From: Laura Neubauer <lneubauer@luengineers.com>
To: "biondj@cityofrochester.gov" <biondj@cityofrochester.gov>, "JeffDanzinge...
CC: "Peck, Dennis M. (peckd@CityofRochester.gov)" <peckd@CityofRochester.gov...
Date: 10/22/2012 4:17 PM
Subject: Andrews St. IRM Daily Update

Andrews St. IRM - 10/22/12

Trec mobilized equipment to the Site, placed straw bales around catch basins, began decon pad construction, replaced gate chains. POD delivered.

No samples collected.

Tomorrow start @ 7:30 am to complete decon pad, move concrete bollards, and delivery of clean sand for constructing staging areas.

Laura M. Neubauer, CHMM
Environmental Project Manager

[Lu Engineers Logo Email]
175 Sully's Trail, Suite 202
Pittsford, NY 14534
(585) 385-7417 ext. 219

From: Laura Neubauer <lneubauer@luengineers.com>
To: "biondj@cityofrochester.gov" <biondj@cityofrochester.gov>, "cbtheoba@gw....
CC: "NSimon@daymail.net" <NSimon@daymail.net>, "Peck, Dennis M.(peckd@Cityof...
Date: 10/25/2012 4:30 PM
Subject: FW: Andrews St. IRM Daily Update

Andrews St. IRM - Thursday 10/25/12

Trec decommissioned MW-3 and basement sump well. Cleared catch basin area on northeast portion of Site.

Weekly progress meeting on-site @ 1:00. Meeting minutes to follow in separate email.

Began piping removal at IRM-06 southeast end. Piping staged in type B staging area. Soils above piping staged as Type A soil in IRM-06 staging area. Removed south and east leg of piping run. Filter fabric to be used as demarcation layer vs. crushed stone in IRM-06 (work plan deviation- see Mtg minutes).

Collected 3 bottom samples: 206-IRM06_bottom(03), 207-IRM06_bottom(03), and 208-IRM06_bottom(03) as outlined in QAPP. Sample locations logged in GPS.

Plan for tomorrow: continue piping removal in IRM-06; backfill material to be delivered; backfill IRM-06 piping trench.
Trec to start @ 7:30am.

Laura M. Neubauer, CHMM
Environmental Project Manager

[Lu Engineers Logo Email]
175 Sully's Trail, Suite 202
Pittsford, NY 14534
(585) 385-7417 ext. 219

From: Laura Neubauer
Sent: Wednesday, October 24, 2012 3:27 PM
To: biondj@cityofrochester.gov; cbtheoba@gw.dec.state.ny.us; Jeff Danzinger (JDanzinger@daymail.net); Greg Andrus
Cc: NSimon@daymail.net; Peck, Dennis M. (peckd@CityofRochester.gov)
Subject: Andrews St. IRM Daily Update

Andrews St. IRM - Wednesday 10/24/12

Trec continued to work on preparing the Site: set-up soil staging areas and placed concrete bollards around wells.

Gravel mixed with soil from 0-1' bgs at the decon pad area is staged on poly on the west side of the Site and covered, pending sampling and analysis. This material is assumed to be suitable for re-use.

No samples collected.

Bob Long, NYSDEC, was on-site 13:40-14:00.

Plan for tomorrow: decommission wells and begin piping removal at IRM-06 (SE end). Trec to be on-site @ 8:00 am.

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To: "biondj@cityofrochester.gov" <biondj@cityofrochester.gov>, "cbtheoba@gw....
CC: "NSimon@daymail.net" <NSimon@daymail.net>, "Peck, Dennis M.(peckd@Cityof...
Date: 10/26/2012 3:28 PM
Subject: RE: Andrews St. IRM Daily Update

Andrews St. IRM - Friday 10/26/12

Trec uncovered gas line in Evans St. ROW. RG&E tapped gas line- approved for cutting and removal. Gas main GPS located and backfilled.

Completed IRM-06 piping removal (approx. 206 LF + 2 cleanouts @ 1.5-2 LF ea. = 210 LF). Pipe trench lined with filter fabric and backfilled with approved #2 crusher run. 6 loads of backfill delivered (est. 20 tons/load).

Charlotte Theobald on-site 12:45 - 1:30 pm.

