

Inspection Output (IOR)

Generated on 2022.June.30 12:36

Report Filters

Assets All, and including items not linked to any asset.

Results All

Inspection Information

Inspection Name	McChord Pipeline OQ #8347	Operator(s)	MCCHORD PIPELINE CO. (31049)	Plan Submitted	05/26/2022
		Lead	Darren Tinnerstet	Plan Approval	05/31/2022 by Scott Rukke
Status	PLANNED	Supervisor	Scott Rukke	All Activity Start	06/29/2022
Start Year	2022	Director	Sean Mayo	All Activity End	06/29/2022
System Type	HL			Inspection Submitted	--
Protocol Set ID	WA.HL.2022.01			Inspection Approval	--

Inspection Summary

Inspection Scope and Summary

Operator Qualification program inspection of McChord Pipeline Company

Facilities visited and Total AFOD

McChord Pipeline administrative offices and field covered task inspection of rectifier and valves.

Summary of Significant Findings

(DO NOT Discuss Enforcement options)

No Violations or areas of concern.

Primary Operator contacts and/or participants

Joel Roppo - Chief Engineer

John Williamson - Senior Pipeline Inspector

Operator executive contact and mailing address for any official correspondence

Andrew Troske - Vice President
McChord Pipeline Company
3001 Marshall Ave.
Tacoma, WA 98421

Scope (Assets)

Short # Name	Long Name	Asset Type	Asset IDs	Excluded Topics	Planned	Required	Total Inspected	Required % Complete
1. 88980 (72)	McChord Pipeline Company	unit	88980	--	54	54	54	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.	88980 (72)	--	TQ	P, R, O, S	Detail	--

Plan Implementations

Activity #	SMART Name	SMART Act#	Start Date	End Date	Focus Directives	Involved Groups/Subgroups	Assets	Qst Type(s)	Planned	Required	Inspected	Total	Required % Complete
1.	McChord OQ	--	06/29/2022	06/29/2022	--	all planned questions	all assets	all types	54	54	54	54	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	McChord OQ	COMPLETED	06/30/2022	McChord OQ	--

Results (all values, 54 results)

56 (instead of 54) results are listed due to re-presentation of questions in more than one sub-group.

TD.CP: External Corrosion - Cathodic Protection

1. 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 88980 (72)
 - Result Notes Maintenance Manual Section 1.5
2. 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 88980 (72)
 - Result Notes Jeremy Hailey - NACE CP level 4 (expires 2/3/2023)
 - NACE Coating level 3 (expires 10/31/2024)
 - CT01 Conducting Annual CP Surveys (expires 6/22/2025)

TQ.PROT9: OQ Protocol 9

3. Question Result, ID, References Sat, TQ.PROT9.TASKPERFORMANCE.O, 195.501(a) (195.509(a))
 - Question Text Verify the qualified individuals performed the observed covered tasks in accordance with the operator's procedures or operator approved contractor procedures.
 - Assets Covered 88980 (72)
 - Result Notes Observed John Williamson (Senior Pipeline Inspector) perform the following covered tasks:

Valve operation (Procedure D-3)

Rectifier Inspection (Procedure D-6)

4. Question Result, ID, References Sat, TQ.PROT9.QUALIFICATIONSTATUS.O, 195.501(a) (195.509(a))

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

Assets Covered 88980 (72)

Result Notes Reviewed John Williamson (Senior Pipeline Inspector) OQ's

5. Question Result, ID, References Sat, TQ.PROT9.AOCRECOG.O, 195.501(a) (195.509(a))

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

Assets Covered 88980 (72)

Result Notes Observed John Williamson (Senior Pipeline Inspector) perform the following covered tasks:

Valve operation (Procedure D-3)

Rectifier Inspection (Procedure D-6)

Discussed AOC's for both covered tasks and compared them to AOC's listed in procedures. No discrepancies.

