

Mr. Shane Nelson, RPM/OSC  
U.S. Environmental Protection Agency—Region 2  
Emergency and Remedial Response Division  
290 Broadway, Floor 19  
New York, NY 10007-1866

June 5, 2019

**Subject: Quanta Resources Corporation Superfund Site, Operable Unit 1 (OU1), Edgewater, New Jersey,  
Progress Report: May 2019**

Dear Mr. Nelson,

This letter is the progress report required pursuant to the U.S. Environmental Protection Agency (EPA) Consent Decree for the Remedial Design (RD) and Remedial Action (RA) at the Quanta Resources Corporation Superfund Site, OU1, which was finalized with the courts on March 11, 2013.

## **Health and Safety**

- Through May 2019, approximately 149,489 labor hours worked without a lost-time incident.
- No recordable incidents occurred during the month of May.

## **Work Completed**

The activities completed during May to comply with the Consent Decree are described in the following subsections. Figure 1, on the following page, depicts the work activities completed as of the end of May.

### **OU1 General Civil Work**

Continued installation of necessary utilities for the Site (e.g., water, natural gas, and electric) to resume ISS activities in June 2019.

### **OU1 ISS**

- Completed erecting and commissioning the first ISS tent in Area 3 (adjacent to City Place).
- Began erecting a second ISS tent in Area 7 (adjacent to the bulkhead).
- No ISS mixing occurred during reporting period.

### **OU1 Bulkhead Installation**

- Completed construction of the brackets along the bulkhead for support of the tents.
- Completed installation of the final temporary tie-rod for the bulkhead.



**Figure 1. Bulkhead and In Situ Solidification/Stabilization (ISS) Progress through May 2019**  
*ISS areas shown are approximate and not drawn to scale.*

#### **OU1 Vibration and Air Monitoring**

- Continued with vibration and movement monitoring. Observed no vibrations outside the project limits during May.
- Continued perimeter air monitoring in accordance with the Perimeter Air Monitoring Plan and the applicable adjustments/addendums.

#### **OU1 Offsite Waste Disposal**

- Hazardous
  - Two 55-gallon drums of NAPL to Veolia in Flanders, NJ.
  - Two 55-gallon drums of NAPL-stained PPE to Cycle Chem in Lewisburg, PA.
- Non-Hazardous
  - Two 30-cubic yard roll-offs of asphalt material to C.E.C.S., Inc. in Sparta, NJ for offsite recycling.

#### **OU1 NAPL Recovery**

- Gauged accessible sentry wells on May 24
- Performed bail-down test at RW4-2 on May 21
- 28 gallons of NAPL were pumped from RW4-2

#### **Site Security, Maintenance, and Inspections**

- Completed weekly boom and SWPPP inspections on May 3, May 9, May 14, May 23, and May 29, 2019.
- Replaced inner and outer absorbent boom on May 9, 2019.

## Two-Week Look-Ahead

- Continue NAPL pumping at RW4-2.
- Gauge sentry wells.
- Perform bail-down tests at RW4-1 and RW4-2
- Continue with setting up Tent in Area 7
- Begin ISS activities in the Tent in Area 3

## Data and Submittals

### ISS Compliance Data Summary

Submitted an addendum to the ISS Completion Reports to EPA on May 22. The update provided information pertaining to calculations used to transform the baseline data to allow for comparisons against the leaching results from Method 1315M.

### Air Monitoring

Provided perimeter and offsite air monitoring data when received (typically daily) to EPA.

### Other Deliverables and Submittals

- Submitted a letter detailing changes from the RAWP Addendum to EPA on May 28<sup>th</sup>. Revisions were predominately associated with final emission control tent layout/arrangements and updates required by the final NJDEP air permit.
- Submitted the annual vapor intrusion monitoring report for 103 River Road to EPA on May 31.
- Submitted the vapor intrusion monitoring report for 125 River Road to EPA on May 31. This was associated with a newly constructed office building and results indicated that no further action is warranted.

## Issues and Corrective Actions

### Remediation Suspension

Suspension of the remediation at the site occurred on May 16, 2018 to prepare for the demolition of the 115 River Road building. Final preparations are underway and ISS mixing is expected to restart in early June 2019.

### Stakeholder Communication and Community Involvement

- Submitted the monthly progress report for April on May 10.
- Reviewed and updated website as needed. Coordinated preparation of written updates and maps and submitted progress photos.
- Tracked community concerns and complaints. In May, two community concerns were submitted through the Quanta call center. Pier tenant concerns were handled in person or through email.
- Provided weekly and as-needed progress updates for email distribution to pier tenants.
- Tracked and coordinated communication about the schedule and progress on constructing the tents and beginning remediation activities for HON and EPA communications.
- Submitted weekly updates to EPA summarizing upcoming site activities.
- Submitted offsite air monitoring results to Honeywell for the website after approval by EPA.
- Uploaded daily air monitoring results to [www.quantaremediation.com](http://www.quantaremediation.com)

### Activities Planned for Next 6 Weeks

- Continue with NAPL recovery operations and submit the next quarterly data transmittal.
- Continue weekly boom inspections and SWPPP inspections, and associated maintenance.
- Commission the second ISS tent near the bulkhead.
- Start ISS mixing in Areas 3 and 7.

### Schedule Update and Delays

The overall schedule for the OU1 remediation has been extended because of the delays described in the in prior status reports. A proposed updated schedule was provided as part of the Remedial Action Work Plan Addendum submitted on December 4 to EPA, and an update provided in the May 28, 2019 letter. Mobilization for Phase 2 of the remedial action was substantively complete in April 2019. A complete updated schedule will be provided following verification of achievable production rates for ISS under the tents, based on work starting early June in Tent 3-1.

### Percent Complete

Work associated with the OU1 Remedial Action is approximately 53 percent complete.

Please feel free to contact me at 267-250-7387 or Steve Coladonato, Honeywell Remediation Manager, at 302-791-6738 if you have any questions or comments regarding the Quanta project.

Sincerely,



Stephen J. Zarlinski  
Project Manager

Copies to:

Clay Monroe (EPA)  
Steve Coladonato (Honeywell)  
Erica Bergman (NJDEP)  
Helen Fahy (Fahy Associates)  
Neil Ravensbergen (USACE)  
Frank Rossi (Boswell)  
Michael Johnson (USACE)  
John Tsun (Bosswell Engineering)

Rich Puvogel (EPA)  
John Mojka (Honeywell)  
Greg Franz (Borough of Edgewater)  
Tim Johnson (Anchor QEA)  
Rich Gajdek (USACE)  
Neil Kolb (USACE)

