

Inspection Output (IOR)

Generated on 2017.6.20 17:26

Inspection Information

Inspection Name	2017 PSE TIMP Program Review Intrastate	Operator(s)	PUGET SOUND ENERGY (22189)	Plan Submitted	05/18/2017
		Lead	David Cullom	Plan Approval	05/18/2017 by Joe Subsits
		Supervisor	Joe Subsits	All Activity Start	06/12/2017
Status	PLANNED	Director	Sean Mayo	All Activity End	06/15/2017
Start Year	2017			Inspection Submitted	--
System Type	GT			Inspection Approval	--
Protocol Set ID	GT.2017.01				

Inspection Summary

This inspection occurred June 14-15, 2017 and consisted of a plan and procedure review, and anomaly dig record verifications. The AFO days were 2. No areas of concern or probable violations were noted.

PSE's Annual TIMP Report contained the following information and updates on past year's assessments

PSE operates 8.2 miles within the distribution system

2016 Integrity Assessments

North Midway. An External Corrosion Direct Assessment (ECDA) reassessment was performed on the eastern most HCA and one indication was identified. The coating was found damaged by tree roots, but no corrosion was present. The coating damage was remediated.

Olympia. A Confirmatory Direct Assessment (CDA) reassessment was performed on all three HCAs and thirteen indications were identified. Two indications were chosen for direct examination. Coating damage was discovered at both locations, but no corrosion was present. The coating damage was remediated.

2016 Transmission System Updates

A study was conducted in 2016 to determine which specific pipes and fittings within each transmission station are actually classified as transmission. The study concluded that the May Valley Gate Station did not contain any transmission facilities and therefore has been removed from the transmission station

list.

Scope (Assets)

#	Short Label	Long Label	Asset Type	Asset IDs	Excluded Topics	Planned	Required	Inspected	Total % Complete
1.	Intrastate TIMP	Intrastate TIMP	other	--	--	97	97	97	100.0%

a. Percent completion excludes unanswered questions planned as "always observe".

Plans

#	Plan Assets	Focus Directives	Involved Groups/Subgroups	Qst Type(s)	Extent	Notes
1.	Intrastate TIMP,	n/a	IM	P, R, O, S	Detail	
2.	Intrastate TIMP	n/a	AR.EC	P, R, O, S	Detail	
3.	Intrastate TIMP	n/a	AR.CDA	P, R, O, S	Detail	

Plan Implementations

#	Activity Name	SMAR T Act#	Start Date End Date	Focus Directives	Involved Groups/Subgroups	Qst Asset Type(s)	Planned	Required	Inspected	Total % Complete
1	Intrastate TIMP Plan Review	--	06/12/2017 06/15/2017	n/a	all planned questions	all assets all types	97	97	97	100.0%

a. Since questions may be implemented in multiple activities, but answered only once, questions may be represented more than once in this table.

b. Percent completion excludes unanswered questions planned as "always observe".

Forms

No.	Entity	Form Name	Status	Date Completed	Activity Name	Asset
1.	Attendance List	Intrastate TIMP Plan Review	COMPLETED	06/20/2017	Intrastate TIMP Plan Review	--

Results (all values, 97 results)

113 (instead of 97) results are listed due to re-presentation of questions in more than one sub-group.

AR.CDA: Confirmatory Direct Assessment

1. Question Result, ID, References	Sat, AR.CDA.CDAREVQUAL.P, 192.915(a) (192.915(b))
Question Text	Does the process require that operator/vendor personnel (including supervisors) who review and evaluate CDA assessment results meet appropriate training, experience, and qualification criteria?
Assets Covered	Intrastate TIMP
Result Notes	PSE's corrosion engineers conduct the survey using DCVG. They have criteria for how large an anomaly is on whether or not they dig it. The TIMP plan in section 6.4.1. CTS IM 3000 for Indirect and 3001 for Direct.
2. Question Result, ID, References	Sat, AR.CDA.CDAREVQUAL.R, 192.947(h) (192.915(a);192.915(b))

Question Text	<i>Do records demonstrate that operator/vendor personnel, including supervisors, who conduct assessments or review assessment results, are qualified for the tasks they perform?</i>
Assets Covered	Intrastate TIMP
Result Notes	Michelle and Alan Mulkey conduct the assessments and evaluate the results.
3. Question Result, ID, References	Sat, AR.CDA.CDAREVQUAL.O, 192.915(a) (192.915(b))
Question Text	<i>From the observation of selected integrity assessments, are operator and vendor personnel, including supervisors, who conduct assessments or review assessment results, qualified for the tasks they perform?</i>
Assets Covered	Intrastate TIMP
Result Notes	They do not use vendors for result evaluations.
4. Question Result, ID, References	Sat, AR.CDA.CDAPLAN.P, 192.931(a) (192.931(b);192.931(c);192.931(d))
Question Text	<i>Is an adequate Confirmatory Direct Assessment Plan in place?</i>
Assets Covered	Intrastate TIMP
Result Notes	They span no longer than seven years This is located in Section 4 for DIMP Appendix H,
5. Question Result, ID, References	Sat, AR.CDA.CDAEXTCORR.R, 192.947(h) (192.931(b))
Question Text	<i>Do records indicate that the external corrosion plan was properly implemented?</i>
Assets Covered	Intrastate TIMP
Result Notes	The results are summarized in the Annual Report. We looked at Lynnwood 2015. They do a pre-assessment, indirect inspection, direct examination, and post assessment. The post assessment found a "monitored" condition. They did a direct examination found that no corrosion was present and kept the assessment at seven years.
6. Question Result, ID, References	NA, AR.IL.ILCORR.R, 192.933 (192.917(e)(5)) (also presented in: AR.EC, AR.IC, AR.IL, AR.LSR, AR.OT, AR.PTI, AR.SCC, IM.PM)
Question Text	<i>Do records demonstrate that required actions are being taken to address significant corrosion threats as required?</i>
Assets Covered	Intrastate TIMP
Result Notes	This is in Section 9 Pg 218 of the 2016 plan. This is "SAT" for ECDA and "NA" for all others that they do not use. This repeated question "AR.IL.ILCORR.P" only allows one note to be used for ICDA,EDCA,SCCDA, and "Other"
7. Question Result, ID, References	NA, AR.CDA.CDAINTCORR.R, 192.947(h) (192.931(c))
Question Text	<i>Do records demonstrate that the internal corrosion plan was properly implemented?</i>
Assets Covered	Intrastate TIMP
Result Notes	They are not using ICDA currently, but have added it to the newest version of the plan.
8. Question Result, ID, References	Sat, AR.CDA.CDAINDICATION.R, 192.947(h) (192.931(d))
Question Text	<i>Do records demonstrate that the next assessment should have been accelerated?</i>
Assets Covered	Intrastate TIMP
Result Notes	No examples noted requiring accelerated assessments.

