



Puget Sound Energy
P.O. Box 97034
Bellevue, WA 98009-9734
PSE.com

March 27th, 2015

Washington Utilities & Transportation Commission
Pipeline Safety Section
1300 S. Evergreen Park Drive S.W.
PO Box 47250
Olympia, WA 98504-7250

Attn: Dave Lykken, Pipeline Safety Director

Subject: Wrapped Steel Services Assessment Program Annual Status (Docket PG-041624)

Dear Mr. Lykken,

Pursuant to Docket PG-041624 (Wrapped Steel Services Assessment Program Second Settlement Agreement (WSSAP)), Puget Sound Energy (PSE) is providing an Annual Status Report for the WSSAP Program. This status report includes information on WSSAP Service Mitigation as of December 31, 2014, WSSAP Service Mitigation Plan for 2015, and the Leak Status Report for 2014.

The following is a brief summary of each of the attachments.

WSSAP Mitigation as of December 31, 2014:

This table shows the number of services mitigated through the WSSAP Program through 2014 by mitigation category as well as the number of services mitigated through other activities such as main replacement, system upgrades, main relocations due to public improvement activities, service retirements, additional records review, and other maintenance activities.

As indicated in this table, PSE mitigated all Priority Replacement services by December 31, 2014 and all but one Scheduled Replacement service. Due to permitting issues the one remaining Scheduled Replacement service will be mitigated in 2015.

WSSAP Mitigation Plan for 2015:

This table shows the number of Priority and Scheduled Replacement services from the 2014 model run remaining to be mitigated as of January 1, 2015. PSE is targeting to mitigate all remaining Priority Replacement services and approximately 45 Scheduled Replacement services in 2015. The remaining Scheduled Replacements are planned to be mitigated by the end of 2016.

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Leak Status Report for 2014:

The leak status report for 2014 shows the active leaks as well as the repaired leaks by cause for each mitigation category. It also shows that the number of leaks discovered on services in each of the mitigation categories since the program began in 2007. In 2014, there were no services with an active leak or a leak repaired in both the Priority and Scheduled Replacement categories. There was a slight increase in the percent of leaks discovered for the Standard Mitigation category. However, the number remained lower than the first 3 years of the program. The percent of leaks discovered in the Increased Leak Survey category remain the same as 2013.

The WSSAP program is included in PSE's Distribution Integrity Management Program (DIMP) as well as PSE's Pipeline Replacement Program Plan (PRP Plan). In accordance with the WSSAP program, PSE will replace Priority and Scheduled replacement services identified by the annual model run. As indicated in the PRP Plan, PSE will also replace WSSAP vintage services with an elevated risk based on continual improvement of risk knowledge.

If you have any questions regarding this report, please contact me at 425-462-3923.

Sincerely,

A handwritten signature in black ink that reads 'Stephanie Silva'. The signature is written in a cursive, flowing style.

Stephanie Silva
Compliance Program Manager



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WSSAP Mitigation as of December 31, 2014

Mitigation Category	2013 Model Results	Remaining as of January 1, 2014	Mitigated Through WSSAP	Other Mitigation	Total Mitigation	Remaining in Category	Pending Mitigation
Priority Replacement	36	20	19	1	20	0	0
Scheduled Replacement	187	62	61	0	61	1	1
Increased Leak Survey	22,281	NA	1	143	144	22,137	NA
Standard Mitigation	66,724	NA	1	1	2	66,722	NA
Subtotal	89,228	82	82	145	227	88,860	1

* Due to permitting issues the one remaining Scheduled Replacement service will be mitigated in 2015.



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WSSAP Mitigation Plan for 2015

Mitigation Category	2014 Model Results	Remaining as of January 1, 2015	2015 Target
Priority	24	11	11
Scheduled Replacement	390	98	45
Increased Leak Survey	21,959	NA	NA
Standard Mitigation	66,334	NA	NA
Subtotal	88,707	109	56



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Leak Status Report for 2014 --

% of services with leaks discovered

Mitigation Category	# Active Leaks	# Repaired Leaks by Cause	# Leaks Discovered in 2014	2014	2013	2012	2011	2010	2009	2008	2007
Priority	0	0	0	0	1.41%	0	0	0	2.83%	8.3%	0.97%
Scheduled Replacement	0	0	0	0	0.47%	0	0	0	0.47%	0.26%	0.53%
Increased Leak Survey	3	3 - Excavation 3 - Corrosion 9 - Material or Welds 2 - Other 1 - Equipment 1 - Outside Force Damage 4 - Non exposed pipe 23 - Total	28	0.12%	0.12%	0.07%	0.12%	0.09%	0.2%	0.13%	0.41%
Standard Mitigation	5	1 - Outside Force Damage 11 - Corrosion 8 - Excavation 5 - Equipment 5 - Material or Welds 1 - Other 2 - Non exposed pipe 33 - Total	38	0.06%	0.05%	0.04%	0.05%	0.07%	0.10%	0.07%	0.19%