

DAILY OBSERVATION REPORT

Report No.: 47 EA Project File: 1447429 Date: March 05, 2012

EA Engineering, P.C.

6712 Brooklawn Parkway, Suite 104
Syracuse, NY 13211-2158



Site No. 1-52-140

Contractor PM: AECOM – Walter Howard
NYSDEC PM: Jeffrey Dyber
Construction Manager: AECOM - Kent Wagener
Air Monitoring: AECOM
Health & Safety: AECOM

NYSDEC Division of Environmental Remediation
Site Location: Albany St., Babylon, NY (Site No. 1-52-140)

Weather Conditions

General Description	Sunny	am	Sunny	Pm
Temperature	37	am	40	Pm
Wind Direction	10-12 mph WNW	am	10-12 mph WNW	Pm

HEALTH & SAFETY:

(*If any box(s) below are checked "Yes", list the deviation under the "Items for Concern" section of this report).

Were there any changes to the Health & Safety Plan?	*Yes ()	No (X)	NA ()
Were there any exceedances at the perimeter action level reported on this date? Air:	*Yes ()	No (X)	NA ()
Were there any dust/odor issues reported or observed on this date?	*Yes ()	No (X)	NA ()

WASTE HAULING:

(*If any box(s) below are checked "Yes", list the deviation under the "Items for Concern" section of this report).

Were there any vehicles that did not display proper D.O.T. numbers and placards?	*Yes ()	No ()	NA (X)
Were there any vehicles which were not tarped?	*Yes ()	No ()	NA (X)

Materials Removed From Site:

Disposal Facility: 110 Sand Company
Total Loads (on this date): 0
Total Loads (to date): 1
Total Estimated Daily Weight (tons): 0
Total Approximate* Weight (tons): 20

*Actual (total weight) adjusted periodically based on weight tickets submitted by the disposal facilities.

DAILY OBSERVATION REPORT

Report No.: 47

EA Project File:

1447429

Date: March 05, 2012

Summary of Events:

- Onsite at 11:00, spoke with Kent Wagoner and Sam Rowe (AECOM) regarding planned work for the day. Posillico Construction (Posillico) already onsite.
- Prior to the start of work, AECOM conducted health and safety meeting, discussed overall goals for day, and setup upwind and downwind air monitoring stations. Upwind station installed along northwestern edge of SCWA and downwind station installed along southern Suffolk County Water Authority (SCWA) border. Air monitoring was performed in accordance with the Contract Documents and AECOM's Remedial Action Work Plan (RAWP): Section 4.2 – Dust Monitoring, Section 5.0 – Air Monitoring Plan. No exceedances were recorded.
- Drilling activities are on standby until hydraulic pump is repaired. Drilling is estimated to resume on 07 March 2012.
- Prior to high-density polyethylene (HDPE) pipe installation, Posillico prefabricated pipe lengths and fittings on SCWA property using heat fusion welds (RAWP Section 2.3.4.1 – Piping Installation). Posillico began installing piping along the north side of the treatment system pad (piping manifold). 45-degree and 90-degree elbows (Submittal No. 15064-001A – HDPE Pipe and Fittings) were welded to DDC-08, DDC-07, and two sets of spare airlines, positioning air lines above grade for treatment system connections. Air lines were arranged as one row (alternating 6-in. and 4-in. air lines). Negative slope towards sumps was maintained throughout trench line. Piping extensions were connected in the trench line using heat fusion welds. Copper tracer wire was continuously placed through the trench. No damaged piping/fittings were used throughout the process. Piping installation was completed in accordance with RAWP Section 2.3.4.1 – Piping Installation and Section 02605 – Underground Piping of the Contract Documents.
- Once piping and fittings were installed, Posillico performed air line pressure tests on the two sets of spares. Before pressure testing, Posillico welded end caps (Submittal 15064-001A) to each air line via heat fusion. End caps were drilled and tapped to accommodate pressure gauges and air compressor connects. Test pressure was set at 20 psi, greater than 1.5 times the maximum blower pressure of 15 psi. Air lines were allowed to stand without makeup pressure for 20 minutes to allow for expansion of pipe. After equilibrium was established, air lines were pressurized to 25 psi, air compressors turned off, and the final test pressure was held for one hour. During the final test pressure, no pressure decreases or leaks were observed. Spare air lines passed pressure tests. Pressure testing was done in accordance with Section 15050 – Piping Installation of the NYSDEC Contract Documents.
- AECOM received 24-in. diameter HDPE DDC well heads.
- Tomorrow (6 March 2012), Posillico will continue to install piping at manifold area and pressure test lines.
- Excavation area secured with orange fencing. Site fence and gates secured upon departure. Off-site at 15:30.

