Maximum Allowable Operating Pressure

Determination & Validation Plan

in accordance with

Docket No. PG-150120

December 2017

INTRODUCTION

Cascade Natural Gas Corporation (Cascade) has prepared a Maximum Allowable Operating Pressure (MAOP) Determination & Validation Plan (Plan) for all transmission and high pressure (HP) distribution pipelines operating in the state of Washington. Transmission pipelines are defined as having a MAOP which produces a hoop stress greater than or equal to 20% Specified Minimum Yield Strength (SMYS). HP distribution pipelines are defined as having a MAOP greater than 60 psig and producing a hoop stress less than 20% SMYS.

The purpose of this plan is to determine and validate the MAOP of all transmission and HP distribution pipelines and to determine where there are insufficient records to confirm the current MAOP per the requirements of 49 CFR 192.619. This plan consists of the following elements:

1. Determination of MAOP
2. Missing Critical Information
3. Summary of all transmission and HP distribution pipelines and facilities with insufficient data to demonstrate and confirm current MAOP
4. Action plan to validate MAOP and gather missing critical information
5. Rationale describing prioritization of each action plan
6. Schedule for completion of action plan for each pipeline segment
7. Process for corrective actions and updates to Plan
8. Findings

1. DETERMINATION OF MAOP

Cascade's validation of MAOP for pipeline segments and facilities having a MAOP greater than 60 psig began in 2013 and completed in 2016. A subsequent review of records for the purpose of validating MAOP was completed by TRC Pipeline Services, LLC (TRC) from October 2016 to March 2017.

Validation of MAOP included the compilation of critical information for Cascade's pipelines and facilities from existing records that included the following information: Year installed, pipeline diameter, wall thickness, seam type, length, pipe grade, test pressure, percent SMYS, and pressure rating of components. Critical information was gathered from Cascade's available records located at the General Office, District Offices, off-site record storage locations, and GIS. When data was missing, assumptions were made in order to perform appropriate calculations. A summary of the assumptions used are described in Section 2 - Missing Critical Information.

Records reviewed included construction project books, NDT test records, pressure test records, as-built records, work orders, material test reports, test certificates, purchase orders and specifications, and data sheets. To identify all components in a pipeline segment, repairs, replacements, relocations, upgrades, and retirement records were also reviewed.

The MAOP for each segment was determined to be either valid (VALID) or unvalidated (UNVALID) by comparing the current MAOP to the lowest pressure determined in accordance with 49 CFR 192.619. Refer to Attachment 1 for the final MAOP designation (VALID/UNVALID) for each pipeline segment and an overview of missing critical information.

2. MISSING CRITICAL INFORMATION

Critical information is information and/or records that are necessary to establish and validate MAOP for a pipeline segment or facility. Missing critical information for pipeline segments (e.g. wall thickness, pipe grade, or pressure test) are shown as yellow cells in the spreadsheets in Attachment 1.

TABLE 1: MISSING CRITICAL INFORMATION

Missing Critical Information	
Pipe, Fitting, and Component Properties	Outside Diameter Yield Strength Wall Thickness Longitudinal Seam Type Pressure Ratings Facilities
Operational	Class Locations Branch/Service Line Connections Uprates Pressure Testing Information Facilities Stubs/Retirements

Pipe and Component Properties

Outside Diameter

Pipe, fitting, and component outside diameter was obtained from material descriptions on as-built drawings, material test reports, or Cascade-specific part numbers. When outside diameter could not be determined, an outside diameter was assumed based on segment classification, adjacent main, or size of connecting facilities.

Yield Strength

Pipe, fitting, and component yield strength was obtained from material descriptions on as-built drawings, material test reports, or Cascade-specific part numbers. When yield strength could not be determined, a yield strength of 24,000 psig was used per 49 CFR 192.107 (b) (2).

Wall Thickness

Pipe, fitting, and component wall thickness was obtained from material descriptions on as-built drawings, material test reports, or Cascade-specific part numbers. When wall thickness could not be determined, the following values were used for wall thickness based on typical wall thickness found in Cascade's system for the given pipe diameter:

TABLE 2: WALL THICKNESS VALUES

Pipe Diameter (inch)	**Wall Thickness (inch)**
1/4	0.119
3/4	0.113
1	0.109
1-1/2	0.145
1-1/4	0.140
2	0.154
3	0.156

Pipe Diameter (inch)	**Wall Thickness (inch)**
4	0.156
6	0.188
8	0.188
10	0.188
12	0.250
16	0.250
20	0.250

Longitudinal Seam Type

Pipe and component longitudinal seam type was obtained from material descriptions on as-built drawings, material test reports, or Cascade-specific part numbers. If longitudinal seam type was known, the longitudinal joint factor in 49 CFR 192.113 was used for the design pressure formula. When longitudinal seam type was unknown, the following values were used:

TABLE 3: UNKNOWN LONGITUDINAL SEAM TYPE VALUES

Longitudinal Seam Type	Longitudinal Joint Factor (E)
Unknown, for pipe diameters 4" and smaller	0.6
Unknown, for pipe diameters over 4"	0.8

Records of longitudinal seam type are consistently a piece of missing critical information. Data from material sampling, material specifications of known materials, and vintage of transmission and HP distribution pipeline segments would indicate longitudinal seam types would typically be electric resistance welded (ERW) or seamless (SMLS). Without having records to fully support this, Cascade will continue to use unknown longitudinal joint factors when seam type is unknown.

Class Location Design Factor

Currently, class location survey data only exists for Cascade's transmission and HP distribution mainline segments and isn't available for branch and service line segments. For MAOP validation, a Class 3 design factor was primarily used for all pipeline segments. In locations where branch or service lines connected to transmission or HP distribution segment in a Class 4 location, a Class 4 design factor was applied to the branch or service line. Cascade's transmission and HP distribution mainlines are primarily located within Class 1, 2, and 3 locations with only a few Class 4 locations.

TABLE 4: CLASS LOCATION DESIGN FACTOR VALUES

Class Location	Design Factor from 49 CFR 192.111(a), (F)
Class 3	0.50
Class 4	0.40

Pressure Ratings

Component and valve pressure ratings were obtained from material descriptions on as-built drawings or Cascade-specific part numbers. When pressure ratings could not be determined, the lowest ASME Class 150, pressure rating of 275 psig, was used for flanges and valves, and a pressure rating of 250 psig was used for unknown Mueller fittings.

Branch and Service Line Connections

Branch and Service Line Connections were obtained from as-built drawings and Cascade-specific part numbers. When connection could not be determined, the pressure rating of the component was marked as "Unknown" and treated as a piece of missing critical information to validate MAOP.

Records, materials commonly used, and past practices would lead to believe the following connections may have been used for branch and service lines:

TABLE 5: BRANCH/SERVICE LINE CONNECTIONS

Diameter	Connection Type	Pressure Rating
Less than 2-Inch	Mueller No-Blo Service Stop Tee, Mueller Autoperf Tee	250 – 1,440 psig
2-Inch	Mueller Curb Valve Tee, Service Tee	1,440 psig
Greater than 2-Inch	Mueller Flanged Tee	275 – 1200 psig

Missing information on the type of component used for service line connections is a systematic issue. Lack of records for high pressure service lines makes it difficult to determine the type of component used.

Pressure Test Information

Pressure test information was obtained from as-built drawings, pressure charts, test reports, progress reports, or pressure test stamps. Pressure testing information is a piece of critical information required to validate MAOP.

49 CFR 192.517 Records

Validation of MAOP via pressure test is per 49 CFR 192.619(a)(2). For pipeline segments operated at a pressure of 100 psig or more, the rule requires that the test pressure must be reduced in accordance with the table provided within the rule. Within the context of 49 CFR 192.619, the rule requires the operator to have record of the test pressure alone to apply the rule. Washington Utilities and Transportation Commission (WUTC or Commission) Staff have performed spot inspections on Cascade records and has accepted this methodology.

Cascade recognizes that 49 CFR 192.517 defines the recordkeeping requirements for pressure tests of 100 psig or more and has identified that prior form revisions omitted some of the required criteria. As a result, Cascade has complete forms that systematically omit 49 CFR 192.517 requirements and has identified this as critical missing information. Cascade maintains that it is possible to validate the pressure under 49 CFR 192.619(a)(2) but have a record deficiency to the requirements of 49 CFR 192.517.

Uprates

Uprates impact validation of MAOP when the pipeline characteristics defined in 49 CFR 192.105 are unknown. Cascade has evidence of uprates in the form up uprate records, as well as pressure history. Cascade has made considerations for uprates in the validation process and coordinated a search for uprate records with WUTC; however, Cascade cannot be assured that all uprates are known and considers uprates missing critical information.

Facilities

Facilities include regulator stations, odorizer stations, valve settings, meter stations, and High Pressure Service Sets (HPSS). Review of facility records showed gaps in information and missing critical information required to validate MAOP. Missing information included missing facility drawings to determine facility pipe, fittings, and components, missing pressure test records, missing material information, and records of facility modifications/rebuilds.

Stubs/Retirements

A systematic issue may exist with missing critical information pertaining to the retirement of branch and service lines. A typical retirement consists of retiring a small stub of pipe and installation of a cap. Past practices indicate retirements may have included a steel plate instead of a cap. Missing critical information includes missing records pertaining to retirements and pressure testing of caps used for retirement. Known stubs have been identified during MAOP validation, but new stubs may be discovered during routine field activities and GIS mapping efforts that will be addressed as they are discovered.

3. SUMMARY OF TRANSMISSION AND HP DISTRIBUTION PIPELINE SEGMENTS AND FACILITIES

Through the review of the information of all pipeline segments operating over 60 psig Cascade determined 2,651 of the 3,176 segments in the state of Washington to have some piece of insufficient records to confirm the current MAOP (See Table 6).

TABLE 6: PIPELINE SEGMENT MAOP DESIGNATION SUMMARY

MAOP Designation	Count	Pipe Length (Miles)
VALID	525	329.7
UNVALID	2,651	269.6
TOTAL	**3,176**	**599.3**

Pipeline MAOP summary for all transmission and HP distribution pipeline segments for each operating district in Washington are listed in Attachment 1 - Pipeline MAOP Summary. Attachments include the pipeline segment work order number, pipeline segment name, existing MAOP, class location, calculated MAOPs per 49 CFR 192.619, test pressure, minimum pressure rating of any pressure rated components, MAOP designation, maximum segment pipe diameter, minimum segment pipe wall thickness, minimum segment pipe grade, installation year, percent SMYS of pipe and fittings, critical missing information, total risk score, action plan, and action year.

UNVALID Pipeline Segments

Pipeline segments that have been classified with a MAOP designation of UNVALID can be further categorized into the following subgroups to identify the specific missing critical information needed to validate MAOP:

- 116 Segments (PG-150120 Settlement Agreement)
- Missing Pressure Test Records
- Current MAOP not consistent with 49 CFR 192.619
- Missing 49 CFR 192.517 Records
- Missing Component Information with Pressure Test

TABLE 7: UNVALID PIPELINE SEGMENT BY SUBGROUP

UNVALID Designation	Count	Pipe Length (Miles)
116 Segments*	98	158.6
Missing Pressure Test Records	317	4.2
Current MAOP not consistent with 49 CFR 192.619	824	13.6
Missing 49 CFR 192.517 Records	227	13.5
Missing Component Information with Pressure Test	1,185	79.7
TOTAL	**2,651**	**269.6**

* Remaining 116 Segment (PG-150120 Settlement Agreement) count and mileage.

116 Segments (PG-150120 Settlement Agreement)

Pipeline segments identified by Cascade as part of the Settlement Agreement PG-150120 as having insufficient records to confirm the current MAOP. Work began in 2015 to validate MAOP of these 116 pipeline segments. An update was provided to the WUTC in the Six-Month Status Report submitted on September 29, 2017.

Missing Pressure Test Records

Pipeline segments where no records of a pressure test were found during MAOP validation.

Current MAOP not consistent with 49 CFR 192.619

- Pressure Rated Fittings: 7 Segments – 0.3 Miles

  Pipeline segments including a pipe, fitting, or component(s) where the pressure rating indicated a lower pressure rating than the current MAOP.

- Design Pressure: 4 Segments – 0.1 Miles

  Pipeline segments including a pipe, fitting, or component(s) where the design pressure, calculated per 49 CFR 192.105, was calculated to have a lower design pressure than the current MAOP. The design pressure was calculated using the pipe, fitting, or component's yield strength, outside diameter, wall thickness, design factor, longitudinal joint factor, and temperature derating factor. Where parameters were unknown, most stringent values were used. Values used are described in Section 2 - Missing Critical Information.

- Insufficient Test Pressure: 813 Segments – 13.2 Miles

  Pipeline segments where records of the pressure test indicated a test pressure, divided by the factors determined in accordance with 49 CFR 192.619 (a) (2) (ii), is insufficient for the current MAOP.

Missing 49 CFR 192.517 Records

Pipeline segments where the determined MAOP meets the terms of 49 CFR 192.619, but pressure test record does not include all of the information listed in 49 CFR 192.517 (a). Pressure test records for segments were found to be missing names of employee responsible for the pressure test, test medium, and test duration. If a pipeline segment included test by, test medium, test pressure, and test duration, it was included as meeting the requirements of 49 CFR 192.517.

Requirements of 49 CFR 192.517 were effective beginning on November 11, 1970. The requirements of 49 CFR 192.517 do not apply for segments installed prior to this date.

Missing Component Information with Pressure Test

Pipeline segments where the segment design pressure and pressure test information were sufficient to validate the current MAOP, but segment has a component that could not be verified from the records review. These segments are primarily inlet lines to HPSS and regulator stations where the connection to the main could not be determined.

