Daily Field Report

New York State Department of Transportation **7578 State Route 21; Fremont, NY**
Miller Hill Yard - IRM No. 3 **NYSDEC Site # C851045**

Date:	2/1/19 – Friday	**Time on Site**:	0700-0900
Scope:	3-01 Waste Disposal		
Personnel:	**Stantec:** Kyle Stone **NRC:** Three drivers **NYSDOT:** Bob Bidlack (partial day)		
Equipment:	John Deere 210G LC Excavator, Pickup (1), Explorer SUV, Kubota SVL 95 Skid Steer (with fork, sweeper, and bucket attachments), 22' Equipment Trailer, Terex TA 300 Articulated Haul Truck, Volvo L-60E Front End Loader, HSUN 400 UTV, HAMM AG Smooth Drum Roller.		
Deliveries:	None.		
Pick-Ups:	None.		
Weather:	10s°F, mostly cloudy, strong winds with cold wind chills.		

Activities Completed Today:

- Today, NRC continued off-site disposal of waste soil from excavation 3-01. Hazardous yellow paint-impacted soil was loaded from the stockpile into dump trucks for off-site treatment at Stericycle's treatment facility in Hatfield, PA. Due to an impending winter storm, the three trucks returned to their shop in Albany, NY with the loads and plan to deliver the material to the disposal facility Monday, 2/4/19.

Other Remarks:

CAMP air monitoring was conducted today, and no exceedances were noted.

Daily Field Report

New York State Department of Transportation **7578 State Route 21; Fremont, NY**
Miller Hill Yard - IRM No. 3 **NYSDEC Site # C851045**

Date:	2/4/19 – Monday **Time on Site**: 0900-1600
Scope:	3-01 Waste Disposal, 3-02 Excavation
Personnel:	**Stantec:** Kyle Stone **NRC:** Ron Cook, Mike Vandenburg **NYSDOT:** Bob Bidlack (partial day)
Equipment:	John Deere 210G LC Excavator, Pickup (1), Explorer SUV, Kubota SVL 95 Skid Steer (with fork, sweeper, and bucket attachments), 22' Equipment Trailer, Terex TA 300 Articulated Haul Truck, Volvo L-60E Front End Loader, HSUN 400 UTV, HAMM AG Smooth Drum Roller.
Deliveries:	None.
Pick-Ups:	None.
Weather:	50s°F, mostly clear.

Activities Completed Today:

- Today, NRC was on-site to begin excavation 3-02. Prior to beginning excavation, the <50 ppm and >50 ppm stockpiles were re-lined with poly sheeting. Poly sheeting was held in place around the perimeter with surrounding asphalt millings until material was placed in the stockpile.
- Yellow paint-impacted soils shipped off-site Friday (2/1/19) were delivered to Stericycle's treatment facility in Hatfield, PA. Approximately 50 tons of soil was delivered to the treatment facility today.
- Stormwater management Best Management Practices (BMPs) were constructed around excavation 3-02. A small east-west oriented swale was dug to the north of excavation 3-02 to divert surface water around the excavation area. A similar swale was also excavated oriented north-south along the eastern perimeter of the excavation to divert surface water. Each swale was approximately 8 in. deep and 3 ft. wide
- Excavation of 3-02 began today. Excavation began along the northern side of the excavation and progressed to the south. Soils were field screened with a photoionization detector (PID), segregated, and stockpiled per the Work Plan. Soils today did not exhibit elevated PID readings.
- Material stockpiles were covered with poly sheeting at the end of the day.

Other Remarks:

CAMP air monitoring was conducted today, and no exceedances were noted.

Daily Field Report

New York State Department of Transportation **7578 State Route 21; Fremont, NY**
Miller Hill Yard - IRM No. 3 **NYSDEC Site # C851045**

Date: 2/5/19 – Tuesday **Time on Site**: 0700-1530

Scope: 3-01 Waste Disposal, 3-02 Excavation

Personnel: **Stantec:** Kyle Stone
NRC: Ron Cook, Mike Vandenburg, James Beavis (partial day), one laborer, two drivers.
NYSDOT: - -

Equipment: John Deere 210G LC Excavator, Pickup (2), Explorer SUV, Kubota SVL 95 Skid Steer (with fork, sweeper, and bucket attachments), 22' Equipment Trailer, Terex TA 300 Articulated Haul Truck, Volvo L-60E Front End Loader, HSUN 400 UTV, HAMM AG Smooth Drum Roller.