VISITORS TO SITE:

NAME	Representing	Entered Exclusion/CRZ Zone	
None		Yes ()	No ()

PROJECT SCHEDULE:

- DDC well installation (16 January – 02 April 2012).
- Install underground piping (30 January – 07 March 2012)
- Install airline sumps (27 February - 09 March 2012)

ISSUES PENDING:

- None

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EA Project File: 1447429

Date: March 05, 2012

ITEMS OF CONCERN:

- None

Site Representative:

Robert Peterson

Date: 05 March 2012



Report No.: 47

EA Project File: 1447429

Date: March 05, 2012

Photographs



View of air lines being installed along north side of treatment system pad.



Posillico pressure testing piping.

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Date: March 05, 2012



Close up of air compressor connection and pressure gauge on HDPE piping.



View of Posillico connecting piping in trench line via heat fusion.

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Date: March 05, 2012



View of piping installed along north side of treatment system pad.



View of 24-in. diameter DDC well heads.

DAILY OBSERVATION REPORT

Report No.: 48 EA Project File: 1447429 Date: March 06, 2012

EA Engineering, P.C.

6712 Brooklawn Parkway, Suite 104
Syracuse, NY 13211-2158



NYSDEC Division of Environmental Remediation
Site Location: Albany St., Babylon, NY (Site No. 1-52-140)

Site No. 1-52-140

Contractor PM: AECOM – Walter Howard
NYSDEC PM: Jeffrey Dyber
Construction Manager: AECOM - Kent Wagener
Air Monitoring: AECOM
Health & Safety: AECOM

Weather Conditions

General Description	Sunny	am	Sunny	Pm
Temperature	28	am	36	Pm
Wind Direction	6-7 mph NNW	am	7-8 mph WNW	Pm

HEALTH & SAFETY:

(*If any box(s) below are checked "Yes", list the deviation under the "Items for Concern" section of this report).

Were there any changes to the Health & Safety Plan?	*Yes ()	No (X)	NA ()
Were there any exceedances at the perimeter action level reported on this date? Air:	*Yes ()	No (X)	NA ()
Were there any dust/odor issues reported or observed on this date?	*Yes ()	No (X)	NA ()

WASTE HAULING:

(*If any box(s) below are checked "Yes", list the deviation under the "Items for Concern" section of this report).

Were there any vehicles that did not display proper D.O.T. numbers and placards?	*Yes ()	No ()	NA (X)
Were there any vehicles which were not tarped?	*Yes ()	No ()	NA (X)

Materials Removed From Site:

Disposal Facility: 110 Sand Company
Total Loads (on this date): 0
Total Loads (to date): 1
Total Estimated Daily Weight (tons): 0
Total Approximate* Weight (tons): 20

*Actual (total weight) adjusted periodically based on weight tickets submitted by the disposal facilities.

Report No.: 48

EA Project File:

1447429

Date: March 06, 2012

Summary of Events:

- Onsite at 07:00, spoke with Kent Wagoner and Sam Rowe (AECOM) regarding planned work for the day. Posillico Construction (Posillico) already onsite.
- Prior to the start of work, AECOM conducted health and safety meeting, discussed overall goals for day, and setup upwind and downwind air monitoring stations. Upwind station installed along northwestern edge of SCWA and downwind station installed along southern Suffolk County Water Authority (SCWA) border. Air monitoring was performed in accordance with the Contract Documents and AECOM’s Remedial Action Work Plan (RAWP): Section 4.2 – Dust Monitoring, Section 5.0 – Air Monitoring Plan. No exceedances were recorded.
- Drilling activities on standby until hydraulic pump is repaired. A second drill rig and crew will be mobilized to the site on 07 March 2012. Secondary rig will begin drilling DDC-08 on 08 March 2012.
- Prior to high-density polyethylene (HDPE) pipe installation, Posillico prefabricated pipe lengths and fittings on SCWA property using heat fusion welds (RAWP Section 2.3.4.1 – Piping Installation). Posillico finished installing piping along the north side of the treatment system pad (piping manifold). 45-degree and 90-degree elbows (Submittal No. 15064-001A – HDPE Pipe and Fittings) were welded to DDC-05, DDC-06, DDC-09, and DDC-10 air lines, positioning air lines above grade for treatment system connections. Air lines were arranged as one row (alternating 6-inch and 4-inch air lines). Negative slope towards sumps was maintained throughout trench line. Piping extensions were connected in the trench line using heat fusion welds. Copper tracer wire was continuously placed through the trench. No damaged piping/fittings were used throughout the process. Posillico will backfill piping manifold area on 07 March 2012. Piping installation was completed in accordance with RAWP Section 2.3.4.1 – Piping Installation and Section 02605 – Underground Piping of the Contract Documents.
- Once piping and fittings were installed, Posillico performed air line pressure tests on DDC-05, DDC-06, and DDC-07. Before pressure testing, Posillico welded end caps (Submittal 15064-001A) to each air line via heat fusion. End caps were drilled and tapped to accommodate pressure gauges and air compressor connects. Test pressure was set at 20 psi, greater than 1.5 times the maximum blower pressure of 15 psi. Air lines were allowed to stand without makeup pressure for 20 minutes to allow for expansion of pipe. After equilibrium was established, air lines were pressurized to 25 psi, air compressors turned off, and the final test pressure was held for an hour. During the final test pressure, no pressure decreases or leaks were observed. All tested air lines passed pressure tests. Pressure testing was done in accordance with Section 15050 – Piping Installation of the NYSDEC Contract Documents.
- Long Island Power Authority (LIPA) onsite to connect power supply to treatment system transformer.
- Tomorrow (7 March 2012), Posillico will finish pressure tests (DDC-08, DDC-09, and DDC-10) and backfill/compact piping manifold area. Layne will mobilize second drill rig and setup at DDC-08 well.
- Excavation area secured with orange fencing. Site fence and gates secured upon departure. Offsite at 15:30.

VISITORS TO SITE:

NAME	Representing	Entered Exclusion/CRZ Zone	
Jeffrey Dyber	NYSDEC	Yes (X)	No ()

PROJECT SCHEDULE:

- DDC well installation (16 January – 02 April 2012).
- Install underground piping (30 January – 07 March 2012).

ISSUES PENDING:

- None

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Date: March 06, 2012

ITEMS OF CONCERN:

- None

Site Representative:

Robert Peterson

Date: 06 March 2012



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Date: March 06, 2012

Photographs



View of air lines being installed along north side of treatment system pad.



Heat fusion welding 4-in. pipe.

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Close up of air compressor connection and pressure gauge for pressure testing.



View of piping extending to treatment system pad, looking east.

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Date: March 06, 2012



View of piping installed along north side of treatment system pad, looking east.



View of piping installed along north side of treatment system pad, looking west.

DAILY OBSERVATION REPORT

Report No.: 49 EA Project File: 1447429 Date: March 07, 2012

EA Engineering, P.C.

6712 Brooklawn Parkway, Suite 104
Syracuse, NY 13211-2158



Site No. 1-52-140

Contractor PM: AECOM – Walter Howard
NYSDEC PM: Jeffrey Dyber
Construction Manager: AECOM - Kent Wagener
Air Monitoring: AECOM
Health & Safety: AECOM

NYSDEC Division of Environmental Remediation
Site Location: Albany St., Babylon, NY (Site No. 1-52-140)

Weather Conditions

General Description	Sunny	am	Sunny	Pm
Temperature	47	am	52	Pm
Wind Direction	15-17 mph SSW	am	15-17 mph SSW	Pm

HEALTH & SAFETY:

(*If any box(s) below are checked "Yes", list the deviation under the "Items for Concern" section of this report).

Were there any changes to the Health & Safety Plan?	*Yes ()	No (X)	NA ()
Were there any exceedances at the perimeter action level reported on this date? Air:	*Yes ()	No (X)	NA ()
Were there any dust/odor issues reported or observed on this date?	*Yes ()	No (X)	NA ()

WASTE HAULING:

(*If any box(s) below are checked "Yes", list the deviation under the "Items for Concern" section of this report).

