            | <u> </u>                | 6.20                        | 16.61                     | 0.152                             | -123.3   | 126.7                                   | 0,58               |             |   |
|                 |                         |                             |                           |                                   |  | -                                       |                    |             |   |
|                 |                         |                             |                           | ,                                 |  |   |                    |             |   |
|                 |                         |                             |                           |                                   |  |   |                    |             |   |
|                 |                         |                             |                           |                                   |  |   |                    |             |   |
|                 |                         |                             |                           |                                   |  |   | ,                  |             |   |
|                 |                         |                             |                           |                                   |  |   |                    | Purge dat   | a continued on next sheet?                    |
| 4. SAMI         | PLING DA                |                             |                           |                                   |  |   | _                  | Geocl       | hemical Analyses                              |
| Method(s        |                         |                             |                           |                                   |  | mp     □  4" Sub.<br>□  Other: <u> </u> |                    | Ferro       | us Iron: mg/L                                 |
| Materials       | : Pump/Bailer           | ☐ Polyethy                  |                           | inless PVC                        |  |   | able               | DO:         | mg/L  |
| Materials       | : Tubing/Rope           | □ Polyethy                  | ylene 🗆 Poly              | ypropylene □                      | Teflon® □ Nyl                                      |   |                    | Nitrate     | e: mg/L                                       |
| Depth to        | Water at Time           | of Sampli                   | •                         |                                   |  | i? □ Yes □                              |                    | Sulfat      | e: mg/L                                       |
| Sample i        | D:                      | Sample Da                   | ate: <u><b>\\-\6</b>-</u> | - <b>\L</b> Sample T              | ime: <u>                                      </u> | # of Contain                            | ners:              | Alkalir     | nity: mg/L                                    |
| •               | Sample Colle            |                             |                           |                                   | _  | # of Contain                            | ners:              |             |   |
| Equipme         | nt Blank Collec         | cted? □ `                   | Yes -No                   | ID:                               |  | # of Contain                            | ners:              | <u>—</u> L  |   |
| 5. COM          | MENTS                   |                             |                           |                                   |  |   |                    |             |   |
| <u> </u>        |                         |                             |                           |                                   |  |   |                    |             |   |
| Note: Include o | comments such a         | is well condi               | tion, odor, pr            | esence of NAPL                    | ., or other items                                  | not on the field                        | data sheet.        |             |   |
|                 |                         |                             |                           |                                   |  |   | 110                |             |   |

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#### **GROUNDWATER SAMPLING FIELD DATA SHEET**

WELL ID: 412 Kaye Dr

| 4 880           | IEOT INIE                  | 00144             | TION                    |                 |                   |                          |                 |             |                              |
|-----------------|----------------------------|-------------------|-------------------------|-----------------|-------------------|--------------------------|-----------------|-------------|------------------------------|
|                 | JECT INF                   | •                 |                         |                 |                   |                          |                 |             |                              |
|                 |                            |                   |                         |                 |                   |                          |                 |             |                              |
|                 |                            | -                 | (4)                     |                 |                   | -                        |                 |             |                              |
| Project I       | _ocation:_ And             | ierson, S         | outh Car                | olina           |                   | _Weather:                |                 |             |                              |
| 2. WELI         | _ DATA                     |                   | Date Me                 | easured:        |                   | Time:                    |                 | Temp        | orary Well: □Yes □No         |
| Casing [        | Diameter:                  | inc               | hes                     | Type: □ PV      | C Stainles        | s 🛚 Galv. Stee           | ☐ Teflon®       | Other:      | <del>,</del>                 |
| Screen I        | Diameter:                  | inc               | hes                     | Type: □ PV      | C Stainles        | s 🛘 Galv. Stee           | ☐ Teflon®       | Other:      |                              |
| Total De        | pth of Well:               |                   | feet                    | From: 🗆 To      | p of Well Casir   | ng (TOC) 🗆 T             | op of Protecti  | ve Casing 🛚 | Other:                       |
| Depth to        | Static Water:              |                   | feet                    | From: 🗆 To      | p of Well Casir   | g (TOC) 🔲 T              | op of Protectiv | ve Casing 🛚 | Other:                       |
| Depth to        | Product:                   |                   | feet                    | From: 🗅 To      | p of Well Casir   | ng (TOC) 🔲 T             | op of Protecti  | ve Casing   | Other:                       |
| Length o        | of Water Colum             | n:                | feet                    |                 | ):                | _ •                      |                 |             | GS):                         |
|                 |                            |                   |                         |                 |                   |                          |                 |             | /ft 6-in well = 1.469 gal/ft |
|                 | GE DATA                    |                   |                         | _               |                   | Time:                    |                 |             | Equipment Model(s)           |
| Purge M         | ethod: Geni                |                   | p 🗆 Perista             | ltic Pump 🚨 Inc | ertial Lift Pump  | ump 🛚 4" Sub.<br>Other:  | <del></del>     |             |                              |
| Material        | s: Pump/Bailer             | ☐ Polyeth☐ Dedica | nylene ☐ Sta<br>ted ☐ P | ainless PVC     | ☐ Teflon® (       | Other:                   | sable           | 2           |                              |
| Material        | s: Rope/Tubing             | , $\Box$ Polyeth  | nylene 🗆 Po             | lypropylene 🗆   | Teflon® □ N       | ylon ☐ Other:_           | 1               | 3           |                              |
|                 |                            | ' U Dedica        | •                       |                 |                   | ed Disposal              | ble             | 4           |                              |
|                 | to Purge (mini             |                   |                         |                 |                   | -                        |                 |             | Calibrated? ☐ Yes ☐          |
| was we          | I purged dry? Cum. Gallons | ☐ Yes             | Temp                    | Spec. Cond.     | te:               | gai/min                  | Turbidity       |             |                              |
| Time            | Removed                    | '                 |                         | <u> </u>        |                   | > of ±10% or             |                 | Water Level | Comments                     |
|                 | (gal)                      | ±0.1 su           | ±2°C                    | ±10 µS/cm       | ±20 mV            | ±0.2 mg/L                | ≤ 10 NTU        |             |                              |
| 1330            | 1                          | 80.0              | 16.39                   | 0.058           | -162.5            | 113.8                    | 1.21            |             |                              |
|                 |                            |                   |                         |                 |                   |                          |                 |             |                              |
|                 |                            |                   |                         |                 |                   |                          |                 |             |                              |
|                 |                            |                   |                         |                 |                   |                          |                 |             |                              |
|                 |                            |                   |                         |                 |                   |                          |                 |             |                              |
|                 |                            |                   |                         |                 |                   |                          |                 |             |                              |
|                 |                            |                   |                         |                 |                   |                          |                 | Purge dat   | a continued on next sheet?   |
| 4. SAMF         | PLING DA                   | TA                |                         |                 |                   |                          |                 | Geocl       | hemical Analyses             |
| Method(s        |                            |                   |                         |                 |                   | mp 🔲 4" Sub.<br>🗆 Other: |                 | Ferro       | us Iron: mg/L                |
| Materials       | : Pump/Bailer              |                   | ylene □ Stai            | inless D PVC    | ☐ Teflon® ☐       |                          |                 | DO:         | mg/L                         |
|                 | : Tubing/Rope              | ☐ Dedicat         |                         | epared Off-Site |                   |                          | able            |             |                              |
|                 |                            | ☐ Dedicate        | ed U Prepa              | ared Off-Site ( | ⊒ Field-Cleane    | d U Disposab             |                 | Nitrate     |                              |
| Depth to        | Water at Time              |                   | -                       |                 |                   |                          |                 | Sulfat      | e: mg/L                      |
| Sample I        |                            |                   | _                       | Sample T        |                   | _ # of Contain           | ners: 🔫         | Alkalii     | nity: mg/L                   |
|                 | Sample Colle               |                   |                         |                 |                   | # of Contain             |                 |             |                              |
| Equipme         | nt Blank Colle             | cted? □ `         | Yes 🗖 No                | ID:             |                   | # of Contain             | ners:           |             |                              |
| 5. COM          | MENTS                      |                   |                         |                 |                   |                          |                 |             |                              |
|                 |                            |                   |                         |                 |                   |                          |                 |             | -                            |
|                 |                            |                   |                         |                 |                   |                          |                 |             |                              |
| Note: Include ( | comments such a            | s well condi      | tion, odor, pr          | esence of NAPL  | ., or other items | not on the field         | data sheet.     |             |                              |
|                 |                            |                   |                         |                 |                   |                          | ( ) /           | ,           |                              |

