

New York State Department of Environmental Conservation

Division of Environmental Remediation, Region 9

270 Michigan Avenue, Buffalo, New York 14203-2915

Phone: (716) 851-7220 • Fax: (716) 851-7226

Website: www.dec.ny.gov



Joe Martens
Commissioner

INSPECTION REPORT

Site Number: 932110

Date: May 6, 2014

Site Name: Vanadium Corporation of America

Location: 4201 Witmer Rd, Town of Niagara, Niagara County

Project Manager: Michael Hinton

Project Engineer: Obrien and Gere – Al Farrell/ Jim Bryck

Contractor: Severson Environmental Services

Job Phone: NA

HEALTH & SAFETY: Level C in work zone

DESCRIPTION OF WORK PERFORMED:

MJH on site at 1015 hrs

Weather – T~51⁰F, partly cloudy, wind ENE @ 6 mph

Job Progress Meeting #31

Refer meeting summary prepared by OB&G for attendees

No concerns regarding Summary Notes from Mtg 30

H&S – reducing TWA to once per month due to historic data

CAMP – Set up and operating during all intrusive activity

SWWP – borrow pit dry, low areas pumped down, silt fence added as needed. Glen Geo Teck back on site performing weekly inspections, started April 30th. SES to add truck tire wash

Work Completed – Refer summary notes

Upcoming Work – Refer summary notes

Unanticipated Conditions – water depth in wetland area is unexpected.

NYPA – NYPA still evaluating additional work outside revised limits. NAPA apparently

concerned about equipment over the buried conduits.

Nat Grid still evaluating work in wetland area south of OU1

Fence Grounding – Nat Grid provided details on grounding, SES needs clarification

GCL submittal - details to be evaluated

West wetland plants have a 3-4 week lead time. Anticipate planting in June 2014.

Next meeting May 13, 2014

Toured site, SES continuing dewatering activities to prepare site for placement of common borrow cover.

MJH left site at 1130 hrs.

Attachments: meeting summary, photo's

Inspector's Name (Print): Michael J Hinton

Inspector's Signature:

Date: May 14, 2014



05062014-01 East Line OU2.jpg



05062014-02 West Area.jpg



05062014-03 OU2 Culvert Pipe.jpg



05062014-04 South Line OU2.jpg



05062014-05 East Line OU2.jpg



05062014-06 NYPA Slag Area.jpg



05062014-07 South Area.jpg



5062014-08 South Central Area.jp



05062014-10 North central Area.jpg



05062014-11 North Area.jpg



05062014-12 Borrow Pit Area.jpg



05062014-13 Borrow Pit Area.jpg



05062014-14 Borrow Pit Area.jpg



05062014-15 Borrow Pit Area.jpg



05062014-16 Borrow Pit Area.jpg



062014-17 Tower 12 Hi Ph Water.j



062014-18 Tower 12 Hi Ph Water.j

Minutes of Construction Progress Meeting 31

Vanadium Site OU-3 Remedial Action Town of Niagara, New York

The thirty-first construction progress meeting was conducted on May 6, 2014 for the Vanadium Site Operable Unit 3 (OU3) Remedial Action (RA) in the Town of Niagara, New York (Site #9-32-001). The meeting was attended by the following representatives:

O'Brien & Gere - Jim Bryk on site and Al Farrell via telephone
Sevenson - Dave Leising and Jack Brueckel on site
NYSDEC - Michael Hinton on-site
CB&I - Michael Donegan on-site
New York Power Authority - Julius Fuks via telephone

A copy of the meeting agenda is attached.

1. MINUTES OF PRIOR PROGRESS MEETING

There were no comments to the minutes of Progress Meeting 30.

2. HEALTH & SAFETY

There have been no reportable health and safety incidents on site. Mr. Brueckel indicated that Sevenson's health and safety manager would be sending a memorandum advising that Sevenson intends to discontinue weekly Time-weighted Average (TWA) personal air monitoring and instead would conduct TWA monitoring on a monthly basis based on the results of monitoring performed to date.

3. COMMUNITY AIR MONITORING

Community air monitoring equipment was set up today with possibility that some work could generate dust (e.g. grading temporary access roads).

4. STORMWATER POLLUTION CONTROLS

Glynn Geotechnical has resumed weekly inspection of the stormwater pollution controls and the controls are in good condition. The borrow pit area is now dry, A new sump area was installed downstream of the 24-inch culvert.

There will be an increase of truck activity from off-site via the main gate near the field office trailers. A wheel washing station will be established and utilized at the Contamination Reduction Zone (CRZ) interface with Area 1 to prevent tracking soil. Sevenson has also placed some stone on the temporary access roads to control erosion and tracking of soil.

5. SITE SECURITY

No issues. Sevenson will be relocating the guard trailer closer to the CRZ interface with Area 1 since equipment is now being located there.

6. COMMUNITY/REGULATORY INTERACTIONS

None since the last progress meeting.

7. WORK COMPLETED DURING PREVIOUS WEEK

Mr. Brueckel presented the attached summary report of the work completed during the week.

8. UNANTICIPATED CONDITIONS ENCOUNTERED (if any)

None

9. WORK SCHEDULED FOR UPCOMING WEEK

Sevenson distributed the attached two-week projection of work. Additional personnel will likely mobilize to the site next week.

