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LANDSBURG MINE SITE REMEDIATION CONSTRUCTION ACTIVITIES MONTHLY SUMMARY REPORT JUNE 2019

Construction activities completed at the Landsburg Mine Site (the Site) during June 2019 are summarized as follows:

- Goodfellow Bros Inc. (GBI) and Golder Associates Inc. (Golder) mobilized to the site on June 4, 2019 to begin filling of the trenches. Filling began at the south end of Area 9 and at the land bridge between Area 7 and Area 8. As of June 29, approximately 80% of Area 9, 50% of Area 8, and 30% of Area 7 have been filled.
- Fill material at the source (Microsoft Redmond excavation) was observed to be native glacial derived soils consisting of gray silty fine-to-medium sand with trace to little sub-rounded fine gravels. The soil was sampled at the source for laboratory analysis. Lab analyses indicated there were no contaminants that could potentially impact the Site. A series of technical memorandums^{1,2} were provided to Ecology summarizing the soil characterization completed.
- Field screening conducted at the fill source and screening of the soil delivered to the Site have not shown any indications of potential contamination. Golder conducted periodic screening of the fill material using a photoionization device (PID) and did not observe any PID readings above background concentrations.
- Golder began short-term groundwater monitoring in accordance with Table A-2 of the Construction Management Plan (CMP). Groundwater samples were collected on June 11, 12, and 13 and delivered to the laboratory for analysis. Groundwater monitoring for measurement of field parameters was also completed during the week of June 24. Groundwater monitoring data will be provided to Ecology in a monitoring report, following receipt and validation of the analytical data.

¹ Golder 2019. Landsburg Mine Site Trench Backfill Initial Soils Characterization. Prepared by Golder. May 28.

² Golder 2019. Landsburg Mine Site Trench Additional Soils Characterization. Prepared by Golder. June 10.

Anticipated Construction Tasks to Occur During the Next Month:

- Continue filling trench Areas 7 to 9, and abutment filling of trench Area 6.
- Continued field screening of soils and additional fill source soil sampling and analysis
- Continue short-term monitoring in accordance with Table A-2 of the CMP.

Please contact Gary Zimmerman at (425) 883-0777 if you have any questions.

Golder Associates Inc.



Gary Zimmerman
Principal

JX/GLZ

Attachments: Site Photographs

Photo 1 – Area 9, June 4, 2019 (looking northwest from southern tip)



Photo 2 – Area 9, June 25, 2019 (looking northwest from southern tip)



Photo 3 – Area 9, November 15, 2018 (looking south from northern tip)



Photo 4 – Area 9, June 25, 2019 (looking south from northern tip)



Photo 5 – Area 8, November 20, 2018 (looking northeast from southern tip)



Photo 6 – Area 8, June 21, 2019 (looking northeast from southern tip)



Photo 7 – Area 7, November 20, 2018 (looking northeast from southern tip)



Photo 8 – Area 7, June 25, 2019 (looking northwest from southern tip)



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