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#### **GROUNDWATER SAMPLING FIELD DATA SHEET**

WELL ID: 117 Faye Dr

| 4 550           | IFOT INIE        | 00144                    | TION                       |                                |                             |                                  |             |             |                                      |
|-----------------|------------------|--------------------------|----------------------------|--------------------------------|-----------------------------|----------------------------------|-------------|-------------|--------------------------------------|
|                 | JECT INFO        |                          |                            |                                |                             |                                  |             |             |                                      |
|                 |                  |                          |                            |                                |                             |                                  |             |             |                                      |
|                 | Owens Corn       | -                        |                            |                                |                             |                                  |             |             |                                      |
|                 | ocation: And     |                          |                            |                                |                             |                                  |             |             |                                      |
| 2. WELI         | _ DATA           |                          | Date Me                    |                                |                             |                                  |             |             | orary Well: □Yes □No                 |
| Casing [        | Diameter:        | inc                      | hes                        |                                |                             | Galv. Stee                       |             | -           |                                      |
| Screen [        | Diameter:        | inc                      | hes                        | Type: □ PV                     | C 🔾 Stainless               | Galv. Steel                      | I ☐ Teflon® | Other:      |                                      |
| Total De        | pth of Well:     |                          | feet                       | _                              |                             |                                  | •           |             | Other:                               |
| l '             | Static Water:_   |                          |                            |                                | •                           | • • •                            | •           | · ·         | Other:                               |
| Į.              | Product:         |                          |                            |                                |                             |                                  |             |             | Other:                               |
| Length o        | of Water Colum   | ın:                      | feet                       |                                |                             |                                  |             |             | GS):<br>/ft 6-in well = 1.469 gal/ft |
| 3 PURC          | SE DATA          |                          | Date Pu                    |                                |                             | Time:                            |             | gu          | Equipment Model(s)                   |
| Purge M         |                  |                          |                            |                                |                             | ımp □ 4" Sub.<br>□ Other:        |             | 1 1         | 45T                                  |
| ľ               |                  |                          |                            |                                |                             | ☐ Other:<br>☐ Other:             |             |             | whid.h                               |
| Materials       | s: Pump/Bailer   | □ Dedica                 | ted 🗅 Pi                   | repared Off-Site               | e □ Field-Clea              | ined 🗆 Dispo                     | sable       |             | •                                    |
| Materials       | s: Rope/Tubing   | □ Polyeth □ Dedica       | iylene □ Pol<br>ted □ Prep | lypropylene 🛚<br>ared Off-Site | Teflon® □ Ny □ Field-Cleane | /lorı □ Other:_<br>ed □ Disposal | ble         | 3           | <del></del>                          |
| Volume          | to Purge (minir  |                          |                            |                                |                             |                                  |             | 4           |                                      |
| Was wel         | I purged dry?    | ☐ Yes                    | □ No                       | Pumping Ra                     | te:                         | gal/min                          |             |             | Calibrated? ☐ Yes ☐                  |
| T:              | Cum. Gallons     | pН                       | Temp                       | Spec. Cond.                    |                             | DO                               | Turbidity   |             |                                      |
| Time            | Removed<br>(gal) | ±0.1 su                  | ±2°C                       | > of ±3% or<br>±10 µS/cm       | > of ±10% or<br>±20 mV      | > of ±10% or<br>±0.2 mg/L        | ≤ 10 NTU    | Water Level | Comments                             |
| 1340            | ١                | 6.45                     | 15.99                      | 0 247                          | -177.0                      | 109.4                            | 81.0        |             |                                      |
|                 |                  |                          |                            |                                |                             |                                  |             |             |                                      |
|                 |                  |                          |                            |                                |                             |                                  |             |             |                                      |
|                 |                  |                          |                            |                                |                             |                                  |             |             |                                      |
|                 |                  |                          |                            |                                |                             | _                                |             |             |                                      |
|                 |                  |                          |                            |                                |                             |                                  |             |             |                                      |
|                 |                  |                          |                            |                                |                             | <del></del>                      |             | Purge data  | a continued on next sheet?           |
|                 | PLING DA         |                          | _                          | Bladdor D.                     | □ a# eu⊾ p                  | mn □ 4# Cl-                      | Dume        | Geocl       | hemical Analyses                     |
| Method(s        | s):              | er, 3ize:<br>ifugal Pump | □ Peristalt                | ic Pump 🗆 Ine                  | rtial Lift Pump             | mp 🛚 4" Sub.<br>🗘 Other:         | rump        | Ferro       | us Iron: mg/L                        |
| Materials       | : Pump/Bailer    | ☐ Polyethy               | ylene □ Stai<br>ed □ Pre   |                                | ☐ Teflon® ☐ ☐ Field-Clear   |                                  | able        | DO:         | mg/L                                 |
| Materials       | : Tubing/Rope    | □ Polyethy               | ylene 🗆 Poly               | ·<br>/propylene □ ¹            | Teflon® 🗆 Nyl               | •                                | do          | Nitrate     | e: mg/L                              |
| Depth to        | Water at Time    |                          | •                          |                                |                             | i? □ Yes 0                       |             | Sulfat      | e: mg/L                              |
|                 | D: Dr            |                          |                            | - <b>√</b> DSample T           | ime:\34 S                   | _ # of Contain                   |             | Alkalir     | nity: mg/L                           |
|                 | Sample Colle     |                          |                            |                                |                             | <br># of Contain                 | ners:       |             |                                      |
| Equipme         | nt Blank Collec  | cted? 🗆 `                | Yes ≅ No                   | ID:                            |                             | # of Contain                     | ners:       |             |                                      |
| 5. COM          | MENTS            |                          |                            |                                |                             |                                  |             |             |                                      |
| J. J. J. 1411   |                  |                          |                            |                                |                             |                                  |             |             |                                      |
|                 |                  |                          |                            |                                | ·                           |                                  |             |             |                                      |
| Note: Include d | comments such a  | s well condi             | ition, odor, pr            | esence of NAPL                 | ., or other items           | not on the field                 | data sheet. |             |                                      |

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#### **GROUNDWATER SAMPLING FIELD DATA SHEET**

