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May 27, 2009

Mr. Glenn May, C.P.G.
New York State Department of Environmental Conservation
270 Michigan Avenue
Buffalo, NY 14203

**Subject: Semiannual Monitoring Report, April 2009
Scajaquada Creek Site (#915141B), Buffalo, NY**

Dear Mr. May;

As required by the Operation and Maintenance (O&M) Plan, dated February 8, 2005, this report provides a semiannual summary of operations, maintenance, and field observations made by AECOM Environment (AECOM) (formerly the ENSR Corporation) at the Scajaquada Creek site. The period discussed herein is from June 2008 through April 2009.

Constructed Sediment Cap Observations

A site inspection was conducted on April 8, 2009 by Thomas Clark, P.E., of AECOM. No significant areas of cap disruption or erosion were noted. In one location, about 150 feet south of the railroad bridge on the west bank of the river, a small patch of geotextile was observed on the ground surface about 10 feet from the water surface. There did not appear to be any significant disruption in that area. Soil beneath the geotextile should be removed and stone should be placed on top to hold it in place. The armored expressway runoff channels were all intact.

Previous Period's DNAPL Systems Operations

The Northern and Southern DNAPL collection systems were checked by National Fuel Gas staff on August 7th, September 18th, December 4th, December 12th, December 31st, January 22nd, and March 4th. During these visits the automatic timer was adjusted to maximize the flow of DNAPL while minimizing the flow of groundwater, and tubing was advanced as needed to optimize the performance of the System's peristaltic pump.

The Southern DNAPL collection system was observed to function properly from June 2008 to March 2009. The flexible tubing that runs through the peristaltic pump was changed December 4, 2008 and December 12, 2008. Pumping run time was changed from 30 minutes to 45 minutes on January 22, 2009.

The Northern DNAPL collection system was observed to function properly from June 2008 to December 4th, 2008. Electrical service to the Northern DNAPL collection system was interrupted between December 4th and December 31st. This was likely due to the outside electric meter being broken. Electrical service was restored to the Northern system on December 31st. The system was restarted and was observed to function properly between December 31st, 2008 and March 4th, 2009.

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A large dead tree was removed along the west bank of the creek by Tree Care of Western New York on March 4th, 2009. The tree was removed to avoid damage to the cap.

The volumes of DNAPL recovered this period (49 gallons in the Southern System and 9 gallons in the Northern System) were calculated by taking measurements in the tanks with an oil/water interface probe. The volumes of DNAPL recovered to date were determined to be approximately 1386 gallons by the Southern System and 395 gallons by the Northern System. System monitoring logs are attached.

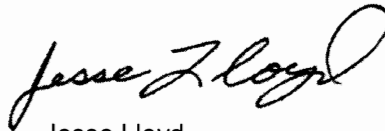
Conclusions

The constructed sediment cap is intact. The DNAPL recovery program continues and both systems are functioning properly.

Please call Jesse Lloyd at (607) 277-5716 if you have any questions or comments.



