

Inspection Output (IOR)

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Report Filters

Assets Tidewater - Snake River Terminal / 88982 (1019)

Results All

Inspection Information

Inspection Name	8634 - Tidewater OQ	Operator(s)	TIDEWATER, INC (31051)	Plan Submitted	01/19/2023
Status	PLANNED	Lead	Scott Anderson	Plan Approval	01/19/2023 by Dennis Ritter
Start Year	2023	Team Members	David Cullom, Lex Vinsel, Anthony Dorrough, Derek Norwood	All Activity Start	06/26/2023
System Type	HL	Observer(s)	John Trier	All Activity End	06/29/2023
Protocol Set ID	WA.HL.2022.02	Supervisor	Dennis Ritter	Inspection Submitted	--
		Director	Scott Rukke	Inspection Approval	--

Inspection Summary

NOTE: Setup/Pre-plan Analysis is not required for this type of WA intrastate inspection

Inspection Scope and Summary

This inspection consisted of reviewing Tidewater Terminal Company's OQ plan and associated records. Tidewater operates one 4" fuel line from Tidewater's Snake River Terminal (SRT) to the BNSF Fuel Depot and Three 6" pipelines (and associated breakout tanks) from Tidewater's Snake River Terminal to NWT Pipeline in Pasco, WA. No new construction has occurred on the pipeline since the early 2000s. OQs/certifications were checked for API 653 inspectors and contractors performing any repair work on breakout tanks, along with Tidewater field staff performing maintenance and operations.

Facilities visited and Total AFOD

3 AFOD

Summary of Significant Findings

(DO NOT Discuss Enforcement options)

No Significant Findings

Primary Operator contacts and/or participants

Josh Jarman, Quality and Compliance Manager, Tidewater

Kelly Harding, Terminal Operations Manager, Tidewater

Chris Riggins, Maintenance Manager, Tidewater

Operator executive contact and mailing address for any official correspondence

William H. (Bill) Collins

Vice President, QHSSE

Tidewater Terminal Company

6305 NW Lower River Rd.

Vancouver, WA 98660

Scope (Assets)

8634 - Tidewater OQ

Page 1 of 8

Report Filters: Results: all

#	Short Name	Long Name	Asset Type	Asset IDs	Excluded Topics	Planned	Required	Inspected	Total	Required % Complete
1.	88982 (1019)	Tidewater - Snake River Terminal	unit	88982	Pump Stations Offshore GOM Crosses Nav. HVL CO2 Biofuels Reg Rural Gather Rural Low Stress Abandoned	41	41	41	41	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.	88982 (1019)	--	TQ.QU, TQ.TRERP, TQ.OQ, TQ.TRCNTRL, TQ.QUOMCONST, TQ.TROMCONST	P, R	Detail	--

Plan Implementations

Activity #	Activity Name	SMAR T Act#	Start Date	End Date	Focus Directives	Involved Groups/Subgroups	Assets	Qst Type(s)	Planned	Required	Inspected	Total	Required % Complete
1	Tidewater O	--	06/26/202	--		TQ.QU, TQ.TRERP, TQ.OQ, TQ.TRCNTRL, TQ.QUOMCONST, TQ.TROMCONST	88982 (1019)	all types	41	41	41	41	100.0%
.	Q		06/29/202										

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	Tidewater OQ	COMPLETED	07/03/2023	Tidewater OQ	88982 (1019)

Results (all values, 41 results)

43 (instead of 41) results are listed due to re-presentation of questions in more than one sub-group.

TQ.OQ: Operator Qualification

1. Question Result, ID, References Sat, TQ.OQ.OQPLAN.P, 195.505(a) (195.501(b), 195.503)

Question Text *Is there an OQ plan that includes covered tasks, and the basis used for identifying covered tasks?*

Assets Covered 88982 (1019)

Result Notes Tidewater OQ Manual Section 5. Tasks are listed in the EWN OQ list.

