

**From:** Laura Neubauer <lneubauer@luengineers.com>  
**To:** "biondj@cityofrochester.gov" <biondj@cityofrochester.gov>, "JeffDanzinge...  
**CC:** "NSimon@daymail.net" <NSimon@daymail.net>, "Peck, Dennis M.(peckd@Cityof...  
**Date:** 12/3/2012 2:52 PM  
**Subject:** Andrews St. IRM Daily Update

Andrews St. IRM - Monday 12/3/12

Trec on-site 7:30am - 2:30pm. Completed IRM-02 sewer removal. Total depth of trench was 12.5' bgs. Pipe, concrete, and surrounding soils staged in Type C soil pile.

Collected 3 post-excavation samples: 297-IRM02\_wall(12), 298 IRM02\_wall(12), and 299-IRM02\_bottom(12.5). All post-excavation sampling is complete.

Installed 4th backfill well (BW-4) in south end of IRM-02. Locations logged in GPS. Also logged Type B and C additional staging areas and elevations of soil piles.

Trec backfilled IRM-02 with approved #2 crusher run. Concrete poured around plugged sewer line at north end of IRM-02. 300 CY concrete delivered by Hanson. Concrete is approximately 4' deep x 6' wide x 8.5' in length.

Plan for tomorrow: Trec to break up large concrete pieces, and grade stone to prep IRM-01 for backfilling.

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>, "JeffDanzinge...  
**CC:** "NSimon@daymail.net" <NSimon@daymail.net>, "Peck, Dennis M.(peckd@Cityof...  
**Date:** 12/4/2012 10:33 PM  
**Subject:** Andrews St. IRM Daily Update

Andrews St. IRM - Tuesday 12/4/12

Trec finished backfilling IRM-02 and leveling off the area of 25 Evans St. 6 more loads of #2 crusher run received today. Worked on breaking up large concrete pieces with Bobcat and hoe ram. Leveled out stone in bottom of IRM-01.

Collected a composite water sample from RI decon/purge water drums for sewer use permit: 300-IDW-4(water) for Method 624 Purgeable Organics. 3 ½ drums of water staged by north fence line. Samples submitted UPS for delivery to ChemTech. All QAPP sampling has been completed for the IRM.

Bob Long on-site briefly at 10:15 am.

Plan for tomorrow: Trec to finish breaking concrete. Backfilling of approved Type A soil to begin in the afternoon.

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Environmental Project Manager

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**CC:** "NSimon@daymail.net" <NSimon@daymail.net>, "Peck, Dennis M.(peckd@Cityof...  
**Date:** 12/5/2012 3:37 PM  
**Subject:** Andrews St. IRM Daily Update

Andrews St. IRM - Wednesday 12/5/12

Trec continued breaking up large concrete pieces. Compacted bottom of IRM-01 with vibratory roller. Crusher run backfilled up to top of well screen (~9' bgs). SJB on-site @ 1:00 pm for compaction testing. Approximately 3 feet of crusher run in bottom of excavation originally tested at 90.4% compaction/4.6% moisture (4.8% ideal). Trec re-rolled bottom of excavation. 2nd test= 93%. Re-rolled a 3rd time. 3rd test= 94.7%.

Began backfilling approved Type A soil from quadrants AQ1 and AQ2. Soil backfilled in 1-foot lifts and compacted with roller. SJB tested 1st lift of Type A soil backfill: 93.6% compaction with 10.2% moisture (6.9% ideal).

Quadrants AQ5 and AQ10 labeled as type B soil "No Fill" with spray paint. All Trec personnel informed not to re-use material from these 2 piles.

Plan for tomorrow: continue to backfill IRM-01. SJB to be on-site by 9:00 am for compaction testing. Weekly status meeting @ 1:00 pm.

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**CC:** "NSimon@daymail.net" <NSimon@daymail.net>, "Peck, Dennis M.(peckd@Cityof...  
**Date:** 12/6/2012 3:28 PM  
**Subject:** Andrews St. Daily Update

Andrews St. IRM - Thursday 12/6/12

Trec continued backfilling IRM-01 excavation with Type A soil from AQ1, AQ2, AQ3, AQ4, and AQ6. A total of 5 lifts of fill placed in bottom of IRM-01 and compacted with roller. Trec removing large pieces of concrete, wood, and debris from backfill material prior to compaction.