9. Question Result, ID, References	NA, AR.IL.ILCORR.P, 192.933 (192.917(e)(5)) (also presented in: AR.EC, AR.IC, AR.IL, AR.LSR, AR.OT, AR.PTI, AR.SCC, IM.PM)
Question Text	<i>Does the process adequately account for taking required actions to address significant corrosion threats?</i>
Assets Covered	Intrastate TIMP
Result Notes	This is in Section 9 Pg 218 of the 2016 plan. This is "SAT" for ECDA and "NA" for all others that they do not use. This repeated question "AR.IL.ILCORR.P" only allows one note to be used for ICDA,EDCA,SCCDA, and "Other"

AR.EC: External Corrosion Direct Assessment (ECDA)

10. Question Result, ID, References	Sat, AR.EC.ECDAREVQUAL.P, 192.915(a) (192.915(b))
Question Text	<i>Does the process require that operator/vendor personnel (including supervisors) who review and evaluate ECDA assessment results meet appropriate training, experience, and qualification criteria?</i>
Assets Covered	Intrastate TIMP
Result Notes	This is covered in the TIMP Plan Section 6.
11. Question Result, ID, References	Sat, AR.EC.ECDAPREASSESS.R, 192.947(g) (192.925(b)(1))
Question Text	<i>Do records demonstrate that the ECDA pre-assessment process complied with NACE SP0502-2010 Section 3 and 192.925(b)(1)?</i>
Assets Covered	Intrastate TIMP
Result Notes	The procedure is in Appendix H Section 3 and records indicate the operator complied with SP-0502-2010 Section 3
12. Question Result, ID, References	Sat, AR.EC.ECDAREVQUAL.R, 192.947(g) (192.915(a);192.915(b))
Question Text	<i>Do records demonstrate that operator/vendor personnel, including supervisors, who conduct ECDA assessments or review and analyze assessment results are qualified for the tasks they perform?</i>
Assets Covered	Intrastate TIMP
Result Notes	This is the same for CDA and EDCA "Yes" I reviewed PSE's Corrosion Engineers' OQ records..
13. Question Result, ID, References	Sat, AR.EC.ECDAREVQUAL.O, 192.915(a) (192.915(b))
Question Text	<i>From the observation of selected integrity assessments, are operator and vendor personnel, including supervisors, who conduct assessments or review assessment results, qualified for the tasks they perform?</i>
Assets Covered	Intrastate TIMP
Result Notes	I have verified qualifications for Michelle G. and Alan M and have reviewed field analyses in the past.
14. Question Result, ID, References	Sat, AR.EC.ECDAPLAN.P, 192.925(a) (192.925(b))
Question Text	<i>Is an adequate ECDA plan and process in place for conducting ECDA?</i>
Assets Covered	Intrastate TIMP
Result Notes	This is contained in Appendix H
15. Question Result, ID, References	Sat, AR.EC.ECDAINTEGRATION.P, 192.917(b) (ASME B31.8S-2004 Section 4.5)
Question Text	<i>Is the process for integrating ECDA results with other information adequate?</i>
Assets Covered	Intrastate TIMP
Result Notes	The risk model updates, EPCRs, leaks, corrosion, leak survey information is integrated with the complementary direct assessment tools.

16. Question Result, ID, References	Sat, AR.EC.ECDAINTEGRATION.R, 192.947(g) (192.917(b))
Question Text	<i>Do records demonstrate that the operator integrated other data/information when evaluating data/results?</i>
Assets Covered	Intrastate TIMP
Result Notes	The DCVG and CIS data is aligned and then the data is combined by a data vendor so the Corrosion Engineers can determine anomaly locations and schedule digs if needed. I reviewed several
17. Question Result, ID, References	Sat, AR.EC.ECDAREGION.R, 192.947(g) (192.925(b)(1))
Question Text	<i>Do records demonstrate that the operator identified ECDA Regions?</i>
Assets Covered	Intrastate TIMP
Result Notes	The region identification forms contain this information.
18. Question Result, ID, References	NA, AR.IL.ILCORR.R, 192.933 (192.917(e)(5)) (also presented in: AR.CDA, AR.IC, AR.IL, AR.LSR, AR.OT, AR.PTI, AR.SCC, IM.PM)
Question Text	<i>Do records demonstrate that required actions are being taken to address significant corrosion threats as required?</i>
Assets Covered	Intrastate TIMP
Result Notes	This is in Section 9 Pg 218 of the 2016 plan. This is "SAT" for ECDA and "NA" for all others that they do not use. This repeated question "AR.IL.ILCORR.P" only allows one note to be used for ICDA,EDCA,SCCDA, and "Other"
19. Question Result, ID, References	Sat, AR.EC.ECDAINDIRECT.R, 192.947(g) (192.925(b)(2))
Question Text	<i>Do records demonstrate that ECDA indirect inspection process complied with NACE SP 0502-2010 Section 4 and ASME B31.8S-2004, Section 6.4?</i>
Assets Covered	Intrastate TIMP
Result Notes	They have procedures for DCVG CIS and AC Attenuation. The records reviewed showed that complementary tools were utilized for ECDA (DCVG and CIS)
20. Question Result, ID, References	Sat, AR.EC.ECDADIRECT.R, 192.947(g) (192.925(b)(3))
Question Text	<i>Do records demonstrate that excavations, direct examinations, and data collection were performed in accordance with NACE SP 0502-2010, Sections 5 and 6.4.2 and ASME B31.8S-2004, Section 6.4?</i>
Assets Covered	Intrastate TIMP
Result Notes	We looked at the Olympia 6630 Troon Ln and the validation dig 4347 Prestiwck Ln Olympia
21. Question Result, ID, References	Sat, AR.EC.ECDADIRECT.O, 192.925(b)(3)
Question Text	<i>Were ECDA direct examinations adequately conducted?</i>
Assets Covered	Intrastate TIMP
Result Notes	There were no issues with the project files and assessments I reviewed.
22. Question Result, ID, References	Sat, AR.EC.ECDAANALYSIS.R, 192.947(g) (192.925(b)(4);192.933(b))
Question Text	<i>Do records demonstrate that an analysis of the ECDA data and other information was adequate to identify areas where external corrosion activity is most likely?</i>
Assets Covered	Intrastate TIMP