Transmission Pipeline Segments

Pipeline segments with percent SMYS greater than or equal to 20% are highlighted in orange on Attachment 1. New pipeline segments reclassified as transmission will be incorporated into Cascade's Transmission Integrity Management Program (TIMP) and will be maintained as transmission lines per Cascade Company Procedures. Baseline assessments for all pipelines reclassified as transmission status shall be completed by the end of 2020. All unvalidated pipeline segments with SMYS of 20% or greater will be leak surveyed four times annually. Once information is available to substantiate SMYS below 20%, or to validate the MAOP of a pipeline segment, that pipeline segment will return to leak survey intervals prescribed by Cascade Company Procedures. Cascade will notify Commission Staff when a pipeline segment returns to normal survey intervals and will make available records of the basis for the action.

Pressure Reductions over 30% SMYS

Currently, there are five pipelines with unvalidated pipeline segments that have been identified with low frequency ERW or an unknown seam type and a calculated percent SMYS greater than 30%. The following five pipelines are currently operating at a 20% pressure reduction:

- 8" Central Whatcom Transmission Line
- 8" Bellingham Transmission Line
- 8" Anacortes Transmission Line
- 8" March Point Transmission Line
- 8" Lake Terrell Rd Transmission Line

Through this review, additional pipeline segments were identified meeting the criteria above. The segments that are currently operating over 30% SMYS are associated with the following pipelines:

- 8" and 12" Kitsap HP and Transmission Lines
- 16" March Point Transmission Line
- 16" North Whatcom Transmission Line
- East Stanwood Odorizer Station (017-O-003)

Each of these systems were modeled to determine if a 20% pressure reduction could be performed.

8" and 12" Kitsap HP and Transmission Lines

Pressure reduction of the 8" and 12" Kitsap system would put Cascade in a position of not being able to meet current demands on the system. Segments currently operating over 30% SMYS are post-code and were all installed in 1996 or later. Cascade material specifications post-1991 would indicate pipe used would have been API 5L with a minimum yield strength of 35,000 psig and ERW or SMLS seam type. Fittings would have a minimum yield strength of 35,000 psig and standard wall thickness. Cascade is currently coordinating with a third party to have in-situ testing completed early 2018. Testing will allow Cascade to determine yield strength and wall thickness to be able to accurately calculate percent SMYS.

16" March Point Transmission Line

The 8" Anacortes and 8" March Point Lines are currently under a 20% pressure reduction and further pressure reduction would put Cascade in a position of not being able to meet the current demands on the system. Segments currently operating over 30% SMYS are post-code and were all installed in 1993 or later. Cascade material specifications post-1991 would indicate pipe used would have been API 5L with a minimum yield strength of 35,000 psig and ERW or SMLS seam type. Fittings would have a minimum yield strength of 35,000 psig and standard wall thickness. Cascade is currently coordinating with a third party to have in-situ testing completed early 2018. Testing will allow Cascade to determine yield strength and wall thickness to be able to accurately calculate percent SMYS.

16" North Whatcom Transmission Line

This pipeline is currently operating at 535 psig (MAOP = 600 psig) based on 49 CFR 192.917 (3) requirements for considering manufacturing and construction defects to be stable. In addition, the 8" Central Whatcom Line is currently operating under a 20% pressure reduction and further pressure reductions would put Cascade in a position of not being able to meet the current demands on the system. The segment is currently operating over 30% SMYS, and is post-code installation with a post-installation pressure test of 900 psig. Cascade is currently coordinating with a third party to have in-situ testing completed early 2018. Testing will allow Cascade to determine yield strength and wall thickness to be able to accurately calculate percent SMYS.

East Stanwood Odorizer Station (017-O-003)

This pipeline segment is at the odorizer station east of Stanwood which is where Cascade currently odorizes the gas directly from William's Pipeline at the take-off of William's pipeline to Stanwood. This site currently has no way to directly regulate pressure to perform a pressure reduction without having Williams lower the pressure on their system. Fittings are the only piece of this pipeline segment that are currently over 30% SMYS. Fittings are standard wall, Grade B, and the seam type is unknown. This odorizer station is scheduled for replacement in 2018.

4. ACTION PLAN

Cascade has reviewed each transmission and HP distribution pipeline segment and identified segments with missing critical information. Attachment 1 contains the pipelines by district and the overall action plans for each segment. Time frames for completion of each action plan are outlined in the Section 6 and plans of action described in the Processes to Address Missing Critical Information section below.

Processes to Address Missing Critical Information

Methods that will be employed by Cascade may include:

- Excavation and Field Testing to Determine Pipe and Fitting Properties
- Pressure Testing
- Replacement
- Exposing and Verify Components
- Downrate
- Integrity Management (DIMP/TIMP)
- Accept Most Stringent Criteria
- Uprate Records

Any process considered to validate data not listed above will be submitted to the WUTC for review prior to execution. Any new or innovative processes for validating pipe characteristics shall be submitted to the Commission for review.

Excavation and Field Testing to Determine Missing Pipe and Fitting Properties

To obtain missing pipe and fitting properties, excavation and field testing will be performed through scheduled and routine excavations to confirm known properties and obtain missing critical information. The following properties will be obtained:

- Pipe diameter of pipe and fittings will be measured.
- Wall thickness of pipe and fittings will be measured with an Ultrasonic Thickness (UT) gauge.
- Yield strength and/or longitudinal seam type will be determined through mechanical testing when samples are available at an accredited material testing laboratory in accordance with 49 CFR 192.107. Yield strength may also be determined by non-destructive in-situ testing as described in a letter to the WUTC on June 2, 2015. Cascade has contracted with a third-party to perform a statistical analysis of pipeline segments with missing pipe grade to determine the number of sampling points that will be required to validate pipe grade. Analysis is conducted in accordance with 49 CFR 192 Appendix B – Qualification of Pipe. Cascade has also contracted with a third-party to perform in-situ testing at the determined locations.

Pressure Testing

In instances where pressure testing is required, Cascade's primary consideration is to isolate the pipeline and perform the pressure test. Test medium, pressure, and duration will be based on current Cascade procedures. After completion of a successful pressure test, the pipeline will be placed back into service.

Pressure testing an existing pipeline segment presents many different challenges, one of which is maintaining service to customers during the test. To maintain service to customers, Cascade plans to utilize liquefied natural gas or compressed natural gas. In some cases, Cascade may need to interrupt service to be able to perform the test.

An additional challenge to pressure testing existing pipelines with missing critical information is ensuring the pressure test is performed safely. Pressure testing requires proper preparation and precautions to be in place to protect public, environment, and employees during the test. Test medium is also a critical factor in performing a test safely. When nitrogen cannot be used as a test medium, additional steps and timing are required to allow for a pipeline segment to be hydrotested.

All proposed pressure testing options will meet 49 CFR 192 Subpart J requirements.

Replacement

To address missing critical information, replacement of a pipeline segment or facility may be required due to various factors including, but not limited to integrity management concerns, operational history, or when other actions aren't feasible.

Expose and Verify Components

To obtain missing component information, field verification can be performed by exposing and performing a visual inspection to verify that the components installed match validation records and to verify the pressure ratings of pressure rated components.

Missing facility information will be field verified during routine maintenance activities to confirm components match installation drawings and determine unknown facility components.

Downrate

In some cases where Cascade has insufficient information to validate current MAOP, Cascade will lower the existing MAOP to a level where records are available to establish a lower MAOP.

Integrity Management (DIMP/TIMP)

To address critical missing information, Cascade will utilize its Distribution Integrity Management Program (DIMP) and TIMP to address risks associated with missing critical information. Two specific areas where DIMP and TIMP will be utilized, is to address UNVALID segments with missing 49 CFR 192.517 records and pipeline segments with missing component information with a valid pressure test. Upon completion of MAOP validation, Cascade's TIMP and DIMP will be updated as required to account for missing critical information.

Missing 49 CFR 192.517 Records

Cascade plans to utilize DIMP to address missing critical information associated with missing records required by 49 CFR 192.517. Missing 49 CFR 192.517 records will be incorporated into DIMP and mitigated by incorporating the associated risk into Cascade's DIMP risk analysis model. Cascade plans to differentiate between the risk associated with a pipe that has all the required records per 49 CFR 192.517 and the same type of pipe that does not have these records. The intent is to incorporate the risk so that a pipe segment that is missing records will have a higher priority for risk mitigation than the same type of pipe that has required records, but not to increase the risk so significantly that the lack of records would raise the priority of the pipe

segment above other DIMP risks with a higher likelihood and consequence of leaks (e.g. external corrosion, material failure, weld, or joint failure).

Missing Component Information with Pressure Test

Cascade plans to utilize DIMP to address pipeline segments which have pressure test records but are missing component information. An action plan will be developed in DIMP to address missing component information by exposing and verifying an appropriate sample size of pipeline segments with similar parameters (e.g. type of missing critical information, year installed, district, and MAOP). From the results of the sampling Cascade will establish a confidence level from the information gathered and will evaluate if additional excavation and verification is required to verify remaining missing information. Subject Matter Expert's (SME) information will also be gathered and utilized. A large portion of this information will be obtained from other actions required in this plan.

Accept Most Stringent Criteria

Cascade will accept and operate a pipeline segment using the most stringent criteria as allowed by 49 CFR 192.107 and 192.111 when values are unknown. Cascade will use the most conservative values for wall thickness, pipe grade, and seam factor as allowed to calculate the design pressure and percent SMYS.

Uprate Records

Uprate records will be incorporated into the plan as records are discovered that indicate an uprate occurred. Pipeline segments which were part of the uprate will be reviewed and evaluated to determine if pipeline characteristics defined in 49 CFR 192.105 are unknown. If unknown pipe characteristics exist, 49 CFR 192.619 (a) (1) (i) and (ii) will be applied for the design pressure. If the MAOP designation of a segment changes to unvalidated, the segment will be incorporated into the plan and the segment will be validated per the plan.

5. PRIORITIZATION

To determine the prioritization of MAOP validation efforts, Cascade prepared a risk matrix to individually evaluate each transmission and HP distribution pipeline segment with missing critical information. Components of the priority matrix include:

- Percent SMYS of pipe and fittings based on most stringent criteria for missing pipe characteristics
- Available pressure test records
- Number of High Consequence Areas (HCAs) on pipeline segment
- Segment class location
- Low frequency ERW and unknown seam types when percent SMYS > 25%
- Pipe vintage with special consideration for pre-code pipe with unknown characteristics
- Pipe material, installation characteristics, or maintenance records that indicate increased risk
- Length of segment

The risk matrix produced a total risk score for each pipeline segment. The risk score was used as a basis for determining prioritization of validation of each of the pipeline segments identified as missing critical

information to validate MAOP. Factors outside of the risk score will also be considered and evaluated to determine the most effective and timely way to address pipeline segments with a higher risk.

In general, pre-code pipeline segments operating at greater than 30% SMYS without pressure test records are the highest priorities, with subsequent priorities influenced by overall percent SMYS and the availability of pressure test records.

6. SCHEDULE

The time frame for completion of action required for MAOP validation for each transmission and HP distribution pipeline segment with missing critical information is outlined below. The priority matrix and total risk score was the basis for the scheduling of action plans.

From the priority matrix, the total risk score for all pipeline segments ranged from 10.13 to 199.91, with an average risk score of 43.54. In comparison, the total risk score for the previously identified 116 segments ranged from 44.87 to 199.91. Through this review, segments were identified with a higher total risk score than the lowest risk score of the 116 segments. For the basis of developing the schedule for the additional segments, Cascade used 49.01 as the risk score level for determining when MAOP validation action would be completed. Only one of the 116 segments had a risk score lower than 49.01, this segment's risk score was not used due to the relative risk compared to the risk scores of the other 116 segments.

TABLE 10: UNVALID SEGMENT COUNT BY TOTAL RISK SCORE

	Segment Count	Mileage (miles)
116 Segments*	98	158.6
New Segments Addressed w/ 116 Segment**	344	3.3
New Segments Not Addressed w/ 116 Segment, Total Risk Score greater than 49.01**	256	6.7
New Segments Not Addressed w/ 116 Segment, Total Risk Score less than 49.01**	541	7.8
New Segments w/ Missing 192.517 Records	227	13.5
New Segments w/ Missing Component Information with Pressure Test	1,185	79.7
Total	**2,651**	**269.6**

* Remaining 116 Segment (PG-150120 Settlement Agreement) count and mileage.

** Segments with Missing Pressure Test Records and Current MAOP not consistent with 49 CFR 192.619.

116 Segments (PG-150120 Settlement Agreement)

For the 116 pipeline segments identified as missing critical information necessary for documenting the basis for validation of MAOP:

- Cascade will document the basis for validation of the MAOP on at least 50% of the mileage by December 31, 2018.
- Cascade will document the basis for validation of the MAOP on 100% of the mileage by December 31, 2023.
- Cascade has completed and documented MAOP validation on five of the 116 segments currently operating at 30% SMYS or above that were missing critical information necessary to document the basis for validation of MAOP.

New Segments with Missing Pressure Test Records and Current MAOP not consistent with 192.619

For newly identified pipeline segments as missing critical information necessary for documenting the basis for validation of:

- Cascade has identified new additional segments currently operating at 30% SMYS or above that are missing critical information to document the basis for validation of MAOP. Cascade will complete validation of new additional segments by December 31, 2019.
- Cascade will complete and document MAOP validation on segments with a total risk score greater than 49.01, by December 31, 2023.
- Cascade will complete and document MAOP validation on segments with a total risk score less than 49.01, by December 31, 2028.

Missing 49 CFR 192.517 Records

Cascade will develop its plan to address pipeline segments missing 49 CFR 192.517 records by December 31, 2018. Missing 192.517 records will be incorporated into DIMP and included in the 2019 DIMP model run.