Thomas P. Clark, P.E.
Senior Engineer



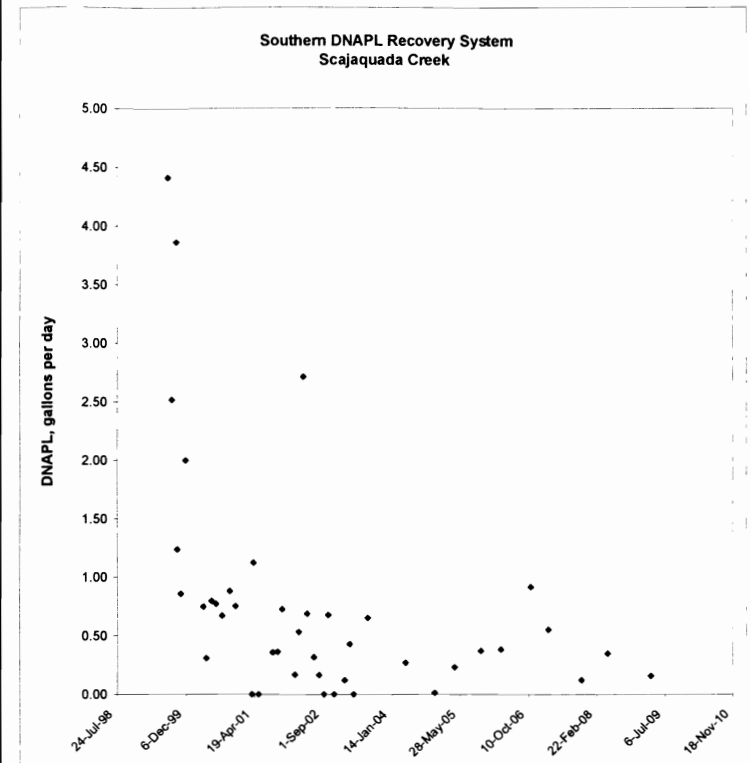
Jesse Lloyd
Project Manager

Attachments: South DNAPL System Monitoring Log
North DNAPL System Monitoring Log

CC: B. Sadowski – NYSDEC, Buffalo
J. Clark, T. Alexander – NFG
K. Hogan – PLHB&B
File: 04870-024-750