Result Notes	There were no issues with the project files and assessments I reviewed.
23. Question Result, ID, References	Sat, AR.EC.ECDAPLANMOC.P, 192.947(g) (192.925(b)(3)(iii);192.911(k))
Question Text	<i>Have criteria and internal notification processes been established and implemented for any changes in the ECDA plan?</i>
Assets Covered	Intrastate TIMP
Result Notes	The MOC plan is on pg 203 in the 2017 plan.
24. Question Result, ID, References	NA, AR.EC.ECDAPLANMOC.R, 192.947(g) (192.925(b)(3)(iii))
Question Text	<i>Do records demonstrate that changes in the ECDA plan have been implemented and documented?</i>
Assets Covered	Intrastate TIMP
Result Notes	No such event occurred, or condition existed, in the scope of inspection review. It hasn't had any changes
25. Question Result, ID, References	Sat, AR.EC.ECDAPOSTASSESS.R, 192.947(g) (192.925(b)(4))
Question Text	<i>Do records demonstrate that the requirements for post-assessment were met?</i>
Assets Covered	Intrastate TIMP
Result Notes	We looked at the Lynnwood and Olympia post assessment. They use a Root Cause Form. They look at reassessment interval, remaining strength, eval of prioritization and RCA.
26. Question Result, ID, References	NA, AR.IL.ILCORR.P, 192.933 (192.917(e)(5)) (also presented in: AR.CDA, AR.IC, AR.IL, AR.LSR, AR.OT, AR.PTI, AR.SCC, IM.PM)
Question Text	<i>Does the process adequately account for taking required actions to address significant corrosion threats?</i>
Assets Covered	Intrastate TIMP
Result Notes	This is in Section 9 Pg 218 of the 2016 plan. This is "SAT" for ECDA and "NA" for all others that they do not use. This repeated question "AR.IL.ILCORR.P" only allows one note to be used for ICDA,EDCA,SCCDA, and "Other"
27. Question Result, ID, References	NA, AR.EC.ECDAMAOP.R, 192.947(g) (192.620(d)(9)(iii);192.620(d)(10)(i);192.620(d)(10)(iii))
Question Text	<i>If ECDA was performed on segments (as allowed by 192.620(d)(9)(iii)), were all ECDA assessment requirements completed?</i>
Assets Covered	Intrastate TIMP
Result Notes	No such relevant facilities/equipment existed in the scope of inspection review. Not using Alternative MAOP.
28. Question Result, ID, References	NA, AR.EC.ECDAMAOP.O, 192.620(d)(9)(iii) (192.620(d)(10)(i);192.620(d)(10)(iii))
Question Text	<i>If ECDA was performed on segments (as allowed by 192.620(d)(9)(iii)), were all ECDA assessment requirements completed?</i>
Assets Covered	Intrastate TIMP
Result Notes	No such relevant facilities/equipment existed in the scope of inspection review. Not using Alternative MAOP.

AR.IC: Internal Corrosion Direct Assessment (ICDA)

29. Question Result, ID, References	NA, AR.IL.ILCORR.R, 192.933 (192.917(e)(5)) (also presented in: AR.CDA, AR.EC, AR.IL, AR.LSR, AR.OT, AR.PTI, AR.SCC, IM.PM)
Question Text	<i>Do records demonstrate that required actions are being taken to address significant corrosion threats as required?</i>

Assets Covered	Intrastate TIMP
Result Notes	This is in Section 9 Pg 218 of the 2016 plan. This is "SAT" for ECDA and "NA" for all others that they do not use. This repeated question "AR.IL.ILCORR.P" only allows one note to be used for ICDA,EDCA,SCCDA, and "Other"
30. Question Result, ID, References	NA, AR.IL.ILCORR.P, 192.933 (192.917(e)(5)) (also presented in: AR.CDA, AR.EC, AR.IL, AR.LSR, AR.OT, AR.PTI, AR.SCC, IM.PM)
Question Text	<i>Does the process adequately account for taking required actions to address significant corrosion threats?</i>
Assets Covered	Intrastate TIMP
Result Notes	This is in Section 9 Pg 218 of the 2016 plan. This is "SAT" for ECDA and "NA" for all others that they do not use. This repeated question "AR.IL.ILCORR.P" only allows one note to be used for ICDA,EDCA,SCCDA, and "Other"

AR.IL: In-Line Inspection (Smart Pigs)

31. Question Result, ID, References	NA, AR.IL.ILCORR.R, 192.933 (192.917(e)(5)) (also presented in: AR.CDA, AR.EC, AR.IC, AR.LSR, AR.OT, AR.PTI, AR.SCC, IM.PM)
Question Text	<i>Do records demonstrate that required actions are being taken to address significant corrosion threats as required?</i>
Assets Covered	Intrastate TIMP
Result Notes	This is in Section 9 Pg 218 of the 2016 plan. This is "SAT" for ECDA and "NA" for all others that they do not use. This repeated question "AR.IL.ILCORR.P" only allows one note to be used for ICDA,EDCA,SCCDA, and "Other"
32. Question Result, ID, References	NA, AR.IL.ILCORR.P, 192.933 (192.917(e)(5)) (also presented in: AR.CDA, AR.EC, AR.IC, AR.LSR, AR.OT, AR.PTI, AR.SCC, IM.PM)
Question Text	<i>Does the process adequately account for taking required actions to address significant corrosion threats?</i>
Assets Covered	Intrastate TIMP
Result Notes	This is in Section 9 Pg 218 of the 2016 plan. This is "SAT" for ECDA and "NA" for all others that they do not use. This repeated question "AR.IL.ILCORR.P" only allows one note to be used for ICDA,EDCA,SCCDA, and "Other"

AR.LSR: Low Stress Reassessment

33. Question Result, ID, References	NA, AR.IL.ILCORR.R, 192.933 (192.917(e)(5)) (also presented in: AR.CDA, AR.EC, AR.IC, AR.IL, AR.OT, AR.PTI, AR.SCC, IM.PM)
Question Text	<i>Do records demonstrate that required actions are being taken to address significant corrosion threats as required?</i>
Assets Covered	Intrastate TIMP
Result Notes	This is in Section 9 Pg 218 of the 2016 plan. This is "SAT" for ECDA and "NA" for all others that they do not use. This repeated question "AR.IL.ILCORR.P" only allows one note to be used for ICDA,EDCA,SCCDA, and "Other"
34. Question Result, ID, References	NA, AR.IL.ILCORR.P, 192.933 (192.917(e)(5)) (also presented in: AR.CDA, AR.EC, AR.IC, AR.IL, AR.OT, AR.PTI, AR.SCC, IM.PM)
Question Text	<i>Does the process adequately account for taking required actions to address significant corrosion threats?</i>
Assets Covered	Intrastate TIMP
Result Notes	This is in Section 9 Pg 218 of the 2016 plan. This is "SAT" for ECDA and "NA" for all others that they do not use. This repeated question "AR.IL.ILCORR.P" only allows one note to be used for ICDA,EDCA,SCCDA, and "Other"