WELL ID: 115 Elrod Rd

|   |                            |                    |                            |                          |                                  |                              |                 |                   | <u> </u>                   |  |
|---|----------------------------|--------------------|----------------------------|--------------------------|----------------------------------|------------------------------|-----------------|-------------------|----------------------------|--|
| 1. PROJ   | IECT INFO                  | ORMAT              | ΓΙΟΝ                       |                          |                                  |                              |                 |                   |                            |  |
| Project N   | Number: <u>138</u>         | <u>670</u>         | Task Num                   | ber: <u>300.00</u>       | )3                               | Area of Concern:             |                 |                   |                            |  |
| Client:_(   | Owens Corn                 | ing                |                            |                          |                                  | Personnel: K. Whetstone      |                 |                   |                            |  |
| Project L   | ocation: And               | <u>erson, S</u>    | outh Car                   | olina                    | <u></u>                          | Weather:                     | Dunny           | 1 Clear           |                            |  |
| 2. WELI   | DATA                       |                    | Date Me                    | asured:                  |                                  | Time:                        |                 | Tempo             | orary Well: □Yes □No       |  |
| Casing [  | Diameter:                  | inc                | hes                        | Type: □ PV               | C Stainless                      | s 🛚 Galv. Steel              | ☐ Teflon®       | Other:            |                            |  |
| Screen [  | Diameter:                  | inc                | hes                        | Type: □ PV               | C 🗆 Stainless                    | s 🛭 Galv. Steel              | ☐ Teflon®       | Other:            |                            |  |
| Total De  | pth of Well:               |                    | feet                       | From: 🗆 To               | p of Well Casin                  | g (TOC) 🛚 T                  | op of Protectiv | re Casing □ 0     | Other:                     |  |
| Depth to Static Water:feet From: ☐ Top of Well Casing (TOC) ☐ Top of Protective Casing ☐ Other: |                            |                    |                            |                          |                                  |                              |                 |                   |                            |  |
| Depth to  | Product:                   |                    | feet                       | From: 🗆 To               | p of Well Casin                  | ng (TOC) 🗆 T                 | op of Protectiv | ve Casing 🚨 🤇     | Other:                     |  |
| Length o  | f Water Colum              | n:                 | feet                       | Well Volume              |                                  |                              |                 |                   | GS):                       |  |
| 0.01104   |                            |                    |                            |                          |                                  |                              |                 | ell = 0.667 gal/f | t 6-in well = 1.469 gal/ft |  |
|   | E DATA                     |                    |                            |                          |                                  |                              |                 |                   | Equipment Model(s)         |  |
| Purge M   | ethod: Gent                | rifugal Pum        | □ Perista                  | tic Pump 🖸 Ine           | ertial Lift Pump                 | ump 🖸 4" Sub.<br>🗘 Other:    |                 |                   | ST 556                     |  |
| Materials   | s: Pump/Bailer             | □ Polyeth □ Dedica |                            |                          |                                  | Other:                       |                 | 2.                | arp d:ty                   |  |
| Materials   | s: Rope/Tubing             | . D Polveth        | vlene 🗆 Po                 | Ivpropviene □            | Teflon® □ N                      | vlon □ Other:                |                 | 3                 |                            |  |
|   |                            | U Dedica           |                            |                          |                                  | ed Disposal                  | ole             | 4                 |                            |  |
|   | to Purge (minir            | num):<br>□ Yes     |                            | olumes or<br>Pumping Rat |                                  | _                            |                 |                   | Calibrated? ☐ Yes ☐        |  |
| vvas wei  | I purged dry? Cum. Gallons | pH                 | Temp                       | Spec. Cond.              | ſ                                | gal/min<br>DO                | Turbidity       |                   |                            |  |
| Time  | Removed<br>(gal)           | ±0.1 su            | ±2°C                       | <u>'</u>                 | > of ±10% or                     | > of ±10% or<br>±0.2 mg/L    | ≤ 10 NTU        | Water Level       | Comments                   |  |
| 1412  | (9)                        | 5.48               | 11.48                      | 0.108                    | ±20 mV                           | 774                          | 1.25            |                   | = =                        |  |
| 1447  | ·                          | 3.70               | 11.10                      | 0.100                    | 21.0                             | 1 11                         | 1.77            |                   |                            |  |
|   |                            |                    |                            |                          |                                  |                              |                 |                   |                            |  |
|   |                            |                    |                            |                          |                                  |                              |                 |                   |                            |  |
|   |                            |                    |                            |                          |                                  |                              |                 |                   |                            |  |
|   | 11                         |                    |                            |                          |                                  |                              |                 |                   |                            |  |
|   | 1.3                        |                    |                            |                          |                                  |                              |                 | Purge data        | continued on next sheet?   |  |
| 4. SAMF   | PLING DA                   | TA                 |                            |                          | a                                |                              |                 |                   | emical Analyses            |  |
| Method(s  | a). 🗆 Bail                 | er, Size:          |                            |                          |                                  | mp 🛚 4" Sub.                 |                 |                   | is Iron:mg/L               |  |
| Materials   | : Pump/Bailer              | •                  | /lene □ Stai               | nless 🗆 PVC              | ☐ Teflon® ☐                      | Other:                       |                 | DO:               | mg/L                       |  |
|   | ·                          | ☐ Dedicate         |                            | •                        |                                  | ned Dispos                   | able            |                   |                            |  |
| Materials   | : Tubing/Rope              | ☐ Polyethy         | riene 🖬 Poly<br>ed 🔲 Prepa | propytene 👊 🖰            | Tetton® ⊔ Nyt<br>□ Field-Cleaned | lon □ Other:<br>d □ Disposab | le              | Nitrate           | :: mg/L                    |  |
| Depth to  | Water at Time              | of Sampli          | ng:                        |                          | Field Filtered                   | ? 🗆 Yes 🛚                    | □ No ू          | Sulfate           | e: mg/L                    |  |
| Sample  | D:                         | Sample Da          | ate: 11- 🎉                 | Sample T                 | ime: 1450                        | # of Contain                 | ners:           | Alkalin           | ity: mg/L                  |  |
| •   | e Sample Colle             |                    |                            |                          |                                  | # of Contain                 | •               |                   | "                          |  |
| Equipme   | nt Blank Collec            | cted? □ `          | Yes 🗹 No                   | ID:                      |                                  | # of Contail                 | ners:           |                   |                            |  |
| 5. COM  | MENTS                      |                    |                            | 5                        |                                  |                              |                 |                   |                            |  |
|   |                            |                    |                            | 01                       |                                  |                              |                 |                   |                            |  |
|   |                            |                    |                            |                          |                                  |                              | 5. 21           |                   | =                          |  |
| Note: Include   | comments such a            | s well condi       | tion, odor, pr             | esence of NAPL           | ., or other items                | not on the field             | data sheet.     |                   |                            |  |
|   |                            |                    |                            |                          |                                  |                              | 11.             |                   |                            |  |