SOUTHERN SYSTEM

| Date | Initials | Field Measurements (by OW probe) | | | | Calculations (total tank contents) * | | | | Calculations (this period/recovery) | | | | | Operator's Notes | Transporter | Disposal Facility |
|-----------|-------------|----------------------------------|--|----------------------------------|------------------------------------|--------------------------------------|-------------|-------------|-------------|-------------------------------------|---------------------|--------|------------|------------------|---|----------------|-------------------|
| | | Manhole rim to top of LNAPL (ft) | Manhole rim to top of Water (ft) (estimated) | Manhole rim to top of DNAPL (ft) | Manhole rim to bottom of Tank (ft) | LNAPL (gal) | Water (gal) | DNAPL (gal) | Total (gal) | Water Increase (gal) | NAPL Increase (gal) | % NAPL | NAPL (gpd) | Total Flow (gpd) | | | |
| 24-Jun-99 | mrh | 9.05 | 9.05 | 9.05 | 9.05 | 0 | 0 | 0 | 0 | 0 | 0 | 0% | | 0 | 90% construction complete, begin initial testing | -- | -- |
| 29-Jun-99 | mrh/day | 6.80 | 6.80 | 9.05 | 9.05 | 0 | 695 | 0 | 695 | 695 | 0 | 0% | | 139 | Complete initial system test, PW2003 has silt damage | -- | -- |
| 23-Jul-99 | mrh/day | 6.80 | 6.80 | 9.05 | 9.05 | 0 | 695 | 0 | 695 | 0 | 0 | 0% | | 0 | Recommend shakedown with peristaltic pump | -- | -- |
| 30-Jul-99 | day | 6.34 | 6.34 | 8.95 | 9.05 | 0 | 806 | 31 | 837 | 111 | 31 | 22% | 4.41 | 20 | Shakedown, flow adjustment | -- | -- |
| 26-Aug-99 | jhe | 5.90 | 5.90 | 8.73 | 9.05 | 0 | 874 | 99 | 973 | 68 | 68 | 50% | 2.52 | 5 | Routine system check, slow drip from tank bung noted (0.5 gpd?) | -- | -- |
| 16-Sep-99 | mrh/bdc | 5.79 | 5.80 | 8.75 | 9.05 | 3 | 911 | 93 | 1007 | 37 | -3 | -- | | 2 | Significant (2 gpd?) DNAPL loss through bung drip, PW2003 reinstated | -- | -- |
| 28-Sep-99 | mrh/cc | 3.30 | 3.32 | 8.61 | 9.05 | 6 | 1633 | 136 | 1775 | 723 | 46 | 6% | 3.86 | 64 | Tank emptied (was full, pump off), bung replaced, vault cleaned, flow setting reduced to 4.5 | IWR / BFC | Research Oil |
| 3-Oct-99 | mrh | 8.75 | 8.75 | 9.03 | 9.05 | 0 | 86 | 6 | 93 | 86 | 6 | 7% | 1.24 | 19 | Measurements are visual estimates only, flow setting reduced to 3.5 | -- | -- |
| 11-Oct-99 | cc | 8.75 | 8.75 | 9.03 | 9.05 | 0 | 86 | 6 | 93 | 0 | 0 | 0% | | 0 | No flow observed, flow setting increased to 5.0 | -- | -- |
| 29-Oct-99 | cc | 6.81 | 6.81 | 8.98 | 9.05 | 0 | 670 | 22 | 692 | 584 | 15 | 3% | 0.86 | 33 | Flow setting decreased to 4.0 | -- | -- |
| 2-Dec-99 | mrh/day | 6.09 | 6.10 | 8.77 | 9.05 | 3 | 824 | 86 | 914 | 154 | 68 | 31% | 2.00 | 7 | Flow setting increased to 4.7 (24 gpd), timer installed/set for 1pm to 2pm operation | -- | -- |
