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|--|-----------|---|-------------|--|--|---|--|
| NYSDEC Division of Environmental Remediation | |  NEW YORK STATE OF OPPORTUNITY | | Department of Environmental Conservation | | Contract No. DEC Insp. – DEC PM – <u>Payson Long</u> Contractor Supt. – Engineer PM – <u>Andy Vitolins.</u> Engineer Insp. – <u>Edward Brandt</u> | |
| Site Location: 48 Leavy Hollow Lane, Hudson Falls, NY 12839 | | | | | | | |
| Weather Conditions | | | | | | | |
| General Description | P. Cloudy | AM | Overcast | PM | | | |
| Temperature | 35 °F | AM | 45 °F | PM | | | |
| Wind | 0.0mph | AM | 0.0 mph | PM | | | |
| Health & Safety | | | | | | | |
| If any box below is checked “Yes”, provide explanation under “Health & Safety Comments”. | | | | | | | |
| Were there any changes to the Health & Safety Plan? | | | | Yes <input type="checkbox"/> | No <input checked="" type="checkbox"/> | NA <input type="checkbox"/> | |
| Were there any exceedances of the perimeter air monitoring reported on this date? | | | | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> | |
| Were there any nuisance issues reported/observed on this date? | | | | Yes <input type="checkbox"/> | No <input checked="" type="checkbox"/> | NA <input type="checkbox"/> | |
| Health & Safety Comments | | | | | | | |
| Work conducted along grade with potentially unstable material and ice and snow. Tailgate meeting include discussion about Stop-Work-Authority. | | | | | | | |
| Summary of Work Performed | | Arrived at site: | 0730 | Departed Site: | 1645 | | |
| Drainage Swale Erosion Emergency Repairs: Oversight of LaBella | | | | | | | |
| <ul style="list-style-type: none"> • Mobilize to site • Made contact with NYSDEC ECO Ryan Kelley regarding overflight with drone. <ul style="list-style-type: none"> ○ Provided Site location information. ○ ECO Kelley provided an estimated time of arrival. • Meet with LaBella work Crew – conduct Tailgate Safety Meeting. <ul style="list-style-type: none"> ○ Items discussed include Stop-Work-Authority and Slips-Trips-Falls. ○ 1 PM, 1 Supervisor, 2 Laborers, 3 Operators. • Crew began work at damaged drainage swale. <ul style="list-style-type: none"> ○ Removed both 12-inch HDPE culvert pipes (40-feet each in 20-foot sections) installed by solar contractor in drainage down-chute. ○ Removed 2-inch stone placed by solar contractor for leveling pad crossing the down-chute. <ul style="list-style-type: none"> ▪ Stone was found placed directly on top of the geotextile fabric. ▪ Very little to none of the original rip-rap stone that armored the swale was found in the location of the culvert pipes. ○ The laborers carefully used flat shovels to manually remove the 2-inch stone and expose the geotextile fabric. While removing the stone, damage (i.e., tears/punctures) to the HDPE geomembrane liner was observed at five separate locations in the vicinity of where original rip-rap stone was removed from the swale. ○ Repaired the HDPE geomembrane liner at locations where damage/penetrations were noted. <ul style="list-style-type: none"> ▪ Repairs were made with butyl tape, sections of HDPE liner material, heat, and a waterproof sealant. ○ Re-graded western edge of damaged down-chute bank to temporarily restabilize. ○ Placed geotextile fabric along the length of the down-chute, starting above the erosion damage. ○ Began to place rip-rap stone on top of the geotextile fabric along the entire length of the damaged down-chute/slope to stabilize the landfill cap as a temporary fix until complete repair can be made. • NYSDEC ECO Ryan Kelley was onsite to collect drone footage of the drainage swale damage. • Patrick O’Malley with GreenSpark solar was on-site at 1240 and observed damage and site activities. Mr. O’Malley asked about the sorbent pads placed near the Hitachi Excavator parked at the top of the landfill. Arcadis informed him that leaking fuel had been noted during last week’s site walk and sorbent pads were placed. • O’Connor Excavation’s Mechanic, Bob Cutter, stopped by the Site to make repair to Hitachi Excavator that was leaking fuel. <ul style="list-style-type: none"> ○ Mechanic noted that the fuel strainer bowl was loose by 4-turns. ○ Appears to have fixed the leak. ○ Cleaned up the absorbent pads, tested the machine, and rechecked for leaks – none found. • Demobilized from Site. | | | | | | | |

