

Inspection Output (IOR)

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Report Filters

Assets **Seaport Sound 114 / Seaport 114**

Results **All**

Inspection Information

Inspection Name	Seaport Sound Section 114	Operator(s)	SEAPORT SOUND TERMINAL, LLC (39906)	Plan Submitted	07/07/2022
		Lead	Anthony Dorrough	Plan Approval	07/08/2022
Status	PLANNED	Team Members	Lex Vinsel, Derek Norwood		by Scott Rukke
Start Year	2022	Supervisor	Scott Rukke	All Activity Start	10/05/2022
System Type	HL	Director	Sean Mayo	All Activity End	10/07/2022
Protocol Set ID	WA.HL.2022.01			Inspection Submitted	--
				Inspection Approval	--

Inspection Summary

Inspection Scope and Summary

This inspection is a review of the Seaport Sound Terminal unit for the Enhanced Safety (PIPES) Act of 2020, according to Section 114 Protecting Our Infrastructure of Pipelines.

Facilities visited and Total AFOD

4130 East 11th Street

Tacoma, WA 98421

Summary of Significant Findings

There were no significant findings, however staff collected pertinent information about the pipeline system in regards to Section 114.

Primary Operator contacts and/or participants

Ted Lilyblade Jr. / Compliance Manager/FSO / Seaport Sound Terminal, LLC (206) 473-0678

Robert Cohee / Supervisor, Pipeline / Seaport Sound Terminal, LLC (253) 331-7278

Anthony Dorrough / Energy/Utilities Engineer / WUTC (360) 481-4035

Derek Norwood / Energy/Utilities Engineer / WUTC (360) 259-2525

Operator executive contact and mailing address for any official correspondence

Edward Luebke / Vice President Pipeline Operations / Seaport Sound Terminal, LLC (678) 772-1285

Scope (Assets)

#	Short Name	Long Name	Asset Type	Asset IDs	Excluded Topics	Planned	Required	Inspected	Total	Required
									%	Complete
1.	Seaport 114	Seaport Sound 114	unit	--	Offshore GOM Crosses Nav. Reg Rural Gather Rural Low Stress Abandoned	12	12	12	12	100.0%

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

Plans

#	Plan Assets	Focus Directives	Involved Groups/Subgroups	Qst Type(s)	Extent	Notes
1.	Seaport 114	--	114.HL	P, R, O, S	Detail	--

Plan Implementations

Activity #	Name	SMART Act#	Start Date	End Date	Focus Directives	Involved Groups/Subgroups	Assets	Qst Type(s)	Planned	Required	Inspected	Total	Required %
													Complete
1.	Seaport 114	--	10/05/2022	10/07/2022	--	all planned questions	all assets	all types	12	12	12	12	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".

3. Question counts and completion percents are filtered to include only questions planned for and results applied to the filtered Assets.

Forms

No.	Entity	Form Name	Status	Date Completed	Activity Name	Asset
1.	Attendance List	Seaport 114	COMPLETED	08/02/2022	Seaport 114	Seaport 114

Results (all values, 12 results)

24 (instead of 12) results are listed due to re-presentation of questions in more than one sub-group.

114.HL: Section 114 - Hazardous Liquid

- Question Result, ID, References **NIC, SRN.114.INSPECTCVRG.S**, (also presented in: 114.SLPG)

Question Text *What are your assets comprised of?*

Assets Covered **Seaport 114**

Result Notes Previously Targa Sound Terminal, the Seaport Sound Terminal pipeline consists of approximately 14,000 feet of 10" 0.365 wall X52 FBE coated DRL. The 10-inch pipeline was constructed in 2012 mostly installed using HDD. The line begins on F St on the west side of the Tacoma tide flats and transports refined products northeast across the flats to Seaport Sound Terminal on Marine View Drive. 95% of the pipeline is more than 40 feet deep--45 feet deep under the Puyallup River and 148 feet deep under the Blair and Hylebos Waterways. There are two CP test points, 1-booster pump station (two 200-hp product pumps) at Olympic's DF and 1 breakout tank necessary to relieve surges (Tank 205 also new in 2012). The Maximum Operating Pressure is 300 psig, however the pressure relief is set for 265 psig. The entire line is in a HCA-High Population, drinking water, navigable water, ecologically sensitive.