Were there any vehicles that did not display proper D.O.T. numbers and placards?	*Yes ()	No ()	NA (X)
Were there any vehicles which were not tarped?	*Yes ()	No ()	NA (X)

Materials Removed From Site:

Disposal Facility: 110 Sand Company
Total Loads (on this date): 0
Total Loads (to date): 1
Total Estimated Daily Weight (tons): 0
Total Approximate* Weight (tons): 20

*Actual (total weight) adjusted periodically based on weight tickets submitted by the disposal facilities.

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Report No.: 49

EA Project File:

1447429

Date: March 07, 2012

Summary of Events:

- Onsite at 07:00, spoke with Kent Wagoner and Sam Rowe (AECOM) regarding planned work for the day. Posillico Construction (Posillico) and Layne Drilling (Layne) already onsite.
- Prior to the start of work, AECOM conducted health and safety meeting, discussed overall goals for day, and setup upwind and downwind air monitoring stations. Upwind station installed along northwestern edge of SCWA and downwind station installed along southern Suffolk County Water Authority (SCWA) border. Air monitoring was performed in accordance with the Contract Documents and AECOM's Remedial Action Work Plan (RAWP): Section 4.2 – Dust Monitoring, Section 5.0 – Air Monitoring Plan. No exceedances were recorded.
- Layne mobilized a second drill rig, support truck, and drill team to DDC-08, located on Benjoe Drive. (Refer to Revised RAWP Figure 1, Submittal No. 02686-002A). Prior to setup, Posillico saw cut temporary asphalt patch at DDC-08. No drilling activities were conducted. Traffic controls and temporary chain link fencing were placed around the perimeter of the drill rig and support truck.
- Posillico constructed wooden braces that were placed around the piping manifold area. Bracing minimized shifting in piping during the backfilling process. Bracing will be removed once piping manifold area is completely backfilled and compacted.
- Posillico performed air line pressure tests on DDC-08, DDC-09, and DDC-10. Before pressure testing, Posillico welded end caps (Submittal 15064-001A) to each air line via heat fusion. End caps were drilled and tapped to accommodate pressure gauges and air compressor connects. Test pressure was set at 20 psi, greater than 1.5 times the maximum blower pressure of 15 psi. Air lines were allowed to stand without makeup pressure for 20 minutes to allow for expansion of pipe. After equilibrium was established, air lines were pressurized to 25 psi, air compressors turned off, and the final test pressure was held for an hour. During the final test pressure, no pressure decreases or leaks were observed. All tested air lines passed pressure tests. Pressure testing was done in accordance with Section 15050 – Piping Installation of the NYSDEC Contract Documents.
- Posillico partially backfilled piping manifold area. Prior to backfilling, unfinished pipe ends were wrapped in plastic to prevent soils from entering. Posillico used excavated material (fine-coarse sand) as backfill. Material contained no rock, asphalt, or sharp edged debris. Backfilled material was compacted in 12-inch lifts using plate compactor. Backfilling was done in accordance with RAWP Sections 2.3.4, 2.3.4.1, and 2.3.4.2 and Contract Document Sections 02111, 02200, 02220, and 02225.
- Tomorrow (8 March 2012), Posillico will finish backfilling piping manifold area. Layne will drilling DDC-08.
- Excavation area secured with orange fencing. Site fence and gates secured upon departure. Offsite at 15:30.

VISITORS TO SITE:

NAME	Representing	Entered Exclusion/CRZ Zone	
None		Yes ()	No ()

PROJECT SCHEDULE:

- DDC well installation (16 January – 30 March 2012).
- Replace DDC-06 piezometers (14 – 16 March 2012).
- Develop DDC wells (19 March – 04 April 2012).
- DDC treatment system mobilization (02 April 2012).

ISSUES PENDING:

- None

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Date: March 07, 2012

ITEMS OF CONCERN:

- None

Site Representative:

Robert Peterson

Date: 07 March 2012



Report No.: 49

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Date: March 07, 2012

Photographs



View of air lines and wooden bracing.



Posillico backfilling piping manifold area, looking west.

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Date: March 07, 2012



View of piping manifold area partially backfilled and compacted, looking west.



View of partially backfilled trench line to treatment system pad, looking east.

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Date: March 07, 2012



Posillico saw-cutting temporary asphalt patch at DDC-08.



View of drill rig at DDC-08.