SJB on-site at 9:40-3:30 to perform compaction testing. 2nd lift = 87% (13% moisture). 3rd lift = 93.2% (11% moisture). 4th lift = 88%. 5th lift = 95.1% (11% moisture)

Weekly status meeting held on-site @ 1:00 pm - meeting minutes to follow in separate e-mail.

Plan for tomorrow: Finish IRM-01 backfill and compaction. More crusher run to be delivered.

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Environmental Project Manager

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**CC:** "NSimon@daymail.net" <NSimon@daymail.net>, "Peck, Dennis M.(peckd@Cityof...  
**Date:** 12/7/2012 3:29 PM  
**Subject:** Andrews St. IRM Daily Update

Andrews St. IRM - Friday 12/7/12

Trec continued backfilling IRM-01. All approved Type A soil re-used in excavation from 5-9' bgs. Top 5 ft. filled with approved #2 crusher run. Backfill placed in approximate one-foot lifts and compacted with roller.

SJB, Doug, on-site for compaction testing. Top lift of soil fill was 90% (15% moisture). Stone backfill above soil ranged from 84-89% with moisture content near ideal. Unable to achieve 95% compaction due to moist soil fill below. IRM-01 excavation backfilled to approx. 1.5' bgs.

Riccelli delivered 29 loads #2 CR backfill (~ 20 tons/load).

Trec secured piles AQ5 and AQ10 with poly and sandbags. All soil piles covered for the weekend.

Plan for Monday: Finish IRM-01 backfilling and prep for soil load out on Tuesday.

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Environmental Project Manager

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**CC:** "NSimon@daymail.net" <NSimon@daymail.net>, "Peck, Dennis M.(peckd@Cityof...  
**Date:** 12/10/2012 3:02 PM  
**Subject:** Andrews St. IRM Daily Update

Andrews St. IRM - Monday 12/10/12

Trec completed backfilling IRM-01. Riccelli delivered 14 loads of #2 crusher run backfill (~20 tons/load). SJB on-site for compaction testing. 90% - 96% (5% moisture)

Trec continued breaking concrete pieces for disposal. Secured poly on soil piles.

Plan for tomorrow: load out IRM-03, IRM-04, and IRM-05 soil piles for disposal at Mill Seat Landfill; continue breaking concrete pieces for disposal; finish backfill/grading.

Laura M. Neubauer, CHMM  
Environmental Project Manager

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**CC:** "NSimon@daymail.net" <NSimon@daymail.net>, "Peck, Dennis M.(peckd@Cityof...  
**Date:** 12/11/2012 2:50 PM  
**Subject:** Andrews St. IRM Daily Update

Andrews St. IRM - Tuesday 12/11/12

Trec loaded out IRM-03, IRM-04, and IRM-05 soil piles for disposal at Mill Seat Landfill. Three trucks from Bill's Topsoil transporting material. Truck/driver info recorded on Daily Truck Logging Sheet.

Total weights as follows:

IRM-04 PCB soil - 15.64 tons  
IRM-03 Petroleum-impacted soil - 48.82 tons  
IRM-05 soil - 223.21 tons

Riccelli delivered 7 loads of backfill (approx. 20 tons/load) for grading IRM-01 and filling low spots.

Staked-out proposed well locations with GPS. Final elevation at IRM-01 measured with GPS = 413 ft. North end of IRM-01 is 412.7 ft. Trec to spread some additional stone in this area tomorrow.

Plan for tomorrow: Load out concrete piles for disposal at Mill Seat Landfill. Weekly status meeting on-site at 1:00 pm.

Laura M. Neubauer, CHMM  
Environmental Project Manager

[Lu Engineers Logo Email]  
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**CC:** "NSimon@daymail.net" <NSimon@daymail.net>, "Peck, Dennis M.(peckd@Cityof...  
**Date:** 12/12/2012 3:34 PM  
**Subject:** Andrews St. IRM Daily Update

Andrews St. IRM - Wednesday 12/12/12

Trec loaded concrete piles and K-Crete for disposal at Mill Seat Landfill. Three trucks from Bill's Topsoil and two trucks from Riccelli transporting material. Truck and driver info recorded on Daily Truck Logging Sheet.

Total weights as follows:

Concrete - 352.31 tons

K-Crete - approximately 108 tons (87.28 tons + 1 load); final load weight to be obtained from Riccelli.

