Inspection Output (IOR)

Report Filters

Assets Klickitat PUD / 88970 (1,934) Results All

Inspection Information

PUD GT

Status PLANNED

Start Year 2023 System Type GT

Protocol Set ID WA.GT.2023.01

Inspection Name [8594] Klickitat Operator(s) KLICKITAT PUBLIC UTILITY DISTRICT (39809)

Lead Lex Vinsel

Observer(s) David Cullom, Anthony Dorrough, Derek Norwood, Scott Anderson, Tom Green

Supervisor Dennis Ritter

Director Scott Rukke

Plan Submitted 07/28/2023

Plan Approval 08/03/2023 by Dennis

Ritter

All Activity Start 08/15/2023

All Activity End 08/16/2023

Inspection Submitted ---Inspection Approval --

Inspection Summary

Inspection Scope and Summary

Klickitat PUD operates an IntRAstate Transmission pipeline for Natural Gas (green gas)

Facilities visited and Total AFOD

Facility

500 Roosevelt Grade Rd.

Roosevelt WA 99356

Main Office

1313 South Columbus Avenue

Goldendale Washington 98620

AFOD - 3 days

Summary of Significant Findings

Primary Operator contacts and/or participants

Kevin Ricks Renewable Energy Assets Manager (509) 773-5891

Doug Tuning Superintendent (509) 773-7427

Alex Casimiro Administrator (509)773-7641

Doug Erickson - Everline Consultants - (719)639-6639

Operator executive contact and mailing address for any official correspondence

Jim Smith - General Manager

1313 South Columbus Avenue

Goldendale Washington 98620

Scope (Assets)

# Short Name	Long Name	Asset Type	Asset IDs	Excluded Topics	Planned Re	equired Ins	Total pected	Required % Complete
1. 88970 (1,934)	Klickitat PUD	unit	88970	Compressor Stations Bottle/Pipe - Holders Vault Service Line Gas Storage Field (Aboveground) Offshore GOM OCS Cast or Ductile Iron Copper Pipe Aluminum/Amphoteric Abandoned	55	55	55	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.	88970 (1,934)		TQ	P, R, O, S	Detail	

Plan Implementations

											Kequire
											d
		SMAR	Start	Focus	Involved		Qst			Total	%
	Activity	T	Date	Directive	Groups/Subgroup		Type(s	Planne	Require	Inspecte	Complet
#	Name	Act#	End Date	S	s	Assets)	d	d	d	е
	OQ Inspectio n		08/15/202 3		TQ	88970 (1,934)	P, R, O	55	55	55	100.0%
			08/16/202 3								

- 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	[8594] Klickitat PUD GT OQ Inspection	COMPLETED	09/29/2023	OQ Inspection	88970 (1,934)	

Results (all values, 55 results)

[8594] Klickitat PUD GT

TQ.PROT9: OQ Protocol 9

1. Question Result, ID, Sat, TQ.PROT9.CORRECTION.O, 192.801(a) (192.809(a))
References

Question Text Have potential issues identified by the OQ plan inspection process been corrected at the operational level?

Assets Covered 88970 (1,934)

Result Notes Reviewees from 2021 were incorporated into 2021 manual. Current manual Revision is 2022

2. Question Result, ID, NA, TQ.PROT9.TASKPERFORMANCE.O, 192.801(a) (192.809(a)) References

Question Text Verify the qualified individuals performed the observed covered tasks in accordance with the operator's processes or operator approved contractor processes.

Assets Covered 88970 (1,934)

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

3. Question Result, ID, Sat, TQ.PROT9.QUALIFICATIONSTATUS.O, 192.801(a) (192.809(a))

Question Text Verify the individuals performing the observed covered tasks are currently qualified to perform the covered tasks.

Assets Covered 88970 (1,934)

Result Notes Operating personnel have correct qualifications

4. Question Result, ID, Sat, TQ.PROT9.AOCRECOG.O, 192.801(a) (192.809(a))
References

Question Text Verify the individuals performing covered tasks are cognizant of the AOCs that are applicable to the tasks observed.

Assets Covered 88970 (1,934)

Result Notes Reviewed AOC's with Eric Larson on Gas relif systems and Rectifiers.

5. Question Result, ID, References Sat, TQ.PROT9.VERIFYQUAL.O, 192.801(a) (192.809(a))

Question Text Observe in the field (job site, local office, etc.) that the foreman/supervisor/manager has verified the qualification of the individual performing the task, that the qualification records are current, and ensure the personal identification of all individuals performing covered tasks are checked, prior to task performance.