DAILY OBSERVATION REPORT

Report No.: 50 EA Project File: 1447429 Date: March 08, 2012

EA Engineering, P.C.

6712 Brooklawn Parkway, Suite 104
Syracuse, NY 13211-2158



Site No. 1-52-140

Contractor PM: AECOM – Walter Howard
NYSDEC PM: Jeffrey Dyber
Construction Manager: AECOM - Kent Wagener
Air Monitoring: AECOM
Health & Safety: AECOM

NYSDEC Division of Environmental Remediation
Site Location: Albany St., Babylon, NY (Site No. 1-52-140)

Weather Conditions

Table with 5 columns: General Description, Sunny, am, Sunny, Pm. Rows include Temperature (53 am, 57 Pm) and Wind Direction (18-20 mph SSW am, 20-22 mph SSW Pm).

HEALTH & SAFETY:

(*If any box(s) below are checked "Yes", list the deviation under the "Items for Concern" section of this report).

Table with 4 columns: Question, *Yes (), No (X), NA (). Rows ask about changes to Health & Safety Plan, exceedances at perimeter, and dust/odor issues.

WASTE HAULING:

(*If any box(s) below are checked "Yes", list the deviation under the "Items for Concern" section of this report).

Table with 4 columns: Question, *Yes (), No (), NA (X). Rows ask about vehicles without proper D.O.T. numbers and vehicles not tarped.

Materials Removed From Site:
Disposal Facility: 110 Sand Company
Total Loads (on this date): 0
Total Loads (to date): 1
Total Estimated Daily Weight (tons): 0
Total Approximate* Weight (tons): 20

*Actual (total weight) adjusted periodically based on weight tickets submitted by the disposal facilities.

DAILY OBSERVATION REPORT

Report No.: 50

EA Project File:

1447429

Date: March 08, 2012

Summary of Events:

- Onsite at 07:00, spoke with Kent Wagoner and Sam Rowe (AECOM) regarding planned work for the day. Posillico Construction (Posillico) and Layne Drilling (Layne) already onsite.
- Prior to the start of work, AECOM conducted health and safety meeting, discussed overall goals for day, and setup upwind and downwind air monitoring stations. Upwind station installed on corner of Beta Dr. and Benjoe Dr. and downwind station installed on Benjoe Dr., approximately 30-ft west of Albany Ave. Air monitoring was performed in accordance with the Contract Documents and AECOM's Remedial Action Work Plan (RAWP): Section 4.2 – Dust Monitoring, Section 5.0 – Air Monitoring Plan. No exceedances were recorded.
- Layne received roll-off dumpster for drill cuttings at DDC-08. Drill rig, support truck, and roll-off all placed on the southern edge of Benjoe Dr. Layne installed necessary traffic controls and placed chain link fencing around DDC-08 exclusion zone. Poly was also placed along fencing, near drill head, to act as a barrier to the sidewalk and Benjoe Dr.
- Layne began drilling DDC-08 (Refer to AECOMs Revised RAWP Figure 1, Submittal No. 02686-002A) using dual rotary/air rotary techniques. Layne advanced the 24-in. diameter outer casing to 10.5-ft below ground surface (bgs). Drill string/head will be advanced tomorrow. Layne resumed drilling at DDC-05 and advanced the boring to 65 ft bgs (outer casing at 80 ft bgs). All drill cuttings and water generated during drilling were returned to the surface within the annulus between the drill string and outer casing. Cuttings and water were discharged to a poly lined roll-off. Water was pumped from the roll-off and directed to the weir tank for settling or added to the borehole for drilling. All drill cuttings (fine-medium sands) were logged by Wasatch. Drilling activities were performed in accordance with Section 02686 – Re-Circulation Wells of the Contract Documents.
- Posillico extended ¾-in. high density polyethylene (HDPE) condensate drainage line to each sump. Connections to sumps will be made at a later date. Refer to Submittal No. 15050-003B, Figure 5B – Sump Details.
- Tomorrow (9 March 2012), Posillico will finish backfilling piping manifold area, sump area, and install sump vaults and man-way covers. Layne will continue drilling DDC-08 and DDC-05. Note: Gardiners Clay at DDC-05 location is expected to be at 83.7 ft bgs interval.
- Excavation area secured with orange fencing. Site fence and gates secured upon departure. Offsite at 17:00.

