

VIA ELECTRONIC MAIL

6 June 2017

Mr. Bob Williams  
Oregon Department of Environmental Quality  
700 NE Multnomah Street, Suite 600  
Portland, Oregon 97232

Subject: MW-36dg Monitoring Well Decommissioning Request  
East Multnomah County Troutdale Sandstone Aquifer Remediation (ECSI #1479)  
Fairview, Oregon

Dear Bob:

Geosyntec Consultants (Geosyntec) has prepared this memo on behalf of the Cascade Corporation (Cascade) and The Boeing Company (Boeing) to request Oregon Department of Environmental Quality (DEQ) permission to decommission groundwater monitoring well MW-36dg and to change the PWB contingency monitoring location from MW-36dg to PMX-208dg. MW-36dg is located in Zone A of the lower Troutdale Sandstone Aquifer (TSA) aquifer (Figure 1). Well MW-36dg meets the well decommissioning criteria because TCE concentrations are below the cleanup level (5.0 µg/L; see Table 2-1, Annual Performance Report, 1 January 2016 – 31 December 2016, Geosyntec, Landau Associates, and SSPA, 2016), and the well is also considered a redundant data point to nearby well MW-208dg.

MW-36dg was installed in 1996, and trichloroethene (TCE) concentrations were slightly above the detection limit (0.5 to 1.0 micrograms per liter) from 2000-2001 and below the detection limit from 1996 through 1999 and since 2002. TCE concentrations at MW-36dg have always been below the cleanup level. Water quality monitoring at MW-36dg was reduced from annual to biennial in 2009 (Prowell Environmental and Landau Associates, 2009). In 2015, MW-36dg was added to the 2015 Monitoring and Contingency Plan for PWB Pumping Events (Landau Associates, 2015).

This letter also requests a change of the PWB contingency monitoring location from MW-36dg to PMX-208dg. PMX-208dg is located south of MW-36dg in Zone C, and PMX-208dg is also screened within the lower TSA aquifer. PMX-208dg is located closer to the residual dissolved TCE plume. PMX-208dg is currently scheduled for semiannual water level readings and no water quality sampling (Geosyntec, 2016).

If DEQ approves these proposals, the decommissioning would occur this summer, and the PWB contingency monitoring plan location change would be implemented by the end of June.

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Please do not hesitate to contact us at (503) 222-9518 if you have questions or require additional clarification on this letter.

Sincerely,

**Geosyntec Consultants, Inc.**

A handwritten signature in black ink, appearing to read "Cindy Bartlett". The signature is fluid and cursive, with a long horizontal stroke extending to the right.

Cindy Bartlett, R.G.

Senior Geologist/Project Manager

Cc: Jason Hegdahl, Cascade Corporation

Chris Kimmel, Landau Associates

**REFERENCES:**

Geosyntec Consultants, 2017. Annual Performance Report 1 January 2016 – 31 December 2016  
Troutdale Sandstone Aquifer Remedy, Fairview, Oregon. 15 March 2017.

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Landau Associates, 2015. 2015 Monitoring and Contingency Plan for PWB Pumping Events. 21  
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Prowell Environmental, Inc. and Landau Associates, Inc. 2009. Semiannual Performance Report:  
April 1 through September 30, 2009 Troutdale Sandstone Aquifer Remedy. 14 December  
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