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BROWN AND CALDWELL

WELL ID: 1303 Clinkscales Rd

|   | JECT INFO   |                             |                            |                                |                                |                                 |                 |             | · · · · · · · · · · · · · · · · · · · |  |
|---|---|-----------------------------|----------------------------|--------------------------------|--------------------------------|---------------------------------|-----------------|-------------|---------------------------------------|--|
| Project N   | Number: <u>138</u>  | 670                         | Task Num                   | ber: <u>300.00</u>             | )3                             | Area of Concern:                |                 |             |                                       |  |
| Client:_(   | Owens Corn  | ing                         |                            |                                |                                | Personnel:                      |                 |             |                                       |  |
| Project L   | _ocation:_And   | <u>erson, S</u>             | outh Car                   | olina                          |                                | Weather:                        |                 |             |                                       |  |
| 2. WELI   | _ DATA  |                             | Date Me                    | asured:                        |                                |                                 |                 |             | orary Well: □Yes □No                  |  |
| Casing [  | Diameter:   | inc                         | hes                        | Type: □ PV                     | C 🗆 Stainless                  | Galv. Steel                     | ☐ Teflon®       | ☐ Other:    |                                       |  |
| Screen [  | Diameter:   | inc                         | hes                        | Type: □ PV                     | C 🗆 Stainless                  | Galv. Steel                     | ☐ Teflon®       | Other:      |                                       |  |
| Total Depth of Well:feet From: □ Top of Well Casing (TOC) □ Top of Protective Casing □ Other: |   |                             |                            |                                |                                |                                 |                 |             |                                       |  |
| Depth to  | Depth to Static Water:feet From: ☐ Top of Well Casing (TOC) ☐ Top of Protective Casing ☐ Other: |                             |                            |                                |                                |                                 |                 |             |                                       |  |
| Depth to  | Product:  |                             | feet                       | From: 🗆 To                     | p of Well Casin                | g (TOC) 🗆 T                     | op of Protectiv | ve Casing 🔲 | Other:                                |  |
| Length o  | of Water Colum  | n:                          |                            | Well Volume<br>Note: 1-in well |                                |                                 |                 | •           | GS):<br>ft 6-in well = 1.469 gal/ft   |  |
|   | SE DATA   |                             | Date Pu                    |                                |                                | Time:                           |                 |             | Equipment Model(s)                    |  |
| Purge M   | ethod: 🔲 Bai  | iler, Size:                 | D Parietal                 | Bladder Pump                   | 2" Sub. Pu                     | ımp □ 4" Sub.                   | Pump            | 1. <u>Ч</u> | SI 556                                |  |
|   | s: Pump/Bailer  | C Dalinath                  | ylene 🗆 Sta                | inless 🗆 PVC                   | ☐ Teflon® □                    | Other:                          |                 | 2. 7        | urb: d: 4                             |  |
| Materials   | s. Fullip/Dallel  | ☐ Dedica                    | ted 🗆 Pi                   | repared Off-Site               | ☐ Field-Clea                   | ned Dispos                      | sable           |             |                                       |  |
| Materials   | s: Rope/Tubing  | ☐ Polyeth☐ Dedica:          | ıylene □ Pol<br>ted □ Prep | ypropylene 🛚<br>ared Off-Site  | Teflon® □ Ny<br>□ Field-Cleane | /lon □ Other:_<br>ed □ Disposat | ole             |             |                                       |  |
| Volume  | to Purge (minir   | mum):                       | well v                     | olumes or                      |                                | gallons                         |                 | 4           |                                       |  |
| Was wel   | I purged dry?   | ☐ Yes                       | □ No                       | Pumping Rat                    | te:                            | gal/min                         |                 |             | Calibrated? ☐ Yes ☐                   |  |
| Time  | Cum. Gallons  | pН                          | Temp                       | Spec. Cond.                    |                                | DO                              | Turbidity       | 1,4,-41     |                                       |  |
| Time  | Removed<br>(gal)  | ±0.1 su                     | ±2°C                       | > of ±3% or<br>±10 µS/cm       | > of ±10% or<br>±20 mV         | > of ±10% or<br>±0.2 mg/L       | ≤ 10 NTU        | Water Level | Comments                              |  |
| 1100  | る   | 5.90                        | 16.35                      | 0.059                          | 1.461-                         | 124.8                           | 113             |             |                                       |  |
|   |   |                             |                            |                                |                                |                                 | •               |             | N.                                    |  |
|   |   |                             |                            |                                |                                |                                 |                 |             |                                       |  |
|   |   |                             |                            |                                |                                |                                 |                 |             |                                       |  |
|   |   |                             |                            |                                |                                |                                 |                 |             |                                       |  |
|   |   |                             |                            |                                |                                |                                 |                 |             |                                       |  |
|   |   |                             |                            |                                |                                |                                 |                 | Purge data  | a continued on next sheet?            |  |
| 4. SAMF   | PLING DA  | TA                          |                            |                                |                                |                                 |                 | Geoch       | nemical Analyses                      |  |
| Method(s  |   |                             |                            |                                |                                | mp □ 4" Sub.<br>□ Other:        |                 | Ferrou      | us Iron: mg/L                         |  |
| Materials   | : Pump/Bailer   | ☐ Polyethy                  |                            |                                |                                | l Other:<br>ned ☐ Dispos        |                 | DO:         | mg/L                                  |  |
| Materials   | : Tubing/Rope   | □ Polyethy                  | /lene □ Poly               | ·<br>/propylene □ ·            | Teflon® 🛭 Nyl                  | •                               |                 | Nitrate     | e: mg/L                               |  |
| Depth to  | Water at Time   |                             |                            |                                |                                | l? □ Yes □                      |                 | Sulfate     | e: mg/L                               |  |
| Sample I  | .lin¥\$ca\<br>D:  | es <b>e</b> ct<br>Sample Da | ate: 11 - 1 G              | •1 <b>©</b> Sample T           |                                |                                 | _               | Alkalir     | nity: mg/L                            |  |
|   | Sample Colle  | -                           |                            | •                              |                                | # of Contain                    |                 |             |                                       |  |
| <u>-</u>  | nt Blank Collec   |                             |                            |                                |                                | # of Contain                    | ners:           |             |                                       |  |
| 5. COM  | MENTS   |                             |                            |                                |                                |                                 |                 |             |                                       |  |
| 2. 23   |   |                             |                            | ···                            |                                |                                 |                 |             |                                       |  |
|   |   |                             |                            |                                |                                |                                 |                 |             |                                       |  |
| Note: Include o   | comments such a   | s well condi                | tion, odor, pr             | esence of NAPL                 | ., or other items              | not on the field                | data sheet.     |             |                                       |  |

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#### **GROUNDWATER SAMPLING FIELD DATA SHEET**

WELL ID: 119 Cloverhill Dr

| 1 PRO.   | JECT INFO   | ORMA"                      | LION                                  |  |                                    |                              | -           |  |                             |  |
|--|---|----------------------------|---------------------------------------|--|------------------------------------|------------------------------|-------------|--|-----------------------------|--|
| Project Number: <u>138670</u> Task Number: <u>300.003</u> Area of Concern: |   |                            |                                       |  |                                    |                              |             |  |                             |  |
|  | Owens Corn  |                            |                                       |  |                                    | Personnel: Kenneth & Ketsten |             |  |                             |  |
|  | ocation: And  |                            |                                       |  |                                    | •                            |             |  |                             |  |
| 2. WELI  |   |                            |                                       |  |                                    |                              |             |  | orary Well: □Yes □No        |  |
|  | Diameter:   | ina                        |                                       |  |                                    | Galv. Steel                  |             |  |                             |  |
| Ĭ  |   |                            |                                       | _  |                                    |                              |             |  |                             |  |
|  | Screen Diameter:inches Type: DPVC DStainless DGalv. Steel DTeflon® Dother:  Total Depth of Well: feet From: DTop of Well Casing (TOC) DTOp of Protective Casing Dother: |                            |                                       |  |                                    |                              |             |  |                             |  |
|  |   |                            |                                       |  |                                    |                              |             |  |                             |  |
|  | Depth to Static Water:feet  |                            |                                       |  |                                    |                              |             |  |                             |  |
|  | of Water Colum  |                            |                                       | Well Volume                                  | :                                  | _ gal                        | Screened In | nterval (from                                    | GS):                        |  |
|  |   |                            |                                       |  |                                    | _ • ,                        |             | •  | ft 6-in well = 1.469 gal/ft |  |
| 3. PURC  | SE DATA   |                            | Date Pu                               | rged: [[]                                    | 17/10                              | Time:                        | 1830        |  | Equipment Model(s)          |  |
| Purge M  | ethod: Bai  | iler, Size:<br>rifugal Pum | ————————————————————————————————————— | ⊒ <del>Bladder Pump</del><br>Itic Pump □ Ine | > □ 2" Sub. Pu<br>ertial Lift Pump | ımp□ 4" Sub.<br>□ Other:     | Pump N      | A 1. X   | 5, 556                      |  |
|  | s: Pump/Bailer  | □ Polveth                  | vlene 🗆 Sta                           | inless D PVC                                 | - D-Teffon® T                      | Other:                       | 1.4         | 2. P   | KT-15CE                     |  |
| Materials  | s: Rope/Tubing  | .   Polveth                | vlene 🗆 Po                            | lvpropvlene□                                 | -Teflon® 🗇 N                       |                              | 1.4         | A 3.—  |                             |  |
| Volume   | to Purge (minir   | -                          |                                       |  |                                    | •                            | o chet      | 4  |                             |  |
| l  | I purged dry?   | □ Yes                      |                                       |  | te:                                | =                            |             |  | Calibrated?                 |  |
|  | Cum. Gallons  | рН                         | Temp                                  | Spec. Cond.                                  |                                    | DO                           | Turbidity   |  |                             |  |
| Time   | Removed<br>(gal)  | ±0.1 su                    | ±2°C                                  | > of ±3% or<br>±10 μS/cm                     | > of ±10% or<br>±20 mV             | > of ±10% or<br>±0.2 mg/L    | ≤ 10 NTU    | Water Level                                      | Comments                    |  |
| 18   | 0   | 5,80                       | 16.30                                 | 39   | 253                                | 26.81                        | 152         | NA   |                             |  |
|  | •   |                            |                                       |  |                                    |                              |             |  |                             |  |
|  |   |                            |                                       |  | 1                                  |                              |             |  |                             |  |
|  |   |                            |                                       |  |                                    |                              |             |  |                             |  |
|  | ,   |                            |                                       |  |                                    |                              |             |  | -                           |  |
|  |   |                            |                                       |  |                                    |                              |             |  |                             |  |
|  |   |                            |                                       |  |                                    |                              | <del></del> | Purge data                                       | a continued on next sheet?  |  |
| 4. SAMF  | PLING DA  |                            |                                       |  |                                    | . فد                         | _           | Geoch  | nemical Analyses            |  |
| Method(s   | s): 🔲 Bail<br>Centr   | er, Size:<br>ifugal Pump   | □<br>Peristal                         | i Bladder Pump<br>tic Pump 🗖 Ing             | nta Limpump                        | mp 🛮 4" Sub.                 | Pump        | Ferrou   | us Iron: mg/L               |  |
| Materials  | : Pump/Bailer   | O 0 4 4                    | /lene 🗆 Sta                           | inless □ Py                                  | ☐ Teflon® ☐                        |                              |             | DO:  | mg/L                        |  |
| Materials  | : Tubing/Rope   | □ Polyeth                  | /lene □ Pol                           | ypropylene 🖵                                 | <del>Teflon®</del> □ Nyl           | lon 🛘 Other:                 | 1           | Nitrate  | e: mg/L                     |  |
|  | Water at Time   | Li Dedicat                 | Prepa                                 | ared On-Site                                 | ⊒ Field-Cleaned                    | d □ Disposab<br>I? □ Yes     |             | Sulfate  | e: mg/L                     |  |
|  | D: 119Cl 24   |                            |                                       | HIOSample 1                                  | : <sub>ime:</sub> (४३७             | # of Contain                 | ners:       | 1  |                             |  |
|  | Sample Colle  |                            | ,                                     | •  |                                    |                              |             | , , , , ,  |                             |  |
| ·  | nt Blank Collec   |                            |                                       |  |                                    |                              |             | <br>   |                             |  |
| 5. COM   | MENTS   |                            |                                       |  |                                    |                              |             |  |                             |  |
| J. J J 1411  |   |                            |                                       |  | i:                                 |                              |             |  |                             |  |
|  |   |                            |                                       | · ·  |                                    |                              |             | •  |                             |  |
| Note: Include  | comments such a   | s well condi               | tion, odor, pr                        | esence of NAPI                               | ., or other items                  | not on the field             | data sheet. | <del>/                                    </del> |                             |  |
|  |   |                            |                                       |  |                                    |                              |             | 2  | 1/2 2 2                     |  |