Trec spread additional stone on truck routes and compacted with roller. Street sweeping ordered for end of the day. Small amount of dirt on road at exit gate.

Weekly status meeting held on-site at 1:00 pm.

Plan for Monday: No work Thurs-Fri. Waiting for disposal approval from landfill. Monday- begin loading out Type B soil piles and tree for disposal. Drillers and on-site Monday for additional monitoring well installation. Dennis Peck to provide oversight of well install.

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Environmental Project Manager

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**CC:** "NSimon@daymail.net" <NSimon@daymail.net>, "Peck, Dennis M.(peckd@Cityof...  
**Date:** 12/17/2012 5:56 PM  
**Subject:** Andrews St. IRM Daily Update

Andrews St. IRM - Monday 12/17/12

Trec began loading out non-haz soil from IRM-01/IRM-02 for disposal at Mill Seat Landfill. Five trucks from Bill's Topsoil transporting material. Truck/driver info recorded on Daily Truck Logging Sheet. Piles AQ5, AQ10, BQ5, BQ4, and one load of tree debris sent for disposal.

Total weights as follows:

IRM-01/IRM-02 non-haz soil - 550.83 tons  
Tree debris - 6.85 tons

QISI drillers on-site at 8:00 am. Dennis Peck provided oversight for monitoring well installation. MW-15 installed (not grouted); began drilling at MW-16. Drilling spoils from MW-15 and MW-16 added to Type B soil piles for disposal.

Plan for tomorrow: Continue to load out non-haz Type B and C soil piles and tree debris (weather permitting). QISI to finish MW-16 and begin MW-3A.

Laura M. Neubauer, CHMM  
Environmental Project Manager

[Lu Engineers Logo Email]  
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**CC:** "NSimon@daymail.net" <NSimon@daymail.net>, "Peck, Dennis M.(peckd@Cityof...  
**Date:** 12/18/2012 8:21 PM  
**Subject:** Andrews St. IRM Daily Update

Andrews St. IRM - Tuesday 12/18/12

Continued loading out non-haz soil from IRM-01/IRM-02 for disposal at Mill Seat Landfill. Five trucks from Bill's Topsoil transporting material. Truck/driver info recorded on Daily Truck Logging Sheet. Truck #346 broke a drive shaft on-site. Had to unload soil and re-load on a different truck. Finished the day with 4 trucks.

Piles BQ1, BQ2, BQ3, CQ7, ½ of CQ6, and remaining tree debris sent for disposal. All Type B piles now removed; staging area was graded and covered with crusher run.

Total weight of IRM-01/IRM-02 non-haz soil - approximately 493 tons (473.43 + 1 load- paperwork to be provided tomorrow morning)

Damage to the southeast entrance gate was noted this morning. Cause of the damage is unknown, but suspect that it may have been hit by a truck. Trec bent the gate post back using the skid steer. Gate is usable, but the top rail is slightly out of position and the chain is now barely long enough to lock the gate.

QISI drillers on-site at 7:40 am. Dennis Peck provided oversight for monitoring well installation. MW-16 installed (not grouted); began drilling at MW-3A. Drilling spoils added to Type B and C soil piles for disposal.

Plan for tomorrow: Continue to load out non-haz Type C soil piles. QISI to finish drilling at MW-3A and begin MW-17. Eric Detweiler (Lu Engineers) and Will Batiste (DAY) will be on-site tomorrow for oversight.

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:** Eric Detweiler <edetweiler@luengineers.com>  
**To:** "biondj@cityofrochester.gov" <biondj@cityofrochester.gov>, "JeffDanzinge...  
**CC:** "NSimon@daymail.net" <NSimon@daymail.net>, "Peck, Dennis M.(peckd@Cityof...  
**Date:** 12/19/2012 8:38 PM  
**Subject:** Andrews St. IRM Daily Update

Andrews St. IRM - Wednesday 12/19/12

Continued loading out non-haz soil from IRM-01/IRM-02 for disposal at Mill Seat Landfill. Five trucks from Bill's Topsoil transporting material in the morning and six trucks transporting in the afternoon. Truck/driver info recorded on Daily Truck Logging Sheet.

Remaining ½ of pile CQ6, all of piles CQ1, CQ2, CQ3, and 90% of CQ4 sent for disposal. Staging areas were graded and covered with crusher run (CQ6, CQ1, CQ2, CQ3); both remaining piles secured with poly cover.