Missing Component Information with Pressure Test

Cascade will develop its plan to address pipeline segments that have pressure test records but are missing component information by December 31, 2018. Initiation of field verification plan will begin in 2019 and be completed by December 31, 2028.

Facilities

Cascade will perform field verification of facilities during routine maintenance beginning in 2018 with completion by the end of 2020. MAOP validation on all facilities that are missing critical information will be completed by December 31, 2028. Priority of field verification and action will be based on percent SMYS.

7. PROCESS FOR CORRECTIVE ACTIONS AND UPDATE TO PLAN

Cascade will continue to evaluate all current and future transmission and HP distribution pipelines on an ongoing basis to verify that critical information used to validate MAOP is known and to identify when immediate corrective actions are required. Existing pipelines will be evaluated annually by Cascade's System Integrity group through the DIMP plan and model. The plan and model will be reviewed annually to ensure that information obtained as part of this MAOP Validation & Determination Plan is incorporated. Continuous review of existing pipeline segments will be ongoing, and if any critical information necessary to validate MAOP is discovered to be insufficient, corrective actions will be taken and the pipeline segment will be incorporated into the plan.

Cascade will continue to submit to Commission Staff a written status report every six months, providing updates on progress of this plan.

8. FINDINGS

Results of the MAOP review are presented in the attached spreadsheets.

- Attachment 1: Pipeline MAOP Summary

TABLE 11: PIPELINE SEGMENT MAOP DESIGNATION SUMMARY

MAOP Designation	Count	Pipe Length (Miles)
VALID	525	329.7
UNVALID	2,651	269.6
TOTAL	**3,176**	**599.3**

- Attachment 2: Facility MAOP Summary

TABLE 12: FACILITY MAOP DESIGNATION SUMMARY

MAOP Designation	Count
VALID	476
UNVALID	336
TOTAL	**812**

Column descriptions for each spreadsheet can be found below.

Attachment 1: Pipeline MAOP Summary

Critical missing information for pipeline segments are shown as yellow cells, percent SMYS values greater than or equal to 20% SMYS are shown as orange cells.

Work Order #	Work order number associated with the feature.
Segment Name	Name of the pipeline segment.
Existing MAOP	Existing MAOP of the pipeline segment.
Class Location (1,2,3,4)	Class location of segment.
Uprate (YES/NO)	Segment part of an uprate.
Design Pressure 192.619 (a) (1) (psig)	Minimum calculated design pressure of the pipeline segment using “Class Location Design Factor,” “Outside Diameter,” “Wall Thickness,” “SMYS,” and “Longitudinal Joint Factor.”
Test Pressure (psig)	Minimum test pressure from pressure test in psig.
Test Pressure 192.619 (a) (2) (psig)	Minimum MAOP established by pressure test, test pressure divided by the appropriate class location factor from 49 CFR 192.619 (a) (2).
Pressure Class Rating (psig)	Minimum pressure rating of pressure rated components.
Hi-5 Pressure (psig) 192.619 (a) (3)	Highest actual operating pressure of pipeline segment between July 1, 1965 and June 30, 1970.
MAOP per 192.619 (psig)	Minimum MAOP for pipeline segment from “Design Pressure 192.619 (a) (1) (psig),” “Test Pressure 192.619 (a) (2) (psig),” “Pressure Class Rating (psig),” and “Hi-5 Pressure (psig) 192.619 (a) (3).”
Meets 192.619	Segment meets criteria of 49 CFR 192.619 and MAOP is greater than or equal to existing MAOP.

Meets 192.517	Segment pressure test includes items necessary to meet the criteria of 49 CFR 192.517.
MAOP Designation	MAOP designation of segment, “VAILD” or “UNVALID.”
Max Outside Diameter, OD1 (inches)	Maximum outside diameter of pipe installed under work order # in inches.
Min Wall Thickness, WT1 (inches)	Minimum wall thickness of maximum outside diameter of pipe installed under work order # in inches.
Min SMYS, SMYS1 (psig)	Minimum yield strength of maximum outside diameter of pipe installed under work order # in inches.
Min Longitudinal Joint Factor, E1 (E)	Minimum longitudinal joint factor of maximum outside diameter of pipe installed under work order # in inches.
Unknown Pressure Rated Fitting (YES/NO)	Segment contains components with unknown pressure rating.
Fittings w/ Assumed SMYS (YES/NO)	Segment contains fittings with unknown yield strength (24,000 psig).
Fittings w/ Assumed Joint Factor (YES/NO)	Segment contains fittings with unknown longitudinal joint factor.
Max Pipe % SMYS	Maximum pipe percent SMYS of segment.
Max Fitting % SMYS	Maximum fitting percent SMYS of segment.
Install Date (Year)	Year segment installed.
Pipe Length (Feet)	Length of segment in feet.
Total Risk Score	Total risk score from decision matrix.
Action Plan	Action plan for MAOP validation.
Action Year	Action year for MAOP validation.

Attachment 2: Facility MAOP Summary

Work Order #	Work order number associated with the feature.
Facility ID	Cascade facility ID of facility.
Facility Type	Type of facility that is related to the feature. (Odorizer, Regulator, Valve Setting, Meter Station)
Existing Inlet MAOP (psig)	Existing Inlet MAOP of Facility.
Existing Outlet MAOP (psig)	Existing Outlet MAOP of Facility.
Class Location (1,2,3,4)	Class location of facility.
Design Pressure 192.619 (a) (1) (psig)	Minimum calculated design pressure of the facility using “Class Location Design Factor,” “Outside Diameter,” “Wall Thickness,” “SMYS,” and “Longitudinal Joint Factor.”
Test Pressure (psig)	Minimum test pressure from pressure test in psig.
Test Pressure 192.619 (a) (2) (psig)	Minimum MAOP established by pressure test, test pressure divided by the appropriate class location factor from 49 CFR 192.619 (a) (2).
Pressure Class Rating (psig)	Minimum pressure rating of pressure rated components.
MAOP per 192.619 (psig)	Minimum MAOP for pipeline segment from “Design Pressure 192.619 (a) (1) (psig),” “Test Pressure 192.619 (a) (2) (psig),” “Pressure Class Rating (psig),” and “Hi-5 Pressure (psig) 192.619 (a) (3)”.

MAOP Designation	MAOP designation of segment, “VAILD” or “UNVALID.”
Max % SMYS	Maximum percent SMYS of facility.