VISITORS TO SITE:

NAME	Representing	Entered Exclusion/CRZ Zone	
None		Yes ()	No ()

PROJECT SCHEDULE:

- DDC well installation (16 January – 30 March 2012).
- Replace DDC-06 piezometers (14 – 16 March 2012).
- Develop DDC wells (19 March – 04 April 2012).
- DDC treatment system mobilization (02 April 2012).

ISSUES PENDING:

- None

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Report No.: 50

EA Project File: 1447429

Date: March 08, 2012

ITEMS OF CONCERN:

- None

Site Representative:

Robert Peterson

Date: 08 March 2012



Report No.: 50

EA Project File: 1447429

Date: March 08, 2012

Photographs



View of drill rig at DDC-08, looking east.



View of roll-off dumpster at DDC-08.

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Date: March 08, 2012



Layne attaching 24-in. diameter outer casing at DDC-08.



View of 3/4-in. condensate drainage lines in sump collection area.

DAILY OBSERVATION REPORT

Report No.: 51 EA Project File: 1447429 Date: March 09, 2012

EA Engineering, P.C.

6712 Brooklawn Parkway, Suite 104
Syracuse, NY 13211-2158



NYSDEC Division of Environmental Remediation
Site Location: Albany St., Babylon, NY (Site No. 1-52-140)

Site No. 1-52-140

Contractor PM: AECOM – Walter Howard
NYSDEC PM: Jeffrey Dyber
Construction Manager: AECOM - Kent Wagener
Air Monitoring: AECOM
Health & Safety: AECOM

Weather Conditions

General Description	Cloudy	am	Mostly Sunny	Pm
Temperature	41	am	47	Pm
Wind Direction	14-16 mph NW	am	10-12 mph WNW	Pm

HEALTH & SAFETY:

(*If any box(s) below are checked "Yes", list the deviation under the "Items for Concern" section of this report).

Were there any changes to the Health & Safety Plan?	*Yes ()	No (X)	NA ()
Were there any exceedances at the perimeter action level reported on this date? Air:	*Yes ()	No (X)	NA ()
Were there any dust/odor issues reported or observed on this date?	*Yes ()	No (X)	NA ()

WASTE HAULING:

(*If any box(s) below are checked "Yes", list the deviation under the "Items for Concern" section of this report).

Were there any vehicles that did not display proper D.O.T. numbers and placards?	*Yes ()	No ()	NA (X)
Were there any vehicles which were not tarped?	*Yes ()	No ()	NA (X)

Materials Removed From Site:

Disposal Facility: 110 Sand Company
Total Loads (on this date): 0
Total Loads (to date): 1
Total Estimated Daily Weight (tons): 0
Total Approximate* Weight (tons): 20

*Actual (total weight) adjusted periodically based on weight tickets submitted by the disposal facilities.

DAILY OBSERVATION REPORT

Report No.: 51

EA Project File:

1447429

Date: March 09, 2012

Summary of Events:

- Onsite at 07:00, spoke with Kent Wagoner and Sam Rowe (AECOM) regarding planned work for the day. Posillico Construction (Posillico) and Layne Drilling (Layne) already onsite.
- Prior to the start of work, AECOM conducted health and safety meeting, discussed overall goals for day, and setup upwind and downwind air monitoring stations. Upwind station installed on corner of Beta Dr. and Benjoe Dr. and downwind station installed on Benjoe Dr., approximately 30-ft west of Albany Ave. Air monitoring was performed in accordance with the Contract Documents and AECOM's Remedial Action Work Plan (RAWP): Section 4.2 – Dust Monitoring, Section 5.0 – Air Monitoring Plan. No exceedances were recorded.
- Layne continued drilling DDC-08 (Refer to AECOMs Revised RAWP Figure 1, Submittal No. 02686-002A) using dual rotary/air rotary techniques. Layne advanced the 24-in. diameter outer casing to 15.0-ft below ground surface (bgs). Drill string/head will be advanced on Monday (12 March 2012). Layne maintained traffic controls and poly-lined chain link fencing around DDC-08 exclusion zone.
- Layne continued drilling DDC-05. Boring was advanced to 75 ft bgs (outer casing to 80 ft bgs). All drill cuttings and water generated during drilling were returned to the surface within the annulus between the drill string and outer casing. Cuttings and water were discharged to a poly lined roll-off. Water was pumped from the roll-off and directed to the weir tank for settling or added to the borehole for drilling. All drill cuttings (fine-medium sands) were logged by Wasatch. Drilling activities were performed in accordance with Section 02686 – Re-Circulation Wells of the Contract Documents.
- Posillico installed concrete sump vaults and man-way covers at each sump collection point (Submittal No. 15050-003B, Figure 5B – Sump Details). Sump collection area was backfilled using excavated material (fine-coarse sand) as backfill. Material contained no rock, asphalt, or sharp edged debris. Backfilled material was compacted in 12-inch lifts using plate compactor. Backfilling was done in accordance with RAWP Sections 2.3.4, 2.3.4.1, and 2.3.4.2 and Contract Document Sections 02111, 02200, 02220, and 02225.
- Off-site at 12:00.

