

Exhibit No. _____ (DMP-12)

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**

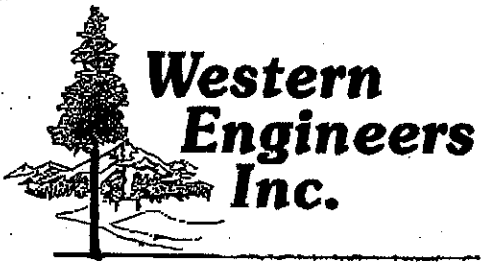
DEREK M. PELL

**Assistant Manager, NW Office of Drinking Water
Washington State Department of Health**

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

*Letter dated December 14, 2001 from Western Engineers, Inc.
(John C. McDonnell, P.E.) to Derek M. Pell, DOH*

October 4, 2006



SURVEYORS • PLANNERS • ENGINEERS

December 14, 2001

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Mr. Derrick Pell, PE
Washington Department of Health
Northwest Drinking Water Operations
20435 72nd Avenue S., Suite 200, K17-12
Kent, WA. 98032-2358

Re.: Chlorination System Design for Alder Lake, ID # 26995 H

Dear Mr. Pell,

Please find a revised plan addressing the required changes to the chlorine system Design for the Alder Lake Water System. We have addressed your concerns in the following manner:

1. A dedicated inlet has been designed through the backside of the storage tank. A 3" pipe will be cored into the tank wall below existing grade with a 3" inflow riser located inside the tank. The riser will discharge above the water surface elevation to permit aeration of the water as it arrives.
2. One additional chlorine feed pump has been specified on the plan. Each of the two proportional feed pumps will be connected by circuitry to one of the respective well pumps. Each chlorine pump will activate when the connected well pump activates assuring that if both pumps are operating in the emergency condition sufficient chlorine will be added to assure disinfection.
3. The force main material will be 3" HDPE, SDR 17 instead of PVC and shall be NSF approved for potable water. Plan notes have been clarified.
4. Check valves shall be added in the pump house to assure that the force main remains pressurized at all times. A pressure gage is provided in the well house FM plumbing to allow monitoring for pressure loss.

Please let me know if you have any further comments.

Sincerely,


John C. McDonnell, MS, PE
Project Engineer

cc. Iliad, Inc.

RECEIVED

DEC 19 2001

NW DRINKING WATER