| 16-Dec-99 | cc | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | | -- | Pump running but no flow, Timer reset for 3 hr per day operation | -- | -- |
| 9-Mar-00 | mrh/day | 6.09 | 6.10 | 8.89 | 9.05 | 3 | 861 | 49 | 914 | 37 | -37 | -- | | 0 | PW2000 running but no flow, Peristaltic installed (2 hr/day), DNAPL thickened over time | -- | -- |
| 11-Apr-00 | mrh/day | 4.71 | 4.73 | 8.82 | 9.05 | 6 | 1263 | 71 | 1340 | 401 | 25 | 6% | 0.75 | 13 | New peristaltic purchased/installed. Flow setting #7 (for 2 hr/day). | -- | -- |
| 1-May-00 | mrh/dms | 4.62 | 4.64 | 8.80 | 9.05 | 6 | 1284 | 77 | 1368 | 22 | 6 | 22% | 0.31 | 1 | No flow (tubing collapsed). Repaired. | -- | -- |
| 4-May-00 | day/jc | 4.62 | 4.64 | 8.80 | 9.05 | 6 | 1284 | 77 | 1368 | 0 | 0 | 0% | | 0 | No flow (tubing leak). Tank emptied. System turned off. | IWR / BFC | Puretech Systems |
| 8-May-00 | mrh/jif | 9.05 | 9.05 | 9.05 | 9.05 | 0 | 0 | 0 | 0 | 0 | 0 | 0% | | 0 | Original tubing replaced with silicon. System restarted at flow setting #3 (for 2 hr/day). | -- | -- |
| 8-Jun-00 | mrh/day | 8.55 | 8.56 | 8.98 | 9.05 | 3 | 130 | 22 | 154 | 130 | 25 | 16% | 0.80 | 5 | Backfill settled around vault. Total depth shallow, measurements estimated. Tubing adjusted. | -- | -- |
| 10-Jul-00 | mrh/dms | 8.10 | 8.11 | 8.90 | 9.05 | 3 | 244 | 46 | 293 | 114 | 25 | 18% | 0.77 | 4 | Tubing was worn; adjusted. | -- | -- |
| 25-Aug-00 | day | 7.30 | 7.31 | 8.80 | 9.05 | 3 | 460 | 77 | 540 | 216 | 31 | 12% | 0.67 | 5 | Tubing adjusted. | -- | -- |
| 20-Oct-00 | mrh | 6.25 | 6.26 | 8.64 | 9.05 | 3 | 735 | 127 | 865 | 275 | 49 | 15% | 0.88 | 6 | Tubing worn; adjusted. | -- | -- |
| 30-Nov-00 | mrh | 5.75 | 5.77 | 8.55 | 9.05 | 6 | 858 | 154 | 1019 | 124 | 31 | 20% | 0.75 | 4 | Tubing worn; adjusted. Flow rate setting reduced from 3.0 to 1.5; timer not changed | -- | -- |
| 18-Jan-01 | mrh | 5.75 | 5.77 | 8.55 | 9.05 | 6 | 858 | 154 | 1019 | 0 | 0 | -- | | 0 | Pump starts rough and sounds bad. Pump removed and sent in for repairs. | -- | -- |
| 7-Feb-01 | mrh/hs | 5.75 | 5.77 | 8.55 | 9.05 | 6 | 858 | 154 | 1019 | 0 | 0 | 0% | | 0 | Temporary FloJet pump installed but insufficient NPSH due to low creek elevation. | -- | -- |
| 30-Mar-01 | mrh | 5.75 | 5.77 | 8.55 | 9.05 | 6 | 858 | 154 | 1019 | 0 | 0 | 0% | | 0 | Peristaltic (geopump) installed, full speed, 600 rpm, system OK. NAPL is hi viscosity/settled. | -- | -- |
| 10-Apr-01 | mrh | 5.70 | 5.72 | 8.51 | 9.05 | 6 | 861 | 167 | 1034 | 3 | 12 | 80% | 1.12 | 1.4 | 3/16" id tubing replaced with 3/8" id tubing. Float switch replaced (plus relay). | -- | -- |