| Equipment/Material Tracking | | | |
|---|--------------------------------|-----------------------------|--|
| If any box below is checked "Yes", provide explanation under "Material Tracking Comments". | | | |
| Were there any vehicles which did not display proper D.O.T numbers and placards? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| Were there any vehicles which were not tarped? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| Were there any vehicles which were not decontaminated prior to exiting the work site? | * Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| Personnel and Equipment | | | |
| Individual | Company | Trade | Total Hours |
| Edward Brandt | Arcadis | TM/Oversight | 9.5 |
| Fil Fina | LaBella | PM | 4 |
| Phil Morrissey | LaBella | Supervisor | 8.5 |
| Lewis Gelinat | LaBella | Laborer | 7.5 |
| Michael Deyette | LaBella | Laborer | 7.5 |
| Rick Williams | LaBella | Operator | 7 |
| Frank Zabel | LaBella | Operator | 7.5 |
| Jeff Morgan | LaBella | Operator | 5.5 |
| | | | |
| | | | |
| | | | |

| Equipment Description | Contractor/Vendor | Quantity | Used |
|--------------------------------|-------------------|----------|------|
| Chevrolet Silverado 2500HD P/U | LaBella | 1 | Y |
| Ford F-250 P/U | LaBella | 2 | Y |
| Dodge Ram 1500 P/U | LaBella | 1 | Y |
| Bobcat T590 Skid-steer | LaBella | 1 | Y |
| Bobcat T595 Skid-steer | LaBella | 1 | Y |
| CAT 306 Excavator | LaBella | 1 | Y |
| 14K-lb Trailer | LaBella | 2 | Y |
| Peterbilt Dump Truck | LaBella | 1 | Y |
| 20K-lb Trailer | LaBella | 1 | Y |

| Material Description | Imported/Delivered to Site | Exported off Site | Waste Profile (If Applicable) | Source or Disposal Facility (If Applicable) | Daily Loads | Daily Weight (tons)* |
|----------------------|----------------------------|-------------------|-------------------------------|---|-------------|----------------------|
| Geotextile Fabric | 1 Roll | | | LaBella | | |
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*On-Site scale for off-site shipment, delivery ticket for material received

Equipment/Material Tracking Comments:

- Dump truck and 20k-lb trailer only used to deliver CAT 306 Excavator.
- 1-roll of Geotextile fabric was delivered to the Site by LaBella; only a portion of the roll was used during the day.
- LaBella used ~10CY of 2-inch stone from the GreenSpark Pile near main Site gate to stabilize slope along swale for equipment traffic.
- LaBella used ~20CY of Rip-Rap stone that was sourced from the stockpile at the top of the cap.

Visitors to Site

| Name | Representing | Entered Exclusion/CRZ Zone | |
|------------------|---------------------|---|--|
| ECO Ryan Kelley | NYSDEC Police | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| Patrick O'Malley | GreenSpark | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| Bob Cutter | O'Connor Excavating | Yes <input type="checkbox"/> | No <input checked="" type="checkbox"/> |

| Site Representatives | |
|---|--------------|
| Name | Representing |
| Edward Brandt | Arcadis |
| | |
| | |
| Project Schedule Comments | |
| Work to resume on Tuesday, January 3, 2023, to complete temporary repairs to swale. | |

Issues Pending

It was noted that more damage to the HDPE geomembrane liner was found once 2-inch leveling stone was removed from the down-chute.

Interaction with Public, Property Owners, Media, etc.

None.

Site Photographs (Descriptions Below)



1. Swale before temporary repair work started.



2. Pipes before removal at top of damaged part of swale.



3. 12-inch drainage pipes removed from swale.



4. Puncture holes in HDPW geomembrane liner at location first found on 12/23.



5. Three more locations identified with HDPE geomembrane liner damage.



6. Temporary repairs made to HDPE geomembrane liner.



7. Temporary repairs made to HDPE geomembrane liner.



8. Unstable edge of down-chute swale grading.



9. Geotextile fabric placed in down-chute swale.



10. Placement of rip-rap stone onto geotextile within temporary swale.



11. Placement of rip-rap stone into temporary swale.



12. Placement of rip-rap stone into temporary swale.

| | |
|---|-------------------------|
| Comments | |
| None | |
| Site Inspector(s): Edward Brandt | Date: 12/30/2022 |

Videos of discreet operations have been provided to the DEC Project Manager to facilitate understanding of the ongoing work? Yes No