2. Question Result, ID, References Sat, TQ.OQ.REEVALINTERVAL.P, 195.505(g)
Question Text *Does the OQ plan establish and justify requirements for reevaluation intervals for each covered task?*
Assets Covered 88982 (1019)
Result Notes Tidewater OQ Manual Section 5.8
3. Question Result, ID, References Sat, TQ.OQ.NONQUALIFIED.P, 195.505(c)
Question Text *Does the OQ plan contain provisions for non-qualified individuals to perform covered tasks while being directed and observed by a qualified individual, and are appropriate restrictions and limitations placed on such activities?*
Assets Covered 88982 (1019)
Result Notes Tidewater OQ Manual Section 5.9
4. Question Result, ID, References Sat, TQ.OQ.EVALMETHOD.P, 195.505(b) (195.503, 195.509(d), 195.509(e))
Question Text *Are evaluation methods established and documented appropriate to each covered task?*
Assets Covered 88982 (1019)
Result Notes Tidewater OQ Manual Section 5.3. Tidewater uses EWN for OQ training, on-line and in the field.
5. Question Result, ID, References Sat, TQ.OQ.OQCONTRACTOR.R, 195.507(a) (195.507(b))
Question Text *Are adequate records containing the required elements maintained for contractor personnel?*
Assets Covered 88982 (1019)
Result Notes Tidewater uses 3rd party, US Tank Protectors, for annual CP work. Lewis Koszewski performs the activities his OQs are adequate and up to date. Also, Powers Engineering and Inspection performs API 653 inspections, reviewed certifications for API 653 inspectors. They were all up to date and adequate. OQs were also checked for NDT staff.
6. Question Result, ID, References Sat, TQ.OQ.RECORDS.R, 195.507(a) (195.507(b))
Question Text *Do records document the evaluation and qualifications of individuals performing covered tasks, and can the qualification of individuals performing covered tasks be verified?*
Assets Covered 88982 (1019)
Result Notes Tidewater uses EWN to evaluate field staff. Reviewed a sample evaluations given for certain covered tasks. Reviewed Tidewater employee Tim Berry OQs and they were verified and adequate.
7. Question Result, ID, References Sat, TQ.OQ.TRAINING.P, 195.505(h)
Question Text *Does the operators program provide for initial qualification, retraining and reevaluation of individuals performing covered tasks?*
Assets Covered 88982 (1019)
Result Notes Tidewater OQ Manual Section 5.2, 5.3, and 5.8
8. Question Result, ID, References Sat, TQ.OQ.TRAINING.R, 195.507(a) (195.507(b), 195.505(h))
Question Text *Does the operator have records for initial qualification, retraining and reevaluation of individuals performing covered tasks?*
Assets Covered 88982 (1019)
Result Notes Reviewed Tidewater employees Tim Berry and Damon Remus OQs initial, retraining, and reevaluation. They were adequate and up to date.
9. Question Result, ID, References Sat, TQ.OQ.OQPLANCONTRACTOR.P, 195.505(a) (195.505(f))
Question Text *Does the OQ plan have a process to communicate the OQ plan requirements to contractors and ensure that contractors are following it?*
Assets Covered 88982 (1019)
Result Notes Tidewater OQ manual section 5.14
10. Question Result, ID, References Sat, TQ.OQ.OQCONTRACTOR.P, 195.505(b) (195.505(c), 195.505(d), 195.505(e), 195.505(f))

Question Text *Are contractor organizations or other entities that perform covered tasks qualified?*

Assets Covered 88982 (1019)

Result Notes Tidewater OQ manual section 5.14

11. Question Result, ID, References Sat, TQ.OQ.CONTRACTOREQUIV.P, 195.505(h)

Question Text *Does the OQ plan assure that procedures on which an OQ vendor has evaluated qualified personnel are the same or consistent with those used by the operator for employees and contractors in the field?*

Assets Covered 88982 (1019)

Result Notes Tidewater OQ manual section 5.14

12. Question Result, ID, References Sat, TQ.OQ.OTHERENTITY.R, 195.505(b) (195.505(c), 195.503)

Question Text *If the operator employs other entities to perform covered tasks, such as mutual assistance, are adequate records containing the required elements maintained?*

Assets Covered 88982 (1019)

Result Notes Tidewater uses 3rd party, US Tank Protectors, for annual CP work. Lewis Koszewski performs the activities his OQs are adequate and up to date. Also, Powers Engineering and Inspection performs API 653 inspections, reviewed OQs for API 653 inspectors. They were up to date and adequate.