Work Order #	Segment Name	Existing MAOP (psig)	Class Location (1,2,3,4)	Uprate (YES/NO)	Design Pressure 192.619 (a) (1) (psig)	Test Pressure (psig)	Test Pressure 192.619 (a) (2) (psig)	Pressure Class Rating (psig)	Hi-5 Pressure (psig) 192.619 (a) (3)	MAOP per 192.619 (psig)	Meets 192.619	Meets 192.517	MAOP Designation	Max Outside Diameter, OD1 (inches)	Min Wall Thickness, WT1 (inches)	Min SMYS, SMYS1 (psig)	Min Longitudinal Joint Factor, E1 (E)	Unknown Pressure Rated Fitting (YES/NO)	Fittings w/ Assumed SMYS (YES/NO)	Fittings w/ Assumed Joint Factor (YES/NO)	Max Pipe % SMYS	Max Fitting % SMYS	Install Date (Year)	Pipe Length (Feet)	Total Score	Action Plan	Action Year
50202-T	009-V-045, 046, 051, 053	499	3		418	0	0	720		0			UNVALID	8.625	0.188	24000	0.8	NO	YES	YES	47.69%	47.69%	1996	193.0	143.19	Pressure Test/Replace	2018-2019
20C6308	8" Kitsap Line	366	3		802	750	535	250		250		NA	UNVALID	8.625	0.188	46000	0.8	NO	NO	YES	18.25%	18.25%	1963	18,760.2	86.25	116 Segment, Expose/Verify	2016
50202	009-V-043, 044, 047, 048, 049, 050	499	3		376	750	500	UNKV		376			UNVALID	12.75	0.25	24000	0.8	YES	YES	YES	53.02%	53.02%	1996	62.9	117.52	In-Situ Test	2018-2019
44000-T	8" Kitsap Line (Shomocker Creek, 009-V-045)	499	3		418	1080	720	UNKV		418		X	UNVALID	8.625	0.188	24000	0.8	YES	YES	YES	47.69%	16.03%	1995	15.2	112.69	116 Segment, Expose/Verify	2017
20C6308 (R-11)	009-R-011	809	3		1373	0	0	1440		0			UNVALID	8.625	0.322	46000	0.8	NO	NA	NA	23.55%	NA	1964	24.2	108.05	Pressure Test/Replace	2018-2023
77C6321	4" Montesano H.P. Distribution System	135	3		499	0	0	NA		0			UNVALID	4.5	0.156	24000	0.6	NO	NA	NA	8.11%	NA	1964	1,763.7	85.11	116 Segment, Replace	2023
75C6817	009-R-001	305	3		1183	0	0	NA		0			UNVALID	6.625	0.28	35000	0.8	NO	NO	YES	10.31%	10.31%	1964	25.0	82.31	Pressure Test/Replace	2018-2023
75C6312	009-V-009, 015, 037, 038	150	3		499	0	0	720		0			UNVALID	8.625	0.322	35000	0.8	NO	YES	YES	9.01%	9.01%	1965	62.5	77.51	Pressure Test/Replace	2018-2023
20C6308 (R-12)	Inlet 009-R-012	366	3		1106	0	0	NA		0			UNVALID	4.5	0.237	35000	0.6	NO	NA	NA	9.93%	NA	1964	27.5	75.43	Pressure Test/Replace	2018-2023
41639	Inlet 009-R-035	250	3		499	0	0	NA		0			UNVALID	4.5	0.156	24000	0.6	NO	NA	NA	15.02%	NA	1992	31.1	71.52	Pressure Test/Replace	2018-2023
44000	12" Kitsap H.P. Line	499	3		1017	1080	720	250		250		X	UNVALID	12.75	0.312	52000	0.8	NO	NO	YES	19.61%	16.31%	1995	35,827.6	70.61	116 Segment, Expose/Verify	2017
22551	Inlet 009-R-022	155	3		499	0	0	NA		0			UNVALID	4.5	0.156	24000	0.6	NO	NA	NA	9.31%	NA	1973	2.8	70.31	Pressure Test/Replace	2018-2023
78C7902	2" Elma Rendering Plant H.P. Line	150	3		933	0	0	UNKV		0			UNVALID	2.375	0.154	35000	0.6	YES	YES	YES	3.30%	4.82%	1964	5,906.0	69.32	116 Segment, Replace	2022
1265	Inlet M&R CC000112	250	3		499	0	0	NA		0			UNVALID	4.5	0.156	24000	0.6	NO	NA	NA	15.02%	NA	2001	82.7	67.02	Pressure Test/Replace	2018-2023
50200 (V-54)	009-V-054	499	3		1223	0	0	NA		0			UNVALID	12.75	0.375	52000	0.8	NO	NA	NA	16.31%	NA	1997	30.6	66.31	Pressure Test/Replace	2018-2023
18828	Inlet 009-R-032	499	3		1193	300	200	1440		200			UNVALID	2.375	0.154	35000	0.6	NO	NA	NA	12.54%	NA	1971	187.3	65.54	Pressure Test/Replace	2018-2023
1863500	HPSS 1863500	499	3		1549	100	71	UNKV		71			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	9.66%	NA	1966	22.4	62.16	Pressure Test/Replace	2018-2023
1863530	HPSS 1863530	499	3		1549	0	0	UNKV		0			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	9.66%	NA	1993	24.3	60.66	Pressure Test/Replace	2018-2023
4320771326	HPSS 2522359	150	3		933	0	0	UNKV		0			UNVALID	2.375	0.154	24000	0.6	YES	YES	YES	4.82%	4.82%	1964	409.0	60.32	Addressed w/ 116 Segment	2022
1811600	HPSS 1811600	499	3		1549	0	0	UNKV		0			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	9.66%	NA	1994	15.1	60.16	Pressure Test/Replace	2018-2023
14845	Inlet 009-R-015	366	3		1193	100	66	1440		66			UNVALID	1.315	0.109	24000	0.6	NO	NA	NA	9.20%	NA	1968	7.3	59.70	Pressure Test/Replace	2018-2023
1811611	HPSS 1811611	499	3		1549	0	0	UNKV		0			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	9.66%	NA	1996	60.2	59.16	Pressure Test/Replace	2018-2023
1655	Inlet M&R 25776	100	3		499	0	0	UNKV		0			UNVALID	4.5	0.156	24000	0.6	YES	YES	YES	6.01%	6.01%	1989	28.0	59.01	Pressure Test/Replace	2018-2023
9867583287	Service Stub	155	3		1549	0	0	UNKV		0			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.00%	NA	1963	0.0	58.50	Pressure Test/Replace	2018-2023
2522359	HPSS 2522359	150	3		1549	0	0	UNKV		0			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.90%	NA	1964	5.0	57.40	Addressed w/ 116 Segment	2022
2522364	HPSS 2522364	150	3		1549	0	0	UNKV		0			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.90%	NA	1964	40.6	57.40	Pressure Test/Replace	2018-2023
25775	2" Elma (RHD) H.P. Line	100	3		499	100	66	1440		66			UNVALID	2.375	0.154	35000	0.6	NO	YES	YES	2.20%	6.01%	1978	1,572.7	57.01	116 Segment, Downrate	2018
C0067138	Inlet 009-R-042	305	3		933	0	0	1440		0			UNVALID	2.375	0.154	24000	0.6	NO	YES	YES	9.80%	9.80%	2001	29.0	56.80	Pressure Test/Replace	2018-2023
19313	Inlet 009-R-018	499	3		1549	100	66	1200		66			UNVALID	1.05	0.113	24000	0.6	NO	NA	NA	9.66%	NA	1971	9.1	56.66	Pressure Test/Replace	2018-2023
1864030	HPSS 1864030	499	3		1549	100	66	UNKV		66			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	9.66%	NA	1971	3.0	56.66	Pressure Test/Replace	2018-2023
10442	Inlet 009-R-013	155	3		1193	0	0	UNKV		0			UNVALID	1.315	0.109	24000	0.6	YES	NA	NA	3.90%	NA	1966	28.5	56.40	Pressure Test/Replace	2018-2023
186015	Inlet 009-R-055	499	3		1569	0	0	720		0			UNVALID	6.625	0.25	52000	0.8	NO	NO	YES	12.71%	11.35%	2011	32.2	55.71	Pressure Test/Replace	2018-2023
1864029	HPSS 1864029	499	3		1549	100	66	UNKV		66			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	9.66%	NA	1980	5.2	52.16	Pressure Test/Replace	2018-2023
C0068316	8" Kitsap Line	366	3		811	950	633	NA		633	X		UNVALID	8.625	0.25	35000	0.8	NO	YES	YES	18.04%	9.20%	2002	176.2	50.54	DIMP/TIMP, Missing 192.517	2018-2019
C0074544	4" Satsop H.P. Line	305	3		499	1000	666	NA		499	X		UNVALID	4.5	0.156	24000	0.6	NO	YES	YES	18.33%	18.33%	2005	151.8	49.33	DIMP/TIMP, Missing 192.517	2018-2019
2440103	HPSS 2440103	305	3		1549	100	66	UNKV		66			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	5.90%	NA	1979	19.0	48.90	Pressure Test/Replace	2024-2028
C0070660	Inlet 009-R-043	250	3		1361	0	0	1440		0			UNVALID	2.375	0.154	35000	0.6	NO	NO	YES	5.51%	5.51%	2003	144.4	48.51	Pressure Test/Replace	2024-2028
2083832	Service Stub	150	3		1549	100	66	UNKV		66			UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	2.90%	2.90%	1964	42.1	48.40	Pressure Test/Replace	2024-2028
2083850	HPSS 2083850	150	3		1549	100	66	UNKV		66			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.90%	NA	1964	69.1	48.40	Pressure Test/Replace	2024-2028
2522365	HPSS 2522365	150	3		1549	90	60	UNKV		60			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.90%	NA	1964	37.1	48.40	Pressure Test/Replace	2024-2028
1864070	HPSS 1864070	499	3		1549	600	400	UNKV		400			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	9.66%	NA	1989	15.0	47.66	Pressure Test/Replace	2024-2028
186016	Outlet 009-R-055	366	3		1553	0	0	720		0			UNVALID	6.625	0.25	52000	0.8	NO	NO	YES	9.33%	9.43%	2011	31.5	47.43	Pressure Test/Replace	2024-2028
2084002	Inlet 009-R-048	150	3		1549	100	66	275		66			UNVALID	1.05	0.113	24000	0.6	NO	NA	NA	2.90%	NA	1965	18.0	47.40	Pressure Test/Replace	2024-2028
2083826	Service Stub	150	3		1549	100	71	UNKV		71			UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	2.90%	2.90%	1965	42.1	47.40	Pressure Test/Replace	2024-2028
2083836	Service Stub	150	3		1549	100	71	UNKV		71			UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	2.90%	2.90%	1965	42.1	47.40	Pressure Test/Replace	2024-2028
186014	Outlet 009-R-055	366	3		1569	0	0	NA		0			UNVALID	6.625	0.25	52000	0.8	NO	NA	NA	9.33%	NA	2011	18.2	47.33	Pressure Test/Replace	2024-2028
2440105	HPSS 2440105	135	3		1549	100	71	UNKV		71			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.61%	NA	1965	30.7	47.11	Addressed w/ 116 Segment	2023
2250	HPSS 2250	150	3		499	100	66	UNKV		66			UNVALID	4.5	0.156	24000	0.6	YES	NA	NA	9.01%	NA	1989	2.0	47.01	Pressure Test/Replace	2024-2028
1820850	HPSS 1820850	155	3		1549	100	71	UNKV		71			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.00%	NA	1966	13.1	46.50	Pressure Test/Replace	2024-2028
2522385	HPSS 2522385	150	3		1549	100	71	UNKV		71			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.90%	NA	1966	31.5	46.40	Pressure Test/Replace	2024-2028
13617	Inlet 009-R-003	150	3		1193	100	71	1200		71			UNVALID	1.315	0.109	24000	0.6	NO	YES	YES	3.77%	3.77%	1967	39.6	46.27	Pressure Test/Replace	2024-2028
1867002	HPSS 1867002	499	3		1549	700	466	UNKV		466			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	9.66%	NA	1992	30.0	46.16	Pressure Test/Replace	2024-2028
1864071	HPSS 1864071	499	3		1549	630	420	UNKV		420			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	9.66%	NA	1993	14.7	45.66	Pressure Test/Replace	2024-2028
2083818	HPSS 2083818	150	3		1549	100	71	UNKV		71			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.90%	NA	1967	42.1	45.40	Pressure Test/Replace	2024-2028
2083820	HPSS 2083820	150	3		1549	100	71	UNKV		71			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.90%	NA	1967	42.1	45.40	Pressure Test/Replace	2024-2028
2083830	HPSS 2083830	150	3		1549	100	71	UNKV		71			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.90%	NA	1967	18.0	45.40	Pressure Test/Replace	2024-2028
2522180	HPSS 2522180	150	3		1193	100	71	UNKV		71			UNVALID	1.315	0.109	24000	0.6	YES	NA	NA	3.77%	NA	1968	44.2	45.27	Pressure Test/Replace	2024-2028
1863479	HPSS 1863479	499	3		1549	100	66	UNKV		66			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	9.66%	NA	1996	101.8	45.16	Pressure Test/Replace	2024-2028
1850055	HPSS 1850055	499	3		1549	110	73	UNKV		73			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	9.66%	NA	1995	29.9	44.66	Pressure Test/Replace	2024-2028
2083821	HPSS 2083821	150	3		1549	120	80	UNKV		80			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.90%	NA	1968	42.0	44.40	Pressure Test/Replace	2024-2028
2522390	HPSS 2522390	150	3		1549	100	71	UNKV		71			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.90%	NA	1968	18.3	44.40	Pressure Test/Replace	2024-2028
2363651033	HPSS 2363651033	150	3		1549	100	71	UNKV		71			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.90%	NA	1968	38.1	44.40	Pressure Test/Replace	2024-2028
2083825	HPSS 2083825	150	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.90%	NA	1967	18.0	44.40	Expose/Verify, DIMP/TIMP	2018-2028
223505 - IN	Inlet 009-R-061	809	3		1792	2	1	1440		1			UNVALID	8.625	0.322	60000	0.8	NO	NO	YES	18.06%	18.06%	2015	70.5	44.06	Pressure Test/Replace	2024-2028
1441720037	HPSS 1441720037	250	3		933	120	80	UNKV		80			UNVALID	2.375	0.154	24000	0.6	YES	NA	NA	8.03%	NA	1993	54.5	44.03	Pressure Test/Replace	2024-2028
47604	Inlet 009-R-038	366	3		877	750	500	NA		500	X		UNVALID	4.5	0.188	35000	0.6	NO	NO	YES	12.52%	9.93%	1994	44.6	44.02	DIMP/TIMP, Missing 192.517	2018-2019
1810852	HPSS 1810852	155	3		1549	100	71	UNKV		71			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.00%	NA	1969	12.0	43.50	Pressure Test/Replace	2024-2028
19874	Main Stub, 785-CA-011	155	3		933	100	66	250		66			UNVALID	2.375	0.154	35000	0.6	NO	YES	YES	3.41%	4.98%	1972	113.8	43.48	Pressure Test/Replace	2024-2028
2083475	HPSS 2083475	150	3		1549	100	71	UNKV		71			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.90%	NA	1969	18.0	43.40	Pressure Test/Replace	2024-2028
2522330	HPSS 2522330	150	3		1549	100	71	UNKV		71			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.90%	NA	1969	52.0	43.40	Addressed w/ 116 Segment	2022
2522369	Service Stub	150	3		1549	100	71	UNKV		71			UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	2.90%	2.90%	1969	43.6	43.40	Pressure Test/Replace	2024-2028
2522410	HPSS 2522410	150	3		1549	100	71	UNKV		71			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.90%	NA	1969	43.2	43.40	Pressure Test/Replace	2024-2028
1863511	HPSS 1863511	499	3		1549	100	66	UNKV		66			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	9.66%	NA	1998	57.1	43.16	Pressure Test/Replace	2024-2028
39577	Inlet 009-R-030	499	3		1361	750	500	1440		500	X		UNVALID	2.375	0.154	35000	0.6	NO	NO	YES	10.99%	10.99%	1993	14.7	42.99	DIMP/TIMP, Missing 192.517	2018-2019
47595	Inlet 009-R-027	499	3		1361	750	500	1440		500	X		UNVALID	2.375	0.154	35000	0.6	NO	NO	YES	10.99%	10.99%	1994	22.4	42.49	DIMP/TIMP, Missing 192.517	2018-2019
2490045	HPSS 2490045	305	3		1549	120	80	UNKV		80			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	5.90%	NA	1992	36.0	42.40	Pressure Test/Replace	2024-2028
2083890	HPSS 2083890	150	3		1549	100	71	UNKV		71			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.90%	NA	1970	16.5	42.40	Pressure Test/Replace	2024-2028
1863480	HPSS 1863480	499	3		1549	900	600	UNKV		600	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	9.66%	NA	1990	34.1	42.16	Expose/Verify, DIMP/TIMP	2018-2028
1863520	HPSS 1863520	499	3		1549	900	600	UNKV		600	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	9.66%	NA	1990	33.4	42.16	Expose/Verify, DIMP/TIMP	2018-2028
39870	Inlet 009-R-021	125	3		933	0	0	1440		0			UNVALID	2.375	0.154	24000	0.6	NO	NA	NA	4.02%	NA	1991	39.0	41.02	Pressure Test/Replace	2024-2028
2083855	HPSS 2083855	150	3		1549	100	66	UNKV		66			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.90%	NA	1971	18.1	40.90	Pressure Test/Replace	2024-2028
2521905	HPSS 2521905	150	3		1549	0	0	UNKV		0			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.90%	NA	1989	89.0	40.90	Pressure Test/Replace	2024-2028
2490958	HPSS 2490958	305	3		1549	100	66	UNKV		66			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	5.90%	NA	1996	40.8	40.40	Pressure Test/Replace	2024-2028

