

Exhibit No. _____ (DMP-7)
Docket No. UW-060343
Witness: Derek M. Pell

**BEFORE THE WASHINGTON UTILITIES AND TRANSPORTATION
COMMISSION**

**WASHINGTON UTILITIES AND
TRANSPORTATION COMMISSION,**

Complainant,

v.

ILIAD WATER SERVICE, INC.,

Respondent.

DOCKET NO. UW-060343

**EXHIBIT TO
RESPONSE TESTIMONY OF**

DEREK M. PELL
Assistant Manager, NW Office of Drinking Water
Washington State Department of Health

**ON BEHALF OF STAFF OF
WASHINGTON UTILITIES AND
TRANSPORTATION COMMISSION**

Letter dated January 18, 2001 from DOH to David Dorland

October 4, 2006



STATE OF WASHINGTON
DEPARTMENT OF HEALTH

20435 72nd Ave. S., Suite 200, K17-12 • Kent, Washington 98032-2358

January 18, 2001

DAVE DORLAND
ALDBER LAKE WATER SYSTEM
PO BOX 20429
SEATTLE WA 98102

Subject: Alder Lake Water System (ID#26995H) Pierce County
Deepening of South Well (SO1)- 103', 40gpm

Dear Mr. Dorland:

Thank you for your very timely response in addressing the failure of the wells serving the Alder Lake water system. This letter is written in response to your letter and supporting information (received on January 17, 2001) requesting Department of Health approval to place the deepened south well (SO1) back on line.

I have reviewed the information and hereby acknowledge that the deepened well remains within the same aquifer as the original well. I have no objections to immediately returning the well to service.

It is noted that well logs and water quality results presented suggest that both the existing north well (SO2) and the deepened south well (SO1) continue to draw from the same aquifer. I have forwarded a copy of the deepened well log to the Department of Ecology and have received their concurrence that no change to the existing water right is required (telephone conversation with Deb Hunemuller on January 18th).

Because both wells draw from the same aquifer and that the aquifer is clearly affected by the lowering of Alder Lake, both wells are considered in "hydraulic connection" with Alder Lake. As such, the wells must be disinfected to achieve a minimum CT of 6 and sampling for microscopic particulate analysis (MPA) must be completed to determine whether the aquifer is "directly influenced" by surface water. I understand that MPA sampling is scheduled for February 26, 2001.

Please reply to this letter with a schedule for your engineer to submit a project report and construction documents for the design of the disinfection facilities.

Please continue to collect 5 routine coliform bacteria samples per month from representative locations in the distribution system as noted in my December 19th letter. Sampling may be reduced back to 1 routine sample per month after the deepened well has been on line for at least 1 month and the 5 routine samples show satisfactory results.



Alder Lake Water System

January 18, 2001

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Please give me a call at (253) 395-6763 if you have any questions or concerns.

Sincerely,

A handwritten signature in black ink that reads "Derek M. Pell". The signature is written in a cursive style with a large, looped initial "D".

Derek M Pell, PE
Regional Engineer
NW Drinking Water Operations

cc: Tacoma Pierce County Health Department
Carol Stuckey, Coliform Program - DOH
Jim Nilson, GWI Program- DOH