13. Question Result, ID, References Sat, TQ.OQ.ABNORMAL.P, 195.503 (195.505(b))

Question Text *Does the OQ plan contain requirements to assure that individuals performing covered tasks are able to recognize and react to abnormal operating conditions (AOCs)?*

Assets Covered 88982 (1019)

Result Notes Tidewater OQ manual section 5.7(b)

14. Question Result, ID, References Sat, TQ.OQ.ABNORMAL.R, 195.507(a) (195.507(b), 195.503)

Question Text *Do records indicate evaluation of qualified individuals for recognition and reaction to AOCs?*

Assets Covered 88982 (1019)

Result Notes Reviewed employee Tim Berry's OQ list, recognition and reaction to AOCs are included.

15. Question Result, ID, References Sat, TQ.OQ.PERFMONITOR.P, 195.505(d) (195.505(e))

Question Text *Does the OQ program include provisions to evaluate an individual if there is reason to believe that performance of a covered task contributed to an incident or accident as defined in Parts 192 and 195, or there is reason to believe an individual is no longer qualified to perform covered tasks?*

Assets Covered 88982 (1019)

Result Notes Tidewater OQ manual section 5.5

16. Question Result, ID, References NA, TQ.OQ.PERFMONITOR.R, 195.505(d) (195.505(e))

Question Text *Does the operator have records to demonstrate that they have evaluated individuals who may have contributed to an incident/accident while performing a covered task or where there is reason to believe that an individual may have no longer been qualified to perform a covered task?*

Assets Covered 88982 (1019)

Result Notes No such event occurred, or condition existed, in the scope of inspection review.

17. Question Result, ID, References Sat, TQ.OQ.MOC.P, 195.505(f)

Question Text *Does the OQ program identify how changes to procedures, tools standards and other elements used by individuals in performing covered tasks are communicated to the individuals, including contractor individuals, and how these changes are implemented in the evaluation method(s)?*

Assets Covered 88982 (1019)

Result Notes Tidewater OQ manual section 5.10

18. Question Result, ID, References Sat, TQ.OQ.CHANGENOTIFY.P, 195.505(i)

Question Text *Does the process require significant OQ program changes to be identified and the Administrator or State agency notified?*

Assets Covered 88982 (1019)

Result Notes Tidewater OQ manual section 2

19. Question Result, ID, References NA, TQ.OQ.CHANGERECD.R, 195.505(i) (195.505(f))
Question Text *Are records maintained for changes that affect covered tasks and significant OQ plan changes?*
Assets Covered 88982 (1019)
Result Notes No such event occurred, or condition existed, in the scope of inspection review.

TQ.QU: Qualification of Personnel - Specific Requirements

20. Question Result, ID, References Sat, TQ.QU.CORROSIONSUPERVISE.P, 195.402(c) (195.555, 195.505(h)) (also presented in: TD.CP)
Question Text *Are supervisors required to maintain a thorough knowledge of corrosion control procedures they are responsible for, and is it verified?*
Assets Covered 88982 (1019)
Result Notes Tidewater OM Manual Section 400.1(b)
21. Question Result, ID, References Sat, TQ.QU.CORROSIONSUPERVISE.R, 195.589(c) (195.507(a), 195.507(b)) (also presented in: TD.CP)
Question Text *Is qualification of supervisors in corrosion control procedures documented?*
Assets Covered 88982 (1019)
Result Notes Tidewater's Tim Berry performs the regular CP maintenance operations on tanks and piping, his qualification is adequate. A 3rd party is hired for annual CP checks and any issues. Supervisors are qualified.
22. Question Result, ID, References NA, TQ.QU.CONTROLLER.P, 195.446(h) (195.505(b))
Question Text *Does the process establish, maintain, and review controller qualifications, abilities, and performance metrics, with particular attention to response to abnormal operating conditions?*
Assets Covered 88982 (1019)
Result Notes No such relevant facilities/equipment existed in the scope of inspection review.
23. Question Result, ID, References NA, TQ.QU.CONTROLLER.R, 195.446(h) (195.507(a), 195.507(b))
Question Text *Is controller training and qualification documented?*
Assets Covered 88982 (1019)
Result Notes No such relevant facilities/equipment existed in the scope of inspection review.

