

DAILY OBSERVATION REPORT

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Report No.: 102

EA Project File:

1447429

Date: June 18, 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 Wagoner

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	Partly Cloudy	Am	Cloudy	Pm
Temperature	66	Am	75	Pm
Wind Direction	5-10 mph SE	Am	5-10 mph SE	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 ()	NA (X)
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): 8

Total Estimated Daily Weight (tons): 0

Total Approximate* Weight (tons): 160

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

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Summary of Events:

- Onsite at 09:30, spoke with Sam Rowe (AECOM) regarding planned work for the day. Planned work includes: removal of temporary asphalt patch along DDC trench line, compact sub-base material, perform density compaction tests on sub-base material, and install permanent asphalt binder. Posillico Construction (Posillico) and Universal Testing and Inspections, Inc. (Universal) on-site.
- EA and AECOM conducted a site walkthrough to inspect completed items since the last oversight visit (29 May 2012). The following items were noted as complete:
 - AECOM installed metal sheds over DDC-05 and DDC-06. The sheds were painted with two coats of green paint. DDC-05 and DDC-06 well heads were wrapped with water heater insulation to prevent freezing during the winter.
 - The knock-out tank condensate discharge line was rerouted to the 6-in. air return line from DDC-06. This will allow for the condensate to drain to the sump collection area. The line was installed using insulated pipe.
 - AECOM installed concrete around the DDC-06 piezometers.
 - Posillico installed a concrete apron around the sump collection point and replaced the concrete sidewalk that was removed during the pipe trench installation. The sidewalk is located on the eastern side of Albany Ave.
 - AECOM completed asphalt installation at the On-site Treatment System #2. The ground around DDC-03 was leveled, a curb box was installed over DDC-03 sump, and asphalt was installed around DDC-3 well head / sump cover and extended to the treatment system access door (see attached photos).
- Prior to startup, Posillico installed necessary traffic controls in accordance with the Traffic Control Plan, Permit No. 60135649. Albany Ave. and Benjoe Dr. were converted to single lane traffic with the use of traffic cones, signage, and flag men. A backhoe was used to excavate the temporary asphalt patch along the DDC airline trench. The asphalt was directly loaded to dump trucks and transported to Posillico's construction yard for recycling. Once the asphalt was removed, the recycled concrete sub-base material was re-compacted with a plate compactor and density compaction test were performed. Universal Testing and Inspections, Inc. performed the tests at a rate of 1 test per DDC well for a total of 4 tests along the trench line. All tests passed and showed the material compaction to be above the 95% standard proctor.
- Posillico installed the permanent asphalt binder along the DDC trench line from DDC-10 to the western edge of Albany Ave. The asphalt binder met the requirements for the NYSDOT Type 3 asphalt (see Section 02513 of the Contract Documents). The asphalt was compacted using a plate compactor and allowed to cool before traffic was permitted on the surface. The asphalt binder was installed in accordance with Section 02513 – Hot Mix Asphalt Concrete Pavements of the Contract Documents. Tomorrow (19 June 2012), Posillico will install the asphalt top coat and plastic joint material.
- No concerns/complaints from residences were documented.
- Offsite at 16:30.

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VISITORS TO SITE:

NAME	Representing	Entered Exclusion/CRZ Zone	
		Yes ()	No ()

PROJECT SCHEDULE:

- Restoration of Suffolk County Water Authority property; apply topsoil, fertilizer, and seed.

ISSUES PENDING:

- None

ITEMS OF CONCERN:

- None

Site Representative:

Robert Peterson

Date: 18 June 2012



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Photographs



View of DDC-05 shed.



View of DDC-06 well head and piping in shed.

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View of DDC-05 well head wrapped with insulation.



View of concrete apron around sump collection point and DDC-06 shed in background.

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View of relocated knock-out tank discharge line.



Close-up view of knock-out discharge line connection to DDC-06 air return pipe.

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Restored sidewalk along eastern edge of Albany Ave., looking north.



View of onsite cold patch asphalt around DDC-03 and sump.

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View of onsite cold patch asphalt along DDC-03 trench line and Treatment System #2.



Posillico removing temporary asphalt along offsite DDC trench line.

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Posillico placing permanent asphalt binder along offsite DDC trench line.



View of compacted asphalt binder. Standing at DDC-10 looking east.

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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

NYSDEC Division of Environmental Remediation

Site Location: Albany St., Babylon, NY (Site No. 1-52-140)

Weather Conditions

General Description	Cloudy	Am	Cloudy	Pm
Temperature	65	Am	72	Pm
Wind Direction	7-12 mph SSW	Am	5-12 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 Air: *Yes () No () NA (X)
action level reported on this date?

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): 8

Total Estimated Daily Weight (tons): 0

Total Approximate* Weight (tons): 160

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

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Summary of Events:

- Onsite at 06:30, spoke with Sam Rowe (AECOM) regarding planned work for the day. Planned work includes: Installation of permanent asphalt top coat and plastic joint material. Posillico Construction (Posillico) onsite.
- Prior to startup, Posillico installed necessary traffic controls in accordance with the Traffic Control Plan, Permit No. 60135649. Albany Ave. and Benjoe Dr. were converted to single lane traffic with the use of traffic cones, signage, and flag men. The asphalt top coat was placed along the DDC trench line from DDC-10 to the eastern edge of Albany Ave. The top coat met the requirements for the NYSDOT Type 7F (see Section 02513 of the Contract Documents). The asphalt was compacted using a roller compactor and allowed to cool before traffic was permitted on the surface. Plastic joint material was used to seal the edges of the asphalt. A 6-in. wide strip of joint material was applied to all edges of the asphalt. The asphalt top coat and plastic joint material was installed in accordance with Section 02513 – Hot Mix Asphalt Concrete Pavements of the Contract Documents.
- Gray Electric and LIPA onsite to remove construction trailer utility pole located on Suffolk County Water Authority (SCWA) property. LIPA removed the utility line and meter and Gray removed the pole and transported off-site. LIPA also conducted an inspection of the treatment system transformer and utility panel. Both items were deemed satisfactory.
- No concerns/complaints from residences were documented.
- Offsite at 12:30.

VISITORS TO SITE:

NAME	Representing	Entered Exclusion/CRZ Zone	
		Yes ()	No ()

PROJECT SCHEDULE:

- Restoration of SCWA property; apply topsoil, fertilizer, and seed.

ISSUES PENDING:

- None

ITEMS OF CONCERN:

- None

Site Representative:

Robert Peterson

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Photographs



View of Posillico placing permanent asphalt top coat along Albany Ave.



Posillico compacting permanent asphalt top coat using a roller compactor.

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View of permanent asphalt along DDC trench line.



View of DDC-07 manhole cover and permanent asphalt.

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View of permanent asphalt along DDC trench line, looking west.



View of LIPA removing construction trailer power line.