2. Question Result, ID, References **NA, SRN.114.GASTRANSPORT.S**, (also presented in: 114.SLPG)
 Question Text *Do you transport natural gas as a specific commodity (i.e., not a byproduct or constituent of another substance)?*
 Assets Covered **Seaport 114**
 Result Notes **No such activity/condition was observed during the inspection.**
3. Question Result, ID, References **NA, SRN.114.DRIVERENGINE.S**, (also presented in: 114.SLPG)
 Question Text *Do you use natural gas-fueled drivers or engines to compress natural gas?*
 Assets Covered **Seaport 114**
 Result Notes **No such activity/condition was observed during the inspection.**
4. Question Result, ID, References **NA, SRN.114.NGUSE.S**, (also presented in: 114.SLPG)
 Question Text *Do you use natural gas for fuel or power appurtenances or instrument gas on regulated facilities?*
 Assets Covered **Seaport 114**
 Result Notes **No such activity/condition was observed during the inspection.**
5. Question Result, ID, References **NA, 114.114.DRIVERENGINE.P, 49 U.S.C. 60108(a)** (also presented in: 114.SLPG)
 Question Text *Do maintenance procedures include measures for monitoring and correcting incomplete combustion of natural gas in driver or engine exhausts and taking corrective action if identified?*
 Assets Covered **Seaport 114**
 Result Notes **No such relevant facilities/equipment existed in the scope of inspection review.**
6. Question Result, ID, References **NA, 114.114.LKRLSID.P, 49 U.S.C. 60108(a)** (also presented in: 114.SLPG)
 Question Text *Do procedures provide a methodology for identifying sources of fugitive natural gas emissions in the system?*
 Assets Covered **Seaport 114**
 Result Notes **No such activity/condition was observed during the inspection.**
7. Question Result, ID, References **NA, 114.114.LKRLSDETECTLK.P, 49 U.S.C. 60108(a)** (also presented in: 114.SLPG)
 Question Text *Do procedures include instructions for personnel to detect leaks to help further reduce emission in stations and along the right of way?*
 Assets Covered **Seaport 114**
 Result Notes **No such relevant facilities/equipment existed in the scope of inspection review.**
8. Question Result, ID, References **NA, 114.114.GNLDSGNCNFG.P, 49 U.S.C. 60108(a)** (also presented in: 114.SLPG)
 Question Text *Do operation and maintenance procedures contain mechanisms for identifying potential design/configuration changes for reducing natural gas releases?*
 Assets Covered **Seaport 114**
 Result Notes **No such activity/condition was observed during the inspection.**
9. Question Result, ID, References **Sat, 114.LEAKPRONE.LKRLS.P, 49 U.S.C. 60108(a)** (also presented in: 114.SLPG)
 Question Text *What procedures are in place to monitor for and identify pipe segments that are leak-prone, and what criteria (e.g., frequency of leak or failure events) are specified for determining a pipeline segment is leak-prone?*
 Assets Covered **Seaport 114**
 Result Notes **Seaport uses visual patrolling and their pigging results to help determine whether or not a given pipeline segment is leak prone. To date there have been no leaks or anomaly's detected.**
10. Question Result, ID, References **Sat, 114.LEAKPRONE.LKRLSLKDATA.P, 49 U.S.C. 60108(a)** (also presented in: 114.SLPG)
 Question Text *Do procedures include a methodology to collect, retain and analyze detailed information from detected leaks, including those eliminated by lubrication, adjustment, tightening or otherwise below thresholds for regulatory reporting?*
 Assets Covered **Seaport 114**

Result Notes See O&M Part I - AOC Part II

11. Question Result, ID, References **NA, 114.LEAKPRONE.LKMITGRPREXAMPLE.P, 49 U.S.C. 60108(a)** (also presented in: 114.SLPG)
Question Text *Do procedures identify cast iron, unprotected steel, wrought iron, and vintage plastic pipe with known leak issues?*
Assets Covered **Seaport 114**
Result Notes **No such relevant facilities/equipment existed in the scope of inspection review.**
12. Question Result, ID, References **Sat, 114.LEAKPRONE.LKMITGRPROTHER.P, 49 U.S.C. 60108(a)** (also presented in: 114.SLPG)
Question Text *Do procedures clearly define a process to address replacement or remediation of pipe segments with known leak issues beyond those specifically identified in Section 114?*
Assets Covered **Seaport 114**
Result Notes **See O&M Part D - Construction Manual**