| 18-May-01 | dms/jc | 5.65 | 5.68 | 8.52 | 9.05 | 9 | 877 | 164 | 1050 | 15 | 0 | 0% | 0.00 | 0.4 | Tubing worn and soft; adjusted. | -- | -- |
| 30-Aug-01 | mrh/hs | 5.53 | 5.55 | 8.39 | 9.05 | 6 | 877 | 204 | 1087 | 0 | 37 | 100% | 0.36 | 0.4 | NAPL appears to be accumulated in well. Timer set to 3 hrs/day. Original peristaltic re-installed. | -- | -- |
| 3-Oct-01 | hs/jc | 5.46 | 5.48 | 8.35 | 9.05 | 6 | 886 | 216 | 1108 | 9 | 12 | 57% | 0.36 | 0.6 | NAPL may still be accumulated in well. Timer increased to 4 hrs/day. | -- | -- |
| 6-Nov-01 | hs/jc | 5.30 | 5.32 | 8.27 | 9.05 | 6 | 911 | 241 | 1158 | 25 | 25 | 50% | 0.73 | 1.5 | Additional NAPL purged from well after readings taken. Timer decreased to 3 hrs/day. | -- | -- |
| 7-Feb-02 | hs/jc | 3.89 | 3.91 | 8.22 | 9.05 | 6 | 1331 | 256 | 1593 | 420 | 15 | 4% | 0.17 | 4.7 | Adjusted peristaltic tubing. | -- | -- |
| 8-Mar-02 | hs/jc | 3.81 | 3.83 | 8.17 | 9.05 | 6 | 1340 | 272 | 1618 | 9 | 15 | 62% | 0.53 | 0.9 | Adjusted peristaltic tubing. | -- | -- |
| 10-Apr-02 | mrh | 3.43 | 3.45 | 7.88 | 9.05 | 6 | 1368 | 361 | 1735 | 28 | 90 | 76% | 2.71 | 3.6 | Adjusted tubing. Installed piston pump for one day test (then removed). Timer increased to 4 hrs. | -- | -- |
| 7-May-02 | hs/jc | 3.15 | 3.17 | 7.82 | 9.05 | 6 | 1436 | 380 | 1822 | 68 | 19 | 21% | 0.69 | 3.2 | Tank full. | Frank's Vacuum | Chemtron |
| 7-May-02 | | 9.05 | 9.05 | 9.05 | 9.05 | 0 | 0 | 0 | 0 | -- | -- | -- | | -- | Tank pumped out. | -- | -- |
| 25-Jun-02 | cd | 6.00 | 6.02 | 9.02 | 9.05 | 6 | 926 | 9 | 942 | 926 | 15 | 2% | 0.32 | 19.2 | Depth's estimated. Pump set at #4, 3 hrs/day | -- | -- |
| 2-Aug-02 | mrh/jc | 3.15 | 3.17 | 9.00 | 9.05 | 6 | 1800 | 15 | 1822 | 874 | 6 | 1% | 0.16 | 23.2 | Tank full, mostly water. | -- | -- |
| 6-Sep-02 | jc | 3.15 | 3.17 | 9.00 | 9.05 | 6 | 1800 | 15 | 1822 | 0 | 0 | 0% | | 0.0 | Tank Emptied. | Frank's Vacuum | Clean Harbors, MD |
| 6-Sep-02 | | 9.05 | 9.05 | 9.05 | 9.05 | 0 | 0 | 0 | 0 | -- | -- | -- | | -- | | -- | -- |
| 8-Oct-02 | mrh/jc | 8.98 | 8.98 | 8.98 | 9.05 | 0 | 0 | 22 | 22 | 0 | 22 | 100% | 0.68 | 0.7 | Pump removed for repair | -- | -- |
| 18-Nov-02 | cd | 8.98 | 8.98 | 8.98 | 9.05 | 0 | 0 | 22 | 22 | 0 | 0 | 0% | | 0.0 | Pump reinstalled | -- | -- |
| 4-Feb-03 | mrh/jc | 4.32 | 4.32 | 8.95 | 9.05 | 0 | 1430 | 31 | 1460 | 1430 | 9 | 1% | 0.12 | 18.4 | Tank again full of mostly water (timer was left on manual?). Tank emptied. | Frank's Vacuum | Clean Harbors, MD |
| 4-Feb-03 | | 9.05 | 9.05 | 9.05 | 9.05 | 0 | 0 | 0 | 0 | -- | -- | -- | | -- | | -- | -- |