AR.OT: Other Technology

35. Question Result, ID, References	NA, AR.IL.ILCORR.R, 192.933 (192.917(e)(5)) (also presented in: AR.CDA, AR.EC, AR.IC, AR.IL, AR.LSR, AR.PTI, AR.SCC, IM.PM)
Question Text	<i>Do records demonstrate that required actions are being taken to address significant corrosion threats as required?</i>
Assets Covered	Intrastate TIMP
Result Notes	This is in Section 9 Pg 218 of the 2016 plan. This is "SAT" for ECDA and "NA" for all others that they do not use. This repeated question "AR.IL.ILCORR.P" only allows one note to be used for ICDA,EDCA,SCCDA, and "Other"
36. Question Result, ID, References	NA, AR.IL.ILCORR.P, 192.933 (192.917(e)(5)) (also presented in: AR.CDA, AR.EC, AR.IC, AR.IL, AR.LSR, AR.PTI, AR.SCC, IM.PM)
Question Text	<i>Does the process adequately account for taking required actions to address significant corrosion threats?</i>
Assets Covered	Intrastate TIMP
Result Notes	This is in Section 9 Pg 218 of the 2016 plan. This is "SAT" for ECDA and "NA" for all others that they do not use. This repeated question "AR.IL.ILCORR.P" only allows one note to be used for ICDA,EDCA,SCCDA, and "Other"

AR.PTI: Integrity Assessment Via Pressure Test

37. Question Result, ID, References	NA, AR.IL.ILCORR.R, 192.933 (192.917(e)(5)) (also presented in: AR.CDA, AR.EC, AR.IC, AR.IL, AR.LSR, AR.OT, AR.SCC, IM.PM)
Question Text	<i>Do records demonstrate that required actions are being taken to address significant corrosion threats as required?</i>
Assets Covered	Intrastate TIMP
Result Notes	This is in Section 9 Pg 218 of the 2016 plan. This is "SAT" for ECDA and "NA" for all others that they do not use. This repeated question "AR.IL.ILCORR.P" only allows one note to be used for ICDA,EDCA,SCCDA, and "Other"
38. Question Result, ID, References	NA, AR.IL.ILCORR.P, 192.933 (192.917(e)(5)) (also presented in: AR.CDA, AR.EC, AR.IC, AR.IL, AR.LSR, AR.OT, AR.SCC, IM.PM)
Question Text	<i>Does the process adequately account for taking required actions to address significant corrosion threats?</i>
Assets Covered	Intrastate TIMP
Result Notes	This is in Section 9 Pg 218 of the 2016 plan. This is "SAT" for ECDA and "NA" for all others that they do not use. This repeated question "AR.IL.ILCORR.P" only allows one note to be used for ICDA,EDCA,SCCDA, and "Other"

AR.SCC: Stress Corrosion Cracking Direct Assessment (SCCDA)

39. Question Result, ID, References	NA, AR.IL.ILCORR.R, 192.933 (192.917(e)(5)) (also presented in: AR.CDA, AR.EC, AR.IC, AR.IL, AR.LSR, AR.OT, AR.PTI, IM.PM)
Question Text	<i>Do records demonstrate that required actions are being taken to address significant corrosion threats as required?</i>
Assets Covered	Intrastate TIMP
Result Notes	This is in Section 9 Pg 218 of the 2016 plan. This is "SAT" for ECDA and "NA" for all others that they do not use. This repeated question "AR.IL.ILCORR.P" only allows one note to be used for ICDA,EDCA,SCCDA, and "Other"
40. Question Result, ID, References	NA, AR.IL.ILCORR.P, 192.933 (192.917(e)(5)) (also presented in: AR.CDA, AR.EC, AR.IC, AR.IL, AR.LSR, AR.OT, AR.PTI, IM.PM)
Question Text	<i>Does the process adequately account for taking required actions to address significant corrosion threats?</i>
Assets Covered	Intrastate TIMP
Result Notes	This is in Section 9 Pg 218 of the 2016 plan. This is "SAT" for ECDA and "NA" for all others that they do not use. This repeated question "AR.IL.ILCORR.P" only allows one note to be used for ICDA,EDCA,SCCDA, and "Other"

IM.BA: Baseline Assessments

41. Question Result, ID, References	Sat, IM.BA.BAENVIRON.P, 192.911(o) (192.919(e))
Question Text	<i>Does the process include requirements for conducting integrity assessments in a manner that minimizes environmental and safety risks?</i>
Assets Covered	Intrastate TIMP
Result Notes	ECDA is Appendix H and It is in Appendix I for the different assessment methods
42. Question Result, ID, References	Sat, IM.BA.BAENVIRON.R, 192.947(d) (192.911(o);192.919(e))
Question Text	<i>Do records demonstrate that integrity assessments have been conducted in a manner that minimizes environmental and safety risks?</i>
Assets Covered	Intrastate TIMP
Result Notes	A filled casing was removed in 2012 and they took steps to ensure the wax was properly disposed of.
43. Question Result, ID, References	Sat, IM.BA.BAMETHODS.P, 192.919(b) (192.921(a);192.921(c);192.921(h))
Question Text	<i>Does the process include requirements for specifying an assessment method(s) that is best suited for identifying anomalies associated with specific threats identified for the covered segment?</i>
Assets Covered	Intrastate TIMP
Result Notes	Appendix I has a table I4.1
44. Question Result, ID, References	Sat, IM.BA.BAMETHODS.R, 192.947(c) (192.919(b);192.921(a);192.921(c);192.921(h))
Question Text	<i>Do records demonstrate that the assessment method(s) specified is best suited for identifying anomalies associated with specific threats identified for the covered segment?</i>
Assets Covered	Intrastate TIMP
Result Notes	The records demonstrating the tools and analyses performed is suitable to evaluate the threats the operator has identified.
45. Question Result, ID, References	Sat, IM.BA.BANEW.P, 192.911(p) (192.905(c);192.921(f);192.921(g))
Question Text	<i>Does the process include requirements for updating the assessment plan for newly identified areas and newly installed pipe?</i>
Assets Covered	Intrastate TIMP
Result Notes	This is in Appendix B Section 7. They have one year to add it to the plan and ten years to do it.
46. Question Result, ID, References	Sat, IM.BA.BANEW.R, 192.947(d) (192.905(c);192.911(p);192.921(f);192.921(g);192.620)
Question Text	<i>Do records demonstrate that the assessment plan has been adequately updated for new HCAs and newly installed pipe?</i>
Assets Covered	Intrastate TIMP
Result Notes	They recently found one on North Midaway - they found a daycare. They found the North Seattle TBS had three more houses. Any new baselines get added into table 5-1 in the annual report.
47. Question Result, ID, References	Sat, IM.BA.BASCHEDULE.P, 192.917(c) (192.919(c);192.921(b))
Question Text	<i>Did the BAP process require a schedule for completing the assessment activities for all covered segments and consideration of applicable risk factors in the prioritization of the schedule?</i>
Assets Covered	Intrastate TIMP
Result Notes	Appendix C in annual report has this info.