On-Site Waste Storage

| | | | |
|---|------------------------------|-----------------------------|---|
| Drums, roll offs and piles are staged in secure areas? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | N/A <input checked="" type="checkbox"/> |
| Liners and berms have been installed if necessary to prevent cross contamination of clean areas? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | N/A <input checked="" type="checkbox"/> |
| Containers are in good condition or properly overpacked? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | N/A <input checked="" type="checkbox"/> |
| Waste materials are scheduled to be properly characterized and disposed of prior to demobilization? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | N/A <input checked="" type="checkbox"/> |
| Complying with RCRA 90 day storage limitation for hazardous waste? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | N/A <input checked="" type="checkbox"/> |
| Piles are securely covered when not in use? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | N/A <input checked="" type="checkbox"/> |
| Containers are closed when not in use? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | N/A <input checked="" type="checkbox"/> |
| Staging areas should be inspected periodically and any issues addressed immediately? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | N/A <input checked="" type="checkbox"/> |
| Signage and labeling comply with RCRA requirements for all staging areas and containers? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | N/A <input checked="" type="checkbox"/> |
| If any issues noted, has Contractor been notified? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | N/A <input checked="" type="checkbox"/> |
| <p>No waste generated during site activities.</p> | | | |

NUISANCE CHECKLIST

| | | | |
|--|------------------------------|--|---|
| Were there any community complaints related to work on this date? | Yes <input type="checkbox"/> | No <input checked="" type="checkbox"/> | N/A <input type="checkbox"/> |
| Were there any odors detected on this date? | Yes <input type="checkbox"/> | No <input checked="" type="checkbox"/> | N/A <input type="checkbox"/> |
| Was noise outside specification and/or above background on this date? | Yes <input type="checkbox"/> | No <input checked="" type="checkbox"/> | N/A <input type="checkbox"/> |
| Were vibration readings outside specification and/or above background on this date? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | N/A <input checked="" type="checkbox"/> |
| Any visible dust observed beyond the work perimeter on this date? | Yes <input type="checkbox"/> | No <input checked="" type="checkbox"/> | N/A <input type="checkbox"/> |
| Any visible contrast (turbidity) beyond engineering controls observed on this date? | Yes <input type="checkbox"/> | No <input checked="" type="checkbox"/> | N/A <input type="checkbox"/> |
| Was turbidity checked at the outfall(s)? | AM <input type="checkbox"/> | PM <input type="checkbox"/> | N/A <input checked="" type="checkbox"/> |
| Were any property owners NOT provided advance notice for work performed on this property on this date? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | N/A <input checked="" type="checkbox"/> |
| Was the temporary fabric structure closed at the end of the day? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | N/A <input checked="" type="checkbox"/> |
| Has Contractor failed to protect all foundations and structures adjacent to and adjoining the site which are affected by the excavations or other operations connected with performance of the Work? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | N/A <input checked="" type="checkbox"/> |
| If yes, has Contractor been notified? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | N/A <input checked="" type="checkbox"/> |
| <p><u>Comments:</u></p> | | | |

RESILIENCE/GREEN REMEDIATION CHECKLIST

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|--|------------------------------|-----------------------------|---|
| Is site power procured from renewable energy sources (e.g., solar, wind, geothermal, biomass and biogas)? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | N/A <input checked="" type="checkbox"/> |
| Is the Contractor employing 2007 or newer or retrofitted (BART*) diesel on-road trucks and non-road equipment? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | N/A <input checked="" type="checkbox"/> |
| Is vehicle idling adequately reduced per 6NYCRR Part 217-3? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | N/A <input checked="" type="checkbox"/> |
| Have equipment operators been trained in the idling requirements of 6NYCRR Part 217-3? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | N/A <input checked="" type="checkbox"/> |
| Is BART-equipped equipment properly maintained and working? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | N/A <input checked="" type="checkbox"/> |
| Is work being sequenced to avoid double handling? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | N/A <input checked="" type="checkbox"/> |
| Is there an onsite recycling program for CONTRACTOR-generated wastes and is it complied with? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | N/A <input checked="" type="checkbox"/> |
| Are office trailer heating and cooling systems maintained at efficient set points, have programmable thermostats been installed? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | N/A <input checked="" type="checkbox"/> |
| Are products and materials used in performance of the work appropriately certified (e.g., LEED, Energy Star, Sustainable Forestry Initiative®, etc.)? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | N/A <input checked="" type="checkbox"/> |
| Are resiliency features included in the design, or completed remedy properly installed and/or maintained (flood control, storm water controls, erosion measures, etc.)? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | N/A <input checked="" type="checkbox"/> |
| Are green remediation elements included in the design, or completed remedy properly installed and/or maintained (e.g., porous pavement, geothermal, variable speed drives, native plantings, natural stream bank restoration, etc.)? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | N/A <input checked="" type="checkbox"/> |
| Has Contractor been notified of any deficiencies? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | N/A <input checked="" type="checkbox"/> |
| <u>Comments:</u> None | | | |

* BART – Best Available Retrofit Technology