

DAILY OBSERVATION REPORT

Report No.: NYSEG081716

Date: August 17, 2016

NYSDEC

DER - Remedial Bureau C

Inspection Unit

**NYSEG Goshen MGP Site
Remedial Action
Site Number 336046**

**NYSEG PM: Tracy Blacizek
NYSDEC PM: Sarah Saucier
Construction Manager: Marcus Hagan, Arcadis
Project Engineers: Jason Golubski, Arcadis
Remedial Contractor: Abscope
Air Monitoring: Arcadis
Health & Safety: Abscope**

Weather Conditions

<i>General Description</i>	P. Sunny	am	Sunny	pm
<i>Temperature</i>	65 F	am	85 F	pm
<i>Wind Direction</i>	None	am	None	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 Noise /Vibration exceedances reported on this date?	Noise: *Yes ()	No (X)	NA ()
	Vibration: *Yes ()	No (X)	NA ()
Were there any breaches to the silt fence reported/observed on this date?	*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 of Concern" section of this report).*

Were there any vehicles which did not display proper D.O.T numbers and placards?	*Yes ()	No ()	NA (X)
Were there any vehicles which were not lined or tarped?	*Yes ()	No ()	NA (X)
Were there any vehicles which were not decontaminated prior to exiting the work site?	* Yes ()	No ()	NA (X)

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Materials Removed From Site: N/A

Disposal Facility's:

Trucking Company:

Total Loads: (on this date)

Total Daily Weight: (est.)

Total Loads: (to date)

Total Weight: (*approx.)

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

Summary of Events:

- AOS 0745. Marcus Hagan (Arcadis); John Lalonde, Rob Drabot, Abscope Crew on site.
- Northeast Specialized Drilling (NSD) crew on site; Marc Cheney and Al Linstruth.
- NSD set up on pilot cell about 10 feet from the north end of the cell. The cell was mixed on 8/9 and the initial 7 day break was reported as 20 psi. NSD had only an HQ core barrel and 3 inch spoons; no PQ barrel or wash tub with them. Top of monolith is exposed at 2.5 feet bgs.
- Began with HQ barrel. Had approximately 10 inches of recovery from the 0-5 foot interval; only about 6 inches of treatment with the rest being large pieces of gravel. Sheens were seen in the wash water periodically popping up from 2.8-4.8 feet bgs.
- From 5 to 9.4 feet bgs, had about 8 inches of recovery, all showing full treatment. Heavy sheen and NAPL appeared in wash water at approximately 6.5 feet bgs, and sheen was present until 9.4 feet bgs in water.
- From 9.4 to 14.4 feet bgs there was no recovery in the barrel. Moderate to heavy sheen, slight NAPL in wash water for the entire interval. At this point Arcadis decides to abandon coring and switch to 3 inch spoons.
- Began with 3 inch spoons from the top of the monolith. Had full treatment with no impacts on soil from 0 to 4 feet bgs. At 4 to 6 foot interval there was a 2-3 inch area of NAPL coating at approximately 5.5 feet bgs. At 6-8 foot interval there was a 2 inch seam of NAPL at approximately 7 feet bgs; rest of interval fully treated. From 8 to 17.6 feet bgs the soil was fully treated with no impacts. At 17.6-18 feet bgs, the soil was untreated. The interval from 18-20 feet bgs showed treatment to 19.1, then untreated soil to 20 feet bgs. Most likely this was the transition zone between full reach of the machine and the rest of the cell. From 20-24 feet bgs the soil was untreated, but also had no impacts.

VISITORS TO SITE:

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

PROJECT SCHEDULE:

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ISSUES PENDING:

- None

ITEMS OF CONCERN:

- Arcadis stated that they believed the treatment went to 23 feet bgs, since the GPS on the excavator broke and measurements were taken with a steel rod. The actual depth of treatment was only 20 feet bgs.

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SITE REPRESENTATIVE
CONSTRUCTION INSPECTOR:



R. Scott Deyette Date: 08/03/16



Start of ISS coring in pilot cell.

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Little recovery showing some treated material from 0-5 feet bgs.

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NAPL in water at about 6.5 feet bgs.

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Sample from 0-2 feet bgs showing full treatment.

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Untreated soil shown at approximately 19.8 feet bgs.