Assets Covered 88970 (1,934)

Result Notes Qualifications are kept up to date.

TQ.OQ: Operator Qualification

6. Question Result, ID, Sat, TQ.OQ.OQPLAN.P, 192.805(a) (192.801(b))

Question Text *Is there an OQ plan that includes covered tasks, and the basis used for identifying covered tasks?*Assets Covered 88970 (1,934)

Result Notes Section 8 Pages 8-3 through 8-4 cover the identification of covered tasks and include Identification of a Covered Task flowchart 'The Four Part Test'.

7. Question Result, ID, Sat, TQ.OQ.REEVALINTERVAL.P, 192.805(g)

Question Text Does the OQ plan establish and justify requirements for reevaluation intervals for each covered task? Assets Covered 88970 (1,934)

Result Notes Klickitat PUD OQ Manual for Section 11 - covers evaluation intervals.

8. Question Result, ID, References Sat, TQ.OQ.NONQUALIFIED.P, 192.805(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 88970 (1,934)

Result Notes *Klickitat PUD 2022 - Section 12.1 Non-Qualified Individuals

```
9. Question Result, ID, Sat, TQ.OQ.EVALMETHOD.P, 192.805(b) (192.803, 192.809(d), 192.809(e))
          Question Text Are evaluation methods established and documented appropriate to each covered task?
        Assets Covered 88970 (1,934)
           Result Notes KPUD OQ 2022 - Section 10.1 Evaluation Methods
10. Question Result, ID, Sat, TQ.OQ.OQCONTRACTOR.R, 192.807(a) (192.807(b))
          Question Text Are adequate records containing the required elements maintained for contractor personnel?
        Assets Covered 88970 (1,934)
           Result Notes Records of OQ Qualifications appear to be adequate and complete
11. Question Result, ID, Sat, TQ.OQ.RECORDS.R, 192.807
            References
          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 88970 (1,934)
           Result Notes Records of OQ Qualifications appear to be adequate and complete
12. Question Result, ID, Sat, TQ.OQ.TRAINING.P, 192.805(h)
            References
          Question Text Does the OQ program provide for initial qualification, retraining and reevaluation of individuals performing
                       covered tasks?
        Assets Covered 88970 (1,934)
           Result Notes KPUD 2022 OQ - Section 13 13.1, 13.2, 13.3,
13. Question Result, ID, Sat, TQ.OQ.TRAINING.R, 192.807(a) (192.807(b))
            References
          Question Text Does the operator have records for initial qualification, re-training and re-evaluation of individuals
                       performing covered tasks?
        Assets Covered 88970 (1,934)
           Result Notes Reviewed Initial training records for Eric Larson, records appear adequate and complete.
14. Question Result, ID, Sat, TQ.OQ.OQPLANCONTRACTOR.P, 192.805(b) (192.805(f), 192.805(c))
          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 88970 (1,934)
           Result Notes KPUD OQ 2022 - Section 4.1 Communication Flowchart & Section 15.1 Contractors
15. Question Result, ID, Sat, TQ.OQ.OQCONTRACTOR.P, 192.805(b) (192.805(c), 192.805(d), 192.805(e), 192.805(f))
          Question Text Does the OQ plan require other entities that perform covered tasks on behalf of the operator to be
                       qualified?
        Assets Covered 88970 (1,934)
           Result Notes KPUD 00 2022 - Section 4.1 Communication Flowchart & Section 15.1 Contractors
16. Question Result, ID, Sat, TQ.OQ.OQCONTRACTOREQUIV.P, 192.805(h)
            References
          Question Text Does the OQ plan document that the operator has assured that the processes 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 88970 (1,934)
           Result Notes KPUD OQ 2022 - Section 5.1 Operator Qualification Acceptable Programs & Section 15.1 Contractors
17. Question Result, ID, NA, TQ.OQ.OTHERENTITY.R, 192.805(b) (192.805(c), 192.803)
            References
          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 88970 (1,934)
```

[8594] Klickitat PUD GT

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

```
18. Question Result, ID, References Sat, TQ.OQ.ABNORMAL.P, 192.803
```

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 88970 (1,934)

Result Notes KPUD OQ 2022 Section 8 Abnormal Operating Conditions (AOC) are found on each Covered Task in the AOC section.