114.SLPG: Section 114 - Small LPG

13. Question Result, ID, References **NIC, SRN.114.INSPECTCVRG.S,** (also presented in: 114.HL)
Question Text *What are your assets comprised of?*
Assets Covered **Seaport 114**
Result Notes **Previously Targa Sound Terminal, the Seaport Sound Terminal pipeline consists of approximately 14,000 feet of 10" 0.365 wall X52 FBE coated DRL. The 10-inch pipeline was constructed in 2012 mostly installed using HDD. The line begins on F St on the west side of the Tacoma tide flats and transports refined products northeast across the flats to Seaport Sound Terminal on Marine View Drive. 95% of the pipeline is more than 40 feet deep--45 feet deep under the Puyallup River and 148 feet deep under the Blair and Hylebos Waterways. There are two CP test points, 1-booster pump station (two 200-hp product pumps) at Olympic's DF and 1 breakout tank necessary to relieve surges (Tank 205 also new in 2012). The Maximum Operating Pressure is 300 psig, however the pressure relief is set for 265 psig. The entire line is in a HCA-High Population, drinking water, navigable water, ecologically sensitive.**
14. Question Result, ID, References **NA, SRN.114.GASTRANSPORT.S,** (also presented in: 114.HL)
Question Text *Do you transport natural gas as a specific commodity (i.e., not a byproduct or constituent of another substance)?*
Assets Covered **Seaport 114**
Result Notes **No such activity/condition was observed during the inspection.**
15. Question Result, ID, References **NA, SRN.114.DRIVERENGINE.S,** (also presented in: 114.HL)
Question Text *Do you use natural gas-fueled drivers or engines to compress natural gas?*
Assets Covered **Seaport 114**
Result Notes **No such activity/condition was observed during the inspection.**
16. Question Result, ID, References **NA, SRN.114.NGUSE.S,** (also presented in: 114.HL)
Question Text *Do you use natural gas for fuel or power appurtenances or instrument gas on regulated facilities?*
Assets Covered **Seaport 114**
Result Notes **No such activity/condition was observed during the inspection.**
17. Question Result, ID, References **NA, 114.114.DRIVERENGINE.P, 49 U.S.C. 60108(a)** (also presented in: 114.HL)
Question Text *Do maintenance procedures include measures for monitoring and correcting incomplete combustion of natural gas in driver or engine exhausts and taking corrective action if identified?*
Assets Covered **Seaport 114**
Result Notes **No such relevant facilities/equipment existed in the scope of inspection review.**
18. Question Result, ID, References **NA, 114.114.LKRLSID.P, 49 U.S.C. 60108(a)** (also presented in: 114.HL)
Question Text *Do procedures provide a methodology for identifying sources of fugitive natural gas emissions in the system?*

Assets Covered **Seaport 114**

Result Notes **No such activity/condition was observed during the inspection.**

19. Question Result, ID, References **NA, 114.114.LKRLSDETECTLK.P, 49 U.S.C. 60108(a)** (also presented in: 114.HL)

Question Text *Do procedures include instructions for personnel to detect leaks to help further reduce emission in stations and along the right of way?*

Assets Covered **Seaport 114**

Result Notes **No such relevant facilities/equipment existed in the scope of inspection review.**

20. Question Result, ID, References **NA, 114.114.GNLDSGNCNFG.P, 49 U.S.C. 60108(a)** (also presented in: 114.HL)

Question Text *Do operation and maintenance procedures contain mechanisms for identifying potential design/configuration changes for reducing natural gas releases?*

Assets Covered **Seaport 114**

Result Notes **No such activity/condition was observed during the inspection.**

21. Question Result, ID, References **Sat, 114.LEAKPRONE.LKRLS.P, 49 U.S.C. 60108(a)** (also presented in: 114.HL)

Question Text *What procedures are in place to monitor for and identify pipe segments that are leak-prone, and what criteria (e.g., frequency of leak or failure events) are specified for determining a pipeline segment is leak-prone?*

Assets Covered **Seaport 114**

Result Notes **Seaport uses visual patrolling and their pigging results to help determine whether or not a given pipeline segment is leak prone. To date there have been no leaks or anomaly's detected.**

22. Question Result, ID, References **Sat, 114.LEAKPRONE.LKRLSLKDATA.P, 49 U.S.C. 60108(a)** (also presented in: 114.HL)

Question Text *Do procedures include a methodology to collect, retain and analyze detailed information from detected leaks, including those eliminated by lubrication, adjustment, tightening or otherwise below thresholds for regulatory reporting?*

Assets Covered **Seaport 114**

Result Notes **See O&M Part I - AOC Part II**

23. Question Result, ID, References **NA, 114.LEAKPRONE.LKMITGRPREXAMPLE.P, 49 U.S.C. 60108(a)** (also presented in: 114.HL)

Question Text *Do procedures identify cast iron, unprotected steel, wrought iron, and vintage plastic pipe with known leak issues?*

Assets Covered **Seaport 114**

Result Notes **No such relevant facilities/equipment existed in the scope of inspection review.**

24. Question Result, ID, References **Sat, 114.LEAKPRONE.LKMITGRPROTHER.P, 49 U.S.C. 60108(a)** (also presented in: 114.HL)

Question Text *Do procedures clearly define a process to address replacement or remediation of pipe segments with known leak issues beyond those specifically identified in Section 114?*

Assets Covered **Seaport 114**

Result Notes **See O&M Part D - Construction Manual**

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.