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ature

## **GROUNDWATER SAMPLING FIELD DATA SHEET**

WELL ID: 335 Elrod Rd

| 1. PROJECT INFORMATION  |                  |  |  |  |  |  |  |  |  |
|---|------------------|--|--|--|--|--|--|--|--|
| Project Number: 138670 Task Number: 300.003 Area of Concern:  | Area of Concern: |  |  |  |  |  |  |  |  |
| Client: Owens Corning Personnel:  |                  |  |  |  |  |  |  |  |  |
| Project Location: Anderson, South Carolina Weather:   | Weather:         |  |  |  |  |  |  |  |  |
| 2. WELL DATA Date Measured: Time: Temporary Well: @Yes  | Ma               |  |  |  |  |  |  |  |  |
| Casing Diameter:inches Type: □ PVC □ Stainless □ Galv. Steel □ Teflon® □ Other:   | INO              |  |  |  |  |  |  |  |  |
| Screen Diameter:inches Type: □ PVC □ Stainless □ Galv. Steel □ Teflon® □ Other:   |                  |  |  |  |  |  |  |  |  |
| Total Depth of Well: feet   |                  |  |  |  |  |  |  |  |  |
| Depth to Static Water:feet From: □ Top of Well Casing (TOC) □ Top of Protective Casing □ Other:   |                  |  |  |  |  |  |  |  |  |
| Depth to Product:feet From: ☐ Top of Well Casing (TOC) ☐ Top of Protective Casing ☐ Other:  | _                |  |  |  |  |  |  |  |  |
| Length of Water Column:feet Well Volume: gal Screened Interval (from GS):   |                  |  |  |  |  |  |  |  |  |
| Note: 1-in well = 0.041 gal/ft 2-in well = 0.167 gal/ft 4-in well = 0.667 gal/ft 6-in well = 1.469 ga   | I/ft             |  |  |  |  |  |  |  |  |
| 3. PURGE DATA Date Purged: Time: <u>Equipment Mode</u>  |                  |  |  |  |  |  |  |  |  |
| Purge Method: Bailer, Size: Bladder Pump 2" Sub. Pump 4" Sub. Pump Centrifugal Pump Peristaltic Pump Inertial Lift Pump Other:  |                  |  |  |  |  |  |  |  |  |
| Materials: Pump/Bailer  |                  |  |  |  |  |  |  |  |  |
| Materials: Report Tubing Polyethylene Polypropylene Nylon Other:  |                  |  |  |  |  |  |  |  |  |
| ☐ Dedicated ☐ Prepared Off-Site ☐ Field-Cleaned ☐ Disposable 4  |                  |  |  |  |  |  |  |  |  |
| Volume to Purge (minimum): well volumes or gallons  West well purged dn 2 □ Yes □ No □ Pumping Rate: gal/min Calibrated? □ Yes  | _                |  |  |  |  |  |  |  |  |
| Was well purged dry?  |                  |  |  |  |  |  |  |  |  |
| Time Removed Soft +3% or Soft +10% or Soft +10% or Water Level Comments   |                  |  |  |  |  |  |  |  |  |
| (gal) ±0.1 su ±2°C ±10 μS/cm ±20 mV ±0.2 mg/L ≤ 10 NTU  |                  |  |  |  |  |  |  |  |  |
| 1115 1 9.63 13.45 0.171 -187.5 84.6 516   |                  |  |  |  |  |  |  |  |  |
|   |                  |  |  |  |  |  |  |  |  |
|   |                  |  |  |  |  |  |  |  |  |
|   |                  |  |  |  |  |  |  |  |  |
|   |                  |  |  |  |  |  |  |  |  |
|   |                  |  |  |  |  |  |  |  |  |
| Purge data continued on next she  | et? 🗆            |  |  |  |  |  |  |  |  |
| 4. SAMPLING DATA  Geochemical Analyses  |                  |  |  |  |  |  |  |  |  |
| Method(s): Bailer, Size: Bladder Pump 2" Sub. Pump 4" Sub. Pump Centrifugal Pump Peristaltic Pump Inertial Lift Pump Other: Ferrous Iron: m   | g/L              |  |  |  |  |  |  |  |  |
| Materials: Pump/Bailer  | g/L              |  |  |  |  |  |  |  |  |
| Materials: Tuhing/Rope □ Polyethylene □ Polypropylene □ Teflon® □ Nylon □ Other: Nitrate:   | ng/L             |  |  |  |  |  |  |  |  |
| U Dedicated U Prepared Off-Site U Field-Cleaned U Disposable  | Ĭ                |  |  |  |  |  |  |  |  |
| 335 F red Ed. 110 of Salitying.   | g/L<br>"         |  |  |  |  |  |  |  |  |
|   | g/L              |  |  |  |  |  |  |  |  |
| Duplicate Sample Collected?  Yes No ID: # of Containers: |                  |  |  |  |  |  |  |  |  |
|   |                  |  |  |  |  |  |  |  |  |
| 5. COMMENTS not able to set cample what   |                  |  |  |  |  |  |  |  |  |
| babbles   |                  |  |  |  |  |  |  |  |  |
|   |                  |  |  |  |  |  |  |  |  |
| Note: Include comments such as well condition, odor, presence of NAPL, or other items not on the field data sheet.  |                  |  |  |  |  |  |  |  |  |

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## **GROUNDWATER SAMPLING FIELD DATA SHEET**