| 12-Mar-03 | jc | 9.00 | 9.00 | 9.00 | 9.05 | 0 | 0 | 15 | 15 | 0 | 15 | 100% | 0.43 | 0.4 | Pump running fast, so removed for evaluation/repair. | -- | -- |
| 10-Apr-03 | mrh/jc | 9.00 | 9.00 | 9.00 | 9.05 | 0 | 0 | 15 | 15 | 0 | 0 | 0% | | 0.0 | Pump reinstalled: runs fast/variable with no load, runs OK with flow load. Timer set to 30 min/day, speed 8. | -- | -- |
| 23-Jul-03 | mrh/jc | 8.78 | 8.78 | 8.78 | 9.05 | 0 | 0 | 83 | 83 | 0 | 68 | 100% | 0.65 | 0.7 | Additional system checks/adjustments made by J Clark on 5/5, 5/20, 6/12, and 6/24. | -- | -- |
| 23-Apr-04 | mrh | 8.05 | 8.06 | 8.55 | 9.05 | 3 | 151 | 154 | 309 | 151 | 74 | 33% | 0.27 | 0.8 | Additional system checks/adjustments made by NFG on 8/01, 8/06, 9/05, 9/08, 9/11, 9/17, 9/25, 10/30, 11/18. | -- | -- |
| 24-Nov-04 | jl,jc | 7.31 | 7.32 | 8.54 | 9.05 | 3 | 377 | 157 | 537 | 225 | 3 | 1% | 0.01 | 1.1 | OW Interface probe not acting precisely, actual DNAPL volume probably greater. | -- | -- |
| 19-Apr-05 | mh,jc,jl,sh | 7.19 | 7.20 | 8.43 | 9.05 | 3 | 380 | 191 | 574 | 3 | 34 | 92% | 0.23 | 0.3 | Additional system checks/adjustments made by J Clark on 11/24, 1/20/2005, 3/7, 3/11, 4/12, 4/18. | -- | -- |
| 27-Oct-05 | mrh, jc | 6.96 | 6.97 | 8.20 | 9.05 | 3 | 380 | 262 | 645 | 0 | 71 | 100% | 0.37 | 0.4 | New OW probe, but readings inconsistent with previous readings. System checks by NFG 5/11, 6/24, 7/28, 8/25, 10/06. | -- | -- |
| 22-Mar-06 | mrh, jc | 6.78 | 6.79 | 8.02 | 9.05 | 3 | 380 | 318 | 701 | 0 | 56 | 100% | 0.38 | 0.4 | Additional system checks by NFG 10/26/05, 12/14/05, 1/6/06, 2/24/06. | -- | -- |
| 24-Oct-06 | mrh, jc | 4.90 | 4.91 | 7.38 | 9.05 | 3 | 763 | 516 | 1281 | 383 | 198 | 34% | 0.91 | 2.7 | Depth to NAPL reading is approximate. Additional system checks by NFG 5/11, 6/29, 7/26, 9/07. | -- | -- |
| 2-Mar-07 | jc, cb | 3.36 | 3.37 | 7.15 | 9.05 | 3 | 1167 | 587 | 1757 | 404 | 71 | 15% | 0.55 | 3.7 | Pump turned off 3/02/07 because tank near full. Readings taken 4/25/07. Depth to DNAPL reading is approximate. | -- | -- |
| 23-Jun-07 | | 9.05 | 9.05 | 9.05 | 9.05 | 0 | 0 | 0 | 0 | -- | -- | -- | | -- | Tank pumped out. | -- | -- |
| 30-Oct-07 | dms, jc | 8.55 | 8.56 | 9.01 | 9.05 | 3 | 139 | 12 | 154 | 139 | 15 | 10% | 0.12 | 1.2 | Depth to DNAPL reading is approximate. | -- | -- |
| 13-May-08 | dms, jc | 5.79 | 5.81 | 8.80 | 9.05 | 6 | 923 | 77 | 1007 | 784 | 68 | 8% | 0.35 | 4.3 | Depth to DNAPL reading is approximate. System checks/timer adjustments by NFG on 01/08/08, 3/20/08, and 05/08/08. Tank pumped out | -- | -- |
| 25-Mar-09 | jl, dz | 7.90 | 7.91 | 8.90 | 9.05 | 3 | 306 | 46 | 355 | 306 | 49 | 13% | 0.16 | 1.1 | OW interface probe is working accurately | -- | -- |



