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: 2/8/19 – Friday **Time on Site**: 0700-1430

Scope: 3-02 Excavation

Personnel: **Stantec:** Kyle Stone
NRC: Ron Cook, Mike Vandenburg, James Beavis, one laborer.
NYSDOT: Bob Bidlack (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, partly cloudy with periodic snow flurries and high winds.

Activities Completed Today:

- Excavation of 3-02 continued today. Excavation moved to the eastern half of the area to a depth of approximately 4 ft. below ground surface. Soils were field screened with a PID, segregated, and stockpiled per the Work Plan. Soils encountered today were generally free of debris and other evidence of impacts. Most soils excavated were staged and stockpiled in the "<50 ppm" stockpile.
- 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: 2/11/19 – Monday **Time on Site**: 0815-1630

Scope: 3-02 Excavation

Personnel: **Stantec:** Bob Mahoney
NRC: Ron Cook, Mike Vandenburg (partial day), James Beavis (partial day).
NYSDOT: Bob Bidlack (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, overcast with periodic snow flurries, light breeze.

Activities Completed Today:

- Excavation of 3-02 continued today. Excavation progressed in the eastern half of the area to a depth of approximately 10 ft. below ground surface. Soils were field screened with a PID, segregated, and stockpiled per the Work Plan. The majority of soils today were gray in color and exhibited a slight to strong weathered petroleum odor. Total volatile organic compound readings from a PID reached a maximum of 6 ppm. Varying amounts of debris (primarily wood with occasional metal and tires) and minor amounts of apparent crack sealer were observed. Due to the nuisance characteristics exhibited, these soils were stockpiled in the > 50 ppm stockpile destine for off-site disposal.
- A small area of shallow gravelly soil (approx. 0-3 ft) was also excavated on the south side of the excavation area in preparation for deeper excavation. These soils were not stained and did not exhibit odors or positive PID readings and were temporarily stockpiled adjacent to the excavation, and eventually moved to the <50 ppm stockpile. Two haul truckloads of soil were placed in the < 50 ppm stockpile.
- Waste characterization samples were collected from the first half of the impacted (> 50 ppm) soil stockpile. Samples were collected prior to the completion of the pile to aid in project scheduling and off-site disposal of waste. The representative volume of soil characterized by these samples was demarcated and no additional soil will be added to this area of the stockpile. Further >50 ppm soils will be stockpiled separately from the characterized soils and sampled and characterized separately from the already sampled material.
- Waste stockpiles were covered with poly sheeting at the end of the day.

Samples Collected Today:

- **302Waste-Over50-201119-(COMP/GRAB)1**: Composite/grab waste characterization sample pair collected from the first half of the impacted (>50 ppm) soil stockpile.
- **302Waste-Over50-201119-(COMP/GRAB)2**: Composite/grab waste characterization sample pair collected from the first half of the impacted (>50 ppm) soil stockpile.

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: 2/12/19 – Tuesday **Time on Site**: 0700-1615

Scope: 3-02 Excavation

Personnel: **Stantec:** Kyle Stone
NRC: Ron Cook, Mike Vandenburg, James Beavis, one laborer.
NYSDOT: Bob Bidlack (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: 20s°F, overcast with snow in the morning changing to sleet in the afternoon, strong gusty winds.

Activities Completed Today:

- Excavation of 3-02 continued today. Excavation initially progressed in the eastern half of the area to a depth of approximately 10 ft. below ground surface. Soils were field screened with a PID, segregated, and stockpiled per the Work Plan. The majority of soils in this region were impacted with dried white paint at varying concentrations. Eight partially filled dried white paint drums were excavated from the northeastern corner of the excavation. Dried white paint from these drums was emptied using the excavator into the previously excavated white paint-impacted soils which was then stockpiled within the white paint-impacted stockpile. Groundwater within this region was encountered at approximately 10 ft. below ground surface. It is assumed that this is a perched pocket of subsurface water since groundwater in other areas of the excavation were encountered at deeper depths.
- Prior to placing additional soils in the > 50 ppm stockpile that was sampled yesterday, a demarcation layer was placed between the piles to separate sampled material from unsampled material. Waste profiles for each of these materials will be provided to the disposal facility for acceptance and future off-site disposal.
- NRC moved excavation activities to the western portion of the northern sidewall of excavation 3-02 in the late morning. This sidewall was visually impacted with debris (MSW and logs) and other material deemed not suitable to remain within the excavation. NRC expanded the excavation approximately 5-10 ft. to the north within this region to reach the orange demarcation fabric placed during previous excavations at the site (IRM 2). Soils in the sidewall from the ground surface to a depth of approximately 3 ft. were stockpiled in the < 50 ppm stockpile. Soils from approximately 3-15 ft. below ground surface were gray in color and exhibited a weathered petroleum odor. These soils were stockpiled in the > 50 ppm stockpile destine for off-site disposal due to their nuisance characteristics. Excavation in this region ceased when the previously installed demarcation layer was substantially reached.
- Confirmatory samples were collected from the western half of excavation 3-02. Five floor samples (including one duplicate) and four sidewall samples were collected in accordance with the IRM 3 Work Plan QAPP and NYSDEC DER-10 Guidance Document.
- Waste stockpiles were covered with poly sheeting at the end of the day.