Work Order #	Segment Name	Existing MAOP (psig)	Class Location (1,2,3,4)	Uprate (YES/NO)	Design Pressure 192.619 (a) (1) (psig)	Test Pressure (psig)	Test Pressure 192.619 (a) (2) (psig)	Pressure Class Rating (psig)	Hi-5 Pressure (psig) 192.619 (a) (3)	MAOP per 192.619 (psig)	Meets 192.619	Meets 192.517	MAOP Designation	Max Outside Diameter, OD1 (inches)	Min Wall Thickness, WT1 (inches)	Min SMYS, SMYS1 (psig)	Min Longitudinal Joint Factor, E1 (E)	Unknown Pressure Rated Fitting (YES/NO)	Fittings w/ Assumed SMYS (YES/NO)	Fittings w/ Assumed Joint Factor (YES/NO)	Max Pipe % SMYS	Max Fitting % SMYS	Install Date (Year)	Pipe Length (Feet)	Total Score	Action Plan	Action Year
1863487	HPSS 1863487	499	3		1549	910	1	UNKV		1			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	9.66%	NA	2005	32.9	39.66	Pressure Test/Replace	2024-2028
2083843	HPSS 2083843	150	3		1549	100	66	UNKV		66			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.90%	NA	1974	18.0	39.40	Pressure Test/Replace	2024-2028
2083846	HPSS 2083846	150	3		1549	300	200	UNKV		200	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.90%	NA	1972	18.0	39.40	Expose/Verify, DIMP/TIMP	2018-2028
C0080941	8" Grays Harbor H.P. Line	305	3		973	830	553	720		553	X		UNVALID	8.625	0.25	42000	0.8	NO	NO	YES	12.53%	11.67%	2006	225.6	39.03	DIMP/TIMP, Missing 192.517	2018-2019
203116	Inlet 009-R-050	150	3		2260	100	71	NA		71			UNVALID	1.05	0.113	35000	0.6	NO	NA	NA	1.99%	NA	1969	19.0	38.49	Pressure Test/Replace	2024-2028
2440025	HPSS 2440025	305	3		1549	900	600	UNKV		600	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	5.90%	NA	1991	39.8	37.90	Expose/Verify, DIMP/TIMP	2018-2028
26452	Main Stub	100	3		933	100	66	250		66			UNVALID	2.375	0.154	35000	0.6	NO	YES	YES	2.20%	3.21%	1978	18.0	37.71	Addressed w/ 116 Segment	2018
223505 - OUT	Outlet 009-R-061	305	3		1205	2	1	720		1			UNVALID	8.625	0.25	52000	0.8	NO	NO	YES	10.12%	7.86%	2015	181.8	37.12	Pressure Test/Replace	2024-2028
2490046	HPSS 2490046	305	3		1549	90	1	UNKV		1			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	5.90%	NA	2003	17.0	36.90	Pressure Test/Replace	2024-2028
2440036	HPSS 2440040	135	3		1549	100	66	UNKV		66			UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	2.61%	2.61%	1979	10.0	36.61	Addressed w/ 116 Segment	2023
45256	Inlet 009-R-036	366	3		1361	750	500	NA		500	X		UNVALID	2.375	0.154	35000	0.6	NO	NO	YES	8.06%	8.06%	1993	23.5	35.06	DIMP/TIMP, Missing 192.517	2018-2019
2440035	HPSS 2440035	135	3		1549	100	66	UNKV		66			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.61%	NA	1983	20.0	34.61	Addressed w/ 116 Segment	2023
46522	Inlet 009-R-037	366	3		1361	750	500	1440		500	X		UNVALID	2.375	0.154	35000	0.6	NO	NA	NA	8.06%	NA	1994	27.2	34.56	DIMP/TIMP, Missing 192.517	2018-2019
C0080671	Inlet 009-R-054	250	3		1549	0	0	UNKV		0			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	2006	21.7	34.34	Pressure Test/Replace	2024-2028
C0079627	Inlet 009-R-046	305	3		933	905	603	1440		603	X		UNVALID	2.375	0.154	24000	0.6	NO	YES	YES	9.80%	9.80%	2006	9.2	34.30	DIMP/TIMP, Missing 192.517	2018-2019
2083831	HPSS 2083831	150	3		1549	100	66	UNKV		66			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.90%	NA	1985	18.0	33.90	Pressure Test/Replace	2024-2028
1853460	HPSS 1853460	125	3		1549	100	66	UNKV		66			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.42%	NA	1985	58.1	33.42	Pressure Test/Replace	2024-2028
1853450	HPSS 1853450	125	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.42%	NA	1984	47.0	32.92	Expose/Verify, DIMP/TIMP	2018-2028
2520004	HPSS 2520004	305	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	5.90%	NA	2001	13.0	32.90	Expose/Verify, DIMP/TIMP	2018-2028
2520005	HPSS 2520005	305	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	5.90%	NA	2001	15.0	32.90	Expose/Verify, DIMP/TIMP	2018-2028
2490020	HPSS 2490020	100	3		1549	100	66	UNKV		66			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	1.94%	NA	1986	51.2	32.44	Addressed w/ 116 Segment	2018
2520001	HPSS 2520001	305	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	5.90%	NA	2002	23.0	32.40	Expose/Verify, DIMP/TIMP	2018-2028
2522347	HPSS 2522347	150	3		1549	100	66	UNKV		66			UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	2.90%	2.90%	1988	39.9	32.40	Addressed w/ 116 Segment	2022
2083960	HPSS 2083960	150	3		1549	450	300	UNKV		300	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.90%	NA	1989	166.0	31.90	Expose/Verify, DIMP/TIMP	2018-2028
1854415	HPSS 1854415	250	3		1549	120	80	UNKV		80			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1993	15.0	31.84	Pressure Test/Replace	2024-2028
1854416	HPSS 1854416	250	3		1549	100	66	UNKV		66			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1995	157.0	31.84	Pressure Test/Replace	2024-2028
2520006	HPSS 2520006	305	3		1549	755	503	UNKV		503	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	5.90%	NA	2004	20.3	31.40	Expose/Verify, DIMP/TIMP	2018-2028
2522360	HPSS 2522360	150	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.90%	NA	1990	118.6	31.40	Expose/Verify, DIMP/TIMP	2018-2028
2522366	HPSS 2522366	150	3		1549	900	600	UNKV		600	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.90%	NA	1991	201.0	30.90	Expose/Verify, DIMP/TIMP	2018-2028
1854425	HPSS 1854425	250	3		1549	100	66	UNKV		66			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1995	20.0	30.84	Pressure Test/Replace	2024-2028
29119	Inlet 009-R-024	150	3		2260	100	66	1440		66			UNVALID	1.05	0.113	35000	0.6	NO	NA	NA	1.99%	NA	1982	10.4	30.49	Addressed w/ 116 Segment	2022
32090	Inlet 009-R-051	155	3		1361	100	66	250		66			UNVALID	2.375	0.154	35000	0.6	NO	NA	NA	3.41%	NA	1985	21.3	30.41	Pressure Test/Replace	2024-2028
2522416	HPSS 2522416	305	3		1549	905	603	UNKV		603	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	5.90%	NA	2006	23.4	30.40	Expose/Verify, DIMP/TIMP	2018-2028
2083827	HPSS 2083827	150	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.90%	NA	1990	18.0	30.40	Expose/Verify, DIMP/TIMP	2018-2028
2083828	HPSS 2083828	150	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.90%	NA	1990	59.0	30.40	Expose/Verify, DIMP/TIMP	2018-2028
1854417	HPSS 1854417	250	3		1549	100	66	UNKV		66			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1996	19.0	30.34	Pressure Test/Replace	2024-2028
1854600	HPSS 1854600	250	3		1549	450	300	UNKV		300	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1994	80.0	30.34	Expose/Verify, DIMP/TIMP	2018-2028
1811700	HPSS 1811700	155	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.00%	NA	1991	19.1	30.34	Expose/Verify, DIMP/TIMP	2018-2028
2490041	HPSS 2490041	100	3		1549	900	600	UNKV		600	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	1.94%	NA	1989	48.6	29.94	Expose/Verify, DIMP/TIMP	2018-2028
2083854	HPSS 2083854	150	3		1549	450	300	UNKV		300	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.90%	NA	1991	30.0	29.90	Expose/Verify, DIMP/TIMP	2018-2028
1854601	HPSS 1854601	250	3		1549	90	60	UNKV		60			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1997	73.0	29.84	Pressure Test/Replace	2024-2028
172883	Inlet 009-R-053	366	3		2123	100	66	720		66			UNVALID	1.315	0.133	35000	0.6	NO	NO	YES	5.17%	5.17%	2010	39.5	28.67	Pressure Test/Replace	2024-2028
2083915	HPSS 2083915	150	3		1549	100	66	UNKV		66			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.90%	NA	1996	20.0	28.40	Pressure Test/Replace	2024-2028
2083916	HPSS 2083916	150	3		1549	900	600	UNKV		600	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.90%	NA	1994	14.0	28.40	Expose/Verify, DIMP/TIMP	2018-2028
2522361	HPSS 23189	150	3		1549	900	600	UNKV		600	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.90%	NA	1994	8.0	28.40	Expose/Verify, DIMP/TIMP	2018-2028
2440037	HPSS 2440037	135	3		1549	650	433	UNKV		433	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.61%	NA	1994	22.1	28.11	Expose/Verify, DIMP/TIMP	2018-2028
1853376	HPSS 1853376	125	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.42%	NA	1994	11.7	27.92	Expose/Verify, DIMP/TIMP	2018-2028
2083823	HPSS 2083823	150	3		1549	900	600	UNKV		600	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.90%	NA	1995	60.1	27.90	Expose/Verify, DIMP/TIMP	2018-2028
2083824	HPSS 2083824	150	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.90%	NA	1995	40.1	27.90	Expose/Verify, DIMP/TIMP	2018-2028
2522362	HPSS 2522362	150	3		1549	500	333	UNKV		333	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.90%	NA	1995	15.0	27.90	Expose/Verify, DIMP/TIMP	2018-2028
2490010	HPSS 2490010	100	3		1549	650	433	UNKV		433	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	1.94%	NA	1994	75.0	27.44	Expose/Verify, DIMP/TIMP	2018-2028
1853375	HPSS 1853375	125	3		1549	100	66	UNKV		66			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.42%	NA	1997	49.0	27.42	Pressure Test/Replace	2024-2028
2083917	HPSS 2083917	150	3		1549	450	300	UNKV		300	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.90%	NA	1996	30.0	27.40	Expose/Verify, DIMP/TIMP	2018-2028
1841866	HPSS 1841866	155	3		1549	200	133	UNKV		133			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.00%	NA	1999	65.0	27.00	Pressure Test/Replace	2024-2028
2490042	HPSS 2490042	100	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	1.94%	NA	1995	26.8	26.94	Expose/Verify, DIMP/TIMP	2018-2028
1820825	HPSS 1820825	155	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.00%	NA	1999	10.0	26.00	Expose/Verify, DIMP/TIMP	2018-2028
2522325	HPSS 2522325	150	3		1549	90	60	UNKV		60			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.90%	NA	2001	8.2	25.90	Pressure Test/Replace	2024-2028
2522322	HPSS 2522322	150	3		1549	900	600	UNKV		600	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.90%	NA	2000	10.0	25.40	Expose/Verify, DIMP/TIMP	2018-2028
2522367	HPSS 2522367	150	3		1549	90	60	UNKV		60			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.90%	NA	2003	20.6	24.90	Pressure Test/Replace	2024-2028
1854602	HPSS 1854602	250	3		1549	375	250	UNKV		250	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	2006	57.7	24.34	Expose/Verify, DIMP/TIMP	2018-2028
2522337	HPSS 2522337	150	3		1549	90	60	UNKV		60			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.90%	NA	2006	34.0	23.40	Pressure Test/Replace	2024-2028
2083840	HPSS 2083840	150	3		1549	300	200	UNKV		200	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.90%	NA	2004	42.1	23.40	Expose/Verify, DIMP/TIMP	2018-2028
C0073773	Inlet 009-R-044	125	3		933	250	166	1440		166	X		UNVALID	2.375	0.154	24000	0.6	NO	YES	YES	4.02%	4.02%	2007	50.5	23.02	DIMP/TIMP, Missing 192.517	2018-2019
2522171	HPSS 2522171	150	3		1549	90	1	UNKV		1			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.90%	NA	2007	48.2	22.90	Pressure Test/Replace	2024-2028
2083819	HPSS 2083819	150	3		1549	500	333	UNKV		333	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.90%	NA	2005	43.0	22.90	Expose/Verify, DIMP/TIMP	2018-2028
7730671104	HPSS 7730671104	125	3		1193	87.5	58	UNKV		58			UNVALID	1.315	0.109	24000	0.6	YES	NA	NA	3.14%	NA	2011	65.0	21.14	Pressure Test/Replace	2024-2028
2082102	HPSS 2082102	150	3		1549	250	166	UNKV		166	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.90%	NA	2009	25.1	20.90	Expose/Verify, DIMP/TIMP	2018-2028
C0074005	Inlet 009-R-045	150	3		1361	300	200	1440		200	X		UNVALID	2.375	0.154	35000	0.6	NO	NO	YES	3.30%	3.30%	2005	172.9	20.30	DIMP/TIMP, Missing 192.517	2018-2019
1923328816	HPSS 1923328816	150	3		1193	760	506	UNKV		506	X	Service	UNVALID	1.315	0.109	24000	0.6	YES	NA	NA	3.77%	NA	2012	18.0	20.27	Expose/Verify, DIMP/TIMP	2018-2028
20C6308-T	8" Kitsap Line	499	3		802	750	535	720		535	X	NA	VALID	8.625	0.188	46000	0.8	NO	YES	YES	24.88%	16.03%	1964	66,884.7	113.38	Accept Most Stringent Criteria	--
75C6140	8" Grays Harbor H.P. Line	305	3		802	760	506	NA		506	X	NA	VALID	8.625	0.188	46000	0.8	NO	NO	YES	15.21%	6.81%	1964	143,179.9	92.21	Accept Most Stringent Criteria	--
907	4" Montesano H.P. Line	305	3		499	790	526	NA		499	X	NA	VALID	4.5	0.156	24000	0.6	NO	NA	NA	18.33%	NA	1964	11,441.5	89.33	Accept Most Stringent Criteria	--
78C6314	4" Elma H.P. Line	150	3		418	350	233	275		233	X	NA	VALID	8.625	0.322	46000	0.8	NO	YES	YES	9.01%	14.34%	1963	14,907.3	86.34	Accept Most Stringent Criteria	--
T0022504	8" Kitsap Line	499	3		610	1080	720	1440		610	X	X	VALID	12.75	0.312	35000	0.8	NO	NO	YES	32.70%	21.21%	2000	790.3	86.20	Accept Most Stringent Criteria	--
75C6897	6" Aberdeen H.P. Line	150	3		544	485	323	NA		323	X	NA	VALID	6.625	0.188	24000	0.8	NO	NO	YES	11.01%	1.99%	1965	6,168.7	76.01	Accept Most Stringent Criteria	--
20C6308 (V-001)	8" Kitsap Line (009-V-001)	499	3		1045	750	535	720		535	X	NA	VALID	8.625	0.322	46000	0.8	NO	NO	YES	14.53%	19.09%	1964	29.6	71.09	Accept Most Stringent Criteria	--
59753	4" Satsop H.P. Line	305	3		499	750	500	720		499	X	X	VALID	4.5	0.188	24000	0.6	NO	YES	YES	15.21%	18.33%	2001	33,153.9	70.33	Accept Most Stringent Criteria	--
21C6309	4" Shelton H.P. Line	155	3		499	350	250	NA		250	X	NA	VALID	4.5	0.156	24000	0.6	NO	YES	YES	9.31%	9.31%	1969	12,652.8	68.81	Accept Most Stringent Criteria	--
19261	8" Kitsap Line	366	3		732	780	520	720		520	X	X	VALID	8.625	0.188	42000	0.8	NO	NO	YES	19.99%	14.01%	1972	788.1	67.49	Accept Most Stringent Criteria	--
50200	12" Kitsap H.P. Line	499	3		933	1080	720	1440		720	X	X	VALID	12.75	0.312	52000	0.8	NO	YES	YES	19.61%	19.61%	1996	9,665.5	64.11	Accept Most Stringent Criteria	--
29512	8" Grays Harbor H.P. Line	305	3		811	510	340	720		340	X	X	VALID	8.625	0.25	35000	0.8	NO	NO	YES	15.03%	11.67%	1981	671.5	58.03	Accept Most Stringent Criteria	--
C0067358	12" Kitsap H.P. Line	499	3		1411	1080	720	NA		720	X	X	VALID	12.75	0.375	60000	0.8	NO	NO	YES	14.14%	14.14%	2002	13,992.9	56.64	Accept Most Stringent Criteria	--
23189	4" South Elma H.P. Line	150	3		877	750	500	720		500	X	X	VALID	4.5	0.188	35000	0.6	NO	NO	YES	5.13%	4.07%	1975	6,145.4	55.13	Accept Most Stringent Criteria	--

