

DAILY OBSERVATION REPORT

Report No.: 12 EA Project File: 1447429 Date: January 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 Wagoner
Air Monitoring: AECOM
Health & Safety: AECOM

Weather Conditions

<i>General Description</i>	Mostly Cloudy	am	Sunny	Pm
<i>Temperature</i>	33	am	43	Pm
<i>Wind Direction</i>	Calm	am	Calm	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 Air: action level reported on this date?	*Yes ()	No (X)	NA ()
Were there any dust/odor issues reported or observed on this date?	*Yes ()	No (X)	NA ()

Summary of Events:

- Onsite at 09:00, spoke with Kent Wagoner and Sam Rowe (AECOM) regarding planned work for the day. Posillico Construction and Gray Electric already onsite.
- Posillico saw-cut asphalt around DDC-07, 08, 09, and 10. An 8 ft x 8 ft area was cut to accompany DDC well manhole cover and 48-in. diameter precast concrete casing. Tomorrow, Posillico will remove asphalt and excavate DDC locations to 10 ft and install casings/manhole covers. Refer to AECOM's Remedial Action Work Plan Section 2.3.2 – DDC Well Manhole Construction and Figure 4 – DDC Manhole Installation Detail.
- The precast concrete casings were delivered to site. Casings staged along southern edge of Benjoe Drive. Traffic cones and caution tape placed around casings.
- Gray Electric installed main breakers and electrical meter on treatment system utility panel (western side of system pad). Transformer is expected to be delivered within 1 – 2 weeks.
- Rob Peterson (EA) and AECOM spoke with residents along Benjoe Dr. concerning upcoming construction activities. No concerns or complaints were recorded.
- Off-site at 15:00.

DAILY OBSERVATION REPORT

Report No.: 12

EA Project File: 1447429

Date: January 09, 2012

VISITORS TO SITE:

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

PROJECT SCHEDULE:

- Install system transformer on Suffolk County Water Authority property (16 - 25 January 2012).
- Install DDC well manhole covers and vaults (09 – 13 January 2012).
- Begin drilling DDC wells and trenching (16 January 2012).

ISSUES PENDING:

- None

ITEMS OF CONCERN:

- None

Site Representative:

Robert Peterson

Date: 09 January 2012



Report No.: 12

EA Project File: 1447429

Date: January 09, 2012

Photographs



Posillico saw-cutting DDC-10.



View of Posillico unloading precast concrete casings.

Report No.: 12

EA Project File:

1447429

Date: January 09, 2012



View of casings staged along Benjoe Drive.

DAILY OBSERVATION REPORT

Report No.: 13 EA Project File: 1447429 Date: January 10, 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 Wagoner

Air Monitoring: AECOM

Health & Safety: AECOM

Weather Conditions

<i>General Description</i>	Mostly Sunny	<i>am</i>	Sunny	<i>Pm</i>
<i>Temperature</i>	33	<i>am</i>	48	<i>Pm</i>
<i>Wind Direction</i>	1-2 mph W	<i>am</i>	5-10 mph W	<i>Pm</i>

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 Air: action level reported on this date?	*Yes ()	No (X)	NA ()
Were there any dust/odor issues reported or observed on this date?	*Yes ()	No (X)	NA ()

Summary of Events:

- Onsite at 07:00, spoke with Kent Wagoner and Sam Rowe (AECOM) regarding planned work for the day. Posillico Construction 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. 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.
- Posillico began manhole construction on DDC-09 and DDC-10 (for locations refer to AECOM RAWP Figure 1). Prior to construction activities, Posillico setup traffic controls (i.e., signs, cones, and flag person). An 8 ft x 8 ft area of asphalt was removed at both DDC well locations. Asphalt was transported and disposed of at Posillico's construction yard for recycling. Each location was excavated to 10-ft below ground surface (bgs). Excavated soils (medium sand) were used as backfill. Excess excavated soils were transported and disposed of at Posillico. The manhole was constructed from a 48-in. diameter concrete casing (5-in. wall thickness) and installed from 1 to 10-ft bgs. The casing was installed in accordance with Section 02686 – Re-Circulation Wells of the Contract Documents and AECOM's RAWP Figure 4 – DDC Manhole Installation Detail.
- Both locations were backfilled to 5-ft bgs and then compacted in 12-in. lifts to ground surface. All openings to the casings were sealed using 2 in. x 6 in. lumber and plywood to prevent infiltration of backfilled soils. A temporary asphalt patch was placed over the 8 ft x 8 ft area. Backfill was done in accordance with Section 02220 – Excavation and Subgrade Preparation of the Contract Documents.

DAILY OBSERVATION REPORT

Report No.: 13 EA Project File: 1447429 Date: January 10, 2012

- Cast iron manhole covers were not installed. Manhole covers will be installed after Layne Christiansen installs DDC well heads (eductor assembly). Manhole cover opening will not accommodate eductor assembly diameter. Refer to AECOM's RAWP Section 2.3.2 – DDC Well Manhole Construction and Figure 4 – DDC Manhole Installation Detail.
- Gray Electric finished installing main breakers and electrical meters on treatment system utility panel (western side of system pad). Transformer is expected to be delivered within 1–2 weeks.
- Tomorrow (11 January 2012), Posillico will install manhole casings at DDC-07 and DDC-08. Thursday (12 January 2012), AECOM will perform background air monitoring.
- Off-site at 15:00.

VISITORS TO SITE:

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

PROJECT SCHEDULE:

- Install system transformer on Suffolk County Water Authority property (16 - 25 January 2012).
- Install DDC well manhole casings/vaults (09 – 13 January 2012).
- DDC well installation (16 January – 29 February 2012).

