

Quarterly Progress Report

April 20, 2023

To: Garin Schrieve, PE, Washington State Department of Ecology

From: Nicole Forsberg, Anchor QEA, LLC

cc: Kristin Gaines and Cheryl Vezzani, Northwest Alloys, Inc.

Re: Former Reynolds Metals Remediation – Quarterly Progress Report, 2023 Q1

Per Section XI of the Consent Decree (CD) issued by the State of Washington Cowlitz County Superior Court on December 14, 2018, Anchor QEA, LLC, is providing the following quarterly progress report on behalf of Northwest Alloys, Inc. (NWA). This quarterly progress report describes the actions taken during the previous quarter (January 1, 2023, to March 31, 2023) to implement the requirements of the CD.

A. List of on-site activities that have taken place during the quarter

- In response to the Washington State Department of Ecology (Ecology) comments received on November 11, 2023, Anchor QEA on January 4, 2023, submitted the response to comments (RTC) matrix for the *Final Revised Engineering Design Report* (Final Revised EDR) along with associated redlined drawings and screenshots.
- On January 5, 2023, a Former Reynolds Metals Company (RMC) Longview Ecology NWA Coordination Meeting with Ecology, NWA, and Anchor QEA was held via Microsoft (MS) Teams. The Final Revised EDR package, "Reactive Backfill Design" technical memorandum, *AKART Study Plan for Treatment of Remediation Water at Facility 71*, and *Engineering Report for NPDES Permit Renewal Application* (NPDES Engineering Report) RTC package were discussed.
- On January 13, 2023, Anchor QEA provided to Ecology the Former Reynolds Metals Reduction Plant – Longview "Reactive Backfill Design" memorandum. The contents of the memorandum were discussed during a Former RMC Longview Ecology NWA Coordination Meeting with Ecology, NWA, and Anchor QEA via MS Teams on January 20, 2023.
- The first quarter 2023 groundwater monitoring occurred on January 18 and 19.
- On January 23, 2023, a package in response to Ecology comments received on November 3, 2022, regarding the requirements of WAC 173-240 was submitted. The package included an RTC matrix for the NPDES Engineering Report and applicable Final Revised EDR documents (i.e., Appendices E and F for plans and specifications, as well as Appendices H [*Stormwater Design Report*] and K [*Remediation Water Management Plan*]). The National Pollutant Discharge Elimination System (NPDES) package was discussed during a Former RMC Longview Ecology NWA Coordination Meeting with Ecology, NWA, and Anchor QEA via MS Teams on January 27, 2023.

- On February 8, 2023, Anchor QEA submitted to Ecology the "Pre-Construction Monitoring Well Decommissioning" memorandum request. Ecology provided comments on February 10, 2023. It was decided that well decommissioning would be postponed until after season 1 of the Model Toxics Control Act (MTCA) remediation. Additional details regarding proposed monitoring well decommissioning were included in the *Final Engineering Design Report* (Final EDR).
- On February 27, Anchor QEA submitted to Ecology the Final EDR and draft *Compliance Monitoring and Contingency Response Plan* (CMCRP).
- The *2022 Annual Groundwater Monitoring Report* was submitted to Ecology on March 1, 2023.
- The Former RMC Longview Ecology Update Meeting No. 21 with Ecology, NWA, and Anchor QEA was held via MS Teams on March 3, 2023. The proposed review schedule for the Final EDR and WAC 173-240/NPDES package and draft CMCRP were discussed.
- NWA had a call with Ecology to discuss reactive backfill and next steps on the project on March 7, 2023.
- A table of contents comparison document of the 2018 CMCRP and 2023 draft CMCRP was provided to Ecology on March 3, 2023. Hard copies of the 2018 CMCRP and 2023 draft CMCRP were delivered to Ecology on March 9, 2023. A CMCRP crosswalk document was also provided on March 9, 2023.
- On March 14, 2023, Anchor QEA provided Ecology with an update on the ground improvement testing at Site Unit (SU) 7/East Landfill No. 1.
- On March 14, 2023, NWA submitted the updated Appendix G, *Reactive Backfill Report*, per verbal comments received from Ecology.
- The Former RMC Longview Ecology Update Meeting No. 22 with Ecology, NWA, and Anchor QEA was held via MS Teams on March 16, 2023. Discussion included reviewing Ecology comments on the Final Revised EDR, East Landfill No. 1 field summary, and updates on permits and contractor procurement.
- On March 23, 2023, Ecology provided comments on the draft CMCRP.
- The Former RMC Longview Ecology Update Meeting No. 23 with Ecology, NWA, and Anchor QEA was held via MS Teams on March 24, 2023. Ecology's comments on the draft CMCRP, redlined Final EDR, and contractor submittals were discussed.
- On March 28, 2023, NWA submitted the draft NWA SWPPP Remediation Addendum and Envirocon's EPP to Ecology for review.
- A Former RMC Longview Ecology NWA Coordination Meeting with Ecology and Anchor QEA was held via MS Teams on March 30, 2023, to discuss ongoing ground improvement testing.
- On March 31, the *Final Engineering Design Report, Version 2* and updated CMCRP were submitted to Ecology.

B. Detailed description of any deviations from required tasks not otherwise documented in project plans or amendment requests

None.

C. Description of all deviations from the Scope of Work and Schedule (Exhibit C) during the current quarter and any planned deviations in the upcoming quarter

None.

D. For any deviations in schedule, a plan for recovering lost time and maintaining compliance with the schedule

None.

E. Summary of all environmental data received by Owner during the past quarter

Data were received for the first quarter interim groundwater monitoring program. Those data will be reported in the *2023 Annual Groundwater Monitoring Report*.

F. (At Ecology's request) All raw data, including laboratory analyses and an identification of the source of the sample

No data were requested.

G. List of deliverables for the upcoming quarter, if different from the schedule

There are no changes to the CD Scope of Work.

H. References

There are no applicable references.