Deliveries: None.

Pick-Ups: None.

Weather: 40s°F, mostly cloudy.

Activities Completed Today:

- Today, NRC continued off-site disposal of waste soil from excavation 3-01. Hazardous yellow paint-impacted soil was loaded from the stockpile into dump trucks for off-site treatment at Stericycle's treatment facility in Hatfield, PA. Approximately 35 tons of soil was disposed of off-site today.
- Excavation of 3-02 also continued today. Excavation progressed along the northern side of the excavation and moved to the south. Soils were field screened with a photoionization detector (PID), segregated, and stockpiled per the Work Plan. Some soils at a depth of approximately 4-5 ft. below ground surface exhibited gray color and some evidence of a weather petroleum odor. Headspace readings from these soils reached a maximum of ~8 ppm. As excavation progressed deeper (~10 ft. below ground surface), soils continued to exhibit this gray color, but the odor became more solvent-like and PID readings became elevated to ~30 ppm. Due to the gray color and nuisance characteristics, these soils were stockpiled within the > 50 ppm stockpile destine for off-site disposal.
- Municipal solid waste, dried paint chips (both white and yellow), drum remnants including drum rings and lids, and other debris was encountered at varying concentrations throughout the excavation today. This material was segregated and stockpiled accordingly.
- Material stockpiles were covered with poly sheeting at the end of the day.

Other Remarks:

CAMP air monitoring was conducted today, and no exceedances were noted.

Daily Field Report

New York State Department of Transportation **7578 State Route 21; Fremont, NY**
Miller Hill Yard - IRM No. 3 **NYSDEC Site # C851045**

Date:	2/6/19 – Wednesday **Time on Site**: 0700-1530
Scope:	3-01 Waste Disposal, 3-02 Excavation
Personnel:	**Stantec:** Kyle Stone **NRC:** Ron Cook, Mike Vandenburg, James Beavis, one laborer, three drivers. **NYSDOT:** Bob Bidlack (partial day) **NYSDEC:** Scott Williams (partial day)
Equipment:	John Deere 210G LC Excavator, Pickup (2), Explorer SUV, Kubota SVL 95 Skid Steer (with fork, sweeper, and bucket attachments), 22' Equipment Trailer, Terex TA 300 Articulated Haul Truck, Volvo L-60E Front End Loader, HSUN 400 UTV, HAMM AG Smooth Drum Roller.
Deliveries:	None.
Pick-Ups:	None.
Weather:	30s°F, mostly cloudy with rain showers.

Activities Completed Today:

- Today, NRC continued off-site disposal of waste soil from excavation 3-01. Hazardous yellow paint-impacted soil was loaded from the stockpile into dump trucks for off-site treatment at Stericycle's treatment facility in Hatfield, PA. Approximately 50 tons of soil was disposed of off-site today.
- NYSDEC was on-site in the late morning to inspect the excavation work. NYSDEC did not make site personnel aware of any concerns during the visit.
- Excavation of 3-02 also continued today. Excavation continued to progress along the northern side of the excavation and moved to the south. Soils were field screened with a photoionization detector (PID), segregated, and stockpiled per the Work Plan. Some soils at a depth of approximately 4-5 ft. below ground surface exhibited gray color and some evidence of a weather petroleum odor. As excavation progressed deeper (~10 ft. below ground surface), soils continued to exhibit this gray color, but the odor became more solvent-like and PID readings became elevated to ~30 ppm. Due to the gray color and nuisance characteristics, these soils were stockpiled within the > 50 ppm stockpile destine for off-site disposal.
- Other soils encountered today were impacted with dried white and yellow paint and exhibited a strong paint-like odor. These soils were stockpiled in the white and yellow paint-impacted stockpiles, respectively.
- Municipal solid waste, dried paint chips (both white and yellow), drum remnants including drum rings and lids, tires, and other debris was encountered at varying concentrations throughout the excavation today. This material was segregated and stockpiled accordingly.
- Groundwater was encountered at the northwestern extent of the excavation at a depth of approximately 15 ft. below ground surface.
- Material stockpiles were covered with poly sheeting at the end of the day.