No air monitoring action levels were exceeded and the application of Biosolve was not necessary during load out.

Total weight of IRM-01/IRM-02 non-haz soil transported off site today- approximately 706.88 tons (31 loads)

QISI drillers on-site at 8:30 am. Dennis Peck provided oversight for monitoring well installation. MW-3A & MW-17 installed; Drill cuttings from MW-3A added to soil pile CQ2 for disposal; cuttings from MW-17 added to haz. pile CQ5.

Plan for tomorrow: Continue to load out remaining 1-2 truck loads of non-haz Type C soil from pile CQ4. QISI to install concrete pads at MW-3A and MW-17. Eric Detweiler (Lu Engineers) and Will Batiste (DAY) will be on-site tomorrow providing oversight. Weekly site meeting planned for 1 pm.

Eric Detweiler  
Geologist

[Lu Engineers Logo Email]

175 Sully's Trail, Suite 202  
Corporate Crossings Office Park  
Pittsford, NY 14534  
ph(585)385-7417 ext. 227  
Fax(585)385-3741  
edetweiler@luengineers.com

ü Please consider the environment before printing this e-mail

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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:** 12/27/2012 9:54 PM  
**Subject:** Andrews St. IRM Daily Update

Andrews St. IRM - Thursday 12/27/12

TREC mobilized skid steer and cleared snow in areas used for temporary truck staging and loading, as well as around POD and portable toilet. TREC loaded 3 tractor trailers (from Silvarole Trucking Inc.) with IRM-01/IRM-02 hazardous soil (pile CQ5) totaling approximately 105 tons. These 3 loads are to be disposed of at Model City landfill Friday, 12/28/12, at 6:30 am.

Continuous air monitoring conducted today during soil loading; no elevated PID readings or nuisance odors observed downwind during soil loading, therefore no Biosolve was applied.

Will Batiste on site developing newly installed wells prior to soil loading.

Plan for tomorrow:

- \* Load & transport remainder of Haz. soil (1 load plus possible partial second load anticipated) with appropriate air monitoring being conducted per CAMP.

- \* Decontaminate excavator & skid steer

- \* Cover CQ5 area with crusher run, as deemed necessary

- \* Demobilize portable toilet

Plan for next week:

- \* Demobilize POD 1/4/13 (DAY to provide access/oversight)

Eric Detweiler  
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[Lu Engineers Logo Email]

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ph(585)385-7417 ext. 227  
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**CC:** "NSimon@daymail.net" <NSimon@daymail.net>, "Peck, Dennis M.(peckd@Cityof...  
**Date:** 12/28/2012 11:28 PM  
**Subject:** Andrews St. IRM Daily Update

Andrews St. IRM - Friday 12/28/12

TREC loaded 1 tractor trailer (Silvarole Trucking Inc.) with remaining IRM-01/IRM-02 hazardous soil (pile CQ5) totaling approximately 30 tons. This load is to be disposed of at Model City landfill Monday, 12/31/12, at 6:30 am. Approximate total volume of haz. soil = 135 tons. Continuous air monitoring conducted today during soil loading; no elevated PID readings or nuisance odors observed downwind during soil loading, therefore no Biosolve was applied. Following load out, TREC decontaminated skid steer and excavator bucket and added loose soil to truck for disposal. CQ5 area did not require crusher run cover.

Portable toilet was demobilized from site. TREC removed orange cones from around site wells, and removed snow from around backfilled well cluster. Skid steer was demobilized from site, excavator remains on site awaiting demob.

Plan for next week:

\* Demobilize POD 1/4/13 (DAY to provide access/oversight)

Eric Detweiler  
Geologist

[Lu Engineers Logo Email]

175 Sully's Trail, Suite 202  
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Pittsford, NY 14534  
ph(585)385-7417 ext. 227  
Fax(585)385-3741  
edetweiler@luengineers.com<mailto:edetweiler@luengineers.com>

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**CC:** "NSimon@daymail.net" <NSimon@daymail.net>, "Peck, Dennis M.(peckd@Cityof...  
**Date:** 12/21/2012 10:11 PM  
**Subject:** Andrews St IRM Daily Update

Andrews St. IRM - Friday 12/21/12

One load of #2 crusher run delivered to Site by RiCelli; TREC filled low spots/standing water in areas surrounding IRM-01/IRM-02. TREC demobilized skid steer and Biosolve drum; TREC left 55-gal drum of pre-mixed Biosolve on Site in the event it is needed during next week's loading of Haz. soil pile.