48. Question Result, ID, References	Sat, IM.BA.BASCHEDULE.R, 192.947(c) (192.921(d))
Question Text	<i>Do records demonstrate that all BAP required assessments were completed as scheduled?</i>
Assets Covered	Intrastate TIMP
Result Notes	50% were done by 2007 and completed in Dec 2012.
49. Question Result, ID, References	NA, IM.BA.BAENVIRON.O, 192.911(o) (192.919(e))
Question Text	<i>From field observations, are integrity assessments conducted in a manner that minimizes environmental and safety risks?</i>
Assets Covered	Intrastate TIMP
Result Notes	No such activity/condition was observed during the inspection.

IM.CA: Continual Evaluation and Assessment

50. Question Result, ID, References	NA, IM.CA.LOWSTRESSREASSESS.P, 192.941(a) (192.941(b);192.941(c))
Question Text	<i>Does the process include requirements for the "low stress reassessment" method to address threats of external and/or internal corrosion for pipelines operating below 30% SMYS?</i>
Assets Covered	Intrastate TIMP
Result Notes	No such event occurred, or condition existed, in the scope of inspection review. For the 7 seven year they will do the CDA instead. This is discussed in Appendix G Section 5.
51. Question Result, ID, References	NA, IM.CA.LOWSTRESSREASSESS.R, 192.947(d) (192.941(a);192.941(b);192.941(c))
Question Text	<i>Do records demonstrate that the implementation of "low stress reassessment" method to address threats of external and/or internal corrosion is adequate and being performed as required?</i>
Assets Covered	Intrastate TIMP
Result Notes	No such event occurred, or condition existed, in the scope of inspection review.
52. Question Result, ID, References	Sat, IM.CA.PERIODICEVAL.P, 192.937(b) (192.917(a);192.917(b);192.917(c);192.917(d);192.917(e))
Question Text	<i>Does the process include requirements for a periodic evaluation of pipeline integrity based on data integration and risk assessment to identify the threats specific to each covered segment and the risk represented by these threats?</i>
Assets Covered	Intrastate TIMP
Result Notes	Appendix D. TIMP Plan. The results are published in the annual report.
53. Question Result, ID, References	Sat, IM.CA.PERIODICEVAL.R, 192.947(d) (192.917(a);192.917(b);192.917(c);192.917(d);192.917(e);192.937(b))
Question Text	<i>Do records demonstrate that periodic evaluations of pipeline integrity have been performed based on data integration and risk assessment to identify the threats specific to each covered segment and the risk represented by these threats?</i>
Assets Covered	Intrastate TIMP
Result Notes	They use multiple "bands of data" and align it along the HCA segment to find anomalies that one tool or analysis method may not detect by itself.
54. Question Result, ID, References	Sat, IM.CA.REASSESSINTERVAL.P, 192.937(a) (192.939(a);192.939(b);192.913(c))
Question Text	<i>Is the process for establishing the reassessment intervals consistent with 192.939 and ASME B31.8S-2004?</i>
Assets Covered	Intrastate TIMP
Result Notes	They use the 31.8S table that is called G3-1 in the TIMP manual.

55. Question Result, ID, References	Sat, IM.CA.REASSESSINTERVAL.R, 192.947(d) (192.937(a);192.939(a);192.939(b);192.913(c))
Question Text	<i>Do records demonstrate that reassessment intervals were established consistent with the requirements of the operator's processes?</i>
Assets Covered	Intrastate TIMP
Result Notes	They have the schedule in Appendix C. The intervals and assessment dates are also detailed on the TIMP annual report.
56. Question Result, ID, References	Sat, IM.CA.REASSESSMETHOD.P, 192.937(c) (192.931)
Question Text	<i>Is the approach for establishing reassessment method(s) consistent with the requirements in 192.937(c)?</i>
Assets Covered	Intrastate TIMP
Result Notes	Appendix I and TIMP Section Plan 4 contain the methods used.
57. Question Result, ID, References	Sat, IM.CA.REASSESSMETHOD.R, 192.947(d) (192.937(c))
Question Text	<i>Do records document the assessment methods to be used and the rationale for selecting the appropriate assessment method?</i>
Assets Covered	Intrastate TIMP
Result Notes	There is a table that matches the threat to the appropriate Table I4-1
58. Question Result, ID, References	Sat, IM.CA.REASSESSWAIVER.P, 192.943(a) (192.943(b))
Question Text	<i>Does the process include requirements for reassessment interval waivers (special permit per 190.341)?</i>
Assets Covered	Intrastate TIMP
Result Notes	In Appendix 6, but not used
59. Question Result, ID, References	NA, IM.CA.REASSESSWAIVER.R, 192.947(d) (192.943(a);192.943(b))
Question Text	<i>Do records demonstrate that reassessment interval waivers (special permit per 190.341) have been adequately implemented, if applicable?</i>
Assets Covered	Intrastate TIMP
Result Notes	No such event occurred, or condition existed, in the scope of inspection review.
60. Question Result, ID, References	NA, IM.CA.REASSESEXCPERF.P, 192.913(a) (192.913(b);192.913(c))
Question Text	<i>Does the process include requirements for deviations from reassessment requirements based on exceptional performance?</i>
Assets Covered	Intrastate TIMP
Result Notes	No such event occurred, or condition existed, in the scope of inspection review.
61. Question Result, ID, References	NA, IM.CA.REASSESEXCPERF.R, 192.947(d) (192.913(a);192.913(b);192.913(c))
Question Text	<i>Do records demonstrate that deviations from reassessment requirements are based on exceptional performance and have been adequately handled, if applicable?</i>
Assets Covered	Intrastate TIMP
Result Notes	No such event occurred, or condition existed, in the scope of inspection review.

IM.HC: High Consequence Areas

62. Question Result, ID, References	Sat, IM.HC.HCAID.P, 192.905(a)
-------------------------------------	--------------------------------

