

Inspection Output (IOR)

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Inspection Information

Inspection Name	8041_PSE_Lewis_Thurston	Operator(s)	PUGET SOUND ENERGY (22189)	Plan Submitted	05/21/2020
Status	PLANNED	Lead	Dennis Ritter	Plan Approval	05/22/2020 by Joe Subsits
Start Year	2020	Team Members	Scott Rukke, David Cullom, Lex Vinsel, Anthony Dorrough, Derek Norwood, Scott Anderson, Darren Tinnerstet	All Activity Start	06/22/2020
System Type	GD	Observer(s)	David D. Lykken, Rell Koizumi	All Activity End	07/10/2020
Protocol Set ID	WA.GD.2017.01	Supervisor	Joe Subsits	Inspection Submitted	--
		Director	Sean Mayo	Inspection Approval	--

Inspection Summary

Inspection Scope and Summary

2020 PSE unit inspections of Lewis-Thurston Counties. Last inspection of Thurston-Lewis unit was in 2017 with 2 probable violations for above ground atmospheric inspection conducted by PSE contractor. This contractor has since been let go and a new contractor hired, HydromaxUSA. They conduct leak surveys and atmospheric corrosion surveys at the same time, annually.

Facilities visited and Total AFOD

Records AFODs: 4

Field AFODs: 3.5

Monday June 22, 2020: Begin Inspection-records review: Maintenance Programs records, Leak surveys, H2RL, AC Surveys, Pipeline Markers,Bridge and Slide Patrols-1d

Tuesday June 23, 2020: Valve Maintenance, Leak WO, Continuing surveillance, construction, pressure testing, welding, MAOP -1d

Wednesday June 24, 2020: Cathodic Protection Records, Damage Prevention, Public Awareness-1d

Thursday June 25, 2020: Pressure control, reporting, requested item clean up, **exit interview records-Vidushi Raina, Danielle Troupe-1d**

Monday July 6, 2020: Field inspection-Bridge and slide patrolling: odorant testing (sniff testing)-1d

Tuesday July 7, 2020: Field Inspection-cathodic protection-1d

Wednesday July 8, 2020: Field Inspection-pressure control-1d

Thursday July 9, 2020: Field Inspection-pressure control- **Exit interview Field-Vidushi Raina, Danielle Troupe 1/2d**

Summary of Significant Findings

(DO NOT Discuss Enforcement options)

Records:

Thursday June 25, 2020-discussed findings from records review. There were no apparently violations or findings from the records review that have not already been self reported to WUTC during weekly PSE compliance meetings with WUTC. PSE has already rectified the issues (ie ELM contract locator late reads from 2017; skipped, can't get in, H2RL leak surveys).

Field:

Thursday July 9, 2020-discussed findings from field audit. There were two areas of concern: 1) An employee indicated that he must enter a what appeared to be a confined space to conduct atmospheric corrosion inspection of a steel gas line in Centralia at Maple St and China Creek (China Creek enters a box culvert under downtown Centralia). This employee conducted these inspections without an attendant or entry permit. PSE should review this particular inspection and ascertain whether it is a confined space and how to safely conduct the inspection. 2) On the 5th Ave bridge in Olympia, WA, PSE has pipeline assets attached to the bridge-a 6" IP line and an 8" HP line. The hoops to hold the 6" in place were touching the top of the pipe. Evidence of corrosion was not apparent, but this condition will lead to failure of the coating and should be repaired before the next atmospheric corrosion inspection.

Primary Operator contacts and/or participants

Vidushi Raina, Compliance Program Manager

Danielle Troupe, Sr Compliance Analyst

Operator executive contact and mailing address for any official correspondence

Booga Gilbertson

Sr VP Operations

V355 110th Avenue Northeast, Bellevue, Washington 98004

Scope (Assets)

#	Short Label	Long Label	Asset Type	Asset IDs	Excluded Topics	Planned	Required	Inspected	Total	Required % Complete
1.	PSE Lewis Thurs	Puget Sound Energy - Gas Distribution	other	--	Compressor Stations Storage Fields Bottle/Pipe - Holders Offshore GOM Copper Pipe Aluminum pipe Cast or Ductile Iron	126	126	126	126	100.0%

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

Plans

#	Plan Assets	Focus Directives	Involved Groups/Subgroups	Ost Type(s)	Extent	Notes
1.	PSE Lewis Thurs	n/a	PRR	P, R, O, S	Detail	
2.	PSE Lewis Thurs	n/a	FR	P, R, O, S	Detail	

Plan Implementations

Activity #	SMART Name	SMART Act#	Start Date	Focus Directives	Involved Groups/Subgroups	Assets	Qst Type(s)	Planned	Required	Inspected	Total	Required % Complete
1.	records	--	06/22/2020 06/26/2020	n/a	PRR	all assets	all types	81	81	81	81	100.0%
2.	field	--	07/06/2020 07/10/2020	n/a	FR	all assets	all types	45	45	45	45	100.0%

1. Since questions may be implemented in multiple activities, but answered only once, questions may be represented more than once in this table.
2. Percent completion excludes unanswered questions planned as "always observe".

Forms

No.	Entity	Form Name	Status	Date Completed	Activity Name	Asset
1.	Attendance List	records and field	COMPLETED	07/16/2020	records	PSE Lewis Thurs ?--?

Results (Unsat, Concern values, 1 results)

2 (instead of 1) results are listed due to re-presentation of questions in more than one sub-group.

FR.FIELDPIPE: Pipeline Inspection (Field)

1. Question Result, ID, Concern, MO.RW.ROWMARKERABOVE.O, 192.707(c) (CGA Best Practices, v4.0, Practice 2-5, CGA Best References Practices, v4.0, Practice 4-20) (also presented in: ATT1FR.FIELDPCS)
 - Question Text *Are line markers placed and maintained as required for above ground pipelines?*
 - Assets Covered PSE Lewis Thurs
 - Result Issue Summary 118 Maple St Centralia--confined space! This inspection needs to be investigated by PSE to ensure a safe entry to conduct the inspection. Will write up as an area of concern.
 - Result Notes Richard Eberly
 - Checked OQs
 - Bridge patrol ok
 - 118 maple St. Centralia confined space! This inspection needs to be investigated by PSE to ensure a safe entry to conduct the inspection
 - Olympia
 - 5th ave bridge and dam
 - Capitol Way at I5

ATT1FR.FIELDPCS: Compressor Stations Inspection (Field)

2. Question Result, ID, Concern, MO.RW.ROWMARKERABOVE.O, 192.707(c) (CGA Best Practices, v4.0, Practice 2-5, CGA Best References Practices, v4.0, Practice 4-20) (also presented in: FR.FIELDPIPE)
 - Question Text *Are line markers placed and maintained as required for above ground pipelines?*
 - Assets Covered PSE Lewis Thurs
 - Result Issue Summary 118 Maple St Centralia--confined space! This inspection needs to be investigated by PSE to ensure a safe entry to conduct the inspection. Will write up as an area of concern.
 - Result Notes Richard Eberly
 - Checked OQs
 - Bridge patrol ok
 - 118 maple St. Centralia confined space! This inspection needs to be investigated by PSE to ensure a safe entry to conduct the inspection
 - Olympia
 - 5th ave bridge and dam
 - Capitol Way at I5

Except as required to be disclosed by law, any 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.