

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

September 10, 2018

Subject: Quanta Resources Corporation Superfund Site, Operable Unit 1 (OU1), Edgewater, New Jersey, Progress Report: August 2018

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 August 2018, approximately 102,584 labor hours worked without a lost-time incident.
- No recordable incidents occurred during the month of August.

Work Completed

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

OU1 General Civil Work

- Continued with installation of utilities for the pier building to allow for ISS to occur upon remobilization after the suspension.

OU1 ISS

- No ISS work activities occurred during reporting period.

OU1 Bulkhead Installation

- No work activities occurred during reporting period.

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Figure 1. Bulkhead and In Situ Solidification/Stabilization (ISS) Progress through August 2018



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 August.
- Continued perimeter air monitoring in accordance with the Perimeter Air Monitoring Plan and the applicable adjustments/addendums. Starting on July 9th, sampling was reduced to six-locations as all work related to the remedial action was suspended. On August 9th, with EPA approval, sampling was reduced occur three times per week at the six-locations.

OU1 Offsite Waste Disposal

- No waste was transported during reporting period.

OU1 NAPL Recovery

- Gauged accessible sentry wells on August 30, 2018.
- Performed routine maintenance on the RW4-2 pump.
- 41 gallons of NAPL were collected from RW4-2 during recovery operations in August.
- Performed baildown tests at RW4-1 and RW4-2.

Site Security, Maintenance, and Inspections

- Completed weekly boom inspections and SWPPP inspections on August 9, August 15, August 22, and August 29, 2018.



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- No site security issues during reporting period.

Two-Week Look-Ahead

- Continue daily pumping at RW4-2; perform baildown testing at RW4-1 and RW4-2; gauge sentry wells.
- All other remediation activities have been suspended.

Data and Submittals

ISS Compliance Data Summary

All required samples to demonstrate ISS compliance with the unconfined compressive strength and permeability criteria, and the 90 percent leaching reduction goal have been collected as required by the approved remedial action work plan and QAPP this month. The final leaching data for all completed ISS to date is expected in early September at which point an update will be provided.

Air Monitoring

- Provided perimeter and offsite air monitoring data when received (typically daily) to EPA.
- Provided EPA with the revised version of the proposed perimeter air monitoring plan during ISS suspension on July 12th. Revisions were made based on discussions with EPA and a new version was submitted on August 9 and subsequently approved by EPA.

Other Deliverables and Submittals

- Submitted the NAPL recovery data transmittal to EPA on August 13 associated with the reporting period of February through April 2018.
- Submitted the Remedial Action Work Plan addendum to EPA on August 22 This addendum updates relevant information in the RAWP to allow for completion of the remaining ISS work using temporary tent structures for improved odor management. The concepts and approach described in the 2016 RAWP remain applicable unless specifically modified within the attached plan addendum.
- Submitted a draft ZVI Injection Work Plan to EPA on August 31 associated with implementation of a remedy for the High Concentration Arsenic Area. This was prepared in response to EPA's letter dated July 19, 2018 and received July 24th and during follow-on discussions from a meeting on July 26th.

Issues and Corrective Actions

Summer Time Suspension

Suspension of the remediation at the site occurred on May 18th to prepare for the demolition of the 115 River Road building. Remediation is expected to restart in Fall 2018.

Stakeholder Communication and Community Involvement

- Submitted the monthly progress report for July on August 8.

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- Tracked community concerns and complaints. In August, no residential concerns were submitted through the Quanta call center or by direct email. One concern about an odor and a sheen on the river was submitted by a business. Worked with Honeywell and EPA to track calls and responses.
- Provided weekly and as-needed progress updates for email distribution to pier tenants.
- Uploaded air monitoring results to www.quantaremediation.com
- Submitted offsite air monitoring results to Honeywell for the website after approval by EPA. Continued to draft text for emails and website about upcoming demolition work.
- Provided updated construction photos and laboratory air quality results biweekly for project website. Reviewed website weekly and submitted text changes as needed.

Activities Planned for Next 6 Weeks

- Continue with NAPL recovery operations.
- No other activities associated with the remedial action are planned for September.

Schedule Update and Delays

The overall schedule for the OU1 remediation has been extended because of the delays described in the following subsections (for this reporting period) and in prior status reports. As of August, remediation work has been suspended and will plan to be remobilized in late 2018. A proposed updated schedule was provided as part of the Remedial Action Work Plan Addendum submitted on August 22 to EPA.

Percent Complete

Work associated with the OU1 ISS 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

Enclosures: Attachment A, ISS Results Dashboards

Copies to:

Clay Monroe (EPA)
Steve Coladonato (Honeywell)
Erica Bergman (NJDEP)

Rich Puvogel (EPA)
John Mojka (Honeywell)
Greg Franz (Borough of Edgewater)



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