WELL ID: 208 Wesley Ct

| 1. PROJEC           |                        |                          |                       |                                  | _                                  |                            |                 |                 |                                |  |
|---------------------|------------------------|--------------------------|-----------------------|----------------------------------|------------------------------------|----------------------------|-----------------|-----------------|--------------------------------|--|
| •                   |                        |                          |                       |                                  |                                    | Area of Concern:           |                 |                 |                                |  |
|                     |                        |                          |                       |                                  |                                    | _ Personnel:               |                 |                 |                                |  |
| Project Location    | on: <u>Ande</u>        | erson, Se                | outh Car              | olina                            | <u> </u>                           | Weather:                   |                 |                 |                                |  |
| 2. WELL DA          | ATA                    |                          | Date Me               |                                  |                                    |                            |                 |                 | orary Well: □Yes □No           |  |
| Casing Diame        | eter:                  | incl                     | nes                   | Type: □ PV                       | C Stainless                        | ☐ Galv. Steel              | ☐ Teflon®       | Other:          |                                |  |
| Screen Diame        | eter:                  | inct                     | nes                   | Type: □ PV                       | C Stainless                        | ☐ Galv. Steel              | ☐ Teflon®       | Other:          | <del> </del>                   |  |
| Total Depth of      | f Well:                | f                        | eet                   | From:   To                       | p of Well Casing                   | g (TOC) 🗖 To               | op of Protectiv | re Casing □ 0   | Other:                         |  |
| Depth to Station    | c Water:_              | f                        | eet                   | From:   To                       | p of Well Casing                   | g (TOC) 🗆 To               | op of Protectiv | re Casing 🔲 🤇   | Other:                         |  |
| Depth to Prod       | luct:                  | f                        | eet                   | From:   To                       | p of Well Casin                    | g (TOC) 🗖 T                | op of Protectiv | ve Casing 🔲 🤇   | Other:                         |  |
| Length of Wat       | ter Columi             | n:f                      | eet                   | Well Volume                      |                                    |                            |                 | • ,             | GS):                           |  |
|                     |                        | <del></del>              |                       |                                  |                                    |                            |                 |                 | t 6-in well = 1.469 gal/ft     |  |
| 3. PURGE [          |                        |                          |                       |                                  |                                    |                            |                 |                 | Equipment Model(s)             |  |
| Purge Method        | l: ☐ Baile<br>☐ Centri | er, Size:<br>ifugal Pump | □ Perista             | I Bladder Pump<br>tic Pump ☐ Ine | o □ 2" Sub. Pu<br>ertial Lift Pump | mp 🔲 4" Sub.<br>Other:     | Pump            | 1               |                                |  |
| Materials: Pur      | mp/Bailer              |                          |                       | inless PVC                       | ☐ Teflon® ☐                        | Other:                     | cable           | 2               |                                |  |
| 3167                |                        | □ Dedicate               |                       |                                  |                                    | ned UDISpos<br>ton UOther: | sable           | 3               |                                |  |
| Materials: Rop      | pe/Tubing              |                          |                       |                                  |                                    | d Disposat                 | ole             | 4.              |                                |  |
| Volume to Pu        | rge (minim             | num):                    | well v                | olumes or                        | 9                                  | gallons                    |                 |                 | Outlines and Outlines Outlines |  |
| Was well purg       | ged dry?               | ☐ Yes                    | □ No                  | Pumping Rat                      |                                    |                            |                 | T <sup>**</sup> | Calibrated?                    |  |
|                     | . Gallons<br>moved     | pН                       | Temp                  | Spec. Cond.                      |                                    | DO                         | Turbidity       | Water Level     | Comments                       |  |
|                     | (gal)                  | ±0.1 su                  | ±2°C                  | > of ±3% or<br>±10 µS/cm         | > of ±10% or<br>±20 mV             | > of ±10% or<br>±0.2 mg/L  | ≤ 10 NTU        | Water Level     | Commonto                       |  |
|                     |                        |                          |                       |                                  |                                    |                            |                 |                 |                                |  |
|                     |                        |                          |                       | •                                |                                    | 1                          |                 |                 |                                |  |
|                     |                        | Wel                      | 15 1                  | 401                              | b pes                              | atin                       | <b>S</b>        |                 |                                |  |
|                     |                        |                          |                       |                                  |                                    |                            |                 |                 |                                |  |
|                     |                        |                          |                       |                                  |                                    |                            |                 |                 |                                |  |
|                     |                        |                          |                       |                                  |                                    |                            |                 |                 |                                |  |
|                     |                        |                          |                       |                                  |                                    |                            |                 | Purne date      | a continued on next sheet?     |  |
| 4 CAMPLIA           | IC DA                  | ΤΛ                       |                       |                                  |                                    |                            |                 | 1               |                                |  |
| 4. SAMPLIN          |                        | IA<br>er, Size:          | _                     | I Bladder Pump                   | □ 2" Sub Pu                        | mp 🛚 4" Sub.               | Pump            | Geoci           | nemical Analyses               |  |
| Method(s):          |                        |                          |                       |                                  |                                    | Other:                     |                 | Ferrou          | us Iron: mg/L                  |  |
| Materials: Pur      | mp/Bailer              | ☐ Polyethy               | lene □ Sta<br>ed □ Pr | inless PVC epared Off-Site       | ☐ Teflon® ☐ Field-Clear            | l Other:<br>ned □ Dispos   | able            | DO:             | mg/L                           |  |
| Materials: Tub      | oing/Rone              | □ Polyethy               | lene 🗆 Pol            | ypropylene 🗆                     | Teflon® □ Nyl                      | on。□ Other:                |                 | Nitrate         | e:mg/L                         |  |
|                     |                        | ☐ Dedicate               | ea Li Prep            | ared Oil-Site                    | □ Fleid-Cleane                     | u Disposau                 |                 | Sulfat          | e: mg/L                        |  |
| Depth to Wate       | A                      |                          |                       |                                  |                                    |                            |                 | İ               |                                |  |
| Sample ID:          |                        |                          |                       |                                  |                                    |                            |                 | 1               | nity: mg/L                     |  |
| Duplicate Sam       | •                      |                          |                       |                                  |                                    |                            | - 37            |                 | 7                              |  |
| Equipment Bla       | ank Collec             | ted? U \                 | res 🗆 No              | ) ID:                            |                                    | # of Contain               | iers:           |                 |                                |  |
| 5. COMMEN           | NTS                    |                          |                       |                                  |                                    |                            |                 | ٨               |                                |  |
|                     |                        |                          |                       |                                  |                                    |                            |                 |                 |                                |  |
|                     |                        |                          |                       |                                  |                                    |                            |                 |                 |                                |  |
| Note: Include comme | ents such a            | s well condi             | tion, odor, pi        | esence of NAPI                   | L, or other items                  | not on the field           | data sheet.     |                 | i.                             |  |

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## **GROUNDWATER SAMPLING FIELD DATA SHEET**