No air monitoring conducted today since no intrusive work and no contaminated soil moving was performed.

NYS Fence on site at 9:00 (copy of OSHA 10-hr safety course cards for the 2 workers provided); repaired fence primarily on west side of Site; completed repairs at 11:20 & left Site.

Lu Engineers picked up trash spread throughout Site.

Punch List Items:

1. Complete Non-Haz. Soil, Haz. Soil and staging area material loading and off-site transport/disposal (Type B and C)  
Non-Haz. soil T&D complete; Haz. soil T&D to be completed 12/27/12 & 12/28/12.
2. Move and stage concrete bollards back to Franklin Square  
Complete
3. Decontaminate all equipment before leaving Site.  
Complete EXCEPT FOR EXCAVATOR (to be completed following haz. soil loading)
4. Remove solid waste roll-off  
Complete
5. Get NYS Fence to repair the fence on west side of Site, possibly also repair damage to SE entrance gate that appears attributable to TREC's truck sub (Bill's topsoil).  
Complete
6. Provide legible copies of all manifests and landfill tickets  
Not complete (in progress)
7. Provide legible copies of additional imported Crusher Run #2 tickets (i.e., tickets received subsequent to those already provided to DAY with TREC's second invoice)  
Not complete
8. Provide copy of tank closure permit and tank disposal/recycling receipt  
?
9. Remove and dispose of temporary sedimentation control materials (straw bales)  
  
Complete
10. Install lockable covers on the 4 Backfill wells

Not complete (currently being fabricated)

11. Complete final site grading to fill in any potholes, etc. to satisfaction of City

Complete

12. Return Key to City padlocks, if provided with one as part of this project

Not complete

13. Figure out if TREC is going to assist in moving or loading the drum of Biosolve for the City  
Complete (demobed from Site)

Plan for next week:

\* No work Monday-Wednesday

\* Load & transport Haz. soil (pile CQ5) on Thursday 12/27/12 (3 loads anticipated) with appropriate air monitoring being conducted per CAMP. These 3 loads are to be disposed of at Model City landfill Friday 12/28/12 at 6:30 am. Load remainder of Haz soil mid to late Friday morning when trucks return to Site.

\* Decontaminate excavator

\* Cover CQ5 area with crusher run, as deemed necessary

\* Demobilize portable toilet Friday 12/28/12

\* Demobilize POD 1/4/13

Eric Detweiler  
Geologist

[Lu Engineers Logo Email]

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Fax(585)385-3741  
edetweiler@luengineers.com<mailto:edetweiler@luengineers.com>

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**Date:** 12/21/2012 9:22 PM  
**Subject:** Andrews St. IRM Daily Update

Andrews St. IRM - Thursday 12/20/12

TREC loaded out remaining non-haz soil from IRM-01/IRM-02 for disposal at Mill Seat Landfill. One truck from Bill's Topsoil transported final load of material. Truck/driver info recorded on Daily Truck Logging Sheet.

Remaining 1 load of CQ4 soil pile sent for disposal. CQ4 staging areas was graded and covered with crusher run. Remaining Type C hazardous pile (CQ5) secured with poly cover.

No air monitoring action levels were exceeded and the application of Biosolve was not necessary during load out.

Total weight of IRM-01/IRM-02 non-haz soil transported off site today- 27.05 tons (1 load)

QISI drillers on-site at 8:00 am. Dennis Peck provided oversight for monitoring well completion. Concrete pads installed around pro-casings at MW-15, MW-16, MW-17 and MW-3A; Drilling equipment decontaminated by steam cleaning, decon water containerized in 55-gal drum.

Conducted weekly site meeting at 1:00 pm & final site walkover

TREC completed staging of bollards at NE corner of Site by Franklin Square, loaded remaining straw bales into solid waste roll-off bin, filled some of low spots/standing water in IRM-01/IRM-02 area, completed gate repair at SE Site entrance, demobilized hoe ram & trailer

Solid waste roll-off bin removed from Site

Plan for tomorrow: NYS Fence to conduct fence repairs on west side of Site and elsewhere, as necessary. TREC to finish filling low spots/standing water in IRM-01/IRM-02 area & surrounding areas with a final load of #2 crusher run (to be delivered tomorrow), demobilize drum of Biosolve. Lu Engineers to pick up signed hazardous waste manifests from COR office.