6. Question Result, ID, References Sat, TQ.PROT9.VERIFYQUAL.O, 195.501(a) (195.509(a))

Question Text *Verify the qualification records are current, and ensure the personal identification of all individuals performing covered tasks are checked, prior to task performance.*

Assets Covered 88980 (72)

Result Notes Observed John Williamson (Senior Pipeline Inspector) perform the following covered tasks:

Valve operation (Procedure D-3)

Rectifier Inspection (Procedure D-6)

7. Question Result, ID, References NA, TQ.PROT9.CORRECTION.O, 195.501(a) (195.509(a))

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

Assets Covered 88980 (72)

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

TQ.OQ: Operator Qualification

8. 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 88980 (72)

Result Notes McChord OQ Program Section 6 - Covered Tasks

Appendix A contains 42 covered tasks.

9. 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 88980 (72)

Result Notes McChord OQ Program Appendix C

10. 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 88980 (72)

Result Notes McChord OQ Program Section 10.

11. 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 88980 (72)

Result Notes McChord OQ Program Appendix C

Reviewed Performance Evaluation Criteria Guide for each covered task. Thoroughly documents evaluation criteria for each task. Switching to new OQ management system (Pinion) in fall 2022.

12. 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 88980 (72)

Result Notes Jeremy Hailey - CP Surveys (expires 6/21/2025)

Harrison Cowling - Pipeline markers (expires 6/21/2025)

13. 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 88980 (72)

Result Notes Jeremy Hailey - CP Surveys (expires 6/21/2025)

Harrison Cowling - Pipeline markers (expires 6/21/2025)

14. 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 88980 (72)

Result Notes McChord OQ Program Sections 8.5, 8.6, 8.7

15. 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 88980 (72)

Result Notes Reviewed OQ records for

John Williamson - Senior Pipeline Inspector

Chance Rewolinski - Pipeline Inspector

Demarie Belsher - Instrument Tech (valves)

Robert Christie - Instrument Tech (valves)

16. 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 88980 (72)
Result Notes McChord OQ Program Section 12 - contractors

Contractors don't have their own OQ plan, they qualify under Operator's plan accordingly.

17. 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 88980 (72)

Result Notes McChord OQ Program Section 12

Matrix (maintenance)

NW Corrosion (CP)

Manson Electrical

18. 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 88980 (72)

Result Notes McChord OQ Program Section 12.

Contractors are qualified using MPL evaluation criteria.

19. Question Result, ID, References NA, 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 88980 (72)

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

20. 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 88980 (72)

Result Notes McChord OQ Program Appendix C

21. 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 88980 (72)

Result Notes Reviewed performance evaluation forms for:

John Williamson - Senior Pipeline Inspector

Chance Rewolinski - Pipeline Inspector

Demarie Belsher - Instrument Tech (valves)

Robert Christie - Instrument Tech (valves)

All performance evaluations have a section at the end that specifically details evaluation of AOC's recognition of each covered task.

22. Question Result, ID, References Sat, TQ.OQ.ABNORMAL.O, 195.503

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

Assets Covered 88980 (72)

Result Notes Observed John Williamson (Senior Pipeline Inspector) perform the following covered tasks:

Valve operation (Procedure D-3)

Rectifier Inspection (Procedure D-6)

Discussed AOC's for both covered tasks and compared them to AOC's listed in procedures. No discrepancies.

23. 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 88980 (72)

Result Notes McChord OQ Program Section 8.7

24. 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 88980 (72)

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

25. Question Result, ID, References Sat, TQ.OQ.OOPLAN.O, 195.505(h)

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

Assets Covered 88980 (72)

26. 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 88980 (72)

Result Notes McChord OQ Program Section 9 - Management of Change

27. 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 88980 (72)

Result Notes McChord OQ Program Section 14

28. 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 88980 (72)

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

TQ.QU: Qualification of Personnel - Specific Requirements

29. 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 88980 (72)

Result Notes Maintenance Manual Section 1.5

30. 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 **88980 (72)**
Result Notes **Jeremy Hailey - NACE CP level 4 (expires 2/3/2023)**

NACE Coating level 3 (expires 10/31/2024)