Question Text	<i>Does the process include the methods defined in 192.903 High Consequence Area (Method 1) and/or 192.903 High Consequence Area (Method 2) to be applied to each pipeline for the identification of high consequence areas?</i>
Assets Covered	Intrastate TIMP
Result Notes	Method 2 is used
63. Question Result, ID, References	Sat, IM.HC.HCAID.R, 192.947(d) (192.905(a);192.907(a);192.911(a))
Question Text	<i>Do records demonstrate that the identification of pipeline segments in high consequence areas was completed in accordance with process requirements?</i>
Assets Covered	Intrastate TIMP
Result Notes	I did not find any pre-field observations or see anything in any GIS data reviewed that would indicate that PSE is lacking in its identification of HCAs at this time.
64. Question Result, ID, References	NA, IM.HC.HCAMETHOD1.P, 192.903(1)(i) (192.903(1)(ii);192.903(1)(iii);192.903(1)(iv))
Question Text	<i>Is the integrity management process adequate for identification of 192.903 High Consequence Areas using Method (1) for identification of HCAs?</i>
Assets Covered	Intrastate TIMP
Result Notes	They use method 2.
65. Question Result, ID, References	Sat, IM.HC.HCAMETHOD2.P, 192.903(2)(i) (192.903(2)(ii))
Question Text	<i>Is the integrity management process adequate for identification of 192.903 High Consequence Areas using Method (2)?</i>
Assets Covered	Intrastate TIMP
Result Notes	It is adequate.
66. Question Result, ID, References	Sat, IM.HC.HCANEW.P, 192.905(c)
Question Text	<i>Does the process include a requirement for evaluation of new information that impacts, or creates a new, high consequence area?</i>
Assets Covered	Intrastate TIMP
Result Notes	Appendix B Section 7.
67. Question Result, ID, References	Sat, IM.HC.HCANEW.R, 192.947(d) (192.905(c))
Question Text	<i>Do records demonstrate new information that impacts, or creates a new, high consequence area has been integrated with the integrity management program?</i>
Assets Covered	Intrastate TIMP
Result Notes	They recently found one on North Midaway - they found a daycare. They found the North Seattle TBS had three more houses. Any new baselines get added into table 5-1 in the annual report.
68. Question Result, ID, References	Sat, IM.HC.HCAPIR.P, 192.903 (192.905(a))
Question Text	<i>Is the process for defining and applying potential impact radius (PIR) for establishment of high consequence areas consistent with the requirements of 192.903?</i>
Assets Covered	Intrastate TIMP
Result Notes	Section 3 - 5 3 is the Method Section 4 is the boundaries Section 5 has the ground patrols, letters, .etc
69. Question Result, ID, References	Sat, IM.HC.HCAPIR.R, 192.947(d) (192.903;192.905(a))
Question Text	<i>Do records demonstrate the use of potential impact radius (PIR) for establishment of high consequence areas consistent with requirements of 192.903?</i>

Assets Covered	Intrastate TIMP
Result Notes	We reviewed maps containing the PIR buffers and the additional steps GFR takes to add a building if it is very near the PIR boundary.
70. Question Result, ID, References	Sat, IM.HC.HCASITES.P, 192.903 (192.905(b))
Question Text	Does the process for identification of identified sites include the sources listed in 192.905(b) for those buildings or outside areas meeting the criteria specified by 192.903 and require the source(s) of information selected to be documented?
Assets Covered	Intrastate TIMP
Result Notes	Figure A-3a has work flow for PIR. Section 5.4 (Appendix B) has the equation.
71. Question Result, ID, References	Sat, IM.HC.HCASITES.R, 192.947(d) (192.903;192.905(b))
Question Text	Do records indicate identification of identified sites being performed as required?
Assets Covered	Intrastate TIMP
Result Notes	Appendix B Table B6-1 In North Midway they added a daycare as an identified site.
72. Question Result, ID, References	NA, IM.HC.HCAMETHOD1.R, 192.947(d) (192.903 (1)(i);192.903(1)(ii);192.903(1)(iii);192.903(1)(iv))
Question Text	Do records demonstrate that identification of 192.903 High Consequence Areas using Method (1) was adequate?
Assets Covered	Intrastate TIMP
Result Notes	No such event occurred, or condition existed, in the scope of inspection review.
73. Question Result, ID, References	Sat, IM.HC.HCAMETHOD2.R, 192.947(d) (192.905(a);192.903(2)(ii))
Question Text	Do records demonstrate that the identification of 192.903 High Consequence Areas using Method (2) was adequate?
Assets Covered	Intrastate TIMP
74. Question Result, ID, References	Sat, IM.HC.HCADATA.O, 192.905(c)
Question Text	Are HCAs correctly identified per up-to-date information?
Assets Covered	Intrastate TIMP
Result Notes	They update photos from counties. EPCRs are entered into the risk model. Dynamic Risk makes the shapefiles and gives them back to PSE.

IM.PM: Preventive and Mitigative Measures

75. Question Result, ID, References	Sat, IM.PM.PMMGENERAL.P, 192.935(a)
Question Text	Does the process include requirements to identify additional measures to prevent a pipeline failure and to mitigate the consequences of a pipeline failure in a high consequence area?
Assets Covered	Intrastate TIMP
Result Notes	Process for selecting (Appendix K Section 3) is in the TIMP
76. Question Result, ID, References	Sat, IM.PM.PMMGENERAL.R, 192.947(d) (192.935(a))
Question Text	Do records demonstrate that additional measures have been identified and implemented (or scheduled) beyond those already required by Part 192 to prevent a pipeline failure and to mitigate the consequences of a pipeline failure in an HCA?
Assets Covered	Intrastate TIMP

Result Notes	Once a year at the PMM meeting, they look at the top threats and decide if additional measures need to implemented. They use a response time exercise and have not had to have a need to install RCVs. Jackson Prairie (Interstate) was not included in the review due to on site personnel.
77. Question Result, ID, References	Sat, IM.PM.PMMTPD.P, 192.917(e)(1) (192.935(b)(1);192.935(e))
Question Text	<i>Does the preventive and mitigative measure process include requirements that threats due to third party damage be addressed?</i>
Assets Covered	Intrastate TIMP
Result Notes	They haven't added much more than the regular damage prevention and third party activities, but they have addressed potential measures.
78. Question Result, ID, References	Sat, IM.PM.PMMTPD.R, 192.947(d) (192.917(e)(1);192.935(b)(1);192.935(e))
Question Text	<i>Do records demonstrate that preventive & mitigative measures have been implemented regarding threats due to third party damage as required by the process?</i>
Assets Covered	Intrastate TIMP
Result Notes	Excavation is a covered task. All new construction is a covered task.
79. Question Result, ID, References	Sat, IM.PM.PMMREVQUAL.P, 192.915(c)
Question Text	<i>Does the process require that persons who implement preventive and mitigative measures or directly supervise excavation work be qualified?</i>
Assets Covered	Intrastate TIMP
Result Notes	Appendix C Section 6 6.3.1 The transmission supervisors have been all trained.
80. Question Result, ID, References	Sat, IM.PM.PMMREVQUAL.R, 192.947(e) (192.915(c))
Question Text	<i>Do records demonstrate that personnel who implement preventive and mitigative measures or directly supervise excavation work are qualified?</i>
Assets Covered	Intrastate TIMP
Result Notes	The training records from June 7, 2017 IMP Management Training and sign in roster was reviewed.
81. Question Result, ID, References	NA, AR.IL.ILCORR.R, 192.933 (192.917(e)(5)) (also presented in: AR.CDA, AR.EC, AR.IC, AR.IL, AR.LSR, AR.OT, AR.PTI, AR.SCC)
Question Text	<i>Do records demonstrate that required actions are being taken to address significant corrosion threats as required?</i>
Assets Covered	Intrastate TIMP
Result Notes	This is in Section 9 Pg 218 of the 2016 plan. This is "SAT" for ECDA and "NA" for all others that they do not use. This repeated question "AR.IL.ILCORR.P" only allows one note to be used for ICDA,EDCA,SCCDA, and "Other"
82. Question Result, ID, References	Sat, IM.PM.PMMTPDSMYS.P, 192.935(d) (192.935(e);192 Appendix E Table E.II.1)
Question Text	<i>Does the process include requirements for preventive and mitigative measures for pipelines operating below 30% SMYS?</i>
Assets Covered	Intrastate TIMP
Result Notes	Appendix 3 is the process and Section 7
83. Question Result, ID, References	Sat, IM.PM.PMMTPDSMYS.R, 192.947(d) (192.935(d);192.935(e);192 Appendix E Table E.II.1)
Question Text	<i>Do records demonstrate that preventive and mitigative measures for pipelines operating below 30% SMYS are being performed as required?</i>
Assets Covered	Intrastate TIMP