Collected 4 bottom samples: 209-IRM06_bottom(03), 210-IRM06_bottom(03), 211-IRM06_bottom(03), and 212-IRM06_bottom(03). Samples packed on ice and shipped to ChemTech for Saturday delivery. Locations logged in GPS.

Site prepped for weekend rain forecast: Type A Soil Pile covered with poly and sandbags. Pipe (type B pile) covered and sandbagged. Excavator parked over pipe for weekend. Clean sand pile covered, as requested by Charlotte. Gates secured.

Plan for Monday: Work on IRM-05 Trench Drain area (weather permitting). If Trec's work is cancelled due to weather, I will send out an email Monday morning.

Laura M. Neubauer, CHMM
Environmental Project Manager

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Pittsford, NY 14534
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To: "biondj@cityofrochester.gov" <biondj@cityofrochester.gov>, "JeffDanzinge...
CC: "NSimon@daymail.net" <NSimon@daymail.net>, "Peck, Dennis M.(peckd@Cityof...
Date: 10/29/2012 4:32 PM
Subject: Andrews St. IRM Daily Update

Andrews St. IRM - Monday 10/29/12

Trec completed IRM-05 Trench Drain excavation west of the concrete pad. Approximately 126 LF x 4' wide x 3.5-5.5' deep. West end of the trench was excavated to approx.. 3.5' bgs, east end was deeper (approx. 5.5' bgs). PID readings up to 130 ppm at east end near remaining slab. Grey-black staining and odor observed to 5.5' bgs. Soils staged on double layer poly south of IRM-05 area.

Five (5) samples collected + duplicate + MS/MSD: 213-IRM05_bottom(5.5), 213-IRM05_bottom(5.5)D, 214-IRM05_bottom(04), 215-IRM05_bottom(04), 216-IRM05_bottom(04), 217-IRM05_bottom(04), 217-IRM05_bottom(04)MS, and 217-IRM05_bottom(04)MSD. Unable to contact ChemTech (Mountainside, NJ) due to hurricane evacuation. Will hold samples until we can confirm ChemTech is able to accept deliveries. If no response by Wed. am, we will discuss sending the samples to another lab for analysis within the sample holding time.

IRM-05 trench lined with filter fabric demarcation layer and backfilled with approved #2 crusher run. All stockpiled soil is covered and sandbagged. 7 loads backfill delivered (~20 tons/load); one 55-gallon drum Bio-Solve delivered.

Placed "Danger Construction Area - Keep Out" signs on Site fence, as requested by City.

Trec cancelled work for tomorrow. Tentative plan is to resume work on Wednesday, finishing the IRM-05 removal beneath the concrete slab and then uncovering the IRM-03 tanks for removal.

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CC: "NSimon@daymail.net" <NSimon@daymail.net>, "Peck, Dennis M.(peckd@Cityof...
Date: 10/31/2012 9:09 AM
Subject: FW: Andrews St. tables
Attachments: Andrews St. IRM Work Plan Deviations.xlsx; Andrews St. IRM Waste Stream Summay.xls

To All,

The attached tables provide a summary of work plan deviations, waste streams, and stockpiled soil to date. The IRM Waste Stream Summary table has a second tab with estimated quantities of 'clean' material to be sampled, analyzed, and presumably re-used on-site. I will continue to update these tables as the project progresses and submit an updated draft version on a weekly basis.

Samples from Monday were picked up by Spectrum Lab's courier this morning. We will continue to use Spectrum for the project until further notice.

Laura M. Neubauer, CHMM
Environmental Project Manager

[Lu Engineers Logo Email]
175 Sully's Trail, Suite 202
Pittsford, NY 14534
(585) 385-7417 ext. 219

Table

DRAFT

IRM Construction Completion Report
300, 304-308, 320 Andrews St and 25 Evans St
Rochester, NY

NYSDEC Site #E828144

Waste Disposal Tracking Log

	Waste Stream Description	Waste Quantity (Vol)	Staging Area Location(s)	Date Generated (Removed)	Waste Char. Sample Collection Date	Waste Char. Sample ID	Waste Char. Testing Parameters	Type of Waste (Non-Haz., Characteristic Haz.)	Waste Transporter	Waste Disposal Facility	Date of Waste Disposal
1	Staged Water (well decomissioning)	~2 gals	55-gal drum @ MW-3 (to be transferred to Frac tank)	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
2	Cast Iron Pipe	Approximately 210 LF	South of IRM-06 on double layer poly	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
3	Staged Soil (IRM-05)	~ 75 CY	South of IRM-05 on double layer poly	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
4											