Work Order #	Segment Name	Existing MAOP (psig)	Class Location (1,2,3,4)	Uprate (YES/NO)	Design Pressure 192.619 (a) (1) (psig)	Test Pressure (psig)	Test Pressure 192.619 (a) (2) (psig)	Pressure Class Rating (psig)	Hi-5 Pressure (psig) 192.619 (a) (3)	MAOP per 192.619 (psig)	Meets 192.619	Meets 192.517	MAOP Designation	Max Outside Diameter, OD1 (inches)	Min Wall Thickness, WT1 (inches)	Min SMYS, SMYS1 (psig)	Min Longitudinal Joint Factor, E1 (E)	Unknown Pressure Rated Fitting (YES/NO)	Fittings w/ Assumed SMYS (YES/NO)	Fittings w/ Assumed Joint Factor (YES/NO)	Max Pipe % SMYS	Max Fitting % SMYS	Install Date (Year)	Pipe Length (Feet)	Total Score	Action Plan	Action Year
14338	2" North Shelton H.P. Line	125	3		933	600	400	1440		400	X	NA	VALID	2.375	0.154	24000	0.6	NO	YES	YES	4.02%	4.02%	1968	1,248.6	52.02	Accept Most Stringent Criteria	--
14781	2" North Shelton H.P. Line	125	3		933	180	128	NA		128	X	NA	VALID	2.375	0.154	35000	0.6	NO	YES	YES	2.75%	4.02%	1968	1,327.6	52.02	Accept Most Stringent Criteria	--
40981	4" North Shelton H.P. Line	250	3		877	600	400	NA		400	X	X	VALID	4.5	0.188	35000	0.6	NO	NO	YES	8.55%	8.55%	1992	28,678.8	51.05	Accept Most Stringent Criteria	--
183044	8" Kitsap Line	499	3		973	850	566	720		566	X	X	VALID	8.625	0.25	42000	0.8	NO	NO	YES	20.49%	12.85%	2011	129.5	49.49	Accept Most Stringent Criteria	--
180758	12" Kitsap H.P. Line	499	3		1223	1080	720	720		720	X	X	VALID	12.75	0.375	52000	0.8	NO	NO	YES	16.31%	16.31%	2011	5,930.6	49.31	Accept Most Stringent Criteria	--
58317, 57697	009-V-060, 061, 062, 063	499	3		1017	1080	720	720		720	X	X	VALID	12.75	0.312	52000	0.8	NO	NO	YES	19.61%	19.61%	2000	161.0	49.11	Accept Most Stringent Criteria	--
13523	2" North Shelton H.P. Line	125	3		1361	600	400	NA		400	X	NA	VALID	2.375	0.154	35000	0.6	NO	NA	NA	2.75%	NA	1968	2,997.2	46.75	Accept Most Stringent Criteria	--
SS000329	8" Kitsap Line (009-V-068, 069, 070)	499	3		1045	1080	720	720		720	X	X	VALID	8.625	0.322	46000	0.8	NO	NO	YES	14.53%	19.09%	2002	40.9	46.59	Accept Most Stringent Criteria	--
182291	8" Kitsap Line	499	3		1045	852	568	720		568	X	X	VALID	8.625	0.25	52000	0.8	NO	YES	YES	16.55%	19.09%	2012	108.4	46.59	Accept Most Stringent Criteria	--
46558	8" Kitsap Line	366	3		1045	750	500	720		500	X	X	VALID	8.625	0.277	46000	0.8	NO	NO	YES	12.39%	14.01%	1994	472.2	46.51	Accept Most Stringent Criteria	--
24986	4" Shelton H.P. Line	155	3		877	500	333	720		333	X	X	VALID	4.5	0.188	35000	0.6	NO	YES	YES	5.30%	4.20%	1977	112.8	45.30	Accept Most Stringent Criteria	--
40981-366	Inlet 009-R-034	366	3		877	600	400	720		400	X	X	VALID	4.5	0.188	35000	0.6	NO	NO	YES	12.52%	9.93%	1992	25.3	45.02	Accept Most Stringent Criteria	--
36730	6" Aberdeen H.P. Line	150	3		794	525	350	720		350	X	X	VALID	6.625	0.188	35000	0.8	NO	NO	YES	7.55%	5.07%	1989	1,432.3	44.05	Accept Most Stringent Criteria	--
41470	Inlet 009-R-033	499	3		1361	750	500	1440		500	X	X	VALID	2.375	0.154	35000	0.6	NO	NA	NA	10.99%	NA	1992	35.0	43.49	Accept Most Stringent Criteria	--
41120	Inlet 009-R-019	499	3		1361	750	500	1440		500	X	X	VALID	2.375	0.154	35000	0.6	NO	NA	NA	10.99%	NA	1994	31.6	42.49	Accept Most Stringent Criteria	--
SS000329	8" Kitsap Line (009-V-068, 069, 070)	366	3		1373	1080	720	NA		720	X	X	VALID	8.625	0.322	46000	0.8	NO	NA	NA	14.53%	NA	2002	17.7	42.03	Accept Most Stringent Criteria	--
SS000328	12" Kitsap Line (009-V-068, 069, 070)	499	3		1411	1080	720	1440		720	X	X	VALID	12.75	0.375	60000	0.8	NO	NO	YES	14.14%	14.14%	2002	16.0	41.64	Accept Most Stringent Criteria	--
23792	2" North Shelton H.P. Line	125	3		1361	600	400	250		250	X	X	VALID	2.375	0.154	35000	0.6	NO	NO	YES	2.75%	2.75%	1975	1,788.3	41.25	Accept Most Stringent Criteria	--
181677	8" Grays Harbor H.P. Line	305	3		1205	637	424	720		424	X	X	VALID	8.625	0.25	52000	0.8	NO	NO	YES	10.12%	7.86%	2011	1,132.7	40.62	Accept Most Stringent Criteria	--
34477	4" Elma (R.H.D.) H.P. Loop Line	100	3		877	150	100	1440		100	X	X	VALID	4.5	0.188	35000	0.6	NO	NO	YES	3.42%	2.71%	1989	1,444.1	38.92	Accept Most Stringent Criteria	--
176437	8" Grays Harbor H.P. Line	305	3		1205	840	560	720		560	X	X	VALID	8.625	0.25	52000	0.8	NO	NO	YES	10.12%	7.86%	2011	847.2	38.12	Accept Most Stringent Criteria	--
181678	8" Grays Harbor H.P. Line	305	3		1205	640	426	720		426	X	X	VALID	8.625	0.25	52000	0.8	NO	NO	YES	10.12%	7.86%	2011	656.4	38.12	Accept Most Stringent Criteria	--
181679	8" Grays Harbor H.P. Line	305	3		1205	645	430	720		430	X	X	VALID	8.625	0.25	52000	0.8	NO	NO	YES	10.12%	7.86%	2011	582.7	38.12	Accept Most Stringent Criteria	--
183985	8" Grays Harbor H.P. Line	305	3		1205	640	426	720		426	X	X	VALID	8.625	0.25	52000	0.8	NO	NO	YES	10.12%	7.86%	2011	581.3	38.12	Accept Most Stringent Criteria	--
185510	8" Grays Harbor H.P. Line	305	3		1205	641	427	720		427	X	X	VALID	8.625	0.25	52000	0.8	NO	NO	YES	10.12%	7.86%	2011	591.0	38.12	Accept Most Stringent Criteria	--
30702	4" Elma H.P. Line	150	3		877	600	400	400		400	X	X	VALID	4.5	0.188	35000	0.6	NO	NO	YES	5.13%	4.07%	1983	29.3	37.13	Accept Most Stringent Criteria	--
188090	8" Grays Harbor H.P. Line	305	3		1205	630	420	720		420	X	X	VALID	8.625	0.25	52000	0.8	NO	NO	YES	10.12%	7.86%	2013	925.4	37.12	Accept Most Stringent Criteria	--
210746	009-V101, 102, 103	809	3		2426	1275	850	1440		850	X	X	VALID	8.625	0.322	65000	1	NO	NO	NO	16.67%	16.67%	2014	51.7	36.17	No Action Needed	--
186540	Outlet 009-R-057	499	3		1553	1100	733	720		720	X	X	VALID	6.625	0.25	52000	0.8	NO	NO	YES	12.71%	12.85%	2012	22.7	35.35	Accept Most Stringent Criteria	--
186535	Inlet 009-R-056	499	3		1569	1092	728	720		720	X	X	VALID	6.625	0.25	52000	0.8	NO	NO	YES	12.71%	11.35%	2012	50.4	35.21	Accept Most Stringent Criteria	--
186538	Outlet 009-R-057	499	3		1569	1100	733	NA		733	X	X	VALID	6.625	0.25	52000	0.8	NO	NO	YES	12.71%	11.35%	2012	50.9	35.21	Accept Most Stringent Criteria	--
186539	Inlet 009-R-057	499	3		1569	1100	733	720		720	X	X	VALID	6.625	0.25	52000	0.8	NO	NO	YES	12.71%	11.35%	2012	39.2	35.21	Accept Most Stringent Criteria	--
178875	8" Grays Harbor H.P. Line	305	3		1205	859	572	720		572	X	X	VALID	8.625	0.25	52000	0.8	NO	NO	YES	10.12%	7.86%	2010	439.9	34.62	Accept Most Stringent Criteria	--
181676	8" Grays Harbor H.P. Line	305	3		1205	640	426	720		426	X	X	VALID	8.625	0.25	52000	0.8	NO	NO	YES	10.12%	7.86%	2011	455.3	34.12	Accept Most Stringent Criteria	--
52659	Inlet 009-R-040	366	3		1361	750	500	1440		500	X	X	VALID	2.375	0.154	35000	0.6	NO	NA	NA	8.06%	NA	1997	46.4	33.06	Accept Most Stringent Criteria	--
186757	009-R-058	305	3		1045	769	512	720		512	X	X	VALID	8.625	0.25	52000	0.8	NO	NO	YES	11.67%	7.86%	2016	86.7	32.17	Accept Most Stringent Criteria	--
1853445	Inlet 009-R-029	125	3		933	600	400	1440		400	X	Service	VALID	2.375	0.154	24000	0.6	NO	NA	NA	4.02%	NA	1990	54.9	31.52	Accept Most Stringent Criteria	--
51987	Inlet 009-R-039	250	3		1361	600	400	1440		400	X	X	VALID	2.375	0.154	35000	0.6	NO	NO	YES	5.51%	5.51%	1997	132.1	31.51	Accept Most Stringent Criteria	--
35967	Inlet 009-R-028	125	3		1361	600	400	1440		400	X	X	VALID	2.375	0.154	35000	0.6	NO	NA	NA	2.75%	NA	1988	29.8	27.25	Accept Most Stringent Criteria	--
186534	Outlet 009-R-056	366	3		1553	1092	728	NA		728	X	X	VALID	8.625	0.322	52000	0.8	NO	NO	YES	9.43%	9.43%	2012	24.7	26.93	Accept Most Stringent Criteria	--
186536	Outlet 009-R-056	366	3		1553	1092	728	720		720	X	X	VALID	6.625	0.25	52000	0.8	NO	NO	YES	9.33%	9.43%	2012	55.4	26.93	Accept Most Stringent Criteria	--
40412	Inlet 009-R-031	150	3		1361	900	600	1440		600	X	X	VALID	2.375	0.154	35000	0.6	NO	NO	YES	3.30%	3.30%	1991	58.0	26.30	Accept Most Stringent Criteria	--
189325	Inlet 009-R-059	305	3		1361	800	533	720		533	X	X	VALID	2.375	0.154	35000	0.6	NO	NO	YES	6.72%	6.72%	2012	29.1	24.22	Accept Most Stringent Criteria	--
189011 - IN	Inlet 009-R-059	305	3		1361	750	500	NA		500	X	X	VALID	2.375	0.154	35000	0.6	NO	NA	NA	6.72%	NA	2012	1.5	24.22	Accept Most Stringent Criteria	--
38437	009-V-018 (Inlet 009-R-029)	125	3		NA	NA	NA	1440		1440	X	Service	VALID	NA	NA	NA	NA	NO	NA	NA	NA	NA	1990	0.0	23.50	No Action Needed	--
41636	009-V-024 (Inlet 009-R-035)	250	3		NA	NA	NA	720		720	X	Service	VALID	NA	NA	NA	NA	NO	NA	NA	NA	NA	1993	0.0	22.00	No Action Needed	--
189380	Inlet 009-R-060	150	3		1052	400	266	720		266	X	X	VALID	4.5	0.188	42000	0.6	NO	NO	YES	4.27%	4.07%	2013	22.9	16.27	Accept Most Stringent Criteria	--
189326	Outlet 009-R-059	100	3		1052	280	186	275		186	X	X	VALID	4.5	0.188	42000	0.6	NO	NO	YES	2.85%	2.71%	2012	48.0	15.35	Accept Most Stringent Criteria	--
189011 - OUT	Outlet 009-R-059	100	3		1327	225	150	NA		150	X	X	VALID	4.5	0.237	42000	0.6	NO	NA	NA	2.26%	NA	2012	3.5	14.76	Accept Most Stringent Criteria	--
230683	4" Shelton H.P. Line	155	3		1106	615	410	720		410	X	X	VALID	4.5	0.237	52000	0.6	NO	NO	YES	2.83%	4.20%	2016	46.1	14.70	Accept Most Stringent Criteria	--