Other Remarks:

CAMP air monitoring was conducted today, and no exceedances were noted.

Daily Field Report

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Miller Hill Yard - IRM No. 3 **NYSDEC Site # C851045**

Date: 2/7/19 – Thursday **Time on Site**: 0700-1530

Scope: 3-01 Waste Disposal, 3-02 Excavation

Personnel: **Stantec:** Kyle Stone
NRC: Ron Cook, Mike Vandenburg, James Beavis, one laborer, one driver.
NYSDOT: Bob Bidlack (partial day)
NYSDEC: Scott Williams (partial day)

Equipment: John Deere 210G LC Excavator, Pickup (2), Explorer SUV, Kubota SVL 95 Skid Steer (with fork, sweeper, and bucket attachments), 22' Equipment Trailer, Terex TA 300 Articulated Haul Truck, Volvo L-60E Front End Loader, HSUN 400 UTV, HAMM AG Smooth Drum Roller.

Deliveries: None.

Pick-Ups: None.

Weather: 30s°F, mostly cloudy with fog in morning.

Activities Completed Today:

- Following yesterdays NYSDEC site visit, NYSDEC directed NYSDOT to report a spill for a "waste oil" like substance encountered within Excavation 3-02. NYSDOT contacted both Stantec and NRC to assess the situation and Spill File No. 1811204 was opened.
- Upon further inspection of the black "waste oil" material this morning, it appeared to be oily in nature and to be located surrounding decaying organic debris, presumably mulch or wood chips, that had been buried at varying depths throughout the excavation. The material was added to water and no sheen was generated on the water as a result of its immersion. PID readings from the material varied depending on where in the excavation the material was located (~1ppm - ~30 ppm). The material exhibited a weathered petroleum odor, similar to that of soils encountered at 3-15 ft. below ground surface within other areas of the excavation.
- Soil containing this material from excavation activities occurring yesterday were staged and stockpiled within the ">50 ppm" stockpile awaiting waste characterization and off-site disposal.
- NYSDEC personnel were on-site again today to collect a sample of the material and return to the NYSDEC Region 8 offices to allow for further investigation and identification.
- Stantec collected a volume of the material and is holding pending analysis by a NYSDOH ELAP accredited laboratory. A list of analytes is also pending.
- Today, NRC continued off-site disposal of waste soil from excavation 3-01. The final load of hazardous yellow paint-impacted soil from 3-01 was loaded from the stockpile into dump trucks for off-site treatment at Stericycle's treatment facility in Hatfield, PA. Approximately 20 tons of soil was disposed of off-site today.
- Excavation of 3-02 also continued today. Excavation continued to progress along the northern side of the excavation and moved to the south and east. Soils were field screened with a PID, segregated, and stockpiled per the Work Plan. A majority of soils at a depth of approximately 3-15 ft. below ground surface exhibited gray color and some evidence of a weather petroleum odor. Due to the gray color and nuisance characteristics, these soils were stockpiled within the ">50 ppm" stockpile destine for off-site disposal.
- Other soils encountered today were impacted with dried white and yellow paint and exhibited a strong paint-like odor. These soils were stockpiled in the white and yellow paint-impacted stockpiles, respectively.

- Municipal solid waste, dried paint chips (both white and yellow), drum remnants including drum rings and lids, tires, and other debris was encountered at varying concentrations throughout the excavation today. This material was segregated and stockpiled accordingly. One drum carcass with no apparent contents was also encountered in the excavation.
- Material stockpiles were covered with poly sheeting at the end of the day.

Other Remarks:

CAMP air monitoring was conducted today, and no exceedances were noted.