

Exhibit No. _____ (DMP-9)

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 November 5, 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

November 5, 2001

DAVE DORLAND
ALDER LAKE WATER SYSTEM
PO BOX 20429
SEATTLE, WA 98102

Subject: Alder Lake Water System (ID#26995H) Pierce County
Groundwater Under the Direct Influence of Surface Water (GWI) Determination
2nd MPA Result for Well #1 (S01) and Well #2 (S02) – Sources Not GWI
Hydraulic Connection – Disinfection CT=6 Required

Dear Mr. Dorland:

The Department has completed its review of the second set of Microscopic Particulate Analyses (MPA) results for samples collected from well #1 and #2. The results are summarized below:

Source	MPA Sample Date	MPA Result
Well #1 (south, deepened, S01)	4/7/01	0 - Low Risk
Well #1 (south, deepened, S01)	8/7/01	4 - Low Risk
Well #2 (north, not deepened, S02)	5/8/01	0 - Low Risk
Well #2 (north, not deepened, S02)	8/7/01	4 - Low Risk

(These samples were analyzed by Udder Health System laboratory using EPA Consensus Method.)

According to the MPA Protocols that have been developed for the Department to make GWI determinations, sources that exhibit low risk characteristics for two consecutive MPA samples are NOT considered to be under the direct influence of surface water. Therefore, at the present time, well #1 (S01) and well #2 (S02) are not considered directly influenced by surface water. [Note that the Department may re-evaluate these sources in the future should either the conditions affecting the water quality of the source change or the regulatory approach to determining the influence of surface water upon ground water be modified].

Nevertheless, as we saw with the drying up of the wells due to the dramatic lowering of the lake level earlier this year, the wells are clearly in hydraulic connection to the lake. As such, the wells must be disinfected to a CT of 6 prior to the first service connection in accordance with WAC 246-290-451 (reference my letter to you dated December 19, 2000).



Alder Lake Water System

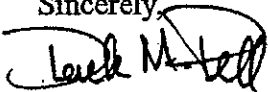
November 5, 2001

Page 2

On May 30, 2001 I received a design report from Western Engineers Inc. for the disinfection facilities. On June 27, 2001 I sent a letter with my review comments to you with a copy to your engineer. To date, I have not received a reply. The Department of Health considers disinfection of these wells a high public health priority. Please, within the next week, respond in writing with a schedule for completion of the review process and installation of these facilities.

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

Sincerely,



Derek M. Pell, P.E.

Regional Engineer

NW Drinking Water Operations

cc: Tacoma Pierce County Health Department
John McDonnell, PE – Western Engineers Inc.
Jim Nilson, DOH
Sam Perry, DOH
GWI file