

ADDENDUM No. 1 TO FACT SHEET
Permit No. ST-7446

Beulah Park and Cove Treatment Facility
King County, Department of Natural Resources and Parks,
Wastewater Treatment Division

The permit and fact sheet for the original Beulah Park and Cove Treatment Facility State Discharge Permit No. ST-7446 were issued on October 31, 2005, and became effective on November 1, 2005. King County submitted a request to have their permit modified on August 31, 2006. The following revisions are made as major modifications.

PROPOSED MODIFICATION FOR THE PERMIT

The proposed permit modifications address the ground water well installation requirements of the permit. The referenced permit requires ground water monitoring well installation by the permittee by October 31, 2006. A recent study estimated that the depths to ground water (i.e., the first water-bearing zone) are approximately 70 to 90 feet beneath the drip field surface. Drilling and installing wells of this depth will require a heavy drilling rig. The layout of the drip field and the proposed well locations require the drilling equipment to pass directly over the drip field, potentially causing extensive drip field damage. It is currently unknown if the treated effluent drains from the drip field into the deeper subsurface and eventually to the estimated first water bearing zone, or if it travels horizontally along a less-permeable lithologic layer and exits the hillslope to the north of the drain field, eventually entering the streams that drain to Colvos Passage.

A hydrogeologic study is being proposed to evaluate the top 20-30 feet of strata beneath the drip field to better estimate the movement of the effluent. This will be performed by drilling a series of bore holes around the drip field. Drilling 20-30 feet can likely be done without damaging the drip field. In the event that water or a potentially water-bearing zone is encountered during the field investigation, the permittee may install monitoring wells within this zone.

All conditions of the state permit issued on October 31, 2005, will still apply, except as indicated by the changes detailed in this permit modification.

PUBLIC NOTICES

The proposed changes in this permit were published for a thirty (30)-day public review and comment period as per the Department's policy. A Public Notice of Modification (PNOM) was published on September 29, 2006, in the *Seattle Times/Post-Intelligencer* to inform the public that draft modifications to the permit and the fact sheet are available for

review. Interested persons were invited to submit written comments regarding the draft modifications. The draft modifications to the permit and fact sheet were available for inspection and copying between the hours of 8:00 am and 5:00 pm weekdays, by appointment, at the regional office listed below.

Water Quality Permit Coordinator
Department of Ecology
Northwest Regional Office
3190 160th Avenue SE
Bellevue, WA 98008-5452

No comments were received during the thirty-day public comment period that ended on October 31, 2006.

Further information may be obtained from the Department by telephone, (425) 649-7201, or by writing to the address above. The modifications to the permit and the fact sheet were written by Alison Evans.

RESPONSIVENESS SUMMARY TO PERMIT MODIFICATION

No comments were received during the thirty-day public comment period.