Input values Cumulative gallons: Water 9980, NAPL 1386

* 309 gallons per foot of tank height
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NORTHERN SYSTEM

| Date | Initials | Field Measurements (by O/W probe) | | | | Calculations (total tank contents) * | | | | Calculations (this period recovery) | | | | Operator's Notes | Transporter | Disposal Facility | |
|--------------|----------------|-----------------------------------|--|----------------------------------|------------------------------------|--------------------------------------|-------------|-------------|-------------|-------------------------------------|---------------------|--------|------------|------------------|--|-------------------|------------------|
| | | Manhole rim to top of LNAPL (ft) | Manhole rim to top of Water (ft) (estimated) | Manhole rim to top of DNAPL (ft) | Manhole rim to bottom of Tank (ft) | LNAPL (gal) | Water (gal) | DNAPL (gal) | Total (gal) | Water Increase (gal) | NAPL Increase (gal) | % NAPL | NAPL (gpd) | | | | Total Flow (gpd) |
| 28-Nov-01 | mrh/cd | 8.89 | 8.89 | 8.89 | 8.89 | 0 | 0 | 0 | 0 | 0 | 0 | 0% | 0.00 | 0.0 | Develop well with hand operated diaphragm pump. Measurements are approximate. | --- | --- |
| 7-Feb-02 | hs/jc | 8.62 | 8.62 | 8.85 | 8.89 | 0 | 71 | 12 | 83 | 71 | 12 | 15% | 0.17 | 1.2 | Pump well by hand. | --- | --- |
| 8-Mar-02 | hs/jc | 8.61 | 8.61 | 8.85 | 8.89 | 0 | 74 | 12 | 86 | 3 | 0 | 0% | 0.00 | 0.1 | Pump well by hand. | --- | --- |
| 10-Apr-02 | mrh | 8.59 | 8.59 | 8.84 | 8.89 | 0 | 77 | 15 | 93 | 3 | 3 | 50% | 0.09 | 0.2 | Pump well by hand. | --- | --- |
| 7-May-02 | hs/jc | 8.51 | 8.51 | 8.83 | 8.89 | 0 | 99 | 19 | 117 | 22 | 3 | 12% | 0.11 | 0.9 | Hand pump not working well. | --- | --- |
| 25-Jun-02 | cd | 8.51 | 8.51 | 8.83 | 8.89 | 0 | 99 | 19 | 117 | 0 | 0 | 0% | 0.00 | 0.0 | Hand pump not working. Discarded. | --- | --- |
| 2-Aug-02 | mrh/jc | 8.51 | 8.51 | 8.83 | 8.89 | 0 | 99 | 19 | 117 | 0 | 0 | 0% | 0.00 | 0.0 | Begin peristaltic startup. Setting #6.5, 2hr 15 min per day | --- | --- |
| 8-Oct-02 | mrh/jc | 7.43 | 7.44 | 8.55 | 8.89 | 3 | 343 | 105 | 451 | 244 | 90 | 27% | 1.34 | 5.0 | Additional system checks/adjustments made by J Clark on 8/15, 8/21, 8/27, 9/09, and 9/12. | --- | --- |
| 4-Feb-03 | mrh/jc | 7.36 | 7.37 | 8.52 | 8.89 | 3 | 355 | 114 | 472 | 12 | 9 | 43% | 0.08 | 0.2 | Numbers approximate. Surface of contents frozen. Turn on heat. | --- | --- |
| 10-Apr-03 | mrh/jc | 7.28 | 7.29 | 8.50 | 8.89 | 3 | 374 | 120 | 497 | 19 | 6 | 25% | 0.10 | 0.4 | Pumping mostly water, changed timer to 30 min/week. | --- | --- |
| 23-Jul-03 | mrh | 7.05 | 7.06 | 8.49 | 8.89 | 3 | 442 | 124 | 568 | 68 | 3 | 4% | 0.03 | 0.7 | Additional system checks/adjustments made by J Clark on 5/5, 5/20, 6/12, and 6/24. | --- | --- |
| 23-Apr-04 | mrh | 6.90 | 6.91 | 8.42 | 8.89 | 3 | 466 | 145 | 614 | 25 | 22 | 47% | 0.08 | 0.2 | Additional system checks/adjustments made by NFG on 8/01, 8/06, 9/05, 9/08, 9/11, 9/17, 9/25, 10/30, 11/18. | --- | --- |
| 24-Nov-04 | jl, jc | 6.66 | 6.67 | 8.41 | 8.89 | 3 | 537 | 148 | 689 | 71 | 3 | 4% | 0.01 | 0.3 | O/W interface probe not working accurately, depth of DNAPL is estimated. | --- | --- |
| 19-Apr-05 | mh, jc, jl, sh | 6.45 | 6.46 | 8.39 | 8.89 | 3 | 596 | 154 | 753 | 59 | 6 | 10% | 0.04 | 0.4 | Additional system checks/adjustments made by J Clark on 11/24, 1/20/2005, 3/7, 3/11, 4/12, 4/18. | --- | --- |
| 26-Oct-05 | mrh, jc | 6.33 | 6.34 | 8.30 | 8.89 | 3 | 605 | 182 | 790 | 9 | 28 | 75% | 0.15 | 0.2 | New O/W probe, but readings inconsistent with previous readings. System checks by NFG 5/11, 6/24, 7/28, 8/25, 10/06. | --- | --- |
| 22-Mar-06 | mrh, jc | 6.20 | 6.21 | 8.23 | 8.89 | 3 | 624 | 204 | 831 | 19 | 22 | 54% | 0.15 | 0.3 | Additional system checks by NFG 10/26/05, 12/14/05, 1/6/06, 2/24/06. | --- | --- |
| 24-Oct-06 | mrh, jc | 5.20 | 5.21 | 7.89 | 8.89 | 3 | 828 | 309 | 1139 | 204 | 105 | 34% | 0.49 | 1.4 | Depth to NAPL reading is approximate. Additional system checks by NFG 5/11, 6/29, 7/26, 9/07. | --- | --- |
| 25-Apr-07 | mrh, jc | 4.90 | 4.91 | 7.80 | 8.89 | 3 | 892 | 337 | 1232 | 65 | 28 | 30% | 0.15 | 0.5 | Depth to NAPL reading is approximate. Additional system checks by NFG 10/31/2006, 11/16/2006, 3/02/2007. | --- | --- |
| 30-Oct-07 | dms, jc | 4.68 | 4.69 | 7.70 | 8.89 | 3 | 929 | 367 | 1300 | 37 | 31 | 45% | 0.16 | 0.4 | Depth to NAPL reading is approximate. Tubing changed out. | --- | --- |
| 13-May-08 | dms, jc | 3.46 | 3.47 | 7.65 | 8.89 | 3 | 1291 | 383 | 1677 | 361 | 15 | 4% | 0.08 | 1.9 | Depth of DNAPL is estimated. Additional system checks by NFG on 1/08/08, 3/20/08 and 5/08/08. Tank pumped out. | --- | --- |
| 25-Mar-09 | jl, dz | 8.75 | 8.76 | 8.87 | 8.89 | 3 | 34 | 6 | 43 | 34 | 9 | 20% | 0.03 | 0.1 | O/W interface probe is working accurately | --- | --- |
| Input values | | | | | | | | | | Cumulative gallons | | 1325 | 395 | | | | |
| | | | | | | | | | | | | Water | NAPL | | | | |

* 309 gallons per foot of tank height
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