

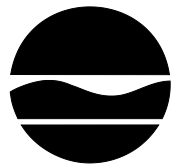
# **New York State Department of Environmental Conservation**

## **Division of Environmental Remediation, Region 9**

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Joe Martens  
Commissioner

## **INSPECTION REPORT**

**Site Number:** 932110

**Date:** June 3, 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 w/ Jackie DiPronio

Job Progress Meeting #35

Refer meeting summary prepared by OB&G for attendees and summary

Meeting 34 Summary Notes no issues

H&S – No issues TWA data below detectable levels. TWA frequency evaluation

CAMP – meters deployed daily, no issues, expecting drying conditions, water truck ready, dust along haul road

SWWP – no problem, Glynn continuing weekly inspections

Security – continued ATV activity?

Work Completed – Refer summary notes

Problems – weather conditions continue to cause delays

Upcoming Work – Refer summary notes

NYPA – completed permit amendment.

Nat Grid - Towers south of OU#1, no additional info

Fence Grounding – Nat. Grid details to govern. SES needs coordinates for grounding requirements (start and end locations).

Borrow soil needed ~140,000cy

Next meeting June 10, 2014

MJH left site at 1105 hrs.

**Attachments:** meeting summary, photo's

**Inspector's Name (Print):** Michael J Hinton

**Inspector's Signature:**

**Date:** June 12, 2014

## **Minutes of Construction Progress Meeting 35**

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

The thirty-fifth construction progress meeting was conducted on June 3, 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, Al Farrell, and Alan Rhodes on site  
**Sevenson** – Mike Welch, Jack Brueckel, Dana Tipton and David Leising on site  
**NYSDEC** – Michael Hinton and Jackie Dipronio on-site  
**CB&I** - Michael Donegan on-site

A copy of the meeting agenda is attached.

#### **1. MINUTES OF PRIOR PROGRESS MEETING**

Mr. Welch asked if the minutes of Progress Meeting 34 could be resent if distributed earlier.

#### **2. HEALTH & SAFETY**

There were no incidents since the last progress meeting.

Mr. Farrell recommended approval of Sevenson's request to discontinue weekly Time-weighted Average (TWA) personal air monitoring and instead conduct TWA monitoring on a monthly basis, as introduced by Sevenson during Progress Meeting 30 and documented by the May 6, 2014 memorandum from Mr. Paul Jung - Sevenson's Director of Health and Safety. In accordance with the May 6, 2014 memorandum from Mr. Jung, it is recommended that quantitative occupational air sampling be reduced to once monthly unless real time dust measurements indicate a significant increase in dust generation at the site when handling or moving slag material.

#### **3. COMMUNITY AIR MONITORING**

Community air monitoring is continuing and there were brief intervals (15-minute periods) last week when dust was detected at the east side of Area 3 above the lower action level for the site. The condition however did not persist.

Weekly CAMP summaries are provided to the NYSDEC and NYSDOH.

#### **4. STORMWATER POLLUTION CONTROLS**

Glynn Geotechnical is conducting weekly inspection of the stormwater pollution controls and the controls are in good condition. Unauthorized ATV activity on the site continues to cause some minor damage to the stormwater pollution controls, and repairs are made by Sevenson as required.

#### **5. SITE SECURITY**

Mr. Welch reported that there continues to be indication that some ATVs have been entering the site, despite posting signs at the perimeter. Sevenson has made local law enforcement aware of the trespassing that is occurring.

6. COMMUNITY/REGULATORY INTERACTIONS

None

7. WORK COMPLETED DURING PREVIOUS WEEK

Mr. Welch 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. Mr. Brueckel said that Sevenson would likely exhaust the on-site supply of common fill within the next 2 weeks and will be starting the import of common fill from off-site.

10. OTHER ITEMS

- Mr. Farrell reported that NYPA has drafted a permit amendment to allow excavation of slag from the NYPA ROW and is mailing it to O'Brien & Gere. Once received, a copy will be emailed to Sevenson to print and sign. After returning to O'Brien & Gere for signature, the completed permit package will be returned to NYPA for execution. In the meantime, Mr. Farrell recommended that Sevenson make tentative plans to initiate the slag removal in the NYPA ROW in anticipation of receiving authorization to proceed from NYPA, and to advise Mr. Fuks of the proposed schedule for the work.
- 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.
- RFI-018 recommending re-routing of the access road is on hold pending review of slopes and crane access requirements by Mr. Manley of National Grid. Mr. Bryk said he would inquire with Mr. Manley regarding the status. Mr. Brueckel said that Sevenson would need to know how to proceed by the end of month to not cause delay.
- Mr. Welch acknowledged receiving coordinates for the sections of fence between which the National Grid standard fence grounding detail is applicable.

11. NYSDEC COMMENTS

Mr. Hinton asked if Sevenson continues to have samples collected, and Mr. Welch replied that Sevenson will be continuing to collect samples of imported fill as required by the specifications for monitoring physical properties and chemical characteristics of the soil.

12. NEXT PROGRESS MEETING

Progress Meeting 36 is scheduled for Tuesday, June 10 at 10:30 AM.

**AGENDA**  
**WEEKLY CONSTRUCTION PROGRESS MEETING**

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

1. INTRODUCTIONS
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 5/27/14 –6/3/14**

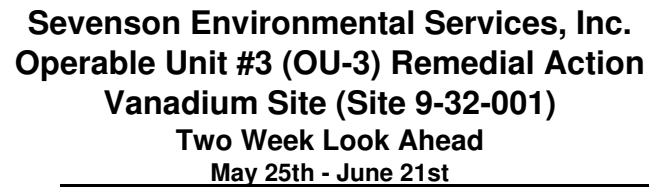
- Continued to prepare and submit contract submittals.
- Continued to implement the health and safety plan.
- Continued site security operations.
- Continued CAMP activities.
- Continued to perform soil erosion and sediment control inspections and maintenance.
- Continued to dewater various areas and manage water onsite.
- Continued to final grade subgrade with the D65 GPS bulldozer.
- Continued the mobilization and setup of the temporary WWTP.
- Completed the installation of the tower 14 crane pad.
- Continued the installation of common borrow in Area 3 from the onsite borrow pit.
- Initiated the installation of the towers 11 crane pad.
- Completed the installation of the 15 & 18 inch drain pipes.

**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 with the D65 GPS bulldozer.
- Continue site survey activities.
- Continue to perform soil erosion and sediment control inspections and maintenance.
- Continue to perform site security operations.
- Continue dewatering and water management activities (as needed).

### **VANADIUM SITE OU-3**

- Continue the installation of common borrow from the onsite common borrow pit.
- Initiate importing offsite common borrow for installation into the soil cap.
- Complete the installation of the tower 11 crane pad.
- Initiate the installation of the tower 12 crane pad.
- Initiate the installation of the pull pads.
- Receive GCL shipments.
- Initiate the installation of the GCL and Drainage Geocomposite.

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