Work Order #	Segment Name	Existing MAOP (psig)	Class Location (1,2,3,4)	Uprate (YES/NO)	Design Pressure 192.619 (a) (1) (psig)	Test Pressure (psig)	Test Pressure 192.619 (a) (2) (psig)	Pressure Class Rating (psig)	Hi-5 Pressure (psig) 192.619 (a) (3)	MAOP per 192.619 (psig)	Meets 192.619	Meets 192.517	MAOP Designation	Max Outside Diameter, OD1 (inches)	Min Wall Thickness, WT1 (inches)	Min SMYS, SMYS1 (psig)	Min Longitudinal Joint Factor, E1 (E)	Unknown Pressure Rated Fitting (YES/NO)	Fittings w/ Assumed SMYS (YES/NO)	Fittings w/ Assumed Joint Factor (YES/NO)	Max Pipe % SMYS	Max Fitting % SMYS	Install Date (Year)	Pipe Length (Feet)	Total Score	Action Plan	Action Year
1281900	HPSS 454800372	380	3		NA	NA	NA	720		720	X	Service	VALID	NA	NA	NA	NA	NO	NA	NA	NA	NA	2015	0.0	11.00	No Action Needed	--
28563-600	Inlet 005-R-133	600	3		NA	NA	NA	1440		1440	X	X	VALID	NA	NA	NA	NA	NO	NA	NA	NA	NA	1980	0.0	28.50	No Action Needed	--
484900321	HPSS 484900321	250	3		NA	NA	NA	UNKV		UNKV	X	Service	UNVALID	1.05	NA	NA	NA	YES	NA	NA	NA	NA	1990	0.0	23.50	Expose/Verify, DIMP/TIMP	2018-2028
WR45525	HPSS 1144089	150	3		1494	0	0	NA		0			UNVALID	1.05	NA	NA	NA	NO	YES	YES	NA	3.01%	2003	104.5	35.01	Pressure Test/Replace	2024-2028
18736	005-V-145, 005-O-002	600	3		446	900	600	720		446			UNVALID	16	0.25	52000	0.8	NO	YES	YES	53.75%	53.33%	1971	38.8	130.75	In-Situ Test	2018-2019
17930	Inlet 005-R-008	150	4		635	0	0	UNKV		0			UNVALID	6.625	0.188	35000	0.8	YES	NA	NA	7.55%	NA	1970	2.0	69.05	Addressed w/ 116 Segment	2019
860124	HPSS 860124	150	4		1239	0	0	UNKV		0			UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	2.90%	2.90%	1965	29.0	58.40	Addressed w/ 116 Segment	2019
42512	20" Sumas Transmission Line	780	3		780	1170	780	1440		780	X	X	VALID	20	0.375	52000	0.8	NO	NO	YES	40.00%	40.00%	1993	17,523.3	117.00	Accept Most Stringent Criteria	--
18794	16" N. Whatcom Transmission Line	600	3		812	930	620	720		620	X	X	VALID	16	0.25	52000	1	NO	YES	YES	36.92%	25.81%	1971	143,669.0	143.92	No Action Needed	--
26956	12" Grandview Rd Transmission Line	600	3		658	900	600	720		600	X	X	VALID	12.75	0.25	42000	0.8	NO	NO	YES	36.43%	29.14%	1980	7,644.9	104.93	Accept Most Stringent Criteria	--
1284820	Inlet M&R 26955	600	3		658	900	600	NA		600	X	Service	VALID	12.75	0.25	42000	0.8	NO	NO	YES	36.43%	29.14%	1980	21.0	94.93	Accept Most Stringent Criteria	--
40855	8" Central Whatcom H.P. Line	380	3		418	680	453	UNKV		418	X	X	UNVALID	8.625	0.188	24000	0.8	YES	NA	NA	36.32%	NA	1993	10,573.7	122.32	116 Segment, In-Situ	2017
14C1344	8" Central Whatcom H.P. Line	380	3		418	0	0	UNKV		0			UNVALID	8.625	0.188	24000	0.8	YES	YES	YES	36.32%	36.32%	1957	53,839.4	191.82	116 Segment, Pressure Test	2018
18734-1	8" Lake Terrell Rd Transmission Line	380	3		418	569	379	720		379		NA	UNVALID	8.625	0.188	24000	0.8	NO	YES	YES	36.32%	36.32%	1965	10,414.9	138.82	116 Segment, In-Situ	2017
Line 1-1	8" Bellingham Transmission Line	380	3		418	0	0	720		0			UNVALID	8.625	0.188	24000	0.8	NO	NA	NA	36.32%	NA	1956	15,434.1	187.82	116 Segment, Replace	2018
Line 1-1	8" Bellingham Transmission Line (005-V-149)	380	3		418	0	0	NA		0			UNVALID	8.625	0.188	24000	0.8	NO	NA	NA	36.32%	NA	1956	13.2	172.82	116 Segment, Replace	2018
42491	20" Ferndale Transmission Line	600	3		780	900	600	1440		600	X	X	VALID	20	0.375	52000	0.8	NO	NO	YES	30.77%	30.77%	1993	28,254.9	97.77	Accept Most Stringent Criteria	--
41508	16" Squalicum Transmission Line	250	4		269	600	400	NA		269	X	X	VALID	16	0.281	24000	0.8	NO	NA	NA	29.66%	NA	1993	2,596.5	100.16	Accept Most Stringent Criteria	--
31567	005-V-043	600	3		811	900	600	720		600	X	X	VALID	8.625	0.25	35000	0.8	NO	NO	YES	29.57%	22.96%	1984	0.0	81.07	Accept Most Stringent Criteria	--
18734-2	8" Kickerville Transmission Line	600	3		906	900	600	720		600	X	X	VALID	8.625	0.188	52000	0.8	NO	NA	NA	26.47%	NA	1971	17,358.8	99.47	Accept Most Stringent Criteria	--
34405 - 600	Inlet 005-R-087	600	3		877	900	600	720		600	X	X	VALID	4.5	0.188	35000	0.6	NO	NO	YES	20.52%	16.27%	1987	1,300.3	68.02	Accept Most Stringent Criteria	--
25797	Inlet 005-R-065	600	3		877	900	600	1440		600	X	X	VALID	4.5	0.188	35000	0.6	NO	NO	YES	20.52%	16.27%	1978	5.3	65.02	Accept Most Stringent Criteria	--
29520	Inlet 005-R-073	600	3		877	900	600	1440		600	X	X	VALID	4.5	0.188	35000	0.6	NO	NO	YES	20.52%	16.27%	1982	226.3	64.02	Accept Most Stringent Criteria	--
33880	4" West Lynden Transmission Line	600	3		877	900	600	720		600	X	X	VALID	4.5	0.188	35000	0.6	NO	NO	YES	20.52%	16.27%	1988	1,340.4	67.52	Accept Most Stringent Criteria	--
163891	Inlet 005-R-163	600	3		933	0	0	720		0			UNVALID	2.375	0.154	24000	0.6	NO	YES	YES	19.28%	19.28%	2009	25.1	67.28	Pressure Test/Replace	2018-2023
52482	Inlet 005-R-155	600	3		933	900	600	1440		600	X	X	VALID	2.375	0.154	24000	0.6	NO	NO	YES	19.28%	13.22%	1997	21.0	53.28	Accept Most Stringent Criteria	--
45634	8" Lake Terrell Rd Transmission Line	380	3		802	740	493	720		493	X	X	VALID	8.625	0.188	46000	0.8	NO	NO	YES	18.95%	14.54%	1993	394.6	51.95	Accept Most Stringent Criteria	--
41506	005-V-093	380	3		784	600	400	720		400	X	X	VALID	8.625	0.25	35000	0.8	NO	NO	YES	18.73%	15.99%	1992	33.2	51.23	Accept Most Stringent Criteria	--
41501	10" Squalicum H.P. Line	380	3		855	600	400	UNKV		400	X	X	UNVALID	10.75	0.25	46000	0.8	YES	NO	YES	17.76%	15.99%	1992	14,960.3	65.26	Expose/Verify, DIMP/TIMP	2018-2028
42176	Inlet 005-R-109	780	3		1361	1170	780	1440		780	X	X	VALID	2.375	0.154	35000	0.6	NO	NO	YES	17.18%	17.18%	1995	117.0	49.18	Accept Most Stringent Criteria	--
42177	Inlet 005-R-110	780	3		1361	1200	800	1440		800	X		UNVALID	2.375	0.154	35000	0.6	NO	NO	YES	17.18%	17.18%	1995	54.2	48.18	DIMP/TIMP, Missing 192.517	2018-2019
18734-3	8" South Kickerville Transmission Line	380	3		906	900	600	720		600	X	X	VALID	8.625	0.188	52000	0.8	NO	NA	NA	16.76%	NA	1971	7,141.9	69.76	Accept Most Stringent Criteria	--
41502	M&R 41502	250	4		451	600	400	275		275	X	X	VALID	12.75	0.25	46000	0.8	NO	YES	YES	16.38%	17.71%	1992	315.6	57.21	Accept Most Stringent Criteria	--
174995	10" Squalicum H.P. Line	380	3		950	750	500	720		500	X	X	VALID	10.75	0.25	52000	1	NO	NO	YES	15.71%	15.99%	2010	1,510.7	46.99	No Action Needed	--
210697	10" Squalicum H.P. Line	380	3		967	800	533	720		533	X	X	VALID	10.75	0.25	52000	0.8	NO	YES	YES	15.71%	10.76%	2014	923.2	46.21	Accept Most Stringent Criteria	--
27163	005-V-039	380	3		728	600	400	500		400	X	X	VALID	4.5	0.156	35000	0.6	NO	NO	YES	15.66%	10.31%	1979	35.1	58.66	Accept Most Stringent Criteria	--
Line 4-1	4" South Lynden H.P. Line	250	3		499	0	0	UNKV		0			UNVALID	4.5	0.156	24000	0.6	YES	NA	NA	15.02%	NA	1961	35,395.5	114.02	116 Segment, Pressure Test	2020
1391000	Inlet 005-R-069	250	3		499	100	66	UNKV		66			UNVALID	4.5	0.156	24000	0.6	YES	NA	NA	15.02%	NA	1982	47.0	61.52	Pressure Test/Replace	2018-2023
4059	Inlet 005-R-028	250	3		499	0	0	NA		0			UNVALID	4.5	0.156	24000	0.6	NO	NA	NA	15.02%	NA	1961	12.4	94.02	Pressure Test/Replace	2018-2023
218481	4" Blaine H.P. Line	250	3		499	684	456	720		456	X	X	VALID	4.5	0.156	24000	0.6	NO	NO	YES	15.02%	4.56%	2015	1,604.5	47.52	Accept Most Stringent Criteria	--
AA00894	005-V-168	250	3		499	600	400	720		400	X		UNVALID	4.5	0.156	24000	0.6	NO	YES	YES	15.02%	8.03%	2002	21.1	46.52	DIMP/TIMP, Missing 192.517	2018-2019
UNKV (005-O-010)	005-O-010	250	3		499	0	0	NA		0			UNVALID	4.5	0.156	24000	0.6	NO	NA	NA	15.02%	NA	1961	91.6	94.02	Addressed w/ 116 Segment	2020
59131	8" Bellingham Transmission Line	380	3		1045	750	500	720		500	X	X	VALID	8.625	0.322	35000	0.8	NO	NO	YES	14.54%	14.54%	2000	225.1	44.04	Accept Most Stringent Criteria	--
FISH	Bellingham HP Distribution System	150	4		268	0	0	UNKV		0			UNVALID	10.75	0.25	24000	0.8	YES	YES	YES	14.34%	17.87%	1954	28,793.6	120.87	116 Segment, Replace	2019
11406	Outlet 005-R-018	150	3		335	0	0	UNKV		0			UNVALID	10.75	0.25	24000	0.8	YES	YES	YES	14.34%	17.87%	1966	80.7	91.87	Addressed w/ 116 Segment	2019
11406-T	Inlet 005-R-018	150	3		418	0	0	UNKV		0			UNVALID	8.625	0.188	24000	0.8	YES	YES	YES	14.34%	9.01%	1956	72.4	98.34	Addressed w/ 116 Segment	2018
55653	Inlet 005-R-134	780	3		1361	900	600	1440		600			UNVALID	2.375	0.154	42000	0.6	NO	NO	YES	14.32%	17.18%	1999	17.0	51.18	Pressure Test/Replace	2018-2023
25773	4" North Lynden H.P. Line	400	3		877	600	400	250		250		X	UNVALID	4.5	0.188	35000	0.6	NO	NO	YES	13.68%	10.85%	1978	7,689.3	63.18	116 Segment, Expose/Verify	2016
21602	Main Stub	600	3		1361	900	600	250		250			UNVALID	2.375	0.154	35000	0.6	NO	NA	NA	13.22%	NA	1973	1.5	65.22	Expose/Verify/Replace	2018-2023
21252	Inlet 005-R-040	600	3		1361	100	66	1440		66			UNVALID	2.375	0.154	35000	0.6	NO	NA	NA	13.22%	NA	1973	3.7	60.22	Pressure Test/Replace	2018-2023
22140	Inlet 005-R-047	600	3		1193	600	400	1440		400			UNVALID	2.375	0.154	35000	0.6	NO	YES	YES	13.22%	15.08%	1973	15.5	66.08	Pressure Test/Replace	2018-2023
22158	Inlet 005-R-044	600	3		1193	100	66	1440		66			UNVALID	2.375	0.154	35000	0.6	NO	YES	YES	13.22%	15.08%	1973	9.7	66.08	Pressure Test/Replace	2018-2023
22213	Inlet 005-R-046	600	3		1193	100	66	1440		66			UNVALID	2.375	0.154	35000	0.6	NO	YES	YES	13.22%	15.08%	1973	7.7	66.08	Pressure Test/Replace	2018-2023
22857	Inlet 005-R-021	600	3		1361	100	66	1440		66			UNVALID	2.375	0.154	35000	0.6	NO	NA	NA	13.22%	NA	1974	14.7	59.72	Pressure Test/Replace	2018-2023
33963	Inlet 005-R-043	600	3		1361	100	66	1440		66			UNVALID	2.375	0.154	35000	0.6	NO	NA	NA	13.22%	NA	1973	13.4	60.22	Pressure Test/Replace	2018-2023
34572	Inlet 005-R-089	600	3		1361	100	66	720		66			UNVALID	2.375	0.154	35000	0.6	NO	NO	YES	13.22%	13.22%	1987	57.8	53.22	Pressure Test/Replace	2018-2023
54538	Inlet 005-R-133	600	3		1361	750	500	720		500			UNVALID	2.375	0.154	35000	0.6	NO	NO	YES	13.22%	13.22%	1998	230.4	48.72	Pressure Test/Replace	2024-2028
19466 - 600	Inlet 005-R-041	600	3		1361	750	500	1440		500			UNVALID	2.375	0.154	35000	0.6	NO	NO	YES	13.22%	13.22%	1973	146.1	61.22	Pressure Test/Replace	2018-2023
36794	Inlet 005-R-094	600	3		1361	900	600	1440		600	X	X	VALID	2.375	0.154	35000	0.6	NO	NA	NA	13.22%	NA	1989	36.1	47.22	Accept Most Stringent Criteria	--
38943	Inlet 005-R-099	600	3		1361	900	600	1440		600	X	X	VALID	2.375	0.154	35000	0.6	NO	NO	YES	13.22%	13.22%	1991	124.6	47.22	Accept Most Stringent Criteria	--
41012	Inlet 005-R-103	600	3		1361	900	600	1440		600	X	X	VALID	2.375	0.154	35000	0.6	NO	NO	YES	13.22%	13.22%	1992	25.0	45.72	Accept Most Stringent Criteria	--
41621	Inlet 005-R-106	600	3		1361	900	600	1440		600	X	X	VALID	2.375	0.154	35000	0.6	NO	NO	YES	13.22%	13.22%	1992	32.6	45.72	Accept Most Stringent Criteria	--
43624	Inlet 005-R-107	600	3		1361	900	600	1440		600	X	X	VALID	2.375	0.154	35000	0.6	NO	NA	NA	13.22%	NA	1993	19.8	45.22	Accept Most Stringent Criteria	--
51215	Inlet 005-R-130	600	3		1361	900	600	1440		600	X	X	VALID	2.375	0.154	35000	0.6	NO	NO	YES	13.22%	13.22%	1997	602.9	48.22	Accept Most Stringent Criteria	--
55461	Inlet 005-R-137	600	3		1361	900	600	1440		600	X	X	VALID	2.375	0.154	35000	0.6	NO	NO	YES	13.22%	13.22%	2000	40.7	41.72	Accept Most Stringent Criteria	--
224325	005-V-258	600	3		1361	900	600	720		600	X	X	VALID	2.375	0.154	35000	0.6	NO	NO	YES	13.22%	13.22%	2015	0.0	34.22	Accept Most Stringent Criteria	--
34400	Inlet 005-R-079	600	3		1106	900	600	1440		600	X		UNVALID	2.375	0.154	35000	0.6	NO	NO	YES	13.22%	16.27%	1986	71.2	51.77	DIMP/TIMP, Missing 192.517	2018-2019
36385	Inlet 005-R-093	600	3		1361	900	600	1440		600	X		UNVALID	2.375	0.154	35000	0.6	NO	NO	YES	13.22%	13.22%	1988	8.9	47.72	DIMP/TIMP, Missing 192.517	2018-2019
47667	Inlet 005-R-125	600	3		1361	900	600	1440		600	X		UNVALID	2.375	0.154	35000	0.6	NO	NA	NA	13.22%	NA	1995	42.6	44.22	DIMP/TIMP, Missing 192.517	2018-2019
A0067513	Inlet 005-R-149	600	3		1361	900	600	1440		600	X		UNVALID	2.375	0.154	35000	0.6	NO	NO	YES	13.22%	13.22%	2002	25.1	40.72	DIMP/TIMP, Missing 192.517	2018-2019
A0071244	Inlet 005-R-151	600	3		1361	900	600	1440		600	X		UNVALID	2.375	0.154	35000	0.6	NO	NO	YES	13.22%	13.22%	2003	28.2	40.22	DIMP/TIMP, Missing 192.517	2018-2019
A0071903	Inlet 005-R-152	600	3		1361	900	600	1440		600	X		UNVALID	2.375	0.154	35000	0.6	NO	NO	YES	13.22%	13.22%	2005	7.0	39.22	DIMP/TIMP, Missing 192.517	2018-2019
A0078097	Inlet 005-R-155	600	3		1361	900	600	NA		600	X		UNVALID	2.375	0.154	35000	0.6	NO	NO	YES	13.22%	13.22%	2005	6.5	39.22	DIMP/TIMP, Missing 192.517	2018-2019
14C5522	4" Ferndale H.P. Line	380	3		877	600	400	UNKV		400	X	NA	UNVALID	4.5	0.188	35000	0.6	YES	NA	NA	12.99%	NA	1962	8,104.3	76.99	Expose/Verify, DIMP/TIMP	2018-2028
45948	Inlet 005-R-121	380	3		877	680	453	UNKV		453	X		UNVALID	4.5	0.188	35000	0.6	YES	NO	YES	12.99%	10.31%	1995	39.6	43.99	Expose/Verify, DIMP/TIMP	2018-2028
217876	8" Bellingham Transmission Line	380	3		1205	660	440	NA		440	X	X	VALID	8.625	0.25	52000	0.8	NO	NO	NA	12.61%	NA	2015	8.0	33.61	Accept Most Stringent Criteria	--
41505	12", 16" & 4" Squalicum H.P. Line	250	4		525	600	400	275		275	X	X	VALID	12.75	0.25	52000	0.8	NO	YES	YES	12.26%	15.24%	1993	20,999.1	68.24	Accept Most Stringent Criteria	--
1281920	Inlet 005-R-061	380	3		933	0	0	UNKV		0			UNVALID	2.375	0.154	24000	0.6	YES	NA	NA	12.21%	NA	1982	24.9	73.71	Pressure Test/Replace	2018-2023
13541	Inlet 005-R-022	380	3		933	0	0	1440		0			UNVALID	2.375	0.154	24000	0.6	NO	YES	YES	12.21%	12.21%	1968	45.8	84.21	Addressed w/ 116 Segment	2018
44543	Inlet 005-R-119	380	3		933	600	400	1440		400	X	X	VALID	2.375	0.154	24000	0.6	NO	NA	NA	12.21%	NA	1993	26.0	48.21	Accept Most Stringent Criteria	--
56120	Inlet 005-R-138	380	3		933	600	400	1440		400	X	X	VALID	2.375	0.154	24000	0.6	NO	NA	NA	12.21%	NA	1998	30.9	45.71	Accept Most Stringent Criteria	--
180093	Inlet 005-R-166	380	3		933	800	533	1440		533	X	Service	VALID	2.375	0.154	24000	0.6	NO	YES	YES	12.21%	12.21%	2010	13.0	39.71	Accept Most Stringent Criteria	--
3716127268	HPSS 3716127268	380	3		933	750	500	UNKV		500	X	Service	UNVALID	2.375	0.154	24000	0.6	YES	NA	NA	12.21%	NA	2011	39.0	39.21	Expose/Verify, DIMP/TIMP	2018-2028

