



February 15, 2018  
G-Logics File 01-0410-M

Washington State Department of Ecology, NW Region  
Mr. Dale Myers  
3190 160<sup>th</sup> Avenue SE  
Bellevue, WA 98008

**Subject: Progress Report, January 1 to 31, 2018**  
**Boeing Field Chevron**  
**Ecology Facility-Site ID: 2551**  
**Agreed Order: DE-10947**  
**10805 East Marginal Way South**  
**Tukwila, WA**

Dear Mr. Myers:

This progress memo has been prepared per the Agreed Order requirements for the Boeing Field Chevron Site to document activities that have occurred since the previous progress memo dated January 16, 2018. This memo is understood to fulfill the reporting obligations established in the Agreed Order (No. DE 10947). Presented below is information for each of the eight Agreed Order Progress Memo topics.

**1 – Actions Taken at the Property to Comply with Agreed Order No. DE 8072**

G-Logics completed an additional exploration effort, specifically, the installation of four additional groundwater monitoring wells. Soil samples were collected from the borings and groundwater has been collected from the new and existing monitoring wells. The groundwater samples were analyzed with analytical results added to the existing Remedial Investigation (RI) Report Tables. Two soil-gas samples also were collected and are being analyzed.

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G-Logics is updating the figures and text of the RI report with information from the recently completed supplemental exploration efforts. Additionally, this data will be used to update the RI Report. Additionally, G-Logics received comments from Ecology on the second submittal of the RI Report. G-Logics is addressing/incorporating these comments, and will include our revisions in the RI Report.

## **2 – Summary of Sampling and Testing**

Ten soil samples from the four new borings (MW-24D, MW-29S, MW-29D, and MW-30) were analyzed by methods NWTPH-Gx, NWTPH-Dx, and EPA Methods 8260c. With the exception of one soil sample reporting a concentration of xylenes at 0.228 mg/kg (MTCA Method A cleanup level is 9 mg/kg), all other analytes were not detected at the laboratory reporting limits.

During the supplemental RI activities, 15 discrete and 2 blind-duplicate groundwater samples were collected and analyzed. The analytical results for groundwater collected from 7 of the monitoring wells, specifically, MW-18, -19, -20, -21, -23, -27S, -29D, were not found to contain detectable concentrations of analyzed contaminants (at laboratory reporting limits).

Monitoring wells that reported concentrations of Site contaminants below cleanup levels included MW-24, MW-27D, and MW-29S. Note MW-24 was pumped dry on Jan 11, 2018 at a volume of approximately 0.5 liters. However, enough groundwater was eventually recovered from the well for limited analysis. Monitoring wells that contained site contaminants above cleanup levels included the existing on-Property wells IP-3, IP-4, and IP-5, and new off-Property wells MW-24D and MW-30. As LNAPL was present in IP-7, a groundwater sample was not collected from this well. Product thickness in IP-7 was measured to be approximately 5 feet. Analytical results will be included in the upcoming technical memorandum and updated RI Report.

### **3 – Summary of Deviations from the Approved Workplan**

G-Logics understands there are currently no deviations for this reporting period.

### **4 – Summary of Contacts with Representatives from Local Community, Public Interest Groups, Press, and Federal, State, and Tribal Governments**

Discussions or contact with other public or private groups outside of the PLPs did not occur during this time period.

### **5 – Summary of Problems or Anticipated Problems in Meeting the Schedule or Objectives**

At this time, a delay in the delivery of the Draft Feasibility Study report, per the Schedule of Deliverables, is expected due to the feasibility pilot testing that will be performed to assess potential cleanup remedies for the Site. The results of feasibility pilot testing will be incorporated into the FS.

### **6 – Summary of Solutions Developed and Implemented or Planned to Address Problems**

G-Logics is working with the PLPs to identify estimated schedule.

### **7 – Changes in Key Personnel**

There is a change in key personnel for G-Logics. Dan Hatch is replacing Zak Wall as the project manager and primary point of contact at this time. G-Logics previously submitted formal notice of the change to Ecology on January 16, 2018.

### **8 – Description of Work Planned for Next Reporting Period**

G-Logics is updating the RI report to include the supplemental exploration activities recently completed. G-Logics also is completing a workplan to provide details for a feasibility pilot study planned for the Site. G-Logics is preparing a Feasibility Pilot Study workplan to test the feasibility of using air sparging combined with soil vapor extraction (AS/SVE) as a cleanup remedy for the Site. Specifically, for use in both the upper and lower saturated zones.

At this time, other in-situ remedies, e.g., ISCO treatment, will not be a part of the Feasibility Pilot Study workplan, but may be assessed if the AS/SVE test does not yield effective results.


G-Logics continues to revise and address the Draft RI report with the recently completed supplemental field work and the received Draft RI Report comments from Ecology.

### **Closing**

Please contact us at your convenience with any questions regarding our work or findings.  
Sincerely,

### **G-Logics, Inc.**

  
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Project Geologist

  
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