## WELL ID: 408 Clinkscales Rd

|   |   |   | TION  |  | ****  |  |                                       |   | ·  |  |  |
|---|---|---|---|--|---|--|---------------------------------------|---|--|--|--|
|   | 1. PROJECT INFORMATION  |   |   |  |   |  |                                       |   |  |  |  |
|   |   |   |   |  |   | Area of Concern:   |                                       |   |  |  |  |
| 1   |   |   |   |  |   | Personnel:   |                                       |   |  |  |  |
|   |   |   |   |  |   |  |                                       |   |  |  |  |
| 2. WEL  | L DATA  |   | Date Me   | easured:   |   | Time:  |                                       | Temp  | oorary Well:   Yes   No                        |  |  |
| Casing  | Diameter:   | inc   | hes   | Type: □ PV   | C   Stainles  | s 🛚 Galv. Stee   | ☐ Teflon®                             | ☐ Other:                                    |  |  |  |
| Screen  | Diameter:   | inc   | hes   | • •  |   | s 🔲 Galv. Stee   |                                       |   |  |  |  |
| Total De  | epth of Well:   |   | feet  | From:   To   | p of Well Casin   | g (TOC) 🗆 T  | op of Protectiv                       | ve Casing                                   | Other:   |  |  |
| Depth to  | Static Water:_  |   | feet  |  | •   |  | •                                     | _   | Other:   |  |  |
| Depth to  | Product:  |   | feet  |  |   | • • •  | ·                                     | •   | Other:   |  |  |
| Length o  | of Water Colum  | n:  | feet  |  |   |  |                                       | •   | GS):<br>/ft 6-in well = 1.469 gal/ft           |  |  |
| 2 DI ID/  | GE DATA   |   | Deta Du   |  |   |  |                                       | - 0.007 gal/                                |  |  |  |
|   |   |   | _   |  |   | Time:  | _                                     |   | Equipment Model(s)                             |  |  |
| Purge N   | lethod: Gent  | rifugal Pum   | p 🛘 Perista   | ltic Pump 🗖 Ine  | ertial Lift Pump  | Other:   | · · · · · · · · · · · · · · · · · · · | 10.5  | 0  |  |  |
| Material  | s: Pump/Bailer  | <ul><li>□ Polyeth</li><li>□ Dedica</li></ul>                                |   |  |   | □ Other:<br>aned □ Dispo   |                                       |   | abid say                                       |  |  |
| Material  | s: Rope/Tubing  |   |   |  |   | ylon □ Other:_<br>ed □ Disposal  |                                       | 3   |  |  |  |
| Volume  | to Purge (minir   |   | ·   |  |   | •  | DIE                                   | 4   |  |  |  |
|   | II purged dry?  | □ Yes   |   | Pumping Rat  |   |  |                                       |   | Calibrated? ☐ Yes ☐                            |  |  |
| 7100 110  | Cum. Gallons  | pН  | Temp  | Spec. Cond.  |   | DO   | Turbidity                             |   |  |  |  |
| Time  | Removed (gal)   | ±0.1 su ±2°C  |   | > of ±3% or > of ±10% or<br>±10 μS/cm ±20 mV   |   |  | ≤ 10 NTU                              | Water Level                                 | Comments                                       |  |  |
| 1045  | (94.7)  |   |   |  |   | ±0.2 mg/L  | 8 F.0                                 |   | 1  |  |  |
| 1043  | <u> </u>  | 6.11  | 17.47   | 0.031  | -()2.5  | 151.9  | 0.10                                  |   |  |  |  |
|   |   |   |   |  |   |  |                                       |   |  |  |  |
|   |   |   |   |  |   |  |                                       |   |  |  |  |
|   | =   |   |   |  |   |  |                                       |   |  |  |  |
|   | _   |   |   |  |   |  |                                       |   |  |  |  |
|   |   |   |   |  |   |  |                                       |   |  |  |  |
|   | -   |   |   |  |   |  |                                       | Purge dat                                   | a continued on next sheet?                     |  |  |
| 4. SAMI   | PLING DA  | TA  |   |  |   |  |                                       | 1 _   |  |  |  |
|   |   | er, Size:   |   |  |   | mp □ 4" Sub.   |                                       | Geoc  | hemical Analyses                               |  |  |
| Method(   | s): ☐ Bail<br>☐ Centr   | er, Size:<br>ifugal Pump  | ☐ Peristalt   | ic Pump 🛭 Ine  | rtial Lift Pump   | Other:   |                                       | Geoc<br>Ferro                               | hemical Analyses<br>us Iron: mg/L              |  |  |
| Method(   | <sub>c.\</sub> . 🛭 Bail   | er, Size:<br>ifugal Pump  | ☐ Peristalt<br>/lene ☐ Stai                                     |  | rtial Lift Pump  Teflon®  | ☐ Other:<br>I Other:   | <del></del>                           | Geoc  | hemical Analyses                               |  |  |
| Method(   | s): ☐ Bail<br>☐ Centr   | er, Size:<br>ifugal Pump<br>□ Polyethy<br>□ Dedicate                        | Peristalt  /lene Stai  ed Stai  /lene Pre                       | ic Pump □ Inelinless □ PVC epared Off-Site   | rtial Lift Pump  Teflon®  Field-Clear  Teflon®  Ny  | ☐ Other:<br>I Other:<br>ned ☐ Dispos   | able                                  | Geoc<br>Ferro                               | hemical Analyses us Iron: mg/L mg/L            |  |  |
| Method( Materials  Materials  | s): Bail Centres: Pump/Baileres: Tubing/Rope  | er, Size: ifugal Pump  □ Polyethy □ Dedicate □ Polyethy □ Dedicate          | Peristalt  /lene Stai  ed Pre  /lene Poly  ed Prepa             | inless PVC epared Off-Site ypropylene  ared Off-Site   | rtial Lift Pump ☐ Teflon® ☐ ☐ Field-Clear Teflon® ☐ Nyi ☐ Field-Cleaned   | ☐ Other:<br>I Other:<br>ned ☐ Dispos   | able                                  | Geoc<br>Ferror<br>DO:                       | hemical Analyses  us Iron: mg/L  mg/L  e: mg/L |  |  |
| Method(<br>Materials<br>Materials   | s): ☐ Bail ☐ Centr s: Pump/Bailer s: Tubing/Rope  | er, Size:ifugal Pump  □ Polyethy □ Dedicate □ Polyethy □ Dedicate of Sampli | Peristalt  ylene Stai ed Pre ylene Poly ed Prepa  ng:           | ic Pump □ Ineinless □ PVC epared Off-Site propylene □ ared Off-Site □  | rtial Lift Pump  Teflon® Field-Clean  Teflon® Ny Field-Cleanec  | ☐ Other:<br>I Other:<br>ned ☐ Dispos<br>Ion ☐ Other:<br>d ☐ Disposab<br>I? ☐ Yes ☐ | able le No                            | Geocl<br>Ferror<br>DO:<br>Nitrate<br>Sulfat | hemical Analyses  us Iron: mg/L  mg/L  e: mg/L |  |  |
| Method( Materials Materials  Depth to Sample                                    | s): ☐ Bail ☐ Centr s: Pump/Bailer s: Tubing/Rope Water at Time  | er, Size: ifugal Pump Polyethy Dedicate Polyethy Dedicate Sample            | Peristalt vlene Stai ed Pre vlene Poly ed Prepa ng:             | ic Pump Ine inless PVC epared Off-Site //propylene Ine ared Off-Site Ine Ine Ine Ine Ine Ine Ine Ine Ine Ine | rtial Lift Pump  Teflon®  Field-Clean  Teflon®  Ny Field-Cleaned  Field Filtered  | ☐ Other:<br>I Other:<br>ned ☐ Dispos<br>Ion ☐ Other:<br>d ☐ Disposab<br>I? ☐ Yes ☐ | able le le lo No ners:                | Geocl<br>Ferror<br>DO:<br>Nitrate<br>Sulfat | mg/L e:mg/L mg/L mg/L e:mg/L                   |  |  |
| Method(  Materials  Materials  Depth to Sample  Duplicate                       | s): Bail Centr s: Pump/Bailer s: Tubing/Rope Water at Time  | er, Size: ifugal Pump Polyethy Dedicate Polyethy Dedicate Sampli Sample Da  | Peristalt  vlene Stai ed Pro  vlene Poly ed Prepa  ng:  Yes DNo | ic Pump Ine  | rtial Lift Pump  Teflon® □ Field-Clear Teflon® □ Ny Field-Cleaner Field Filtered Time: \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ | Other: I Other: Ined   | able le lo No ners:                   | Geocl<br>Ferror<br>DO:<br>Nitrate<br>Sulfat | mg/L e:mg/L mg/L mg/L e:mg/L                   |  |  |
| Method(<br>Materials<br>Materials<br>Depth to<br>Sample<br>Duplicate<br>Equipme | s): Bail Centr s: Pump/Bailer s: Tubing/Rope Water at Time X\$CA\S ID: e Sample Collect and Blank Collect | er, Size: ifugal Pump Polyethy Dedicate Polyethy Dedicate Sampli Sample Da  | Peristalt  vlene Stai ed Pro  vlene Poly ed Prepa  ng:  Yes DNo | ic Pump Ine  | rtial Lift Pump  Teflon® □ Field-Clear Teflon® □ Ny Field-Cleaner Field Filtered Time: \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ | Other: I Other: Ined   | able le lo No ners:                   | Geocl<br>Ferror<br>DO:<br>Nitrate<br>Sulfat | mg/L e:mg/L mg/L mg/L e:mg/L                   |  |  |
| Method(  Materials  Materials  Depth to Sample  Duplicate                       | s): Bail Centr s: Pump/Bailer s: Tubing/Rope Water at Time X\$CA\S ID: e Sample Collect and Blank Collect | er, Size: ifugal Pump Polyethy Dedicate Polyethy Dedicate Sampli Sample Da  | Peristalt  vlene Stai ed Pro  vlene Poly ed Prepa  ng:  Yes DNo | ic Pump Ine  | rtial Lift Pump  Teflon® □ Field-Clear Teflon® □ Ny Field-Cleaner Field Filtered Time: \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ | Other: I Other: Ined   | able le lo No ners:                   | Geocl<br>Ferror<br>DO:<br>Nitrate<br>Sulfat | mg/L e:mg/L mg/L mg/L e:mg/L                   |  |  |
| Method(<br>Materials<br>Materials<br>Depth to<br>Sample<br>Duplicate<br>Equipme | s): Bail Centr s: Pump/Bailer s: Tubing/Rope Water at Time X\$CA\S ID: e Sample Collect and Blank Collect | er, Size: ifugal Pump Polyethy Dedicate Polyethy Dedicate Sampli Sample Da  | Peristalt  vlene Stai ed Pro  vlene Poly ed Prepa  ng:  Yes DNo | ic Pump Ine  | rtial Lift Pump  Teflon® □ Field-Clear Teflon® □ Ny Field-Cleaner Field Filtered Time: \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ | Other: I Other: Ined   | able le lo No ners:                   | Geocl<br>Ferror<br>DO:<br>Nitrate<br>Sulfat | mg/L e:mg/L mg/L mg/L e:mg/L                   |  |  |

