POST INSPECTION MEMORANDUM

Date: May 21, 2003

Operator Inspected:

Terasen Pipelines Opid: 9585 Region: Western
Suite 2700, Stock Exchange Tower
300 5th Avenue S.W.
Calgary, AB T2P 5J2

Unit Inspected: Terasen Pipelines(Puget Sound) Corporation Unit ID. 285
Unit Type: Interstate Liquids
Inspection Type: Specialized
Record Location: Laurel Station
Inspection Dates: 5/13/03-5/15/03
AFOD: 3
Contact: Patrick Davis, Supervisor
Phone: (306) 398-1541 Fax: (306) 398-7432 Emergency: 1-888-876-6711

Unit Description: U.S. border to Laurel Station, Laurel Station to Ferndale, Laurel Station to Anacortes

Facilities Inspected: The sections hydrostatically tested were U.S. border to Laurel Station and Laurel Station to Ferndale

Persons Interviewed: Patrick Davis Supervisor
Rob Haden Technical Services Group Leader

Probable Violations/Concerns: None

Comments: Terasen conducted two successful hydrostatic tests. The first section covered was the U.S border to Laurel Station. The second section covered was Laurel Station to Ferndale. Terasen plans to include the test as part of their integrity management program. Both tests were 8 hour test which comprised of a 4 hour strength test at 125% of MOP and a 4 hour leak test at 110% of MOP. The MOP is 840 psig. The first test started at 8:30 a.m. on May 14, 2003. This test showed no pressure reduction from the initial test pressure of 1050 psig during the test. The second test started at
9:30 p.m. on May 14, 2003. This test showed a 2 psig drop in pressure that was accompanied by a 20 degree Fahrenheit drop in ambient temperature. The pressure went back up 2 psig by the end of the test. Strength test pressure for the second test was 1326.2 psig. Teresan incorporated many proactive practices during the planning and actual testing. These included public awareness campaigns consisting of meetings with local government and local press. An open house was also conducted prior to the test date. Land owners were given the option of staying overnight at a local hotel at Teresan’s expense. Warning tape was placed on the right-of-way to warn the public of testing activities. Several right-of-way crews were stationed along the pipeline during testing to monitor local conditions. Helicopter over flights were conducted at regular intervals during day testing. Emergency response equipment was deployed at strategic locations. Mainline block valves were closed to 95%. Milbar from Shreveport Louisiana was the contractor hired by Teresan to perform the hydrostatic test. Teresan also brought 30 people from Canada to aid in monitoring the pipeline right-of-way. Calibration records for test gauges were checked and determined to be properly maintained by Milbar.

**Recommendations:** None

**Attachments:** None