Result Notes	Operation records are reviewed during the transmission internal audits. Records are being maintained for the TIMP program for the life of the pipeline.
84. Question Result, ID, References	Sat, IM.PM.PMMOF.P, 192.935(b)(2)
Question Text	<i>Does the process adequately address significant threats due to outside force (e.g., earth movement, floods, unstable suspension bridge)?</i>
Assets Covered	Intrastate TIMP
Result Notes	Appendix K Section 3 and 8 Section 3 has the measures.
85. Question Result, ID, References	NA, IM.PM.PMMOF.R, 192.947(d) (192.935(b)(2))
Question Text	<i>Do records demonstrate that significant threats due to outside force (e.g., earth movement, floods, unstable suspension bridge) are being adequately addressed?</i>
Assets Covered	Intrastate TIMP
Result Notes	No transmission in slide areas, bridges, or flood areas.
86. Question Result, ID, References	NA, AR.IL.ILCORR.P, 192.933 (192.917(e)(5)) (also presented in: AR.CDA, AR.EC, AR.IC, AR.IL, AR.LSR, AR.OT, AR.PTI, AR.SCC)
Question Text	<i>Does the process adequately account for taking required actions to address significant corrosion threats?</i>
Assets Covered	Intrastate TIMP
Result Notes	This is in Section 9 Pg 218 of the 2016 plan. This is "SAT" for ECDA and "NA" for all others that they do not use. This repeated question "AR.IL.ILCORR.P" only allows one note to be used for ICDA,EDCA,SCDA, and "Other"
87. Question Result, ID, References	Sat, IM.PM.PMMASORCV.P, 192.935(c)
Question Text	<i>Does the process include requirements to decide if automatic shut-off valves or remote control valves represent an efficient means of adding protection to potentially affected high consequence areas?</i>
Assets Covered	Intrastate TIMP
Result Notes	Section A Appendix K has a study. Leak detection, .etc
88. Question Result, ID, References	Sat, IM.PM.PMMASORCV.R, 192.947(d) (192.935(c))
Question Text	<i>Do records demonstrate that the operator has determined, based on risk, whether automatic shut-off valves or remote control valves should be added to protect high consequence areas?</i>
Assets Covered	Intrastate TIMP
Result Notes	They have determined that these PMM measures are not necessary.
89. Question Result, ID, References	Sat, IM.PM.PMMIMPLEMENT.O, 192.935(a)
Question Text	<i>Have identified additional preventive and mitigative measures to reduce the likelihood or consequence of a pipeline failure in an HCA been implemented?</i>
Assets Covered	Intrastate TIMP
Result Notes	This is reviewed during the transmission audit. PI inspectors are on site.

IM.QA: Quality Assurance

90. Question Result, ID, References	Sat, IM.QA.QARM.P, 192.911(l)
Question Text	<i>Are quality assurance processes in place for risk management applications that meet the requirements of ASME B31.8S-2004, Section 12?</i>
Assets Covered	Intrastate TIMP

Result Notes	Appendix C
91. Question Result, ID, References	Sat, IM.QA.IMNONMANDT.P, 192.7(a)
Question Text	<i>Does the process include requirements that non-mandatory requirements (e.g., "should" statements) from industry standards or other documents invoked by Subpart O (e.g., ASME B31.8S-2004 and NACE SP0502-2010) be addressed by an appropriate approach?</i>
Assets Covered	Intrastate TIMP
92. Question Result, ID, References	Sat, IM.QA.IMPERSONNEL.P, 192.915(a) (192.915(b);192.915(c);192.935(b)(1)(i);192.907(b))
Question Text	<i>Does the process include requirements to assure personnel involved in the integrity management program are qualified for their assigned responsibilities in accordance with the quality control plan and Part 192?</i>
Assets Covered	Intrastate TIMP
Result Notes	Appendix C Section 6
93. Question Result, ID, References	Sat, IM.QA.IMPERSONNEL.R, 192.947(e) (192.915(a);192.915(b);192.915(c))
Question Text	<i>Do records demonstrate that personnel involved in the integrity management program are qualified for their assigned responsibilities?</i>
Assets Covered	Intrastate TIMP
Result Notes	I checked training records for IMP training and qualifications for the people performing evaluations for corrosion for example. Tamara Baker provided Alan Mulkeys OQ records.
94. Question Result, ID, References	Sat, IM.QA.QARM.R, 192.947(d) (192.911(l))
Question Text	<i>Do records demonstrate that the quality assurance process for risk management applications is being completed as required by ASME B31.8S-2004, Section 12?</i>
Assets Covered	Intrastate TIMP
Result Notes	4. The vendor, Dynamic Risk, provides the model and they run through the results and compare with PSE's expectations.
95. Question Result, ID, References	Sat, IM.QA.RECORDS.P, 192.947(a) (192.947(b);192.947(c);192.947(d);192.947(e);192.947(f);192.947(g);192.947(h);192.947(i))
Question Text	<i>Is the process adequate to assure that required records are maintained for the useful life of the pipeline?</i>
Assets Covered	Intrastate TIMP
Result Notes	They have retention policy for each section.
96. Question Result, ID, References	Sat, IM.QA.IMMOC.P, 192.911(k) (192.909(a);192.909(b))
Question Text	<i>Is the process for management of changes that may impact pipeline integrity adequate?</i>
Assets Covered	Intrastate TIMP
Result Notes	Appendix L Management of Change
97. Question Result, ID, References	Sat, IM.QA.IMMOC.R, 192.947(d) (192.909(a);192.909(b);192.911(k))

