



Oregon

John A. Kitzhaber, MD, Governor

Department of Environmental Quality

Northwest Region Portland Office

2020 SW 4th Avenue, Suite 400

Portland, OR 97201-4987

(503) 229-5263

FAX (503) 229-6945

TTY (503) 229-5471

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Mr. John Cushing
Cascade Corporation
2201 NE 201st Avenue
Fairview OR 97024

Kenneth G. Chaput
SSG Environmental Remediation
The Boeing Company
P. O. Box 3707 MC 6Y-94
Seattle WA 98124-2207

RE: *Semiannual Performance Report: October 1, 2011 through March 31, 2012 TSA Remedy* and Memoranda concerning BOP-43(ds,dg) and BOP-68(usg) Well Decommissioning Work Plan and the 2012 Monitoring and Contingency Plan for PWB Pumping Events
**East Multnomah County Area Groundwater
DEQ ECSI #1479**

Dear Mr. Cushing and Mr. Chaput:

The Department of Environmental Quality (DEQ) has reviewed the Prowell Environmental *Semiannual Performance Report: October 1, 2011 through March 31, 2012 TSA Remedy* and S.S. Papadopulos Memoranda concerning BOP-43(ds,dg) and BOP-68(usg) Well Decommissioning and the 2012 Monitoring and Contingency Plan for PWB Pumping Events.

Semiannual Performance Report

The Semiannual Performance Report recommends moving TSA extraction wells EW-13 and EW-15 from pilot shutdown status to monitoring well status. Since both extraction wells have been compliant with remedy goals for two years or more DEQ concurs with the recommendation.

Other recommended changes to the monitoring frequency schedule include:

MW-19(ds) - monthly to quarterly
Upper TSA replacement well BOP-22R(ds) – quarterly to semiannual
Upper TSA replacement well BOP-60R(ds) – quarterly to semiannual
Lower TSA well BOP-22(dg) – annual to biennial
Lower TSA well BOP-60(dg) – semiannual to annual

The recommendations are based on lengthy compliance with remedy goals. DEQ concurs with the recommended changes to the monitoring frequency.

Well Decommissioning and 2012 Monitoring and Contingency Plan

DEQ approves the BOP-43(ds,dg) and BOP-68(usg) Well Decommissioning Work Plan. The change to the Monitoring and Contingency Plan for PWB Pumping Events is based on the decommissioning of BOP-43(ds). The substitution of BOP-21(ds) for BOP-43(ds) in the monitoring plan appears to be a minor change. The new 2012 Monitoring and Contingency Plan is approved.

Please keep me up-to-date on the field work schedule. If you have any questions, please contact me at (503) 229-6802 or by email at williams.robert.k@deq.state.or.us.

Sincerely,

Robert Williams
Project Manager

cc: Charlie Andrews, S.S. Papadopoulos & Associates
Sarah Prowell, Prowell Environmental, Inc
Chris Kimmel, Landau Associates