#### **GROUNDWATER SAMPLING FIELD DATA SHEET**

WELL ID: 311 Kaye Dr

|                        |                |                    |                |                              | <del></del>       |                                 |                 |                  |                                      |  |  |  |
|------------------------|----------------|--------------------|----------------|------------------------------|-------------------|---------------------------------|-----------------|------------------|--------------------------------------|--|--|--|
| 1. PROJECT INFORMATION |                |                    |                |                              |                   |                                 |                 |                  |                                      |  |  |  |
|                        | •              |                    |                |                              |                   |                                 |                 | Area of Concern: |                                      |  |  |  |
|                        |                |                    |                |                              |                   | _ Personnel:                    |                 |                  |                                      |  |  |  |
| Project Lo             | cation: And    |                    |                |                              |                   |                                 |                 |                  |                                      |  |  |  |
| 2. WELL                | DATA           |                    | Date Me        | asured:                      |                   | Time:                           |                 | Temp             | orary Well: □Yes □No                 |  |  |  |
| Casing Dia             | ameter:        | inc                | hes            | Type: ☐ PV                   | C 🗆 Stainless     | Galv. Steel                     | ☐ Teflon®       | Other:           | ···········                          |  |  |  |
| Screen Dia             | ameter:        | inc                | hes            | Type: □ PV                   | C 🗆 Stainless     | Galv. Steel                     | □ Teflon®       | Other:           |                                      |  |  |  |
| Total Dept             | th of Well:    |                    | feet           | From:   To                   | p of Well Casin   | g (TOC) 🗖 To                    | op of Protectiv | re Casing   G    | Other:                               |  |  |  |
| Depth to S             | Static Water:_ |                    | feet           | ,                            | •                 | • • •                           | •               | _                | Other:                               |  |  |  |
| Depth to F             | Product:       |                    | feet           |                              |                   | • • •                           | op of Protectiv | e Casing 🗆       | Other:                               |  |  |  |
| Length of              | Water Colum    | n:                 | feet           |                              |                   | -                               |                 | •                | GS):<br>/ft 6-in well = 1.469 gal/ft |  |  |  |
|                        | E DATA         |                    |                |                              |                   | Time:                           |                 |                  | Equipment Model(s)                   |  |  |  |
|                        |                |                    |                |                              |                   |                                 |                 |                  |                                      |  |  |  |
| Purge Met              | tnod: Cent     |                    |                |                              |                   | ump 🔲 4" Sub.                   |                 |                  |                                      |  |  |  |
| Materials:             | Pump/Bailer    | ☐ Polyeth☐ Dedicat |                |                              |                   | ☐ Other:<br>aned ☐ Dispos       |                 |                  |                                      |  |  |  |
| Materials:             | Rope/Tubing    | □ Polyeth          | ylene 🗆 Po     | lypropylene 🗆                | Teflon® □ Ny      | /lon □ Other:_<br>ed □ Disposat | nie .           | 3                |                                      |  |  |  |
| Volume to              | Purae (minir   |                    |                | olumes or                    |                   | •                               | ,,,,            | 4                |                                      |  |  |  |
|                        | purged dry?    | ☐ Yes              |                |                              | te:               | -                               |                 |                  | Calibrated? ☐ Yes ☐                  |  |  |  |
| C                      | Cum. Gallons   | рΗ                 | Temp           | Spec. Cond.                  | ORP               | ORP DO Turbidit                 | Turbidity       | Water Level      |                                      |  |  |  |
| Time                   | Removed (gal)  | ±0.1 su            | ±2°C           | > of ±3% or<br>±10 µS/cm     |                   | > of ±10% or<br>±0.2 mg/L       | ≤ 10 NTU        |                  | Comments                             |  |  |  |
|                        | 10             |                    |                |                              | , TEO III V       | 10.2 1119/2                     |                 |                  |                                      |  |  |  |
|                        |                |                    |                |                              |                   |                                 |                 |                  |                                      |  |  |  |
|                        |                |                    | _              |                              |                   |                                 |                 |                  |                                      |  |  |  |
|                        | 0              | 9                  | Qo.            | ~~                           | 70                |                                 | L~O             |                  |                                      |  |  |  |
|                        |                |                    |                |                              |                   | 6.                              |                 |                  |                                      |  |  |  |
|                        |                |                    |                |                              |                   |                                 |                 |                  |                                      |  |  |  |
|                        |                |                    |                |                              |                   |                                 |                 | Purge dat        | a continued on next sheet?           |  |  |  |
| 4. SAMPI               | LING DA        | TA                 |                |                              |                   | <del></del>                     |                 | 1                | hemical Analyses                     |  |  |  |
| Method(s)              | . 🗆 Bail       | er, Size:          |                | Bladder Pump                 | □ 2" Sub. Pu      | mp 🛚 4" Sub.                    | Pump            | 1                | <del>-</del>                         |  |  |  |
| , ` ′                  | ☐ Centr        |                    |                | •                            | •                 | Other:                          |                 |                  | us Iron: mg/L                        |  |  |  |
| Materials:             | Pump/Bailer    | ☐ Polyetny         |                | inless 🗆 PVC epared Off-Site |                   | ned 🗆 Dispos                    | able            | DO:              | mg/L                                 |  |  |  |
| Materials:             | Tubing/Rope    |                    |                |                              |                   | lon 🗆 Other:<br>d 🔲 Disposab    |                 | Nitrat           | e: mg/L                              |  |  |  |
| Depth to V             | Nater at Time  |                    | ,              |                              |                   | d? 🗆 Yes 🛭                      |                 | Sulfat           | te: mg/L                             |  |  |  |
| Sample ID              | D:             | Sample Da          | ate:           | Sample 1                     | Гіте:             | # of Contain                    | ners:           | Alkalii          | nity: mg/L                           |  |  |  |
| Duplicate :            | Sample Colle   | ected? 🗆 `         | Yes □ No       | ID:                          |                   | # of Contain                    | ners:           |                  |                                      |  |  |  |
| Equipmen               | t Blank Colle  | cted? 🗆 `          | Yes □ No       | ID:                          |                   | # of Contair                    | ners:           |                  |                                      |  |  |  |
| 5. COMM                | MENTS          |                    |                |                              |                   |                                 |                 | <del></del>      |                                      |  |  |  |
|                        |                |                    |                |                              |                   |                                 |                 | <del></del>      |                                      |  |  |  |
|                        |                |                    |                | <del></del>                  |                   |                                 |                 |                  |                                      |  |  |  |
| Note: Include co       | omments such a | as well condi      | tion, odor, pr | esence of NAPI               | L, or other items | s not on the field              | data sheet.     |                  |                                      |  |  |  |

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