19. Question Result, ID, Sat, TQ.OQ.ABNORMAL.R, 192.807(a) (192.807(b), 192.803)

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

Assets Covered 88970 (1,934)

Result Notes Task 60G - General AOCs not covered in Covered Tasks. Current Completion 6/16/22 valid till 8/19/2024.

20. Question Result, ID, NA, TQ.OQ.ABNORMAL.O, 192.803

Question Text Do individuals performing covered tasks have adequate knowledge to recognize and react to abnormal operating conditions?

Assets Covered 88970 (1,934)

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

21. Question Result, ID, Sat, TQ.OQ.PERFMONITOR.P, 192.805(d) (192.805(e)) References

Question Text Does the 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 a covered task?

Assets Covered 88970 (1,934)

Result Notes KPUD OQ 2022 - Section 14.1 Incident Evaluations

22. Question Result, ID, NA, TQ.OQ.PERFMONITOR.R, 192.805(d) (192.805(e))

Question Text If the operator had an incident/accident where there is reason to believe that an individual contributed to the cause, do records indicate evaluation of the individual following the occurrence?

Assets Covered 88970 (1,934)

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

23. Question Result, ID, NA, TQ.OQ.OQPLAN.O, 192.805(h) References

Question Text Do individuals performing covered tasks demonstrate adequate skills, knowledge, and ability?

Assets Covered 88970 (1,934)

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

24. Question Result, ID, Sat, TQ.OQ.MOC.P, 192.805(f)

Question Text Does the OQ program identify how changes to processes, 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 88970 (1,934)

Result Notes KPUD OQ 2022 - Section 4.2 Communicating Covered Task Revisions (MOC)

25. Question Result, ID, Sat, TQ.OQ.CHANGENOTIFY.P, 192.805(i) (192.18)

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

Assets Covered 88970 (1,934)

Result Notes KPUD OQ 2022 - See Section 4.2 Communicating Covered Task Revisions

26. Question Result, ID, Sat, TQ.OQ.CHANGERECORD.R, 192.805(i) (192.805(f), 192.18)

Question Text Are records maintained for changes that affect covered tasks and significant OQ plan changes? Assets Covered 88970 (1,934)

Result Notes Checked Plan Review / Modification Records only one entry for Stephen Hernandez September 1, 2022

TQ.QU: Qualification of Personnel - Specific Requirements

```
27. Question Result, ID, Sat, TQ.QU.CORROSION.P, 192.453 (192.805(b))
            References
          Question Text Does the process require corrosion control processes to be carried out by, or under the direction of,
                        qualified personnel?
        Assets Covered 88970 (1,934)
           Result Notes September 1, 2022 - O&M manual section 10
28. Question Result, ID, Sat, TQ.QU.CORROSION.R, 192.453 (192.807(a), 192.807(b))
            References
          Question Text Do records indicate qualification of personnel implementing pipeline corrosion control methods?
        Assets Covered 88970 (1,934)
           Result Notes eric larson -
                               Inspect Cathodic Protection Rectifiers 6/21/2022 till 6/16/2025
29. Question Result, ID, Sat, TQ.QU.HOTTAPQUAL.P, 192.627 (192.805(b))
          Question Text Does the process require taps on a pipeline under pressure (hot taps) to be performed by qualified
                        personnel?
        Assets Covered 88970 (1,934)
           Result Notes O&M Manual section 15.12 Tappings Pipelines 192.627, .805(b)
30. Question Result, ID, NA, TQ.QU.HOTTAPQUAL.R, 192.627 (192.807(a), 192.807(b))
            References
          Question Text Do records indicate the qualification of personnel performing hot taps?
        Assets Covered 88970 (1,934)
           Result Notes No such event occurred, or condition existed, in the scope of inspection review.
31. Question Result, ID, NA, TQ.QU.HOTTAPQUAL.O, 192.627 (192.805(h))
          Question Text Do personnel performing hot taps demonstrate adequate skills and knowledge?
        Assets Covered 88970 (1,934)
           Result Notes No such event occurred, or condition existed, in the scope of inspection review.
32. Question Result, ID, Sat, TQ.QU.EXCAVATE.P, 192.805(b) (ADB-06-01, 192.801, 192.328)
            References
          Question Text Does the process require individuals who oversee and perform marking, trenching, and backfilling
                        operations be qualified?
        Assets Covered 88970 (1,934)
           Result Notes O&M Sections 18.3 Pipeline Locates
                        O&M Section 18.4 temporary marking
                        O&M Section 18.7 Excavation Safety
33. Question Result, ID, NA, TQ.QU.EXCAVATE.R, 192.807(a) (192.807(b), ADB-06-01, 192.801, 192.328)
          Question Text Do records indicate qualification of individuals who oversee marking, trenching, and backfilling
                        operations?
        Assets Covered 88970 (1,934)
           Result Notes No such event occurred, or condition existed, in the scope of inspection review.
34. Question Result, ID, NA, TQ.QU.EXCAVATE.O, 192.805(b) (192.805(h), ADB-06-01, 192.801(a), 192.328(a), 192.328(c))
          Question Text Do individuals who oversee marking, trenching, and backfilling operations demonstrate adequate skills
                        and knowledge?
        Assets Covered 88970 (1,934)
```