TQ.QUOMCONST: Qualification of Personnel - Specific Requirements (O and M Construction)

24. Question Result, ID, References Sat, TQ.QUOMCONST.INSPECTORQUAL.P, 195.204
Question Text *Does the process require personnel who conduct pipe or pipeline system construction inspections to be adequately trained and qualified?*
Assets Covered 88982 (1019)
Result Notes Tidewater O&M section 603.5
25. Question Result, ID, References NA, TQ.QUOMCONST.INSPECTORQUAL.R, 195.204
Question Text *Do records indicate adequate qualification documentation for personnel who conduct pipe or pipeline system construction inspections? (TQ.QUOMCONST.INSPECTORQUAL.R) (detail)*
Assets Covered 88982 (1019)
Result Notes No such event occurred, or condition existed, in the scope of inspection review.
26. Question Result, ID, References Sat, TQ.QUOMCONST.WELDER.P, 195.222(a) (195.222(b), Section 6 of API-1104, Section IX of ASME Boiler & Pressure Vessel Code, 195.214(a))
Question Text *Does the process require welders to be qualified in accordance with API-1104 or the ASME Boiler & Pressure Vessel Code?*
Assets Covered 88982 (1019)

Result Notes Tidewater O&M section 521

27. Question Result, ID, References Sat, TQ.QUOMCONST.WELDER.R, 195.222(a) (195.214(a), 195.222(b))

Question Text *Do records indicate that welders are adequately qualified?*

Assets Covered 88982 (1019)

Result Notes Checked OQs for contract staff performing welding for tank repairs. Multiple welders were checked, their OQs were adequate and up to date.

TQ.TRCNTRL: Training of Personnel - Dispatcher

28. Question Result, ID, References NA, TQ.TRCNTRL.CNTRLTRAINING.P, 195.444 (195.446(e))

Question Text *Does the process require that dispatchers are trained in the recognition of CPM alarms?*

Assets Covered 88982 (1019)

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

29. Question Result, ID, References NA, TQ.TRCNTRL.CNTRLTRAINING1130.P, 195.444 (195.505(h))

Question Text *Do the process require dispatcher training be provided in compliance with API-1130?*

Assets Covered 88982 (1019)

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

30. Question Result, ID, References NA, TQ.TRCNTRL.CNTRLTRAINING.R, 195.444 (195.507(a), 195.507(b))

Question Text *Is dispatcher training and qualification documented?*

Assets Covered 88982 (1019)

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

TQ.TRERP: Training of Personnel - Emergency Response

31. Question Result, ID, References Sat, TQ.TRERP.ERCONDITIONS.P, 195.403(a)(3)

Question Text *Are conditions that are likely to cause emergencies, their consequences, and appropriate corrective action identified in the ER training?*

Assets Covered 88982 (1019)

Result Notes Tidewater O&M section 209(a)

32. Question Result, ID, References Sat, TQ.TRERP.ERFIREPROT.P, 195.403(a)(5)

Question Text *Are the potential causes, types, sizes, and consequences of fire and appropriate use of portable fire extinguishers and other on-site fire control equipment covered in the ER training?*

Assets Covered 88982 (1019)

Result Notes Tidewater O&M section 209(a)

33. Question Result, ID, References Sat, TQ.TRERP.ERHAZTRAINING.P, 195.403(a)(2)

Question Text *Are the characteristics and hazards of the hazardous liquids or carbon dioxide transported covered in the ER training?*