Eric Detweiler  
Geologist

[Lu Engineers Logo Email]

175 Sully's Trail, Suite 202  
Corporate Crossings Office Park  
Pittsford, NY 14534  
ph(585)385-7417 ext. 227  
Fax(585)385-3741  
edetweiler@luengineers.com<mailto:edetweiler@luengineers.com>  
ü Please consider the environment before printing this e-mail



**From:** "Biondolillo, Joseph J." <Biondj@CityofRochester.gov>  
**To:** Laura Neubauer <lneubauer@luengineers.com>  
**CC:** Jeff Danzinger <jdanzinger@daymail.net>, Greg Andrus <gregandrus@luengin...>  
**Date:** 12/17/2012 6:18 PM  
**Subject:** Re: Andrews St. IRM Daily Update

Thanks Laura. As we talked about today I would like to have Day and Lu coordinate with Trek on punch list items that need to be completed before the IRM project is deemed complete.

Thanks.

Sent from my Verizon Wireless 4G LTE DROID

Laura Neubauer <lneubauer@luengineers.com> wrote:

Andrews St. IRM – Monday 12/17/12

Trec began loading out non-haz soil from IRM-01/IRM-02 for disposal at Mill Seat Landfill. Five trucks from Bill's Topsoil transporting material. Truck/driver info recorded on Daily Truck Logging Sheet. Piles AQ5, AQ10, BQ5, BQ4, and one load of tree debris sent for disposal.

Total weights as follows:

IRM-01/IRM-02 non-haz soil – 550.83 tons

Tree debris – 6.85 tons

QISI drillers on-site at 8:00 am. Dennis Peck provided oversight for monitoring well installation. MW-15 installed (not grouted); began drilling at MW-16. Drilling spoils from MW-15 and MW-16 added to Type B soil piles for disposal.

Plan for tomorrow: Continue to load out non-haz Type B and C soil piles and tree debris (weather permitting). QISI to finish MW-16 and begin MW-3A.

Laura M. Neubauer, CHMM  
Environmental Project Manager

[cid:image003.jpg@01CDDC7F.B9E19B20]  
175 Sully's Trail, Suite 202  
Pittsford, NY 14534  
(585) 385-7417 ext. 219

**From:** "Biondolillo, Joseph J." <Biondj@CityofRochester.gov>  
**To:** Eric Detweiler <edetweiler@luengineers.com>  
**CC:** Jeff Danzinger <jdanzinger@daymail.net>, Greg Andrus <gregandrus@luengin...>  
**Date:** 12/29/2012 7:40 AM  
**Subject:** Re: Andrews St. IRM Daily Update

Thanks to everyone for a successful implantation of the Andrews Street IRM project.

Joe

Sent from my Verizon Wireless 4G LTE DROID

Eric Detweiler <edetweiler@luengineers.com> wrote:

Andrews St. IRM – Friday 12/28/12

TREC loaded 1 tractor trailer (Silvarole Trucking Inc.) with remaining IRM-01/IRM-02 hazardous soil (pile CQ5) totaling approximately 30 tons. This load is to be disposed of at Model City landfill Monday, 12/31/12, at 6:30 am. Approximate total volume of haz. soil = 135 tons. Continuous air monitoring conducted today during soil loading; no elevated PID readings or nuisance odors observed downwind during soil loading, therefore no Biosolve was applied. Following load out, TREC decontaminated skid steer and excavator bucket and added loose soil to truck for disposal. CQ5 area did not require crusher run cover.

Portable toilet was demobilized from site. TREC removed orange cones from around site wells, and removed snow from around backfilled well cluster. Skid steer was demobilized from site, excavator remains on site awaiting demob.

Plan for next week:

- Demobilize POD 1/4/13 (DAY to provide access/oversight)

Eric Detweiler  
Geologist

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175 Sully's Trail, Suite 202  
Corporate Crossings Office Park  
Pittsford, NY 14534  
ph(585)385-7417 ext. 227  
Fax(585)385-3741  
edetweiler@luengineers.com<mailto:edetweiler@luengineers.com>