CT01 Conducting Annual CP Surveys (expires 6/22/2025)
31. Question Result, ID, References **Sat, 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 **88980 (72)**
Result Notes **McChord OQ Program Section 8.8**
32. 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 **88980 (72)**
Result Notes **No such event occurred, or condition existed, in the scope of inspection review.**
33. Question Result, ID, References **NA, TQ.QU.CONTROLLER.O, 195.446(b) (195.446(c), 195.505(b))**
Question Text *Do controllers demonstrate adequate skills and knowledge?*
Assets Covered **88980 (72)**
Result Notes **No such activity/condition was observed during the inspection.**

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

34. 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 **88980 (72)**
Result Notes **McChord OM Program Section 12 - Contractors**
35. Question Result, ID, References **Sat, 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 **88980 (72)**
Result Notes **Reviewed OQ records for:**

Brady Gunderson (Mistras) - Task 9 (NDT) - 8/4/2017 (most recent pipeline repair or need for pipeline inspector).
36. Question Result, ID, References **NA, TQ.QUOMCONST.INSPECTORQUAL.O, 195.204**
Question Text *Does the inspector who ensures pipeline systems are installed per requirements demonstrate adequate skills and knowledge?*
Assets Covered **88980 (72)**
Result Notes **No such event occurred, or condition existed, in the scope of inspection review.**
37. 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 88980 (72)

Result Notes McChord OM Program Section B-3

38. Question Result, ID, References NA, 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 88980 (72)

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

39. Question Result, ID, References NA, TQ.QUOMCONST.WELDER.O, 195.222(a) (195.505(b), 195.214(a))

Question Text *Do welders demonstrate adequate skills and knowledge?*

Assets Covered 88980 (72)

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

TQ.TRCNTRL: Training of Personnel - Dispatcher

40. 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 88980 (72)

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

41. 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 88980 (72)

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

42. 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 88980 (72)

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

43. Question Result, ID, References NA, TQ.TRCNTRL.CNTRLTRAINING.O, 195.444 (195.505(b))

Question Text *Do dispatchers demonstrate adequate skills and knowledge?*

Assets Covered 88980 (72)

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

TQ.TRERP: Training of Personnel - Emergency Response

44. 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 88980 (72)

Result Notes Spills Prevention Control and Counter Measures Plan (SPCC) - Section 7.21

Reviewed ERP 10A - Emergency Response Training (annual emergency response training curriculum).

45. 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 88980 (72)

Result Notes Reviewed ERP 10A - Emergency Response Training (annual emergency response training curriculum).

Also conduct annual fire extinguisher training class. Reviewed training materials and records of participants.

46. 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 88980 (72)
Result Notes Reviewed ERP 10A - Emergency Response Training (annual emergency response training curriculm.
47. 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 88980 (72)
Result Notes Spills Prevention Control and Counter Measures Plan (SPCC) - Section 7.21

Reviewed ERP 10A - Emergency Response Training (annual emergency response training curriculm.
48. 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 88980 (72)
Result Notes Spills Prevention Control and Counter Measures Plan (SPCC) - Section 7.21

Reviewed ERP 10A - Emergency Response Training (annual emergency response training curriculm.
49. 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 88980 (72)
Result Notes Reviewed ERP 10A training records for:

John Williamson (10/27/2021)

Steve Calton (10/27/2021)
50. Question Result, ID, References Sat, TQ.TRERP.ERTRAINING.O, 195.403(a)
Question Text *Do emergency response personnel demonstrate adequate skills and knowledge?*
Assets Covered 88980 (72)
51. 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 88980 (72)
52. 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 88980 (72)
Result Notes Spills Prevention Control and Counter Measures Plan (SPCC) - Section 7.21
53. 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 88980 (72)
Result Notes SPCC Section 4 (Table 4-2)
54. Question Result, ID, References Sat, TQ.TRERP.ERTRAININGSUPERVISE.O, 195.403(c) (195.405)

Question Text *Do emergency response supervisors demonstrate adequate skills and knowledge?*
Assets Covered 88980 (72)

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

55. 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 88980 (72)

Result Notes Maintenance Manual Section B-3, 7.5

56. 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 88980 (72)

Result Notes Reviewed OQ records for

Brady Gunderson (Mistras) - Task 9 (NDT) - 8/4/2017 (most recent pipeline repair or need for pipeline inspector).

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