Assets Covered 88982 (1019)

Result Notes Tidewater O&M section 209(a)

34. Question Result, ID, References Sat, TQ.TRERP.ERRELEASECONTROL.P, 195.403(a)(4)

Question Text *Are the steps necessary to control any accidental release of hazardous liquid to minimize the potential for fire, explosion, toxicity, or environmental damage identified in the ER training?*

Assets Covered 88982 (1019)

Result Notes Tidewater O&M section 209(a)

35. Question Result, ID, References Sat, TQ.TRERP.ERTRAINING.P, 195.403(a)(1)

Question Text *Does emergency response training cover the emergency procedures established under 195.402?*

Assets Covered 88982 (1019)

Result Notes Tidewater O&M section 209(a)

36. Question Result, ID, References Sat, TQ.TRERP.ERTRAININGRECORDS.R, 195.404(c) (195.403(a))

Question Text *Is training for emergency response personnel documented?*

Assets Covered 88982 (1019)

Result Notes Reviewed Tidewater sign in sheets for emergency response. Tidewater uses their annual HAZWOPER and manual review as their emergency response training. Tidewater's HAZWOPER training is geared only toward their facility and is changed annually.

37. Question Result, ID, References Sat, TQ.TRERP.ERTRAININGREVIEW.P, 195.403(b)

Question Text *Does the process require review of emergency response personnel performance at the required frequency?*

Assets Covered 88982 (1019)

Result Notes Tidewater O&M section 209(a)

38. Question Result, ID, References Sat, TQ.TRERP.ERTRAININGREVIEW.R, 195.404(c) (195.403(b))

Question Text *Has review of emergency response personnel performance at the required frequency been documented?*

Assets Covered 88982 (1019)

Result Notes Reviewed Tidewater sign in sheets for emergency response. Tidewater uses their annual HAZWOPER and manual review as their emergency response training. Tidewater's HAZWOPER training is geared only toward their facility.

39. Question Result, ID, References Sat, TQ.TRERP.ERTRAININGSUPERVISE.P, 195.403(c)

Question Text *Does the process require supervisors be trained on emergency response procedures for which they are responsible?*

Assets Covered 88982 (1019)

Result Notes Tidewater O&M section 209

TQ.TROMCONST: Training of Personnel - O and M Construction

40. Question Result, ID, References Sat, TQ.TROMCONST.NDT.P, 195.234(b)(2)

Question Text *Does the process require nondestructive testing of welds (for maintenance and construction) be performed by personnel trained and qualified in procedures and in use of the testing equipment?*

Assets Covered 88982 (1019)

Result Notes Tidewater O&M section 521.1.1

41. Question Result, ID, References Sat, TQ.TROMCONST.NDT.R, 195.234(b)(2)

Question Text *Is training for personnel, who perform nondestructive testing of welds, documented and demonstrated?*

Assets Covered 88982 (1019)

Result Notes Reviewed NDT qualification for the individual that did the NDT on the weld tests. They were adequate and up to date. Also checked NDT OQs related to tank repairs.

TD.CP: External Corrosion - Cathodic Protection

42. Question Result, ID, References Sat, TQ.QU.CORROSIONSUPERVISE.P, 195.402(c) (195.555, 195.505(h)) (also presented in: TQ.QU)

Question Text *Are supervisors required to maintain a thorough knowledge of corrosion control procedures they are responsible for, and is it verified?*

Assets Covered 88982 (1019)

Result Notes Tidewater OM Manual Section 400.1(b)

43. Question Result, ID, References Sat, TQ.QU.CORROSIONSUPERVISE.R, 195.589(c) (195.507(a), 195.507(b)) (also presented in: TQ.QU)

Question Text *Is qualification of supervisors in corrosion control procedures documented?*

Assets Covered 88982 (1019)

Result Notes Tidewater's Tim Berry performs the regular CP maintenance operations on tanks and piping, his qualification is adequate. A 3rd party is hired for annual CP checks and any issues. Supervisors are qualified.

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