Memorandum

To: Dania Zinner, EPA RPM, VB/I70 Superfund Site
From: Timothy C. Shangraw
Date: October 30, 2015
Re: POLREP #4 - Vasquez Boulevard/Interstate 70 (VB/I70) Superfund Site, Operable Unit 2, Removal Action

On behalf of the City and County of Denver (Respondent), Engineering Management Support, Inc. is submitting this Pollution Report (POLREP #4) in accordance with Section 4.c of Appendix C to the Administrative Settlement Agreement and Order on Consent for Removal Action, for the subject Superfund Site (the Site). This report follows the outline detailed in Section 4.c of Appendix C, and contains pertinent new information specified in the Superfund Removal Procedures, Removal Response Reporting: POLREP and OSC Reports (EPA, 1994).

Section 1 – Heading

The date, site name, report author, report recipient, and report number are presented above.

Section II – Response Information

The reporting period extended from October 1 to October 30, 2015. During the reporting period a Draft Design Report (EMSI, October 26, 2015) and a draft Final Materials Management Plan (MMP) (EMSI, October 27, 2015) were prepared and submitted to EPA and CDPHE. The draft Final MMP was a revision of the draft MMP (EMSI, June 19, 2015) that incorporated results from the Design Investigation conducted this summer, and numeric limits from discharge permits for Remediation Activities Discharging to Surface Water that were issued by CDPHE Water Quality Control Division (WQCD) on October 19, 2015. Pending receipt and resolution of EPA and CDPHE comments on the draft Final MMP, a final Final MMP will be resubmitted.

Several progress meetings were held with EPA and CDPHE during the month. On October 7th a scoping meeting was held with EPA to discuss data needs for an expanded OU2 Remedial Investigation (RI) that might overlap with, or be impacted by the Removal Action. It was agreed that the hydrogeologic and groundwater quality data collected during the Removal Action would be beneficial toward development of a work scope for the groundwater RI. Denver agreed to consolidate Removal Action data with historic site data following completion of the Removal Action, then review results with EPA.

On October 14th an impermeable barrier design review meeting was held with EPA and CDPHE. Conceptual designs for the barrier were presented and discussed. CDPHE requested that a Construction Quality Assurance Plan for the impermeable barrier be prepared and submitted as part of the Final Design package.
Section III – Issues, Resolutions, and Planned Activities

No new design issues were raised during the reporting period.

Activities planned for the next reporting period consist of:

- Review of the Draft Design Report in a work-group meeting with EPA and CDPHE on November 16th;
- Incorporate responses to EPA and CDPHE comments on the Draft Design Report, together with new design details, into a pre-Final Design Report (anticipate submittal in late November);
- Finalization of the MMP (pending receipt and resolution of EPA and CDPHE comments on the draft Final MMP);
- Prepare a Methane and Odor Control Plan (anticipate submittal with the pre-Final Design Report);
- Additional groundwater modeling to evaluate pumping rates necessary to lower the groundwater table beneath the proposed reinforced concrete box conduit in the Coliseum parking lot, and to assess post-construction impacts to groundwater flow beneath the Removal Action (anticipate submittal with the pre-Final Design Report);
- Prepare a Construction QA Plan for the impermeable barrier system (anticipate submittal with the pre-Final Design Report);
- Conduct water treatability studies, as appropriate (throughout November); and
- Respond to EPA comments on the draft Quality Management Plan (throughout October).

Please call Lisa Farrell (720.865.5439) or me (303.940.3426 x9) if you have any questions.