Report Filters: Results: all

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

TQ.QUIM: Qualification of Personnel - Specific Requirements (IM)

- 35. Question Result, ID, NA, TQ.QUIM.IMREVIEWQUAL.P, 192.915(a) (192.915(b), 192.915(c), 192.935(b), 192.493)
 - Question Text Does the process require that operator/vendor personnel (including supervisors and persons responsible for preventive and mitigative measures), who review and evaluate results meet acceptable qualification standards?

Assets Covered 88970 (1,934)

Result Notes No such requirement existed in the scope of inspection review.

Pipeline does not require Integrity Management Program

36. Question Result, ID, NA, TQ.QUIM.IMREVIEWQUAL.R, 192.947(e) (192.915(a), 192.915(b), 192.915(c), 192.935(b)(1)(i), References 192.947(d), 192.493)

Question Text Do records indicate adequate qualification of integrity management personnel?

Assets Covered 88970 (1,934)

Result Notes No such requirement existed in the scope of inspection review.

37. Question Result, ID, NA, TQ.QUIM.IMQC.P, 192.805(b) (ASME B31.8S-2004, Section 12.2(b)(4), 192.935(b)(1)(i), References 192.907(b), 192.911(l))

Question Text Does the process require personnel who execute IM program activities to be competent and qualified in accordance with the quality control plan in accordance with ASME B31.8S-2004, Section 12.2(b)(4)?

Assets Covered 88970 (1,934)

Result Notes No such requirement existed in the scope of inspection review.

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

38. Question Result, ID, Sat, TQ.QUOMCONST.INSPECTOR.P, 192.241(a) (192.241(c), 192.805(b), 192.328(a), 192.328(b)) References

Question Text Does the process require welding inspection personnel to be adequately trained and qualified?

Assets Covered 88970 (1,934)

Result Notes O&M Section 16.11 Weld Inspection

39. Question Result, ID, NA, TQ.QUOMCONST.INSPECTOR.R, 192.241(a) (192.241(c), 192.807(a), 192.807(b))

Question Text Do records indicate adequate qualification documentation for personnel who conduct welding inspections? Assets Covered 88970 (1,934)

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

40. Question Result, ID, NA, TQ.QUOMCONST.INSPECTOR.O, 192.241(a) (192.241(c))

Question Text Does the welding inspector demonstrate adequate skills and knowledge?

Assets Covered 88970 (1,934)

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

41. Question Result, ID, NA, TQ.QUOMCONST.NDT.R, 192.243(b)(2) (192.807(a), 192.807(b), 192.328(a), 192.328(b))

Question Text Do records indicate the qualification of nondestructive testing personnel?

Assets Covered 88970 (1,934)

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

42. Question Result, ID, NA, TQ.QUOMCONST.WELDER.R, 192.227(a) (192.227(b), 192.229(a), 192.229(b), 192.229(c), References 192.229(d), 192.328(a), 192.328(b), 192.807(a), 192.807(b))

Question Text Do records indicate that welders are adequately qualified?