10. OTHER ITEMS

Two items remain "open" from earlier discussions:

- During Progress Meeting 29 Mr. Fuks said a drawing file would be sent by NYPA to O'Brien & Gere, but as discussed during Progress Meeting 30 the referenced drawing received by O'Brien & Gere was not appropriate for use. Mr. Fuks said today that other drawings are being located and he will send them to O'Brien & Gere, so an approval to proceed with slag removal on the NYPA ROW remains on hold pending action by NYPA.
- National Grid is preparing a work plan for the National Grid towers in the wetland south of OU1, and further updates will be provided as they become available.

As a new item, Mr. Farrell said that O'Brien & Gere reviewed the fence grounding material take-off quantities provided by Sevenson and is seeking clarification from National Grid regarding its requirement for frequency of connection between the fence and grounding wire.

Mr. Farrell also said that the recent geocomposite clay liner (GCL) submittal was returned as "Reviewed and Noted", requiring that the base of the National Grid towers not be buried and attaching the details for grade and cap below the towers. Mr. Brueckel acknowledged that the tower bases must not be buried per National Grid requirements.

Also, Mr. Brueckel indicated today that the wetland plant vendor would be visiting the site this week to examine the planting area of the west wetlands.

11. NYSDEC COMMENTS

Mr. Hinton had no comments.

12. NEXT PROGRESS MEETING

Progress Meeting 32 is scheduled for Tuesday, May 13 at 10:30 AM.

AGENDA
WEEKLY CONSTRUCTION PROGRESS MEETING

VANADIUM SITE OPERABLE UNIT 3 REMEDIAL ACTION
TOWN OF NIAGARA, NEW YORK

1. INTRODUCTION
2. PRIOR MEETING MINUTES (acceptance/comments)
3. HEALTH & SAFETY
 - a. Safety moment to highlight task associated risks
 - b. Monitoring performed
 - c. Compliance with Action Levels
 - d. PPE response/corrective actions (if necessary)
 - e. Accidents/injuries (if any)
4. COMMUNITY AIR MONITORING
 - a. Monitoring performed
 - b. Compliance with Action Levels
 - c. Corrective actions (if necessary)
5. SITE SECURITY
6. STORMWATER POLLUTION CONTROLS
7. COMMUNITY/REGULATORY INTERACTIONS
 - a. NYSDEC
 - b. NYSDOH
 - c. Others (if any)
8. WORK COMPLETED DURING PREVIOUS WEEK
 - a. Excavation & consolidation of slag/soil
 - b. Construction quality control tests performed
 - c. Number of samples collected for analyses
 - d. Laboratory results received
 - e. Construction water management
9. UNANTICIPATED CONDITIONS ENCOUNTERED (if any)
10. WORK SCHEDULED FOR UPCOMING WEEK
 - a. Project tasks to be completed
 - b. Anticipated labor/equipment needs
 - c. Potential hazards/special considerations for toolbox safety meetings
11. NYSDEC COMMENTS

WORK COMPLETED 4/28/14 – 5/6/14

- Continued to prepare and submit contract submittals.
- Continued to implement the health and safety plan.
- Continued site security operations.
- Continued to perform soil erosion and sediment control inspections and maintenance.
- Continued to dewater common borrow pit, and manage water onsite.

UPCOMING WORK SCHEDULED

- Continue to prepare and submit contract submittals.
- Continue to implement the health and safety plan.
- Continue to implement CAMP activities.
- Continue to grade final subgrade
- Continue site survey activities.
- Continue to perform soil erosion and sediment control inspections and maintenance.
- Continue to perform site security operations.
- Continue dewater and water management activities.
- Continue the installation of the common borrow.
- Install the tower 11 crane pad.



**Sevenson Environmental Services, Inc.
Operable Unit #3 (OU-3) Remedial Action
Vanadium Site (Site 9-32-001)**

**Two Week Look Ahead
April 27th - May 24th**

TASKS	Previous Week							This Week							Next Week							2 Weeks						
	Su	M	T	W	Th	F	Sa	Su	M	T	W	Th	F	Sa	Su	M	T	W	Th	F	Sa	Su	M	T	W	Th	F	Sa
	27	28	29	30	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Preparation & Submission of Contract Submittals		█	█	█	█	█			█	█	█	█	█			█	█	█	█	█			█	█	█	█	█	
Implement the Health & Safety Plan		█	█	█	█	█			█	█	█	█	█			█	█	█	█	█			█	█	█	█	█	
Perform Soil Erosion and Sediment Control Inspections		█	█	█	█	█			█	█	█	█	█			█	█	█	█	█			█	█	█	█	█	
Perform Water Management Operations		█	█	█	█	█			█	█	█	█	█															
Grading of Subgrade in Areas 3										█	█	█	█			█	█	█	█	█			█	█	█	█	█	
Obtain Asbuilt Verifications Shots									█	█	█	█	█			█	█	█	█	█			█	█	█	█	█	
Place Common Borrow on Graded Subgrade (Weather Pending)													█			█	█	█	█	█			█	█	█	█	█	
Install Tower 11 Crane Pad																		█	█	█								