Notes
TBD = To Be Determined
CY = Cubic Yards

Table

DRAFT

IRM Construction Completion Report
300, 304-308, 320 Andrews St and 25 Evans St
Rochester, NY

NYSDEC Site #E828144

Soil Re-Use Log

	Staged Soil Description	Quantity (Vol)	Staging Area Location(s)	Sample Collection Date	Sample IDs	Testing Parameters	Approved for Re-Use (Yes/No)	Where Re-Used	Date Re-Used/Removed
1	Staged Soil (IRM-06)	~ 75 CY	IRM-06 area, on poly	TBD	TBD	TBD	TBD	TBD	TBD
2									
3									
4									
5									

Notes
TBD = To Be Determined
CY = Cubic Yards

Andrews St. IRM
Work Plan Deviations

Work Plan Section	Action in Work Plan	Revised Plan/Action	Justification
General Scope of Work			
4.1 - Site Preparation and Control	Figure 6 identifies the anticipated layout of the Site during IRM activities.	Soil staging areas, support facilities, and parking areas were modified from the proposed locations on Figure 6.	The Site layout was altered to allow trucks to utilize both gates, as recommended by Trec Environmental.
4.1 - Site Preparation and Control, Traffic Control and Trucking Routes	Anticipated on-site truck routes are shown on Figure 6.	The truck route was altered from that shown on Figure 6.	The Site layout was altered to allow trucks to utilize both gates. It was determined that the west gate provides a safer exit for trucks and construction equipment.
IRM-05: Trench Drain Area			
4.2.5 - IRM-05: Trench Drain Area	Soils will be evaluated in the field for indications of contamination and segregated into the IRM-05 staging area as shown on Figure 6.	The IRM-05 staging area was moved to immediately south of IRM 05.	The proposed staging area was moved closer to the IRM-05 work area for convenience and to expedite the removal work.
4.2.5 - IRM-05: Trench Drain Area	Uncontaminated soils will be staged in the uncontaminated staging location indicated on Figure 6.	Uncontaminated soil was not segregated. All material from IRM-05 was staged together.	Clean soil was not segregated due to the shallow occurrence of urban fill material and staining in the trench drain area. This was approved by the City in an effort to expedite removal work in preparation for severe weather.
4.2.5 - IRM-05: Trench Drain Area	The excavation will be backfilled with clean soil and imported crushed stone	No soil was used as backfill; only approved imported crushed stone	No clean soil from IRM-05 was segregated for re-use.
4.2.5 - IRM-05: Trench Drain Area	A demarcation layer of crushed stone will be place at the bottom of the excavation	Filter fabric was used as a demarcation layer.	As discussed during the Site meeting on 10/25/12, Trec will use filter fabric for IRM-06, IRM-05, and IRM-03 to more clearly delineate between existing soil/fill and clean crushed stone backfill. The filter fabric was readily available at the Site and easy to install.
IRM-06: Piping Area			
4.2.6 -IRM-06 Piping Area & 4.1 Site Preparation and Control, Material Staging Areas	Excavated materials will be staged in the IRM-06 staging area located immediately north of IRM-06	Pipe and pipe contents are staged immediately south of IRM-06. Material removed above the piping is stockpiled on poly in the IRM-06 area, awaiting testing and re-use as backfill in the IRM-01 and IRM-02 area.	Based on RI sample results, the pipe contents are expected to be disposed off-site and the soil above the piping is suitable for re-use as backfill in the IRM-01/02 excavation.
4.2.6 -IRM-06 Piping Area	The excavation will be backfilled with clean soil and imported crushed stone	No soil was used as backfill; only approved imported crushed stone	Presumed clean soil from IRM-06 is staged awaiting sampling and testing prior to re-use as backfill in the IRM-01 & IRM-02 area.
4.2.6 -IRM-06 Piping Area	Crushed stone will act as a demarcation layer to identify the extent of removal	Filter fabric was used as a demarcation layer below the crushed stone backfill	As discussed during the Site meeting on 10/25/12, Trec will use filter fabric for IRM-06, IRM-05, and IRM-03 to more clearly delineate between existing soil/fill and clean crushed stone backfill. The filter fabric was readily available at the Site and easy to install.