Assets Covered 88970 (1,934)

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

```
43. Question Result, ID, Sat, TQ.QUOMCONST.WELDER.P, 192.227(a) (192.225(a), 192.225(b), 192.328(a), 192.328(b),
            References 192.805(b))
          Question Text Does the process require welders to be qualified in accordance with API 1104 or the ASME Boiler &
                        Pressure Vessel Code?
        Assets Covered 88970 (1,934)
           Result Notes O&M Section 16.4 Welder Qualifications
44. Question Result, ID, Sat, TQ.QUOMCONST.WELDERLOWSTRESS.P, 192.227(b) (192.225(a), 192.225(b), 192.805(b))
          Question Text Does the process require welders who perform welding on low stress pipe on lines that operate at < 20%
                        SMYS to be qualified under Section I of Appendix C to Part 192, and are welders who perform welding on
                        service line connection to a main required to be qualified under Section II of Appendix C to Part 192?
        Assets Covered 88970 (1,934)
           Result Notes O&M Section 16.4 Welder Qualifications
45. Question Result, ID, NA, TQ.QUOMCONST.WELDER.O, 192.227(a) (192.227(b), 192.229(a), 192.229(b), 192.229(c),
            References 192.229(d), 192.803, 192.328(a), 192.328(b))
          Question Text Do welders demonstrate adequate skills and knowledge?
        Assets Covered 88970 (1,934)
           Result Notes No such event occurred, or condition existed, in the scope of inspection review.
46. Question Result, ID, Sat, TQ.QUOMCONST.NDT.P, 192.243(b)(2) (192.803, 192.805(b), 192.805(h), 192.328(a), 192.328(b))
            References
          Question Text Does the process require nondestructive testing of welds to be performed by personnel who are trained
                        and qualified in the established procedures and with the testing equipment employed?
        Assets Covered 88970 (1,934)
           Result Notes O&M Section 16.12 Non-Destructive Testing 192.243
47. Question Result, ID, NA, TQ.QUOMCONST.NDT.O, 192.243(b)(2) (192.803, 192.328(a), 192.328(b))
          Question Text Do nondestructive testing personnel demonstrate adequate skills and knowledge?
        Assets Covered 88970 (1,934)
           Result Notes No such event occurred, or condition existed, in the scope of inspection review.
48. Question Result, ID, NA, TQ.QUOMCONST.PLASTIC.P, 192.285(a) (192.285(d), 192.805(b), 192.285(c))
            References
          Question Text Does the process require personnel making joints in plastic pipelines be qualified?
        Assets Covered 88970 (1,934)
           Result Notes No such event occurred, or condition existed, in the scope of inspection review.
                        No plastic pipelines in system
49. Question Result, ID, NA, TQ.QUOMCONST.PLASTICINSPECT.P, 192.287 (192.805(b))
          Question Text Does the process require that persons who inspect joints in plastic pipes be qualified?
        Assets Covered 88970 (1,934)
           Result Notes No such event occurred, or condition existed, in the scope of inspection review.
                        No plastic pipelines in system
50. Question Result, ID, NA, TQ.QUOMCONST.PLASTIC.R, 192.285(a) (192.285(d), 192.287, 192.807(a), 192.807(b),
            References 192.285(c))
          Question Text Do records indicate adequate qualification of personnel making/inspecting joints in plastic pipelines?
        Assets Covered 88970 (1,934)
           Result Notes No such event occurred, or condition existed, in the scope of inspection review.
                        No plastic pipelines in system
51. Question Result, ID, NA, TQ.QUOMCONST.PLASTIC.O, 192.285(a) (192.287, 192.803)
          Question Text Do personnel making/inspecting joints in plastic pipelines demonstrate adequate skills and knowledge?
```

Assets Covered 88970 (1,934)

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

No plastic pipelines in system

TQ.TR: Training of Personnel

52. Question Result, ID, References Sat, TQ.TR.TRAINING.P, 192.615(b)(2) (192.805(b))

Question Text Does the process require a continuing training program to be in place to effectively instruct emergency response personnel?

Assets Covered 88970 (1,934)

Result Notes O&M Manual Section 19.1 General - Training

53. Question Result, ID, Pafarences Sat, TQ.TR.TRAINING.R, 192.615(b)(2) (192.807(a), 192.807(b))

Question Text Is training for emergency response personnel documented?

Assets Covered 88970 (1,934)

Result Notes Reviewed Sign-In sheet

6/8/22 - Emergency Response Training Plan Review

54. Question Result, ID, NA, TQ.TR.TRAINING.O, 192.615(b)(2) (192.805(b))

Question Text Do emergency response personnel demonstrate adequate skills and knowledge?

Assets Covered 88970 (1,934)

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

55. Question Result, ID, NA, TQ.TR.TRAININGREVIEW.P, 192.615(b)(3)

Question Text Does the process require review of emergency response personnel performance?

Assets Covered 88970 (1,934)

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

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.