ISSUES PENDING:

- None

ITEMS OF CONCERN:

- None

Site Representative:

Robert Peterson

Date: 10 January 2012



Report No.: 13

EA Project File: 1447429

Date: January 10, 2012

Photographs



View of traffic controls and general setup.



View of DDC-09 excavated area.

Report No.: 13

EA Project File:

1447429

Date: January 10, 2012



Installation of manhole casing/vault.



Lumber used to seal opening to casing before backfilling.

Report No.: 13

EA Project File:

1447429

Date: January 10, 2012



Compacting backfill around casing.



Compacting temporary asphalt patch.

Report No.: 13

EA Project File: 1447429

Date: January 10, 2012



Temporary asphalt patch at DDC-10.

DAILY OBSERVATION REPORT

Report No.: 14 EA Project File: 1447429 Date: January 11, 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 Wagoner
Air Monitoring: AECOM
Health & Safety: AECOM

Weather Conditions

<i>General Description</i>	Sunny	am	Mostly Sunny	Pm
<i>Temperature</i>	28	am	44	Pm
<i>Wind Direction</i>	1-3 mph W	am	3-6 mph W	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 Air: action level reported on this date?	*Yes ()	No (X)	NA ()
Were there any dust/odor issues reported or observed on this date?	*Yes ()	No (X)	NA ()

Summary of Events:

- Onsite at 07:00, spoke with Kent Wagoner and Sam Rowe (AECOM) regarding planned work for the day. Posillico Construction 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. 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.
- Posillico began manhole construction on DDC-07 and DDC-08 (refer to AECOM RAWP Figure 1 for location). Prior to construction activities, Posillico setup traffic controls (i.e., signs, cones, and flag person). An 8 ft x 8 ft area of asphalt was removed at both DDC well locations. Asphalt was transported and disposed of at Posillico's construction yard for recycling. Waste manifests will be provided to EA. Each location was excavated to 10-ft below ground surface (bgs). Excavated soils (medium sand) were used as backfill. Excess excavated soils were transported and disposed of at Posillico. The manhole was constructed from a 48-in. diameter concrete casing (5-in. wall thickness) and installed from 1 to 10-ft bgs. The casing was installed in accordance with Section 02686 – Re-Circulation Wells of the Contract Documents and AECOM's RAWP Figure 4 – DDC Manhole Installation Detail.
- Both locations were backfilled to 5-ft bgs and then compacted in 12-in. lifts to ground surface. All openings to the casings were sealed using 2 in. x 6 in. lumber and plywood to prevent infiltration of backfilled soils. A temporary asphalt patch was placed over the 8 ft x 8 ft area. Backfill was done in accordance with Section 02220 – Excavation and Subgrade Preparation of the Contract Documents.

DAILY OBSERVATION REPORT

Report No.: 14 EA Project File: 1447429 Date: January 11, 2012

- Cast iron manhole covers were not installed. Manhole covers will be installed after Layne Christiansen installs DDC well heads (eductator assembly). Manhole cover opening will not accommodate installation of eductor assembly diameter. Refer to AECOM's RAWP Section 2.3.2 – DDC Well Manhole Construction and Figure 4 – DDC Manhole Installation Detail.
- Gray Electric finished installing main breakers and electrical meters on treatment system utility panel (western side of system pad). Transformer is expected to be delivered within 1–2 weeks.
- Tomorrow (12 January 2012), AECOM will perform background air monitoring on Suffolk County Water Authority (SCWA) well field property and Jeff Dyber (NYSDEC Project Manager) will visit site.
- Offsite at 15:00.

VISITORS TO SITE:

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

PROJECT SCHEDULE:

- Install system transformer on SCWA property (16 - 25 January 2012).
- DDC well installation (16 January – 29 February 2012).

ISSUES PENDING:

- None

ITEMS OF CONCERN:

- None

Site Representative:

Robert Peterson

Date: 11 January 2012



Report No.: 14

EA Project File: 1447429

Date: January 11, 2012

Photographs



View of traffic controls along Benjoe Drive.



Posillico removing asphalt at DDC-08.

Report No.: 14

EA Project File:

1447429

Date: January 11, 2012



Installation of manhole casing/vault at DDC-07.



Lumber used to seal opening to casing before backfilling.

Report No.: 14

EA Project File:

1447429

Date: January 11, 2012



Compacting backfill around casing.



Posillico placing temporary asphalt patch at DDC-07.

DAILY OBSERVATION REPORT

Report No.: 15 EA Project File: 1447429 Date: January 12, 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, Rain	am	Cloudy	Pm
Temperature	40	am	45	Pm
Wind Direction	8-10 mph WSW	am	10-14 mph WSW	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 Air: action level reported on this date?	*Yes ()	No (X)	NA ()
Were there any dust/odor issues reported or observed on this date?	*Yes ()	No (X)	NA ()

Summary of Events:

- Onsite at 09:30, spoke with Kent Wagener and Sam Rowe (AECOM) regarding planned work for the day.
- AECOM conducted baseline air monitoring on Suffolk County Water Authority (SCWA) well field property.
- Jeffrey Dyber (NYSDEC PM) onsite at 14:00. EA, NYSDEC, and AECOM performed walkthrough of Benjoe Dr., Albany Ave., and SCWA property.
- Offsite at 15:00.

DAILY OBSERVATION REPORT

Report No.: 15

EA Project File: 1447429

Date: January 12, 2012

VISITORS TO SITE:

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

PROJECT SCHEDULE:

- Install system transformer on SCWA property (16 - 25 January 2012).
- DDC well installation (16 January – 29 February 2012).

ISSUES PENDING:

- None

ITEMS OF CONCERN:

- None

Site Representative:

Robert Peterson

Date: 12 January 2012