VISITORS TO SITE:

NAME	Representing	Entered Exclusion/CRZ Zone	
None		Yes ()	No ()

PROJECT SCHEDULE:

- DDC well installation (16 January – 30 March 2012).
- Replace DDC-06 piezometers (14 – 16 March 2012).
- Develop DDC wells (19 March – 04 April 2012).
- DDC treatment system mobilization (02 April 2012).

ISSUES PENDING:

- None

ITEMS OF CONCERN:

- None

Site Representative:

Robert Peterson

Date: 09 March 2012



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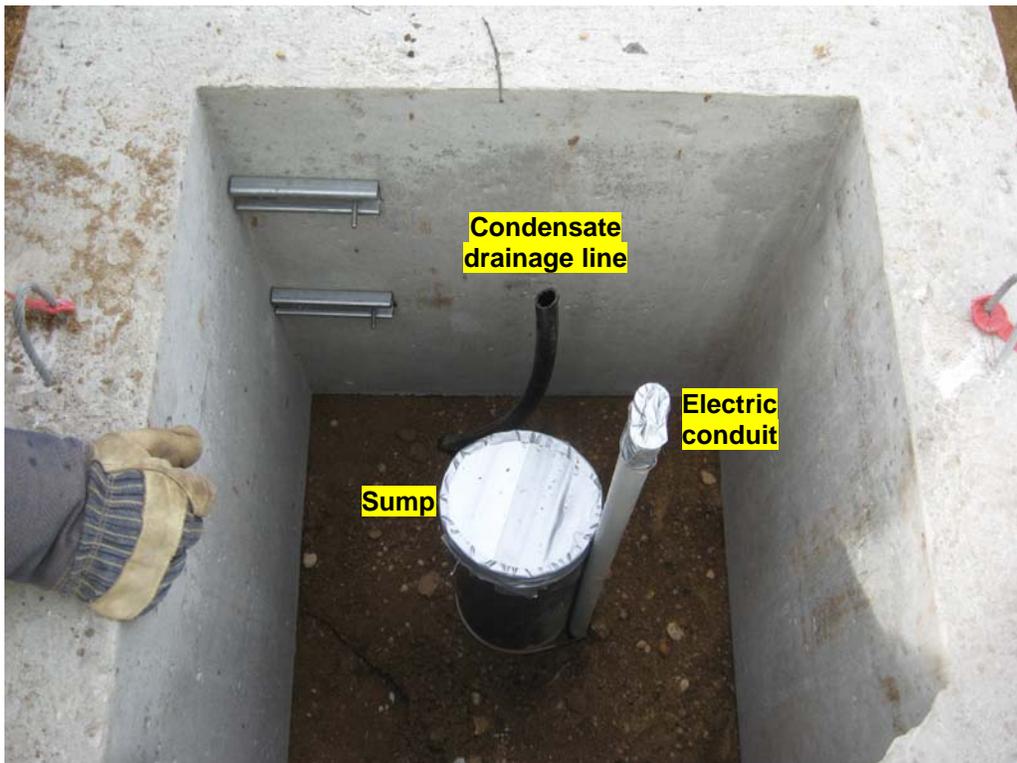
EA Project File: 1447429

Date: March 09, 2012

Photographs



View of concrete sump vaults being installed.



View of sump collection point.

Report No.: 51

EA Project File:

1447429

Date: March 09, 2012



Posillico backfilling/compacting sump collection area.



View of drilling setup at DDC-08, looking east.