Samples Collected Today:

- **302B3-51-7-021219-EW:** Composite/grab confirmatory sidewall sample collected from the east wall of Excavation 3-02.
- **302B4-51-6-021219-SW**: Composite/grab confirmatory sidewall sample collected from the south wall of Excavation 3-02.
- **302B4-51-7-021219-EW:** Composite/grab confirmatory sidewall sample collected from the east wall of Excavation 3-02.
- **302A4-51-8-021219-SW:** Composite/grab confirmatory sidewall sample collected from the south wall of Excavation 3-02.
- **302B3-51-15-021219-FLOOR**: Composite/grab confirmatory sidewall sample collected from the floor of Excavation 3-02.
- **302A3-51-8-021219-FLOOR:** Composite/grab confirmatory sidewall sample collected from the floor of Excavation 3-02.
- **302B4-51-15-021219-FLOOR:** Composite/grab confirmatory sidewall sample collected from the floor of Excavation 3-02.
- **302A4-51-15-021219-FLOOR:** Composite/grab confirmatory sidewall sample collected from the floor of Excavation 3-02. Sample duplicate was also collected from this location.

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: 2/13/19 – Wednesday **Time on Site**: 0700-1610

Scope: Area 3-02 Excavation

Personnel: **Stantec:** Bob Mahoney
NRC: Ron Cook, Mike Vandenburg, James Beavis (partial day), one laborer.
Clear Creek: Will Tucker (partial day).
NYSDOT: Bob Bidlack (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: Temperature: 31°F, drop to 28°F, overcast with occasional snow squalls and moderate breeze (strong gusts during squalls).

Activities Completed Today:

- NRC excavated and stockpiled impacted soils from the base of the northwestern corner of Area 3-02, to approximately 10 ft. depth. Material was gray-stained with odors, and significant amounts of wood intermixed. PID readings ranged up to 2 ppm. Removed and segregated two crushed and rusted drum carcasses with no apparent contents.
- Continued excavation of impacted soil from eastern side of Area 3-02. Material was gray-stained with odors, and significant amounts of wood intermixed. PID readings ranged up to 8 ppm. Removed and segregated six crushed & rusted drum carcasses with no apparent contents.
- 13 haul truckloads of soil were placed in the >50 ppm stockpile.
- Clear Creek Land Surveying was on site to survey the current limits of the excavation.
- NRC collected and submitted to the lab an additional waste characterization sample from the second portion of the >50 ppm stockpile not previously sampled. Two composite and four grab samples from the <50 ppm stockpile were also collected in accordance with the project QAPP and DER-10 Guidance.

Samples Collected Today:

- **302Waste-Over50-021319-(COMP/GRAB)1**: Composite/grab waste characterization sample pair collected from the second half of the impacted (>50 ppm) soil stockpile.
- **302CLEAN-021319-DISC1**: Discrete soil sample collected from the northeast portion of the < 50 ppm soil stockpile.
- **302CLEAN-021319-DISC2**: Discrete soil sample collected from the northwest portion of the < 50 ppm soil stockpile.
- **302CLEAN-021319-DISC3**: Discrete soil sample collected from the southeast portion of the < 50 ppm soil stockpile.
- **302CLEAN-021319-DISC4**: Discrete soil sample collected from the southwest portion of the < 50 ppm soil stockpile.

- **302CLEAN-021319-SCOMP**: Composite soil sample collected from the south portion of the < 50 ppm soil stockpile.
- **302CLEAN-021319-NCOMP**: Composite soil sample collected from the north portion of the < 50 ppm soil stockpile.

Other Remarks:

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

*Note: Due to technical issues with the downwind telemetry unit, downwind particulate data was not collected today with the exception of periodic manual readings as shown on the data tables provided under separate cover. During this monitoring period, the ground was coated with a layer of snow and no particulate matter was generated or noted migrating off-site. Soils excavated during this period were also moist in nature.

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: 2/14/19 – Thursday **Time on Site**: 0700-1530

Scope: Area 3-02 Excavation

Personnel: **Stantec:** Kyle Stone
NRC: Ron Cook, Mike Vandenburg, one laborer.
NYSDOT: Bob Bidlack (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: Temperature: 30s°F, sunny morning with cloudy afternoon, calm wind.

Activities Completed Today:

- Excavation of 3-02 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.
- A bench was created on the northern sidewall of the excavation using the excavator following excavation that was performed yesterday.
- Municipal solid waste, dried paint chips (both white and yellow), scrap metal, and other debris was encountered at varying concentrations throughout the excavation today. This material was segregated and stockpiled accordingly.
- NRC expanded the >50 ppm stockpile to accommodate additional soil being generated from the excavation. The expanded stockpile was located to the east of the <50 ppm stockpile and contained within asphalt milling berms.
- Soil material within the stockpiles was managed periodically throughout the day using the excavator.
- The day was cut short due to mechanical issues with the haul truck. The truck remained loaded with >50 ppm soil partially within the >50 ppm stockpile for the night. The issue is anticipated to be addressed tomorrow.
- NRC re-covered multiple soil stockpiles after heavy winds moved and re-located poly sheeting covers.

Other Remarks:

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