Question Text	<i>Do records demonstrate that changes that may impact pipeline integrity are being managed as required?</i>
Assets Covered	Intrastate TIMP
Result Notes	MOC documented the ICDA addition before plan incorporation. They also revised the HCA Patrols. Updating Appendix A had an MOC record from last year.
98. Question Result, ID, References	Sat, IM.QA.IMPERFEFFECTIVE.P, 192.945(a) (192.913(b);192.951)
Question Text	<i>Does the process for measuring IM program effectiveness include the elements necessary to conduct a meaningful evaluation?</i>
Assets Covered	Intrastate TIMP
Result Notes	Program contains the measures required by code, the 31.8S, and added own ECDA and ICDA. Threats are done twice a year and the overall goes to DOT and gets published in the annual report.
99. Question Result, ID, References	Sat, IM.QA.IMPERFEFFECTIVE.R, 192.947(d) (192.913(b);192.945(a);192.951)
Question Text	<i>Do records demonstrate that the methods to measure Integrity Management Program effectiveness provide effective evaluation of program performance and result in program improvements where necessary?</i>
Assets Covered	Intrastate TIMP
Result Notes	They have not have a lot of activity but they check for it. 2016 improvements talked about adding cyclic fatigue, maps, .etc Table 9-1.
100. Question Result, ID, References	Sat, IM.QA.IMPERFMETRIC.P, 192.945(a) (192.913(b);192.951)
Question Text	<i>Does the process to evaluate IM program effectiveness include an adequate set of performance metrics to provide meaningful insight into IM program performance?</i>
Assets Covered	Intrastate TIMP
Result Notes	They use a qualitative method in Part 8.
101. Question Result, ID, References	Sat, IM.QA.IMPERFMETRIC.R, 192.947(d) (192.913(b);192.945(a);192.951)
Question Text	<i>Do records demonstrate that performance metrics are providing meaningful insight into integrity management program performance?</i>
Assets Covered	Intrastate TIMP
Result Notes	They modified thier Atmospheric Corrosion rating.
102. Question Result, ID, References	Sat, IM.QA.RECORDS.R, 192.947(a) (192.947(b);192.947(c);192.947(d);192.947(e);192.947(f);192.947(g);192.947(h);192.947(i))
Question Text	<i>Are required records being maintained for the life of the pipeline?</i>
Assets Covered	Intrastate TIMP
Result Notes	I reviewed program documents for the past.

IM.RA: Risk Analysis

103. Question Result, ID, References	Sat, IM.RA.RADATA.P, 192.917(b) (192.917(e)(1);192.911(k))
Question Text	<i>Does the process include requirements to gather and integrate existing data and information on the entire pipeline that could be relevant to covered segments?</i>
Assets Covered	Intrastate TIMP
Result Notes	They have flow charts for the data gathering. It is in Appendix D Risk Assessment. The IRAS updates have it stored. The team requests from holders of data and integrates it.

104. Question Result, ID, References	Sat, IM.RA.RADATA.R, 192.947(b) (192.917(b);192.917(e)(1);192.911(k))
Question Text	<i>Do records demonstrate that existing data and information on the entire pipeline that could be relevant to covered segments being adequately gathered and integrated?</i>
Assets Covered	Intrastate TIMP
Result Notes	This is done in IRAS Database update
105. Question Result, ID, References	Sat, IM.RA.RAMETHOD.P, 192.917(c) (192.917(d))
Question Text	<i>Does the process include requirements for a risk assessment that follows ASME B31.8S-2004, Section 5, and that considers the identified threats for each covered segment?</i>
Assets Covered	Intrastate TIMP
Result Notes	It is in Section 6 of the plan.
106. Question Result, ID, References	Sat, IM.RA.THREATID.P, 192.917(a) (192.917(e);192.913(b)(1))
Question Text	<i>Does the process include requirements to identify and evaluate all potential threats to each covered pipeline segment?</i>
Assets Covered	Intrastate TIMP
Result Notes	Appendix D Paragraph 2.
107. Question Result, ID, References	Sat, IM.RA.THREATID.R, 192.947(b) (192.917(a);192.917(e);192.913(b)(1))
Question Text	<i>Do records demonstrate that all potential threats to each covered pipeline segment have been identified and evaluated?</i>
Assets Covered	Intrastate TIMP
Result Notes	We looked at the N Seattle TBS where 21 houses put them over the 20 house limit. We looked at the Lynnwood sewer contact dig, and the Olympia tree root damage dig.They have't eliminated any threats. They had previously eliminated cyclic fatigue but added it back as a threat.
108. Question Result, ID, References	Sat, IM.RA.RAMETHOD.R, 192.947(b) (192.917(c);192.917(d))
Question Text	<i>Do records demonstrate that the risk assessment follows ASME B31.8S-2004, Section 5, and considers the identified threats for each covered segment?</i>
Assets Covered	Intrastate TIMP
Result Notes	This is done by Dynamic Risk.
109. Question Result, ID, References	Sat, IM.RA.RAFACTORS.P, 192.917(c)
Question Text	<i>Does the process include requirements for factors that could affect the likelihood of a release, and for factors that could affect the consequences of potential releases, be accounted for and combined in an appropriate manner to produce a risk value for each pipeline segment?</i>
Assets Covered	Intrastate TIMP
Result Notes	Appendix E contains the weighted likelihood and the consequence.
110. Question Result, ID, References	Sat, IM.RA.RAFACTORS.R, 192.947(b) (192.917(c))
Question Text	<i>Do records demonstrate that risk analysis data is combined in an appropriate manner to produce a risk value for each pipeline segment?</i>
Assets Covered	Intrastate TIMP
Result Notes	This is stored in the IRAS database.

111. Question Result, ID, References	Sat, IM.RA.RAMOC.P, 192.917(c)
Question Text	<i>Does the process provide for revisions to the risk assessment if new information is obtained or conditions change on the pipeline segments?</i>
Assets Covered	Intrastate TIMP
Result Notes	The process has an annual update process and the risk is calculated annually.
112. Question Result, ID, References	Sat, IM.RA.RAMOC.R, 192.947(b) (192.917(c))
Question Text	<i>Was the risk assessment revised as necessary as new information is obtained or conditions change on the pipeline segments?</i>
Assets Covered	Intrastate TIMP
Result Notes	PSE added an HCA they discovered at the North Seattle TBS in 2015 due to the construction of additional residences near the pipeline. The baseline assessment is due by 2025.
113. Question Result, ID, References	Sat, IM.RA.RAMOC.O, 192.917(c)
Question Text	<i>Are conditions on the pipeline segments accurately reflected in the appropriate risk assessment data and information?</i>
Assets Covered	Intrastate TIMP
Result Notes	I performed several days of pre-field activities and compared my field observations with building counts, identified sites, .etc and did not observe any mis-categorization, errors, or omissions.

Report Parameters: Results: all

Acceptable Use: Inspection documentation, including completed protocol forms, summary reports, executive summary reports, and enforcement documentation are for internal use only by federal or state pipeline safety regulators. Some inspection documentation may contain information which the operator considers to be confidential. In addition, supplemental inspection guidance and related documents in the file library are also for internal use only by federal or state pipeline safety regulators (with the exception of documents published in the federal register, such as advisory bulletins). Do not distribute or otherwise disclose such material outside of the state or federal pipeline regulatory organizations. Requests for such information from other government organizations (including, but not limited to, NTSB, GAO, IG, or Congressional Staff) should be referred to PHMSA Headquarters Management.