Work Order #	Segment Name	Existing MAOP (psig)	Class Location (1,2,3,4)	Uprate (YES/NO)	Design Pressure 192.619 (a) (1) (psig)	Test Pressure (psig)	Test Pressure 192.619 (a) (2) (psig)	Pressure Class Rating (psig)	Hi-5 Pressure (psig) 192.619 (a) (3)	MAOP per 192.619 (psig)	Meets 192.619	Meets 192.517	MAOP Designation	Max Outside Diameter, OD1 (inches)	Min Wall Thickness, WT1 (inches)	Min SMYS, SMYS1 (psig)	Min Longitudinal Joint Factor, E1 (E)	Unknown Pressure Rated Fitting (YES/NO)	Fittings w/ Assumed SMYS (YES/NO)	Fittings w/ Assumed Joint Factor (YES/NO)	Max Pipe % SMYS	Max Fitting % SMYS	Install Date (Year)	Pipe Length (Feet)	Total Score	Action Plan	Action Year
7766800126	Service Stub	380	3		933	625	416	UNKV		416	X	Service	UNVALID	2.375	0.154	24000	0.6	YES	YES	YES	12.21%	12.21%	2016	6.7	36.71	Expose/Verify, DIMP/TIMP	2018-2028
23799	8" Central Whatcom H.P. Line	380	3		933	600	400	NA		400	X		UNVALID	2.375	0.154	24000	0.6	NO	YES	YES	12.21%	12.21%	1975	197.3	58.21	DIMP/TIMP, Missing 192.517	2018-2019
A0071883	Main Stub (R-152)	600	3		1549	100	66	1440		66			UNVALID	1.05	0.113	24000	0.6	NO	YES	YES	11.62%	11.62%	2005	0.0	46.62	Pressure Test/Replace	2024-2028
1240105	HPSS 1240105	600	3		1549	100	66	UNKV		66			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	11.62%	NA	1973	53.0	62.62	Pressure Test/Replace	2018-2023
1240540	HPSS 3386800317	600	3		1549	100	66	UNKV		66			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	11.62%	NA	1973	53.8	62.62	Pressure Test/Replace	2018-2023
1240610	HPSS 1240610	600	3		1549	100	66	UNKV		66			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	11.62%	NA	1975	97.8	61.62	Pressure Test/Replace	2018-2023
1280157	HPSS 1280157	600	3		1549	90	60	UNKV		60			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	11.62%	NA	1994	13.0	52.12	Pressure Test/Replace	2018-2023
1280181	HPSS 1280181	600	3		1549	750	500	UNKV		500			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	11.62%	NA	1994	46.0	52.12	Pressure Test/Replace	2018-2023
1289702	HPSS 1289702	600	3		1549	90	60	UNKV		60			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	11.62%	NA	1991	79.4	53.62	Pressure Test/Replace	2018-2023
1326507	HPSS 1326507	600	3		1549	90	64	UNKV		64			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	11.62%	NA	1970	9.0	66.62	Pressure Test/Replace	2018-2023
3988700204	HPSS 3988700204	600	3		1549	90	60	UNKV		60			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	11.62%	NA	1971	14.9	63.62	Pressure Test/Replace	2018-2023
1281448	HPSS 1281448	600	3		1549	930	1	UNKV		1			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	11.62%	NA	2004	10.0	47.12	Pressure Test/Replace	2024-2028
1284779	HPSS 1284779	600	3		1549	950	1	NA		1			UNVALID	1.05	0.113	24000	0.6	NO	NA	NA	11.62%	NA	2006	19.0	46.12	Pressure Test/Replace	2024-2028
1247597	Inlet M&R 9021	600	3		1549	0	0	UNKV		0			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	11.62%	NA	1971	17.9	78.62	Pressure Test/Replace	2018-2023
1280539	HPSS 1280539	600	3		1549	0	0	UNKV		0			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	11.62%	NA	1998	63.0	65.12	Pressure Test/Replace	2018-2023
1326911	HPSS 8181900761	600	3		1549	0	0	UNKV		0			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	11.62%	NA	1997	22.0	75.62	Pressure Test/Replace	2018-2023
2646620005	HPSS 2646620005	600	3		1549	0	0	UNKV		0			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	11.62%	NA	1983	68.2	72.62	Pressure Test/Replace	2018-2023
1240080	HPSS 1240080	600	3		1549	900	600	UNKV		600	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	11.62%	NA	1972	7.0	58.12	Expose/Verify, DIMP/TIMP	2018-2028
1240100	HPSS 1240100	600	3		1549	900	600	UNKV		600	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	11.62%	NA	1987	31.5	50.62	Expose/Verify, DIMP/TIMP	2018-2028
1240145	HPSS 1240145	600	3		1549	900	600	UNKV		600	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	11.62%	NA	1988	160.1	51.12	Expose/Verify, DIMP/TIMP	2018-2028
1240155	HPSS 1240155	600	3		1549	900	600	UNKV		600	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	11.62%	NA	1986	90.0	51.12	Expose/Verify, DIMP/TIMP	2018-2028
1240495	HPSS 1240495	600	3		1549	900	600	UNKV		600	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	11.62%	NA	1998	17.0	45.12	Expose/Verify, DIMP/TIMP	2018-2028
1240521	HPSS 1240521	600	3		1549	1000	666	UNKV		666	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	11.62%	NA	1990	133.3	50.12	Expose/Verify, DIMP/TIMP	2018-2028
1240524	HPSS 1240524	600	3		1549	900	600	UNKV		600	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	11.62%	NA	1996	67.1	46.12	Expose/Verify, DIMP/TIMP	2018-2028
1240529	HPSS 1240529	600	3		1549	900	600	UNKV		600	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	11.62%	NA	1989	75.0	49.62	Expose/Verify, DIMP/TIMP	2018-2028
1240530	HPSS 1240530	600	3		1549	900	600	UNKV		600	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	11.62%	NA	1978	76.1	55.12	Expose/Verify, DIMP/TIMP	2018-2028
1240535	HPSS 1307825	600	3		1549	900	600	UNKV		600	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	11.62%	11.62%	1996	101.6	47.12	Expose/Verify, DIMP/TIMP	2018-2028
1240542	HPSS 1240542	600	3		1549	900	600	UNKV		600	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	11.62%	NA	1991	26.8	48.62	Expose/Verify, DIMP/TIMP	2018-2028
1240545	HPSS 1240545	600	3		1549	900	600	UNKV		600	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	11.62%	NA	1982	39.0	53.12	Expose/Verify, DIMP/TIMP	2018-2028
1240820	HPSS 6398700319	600	3		1549	900	600	UNKV		600	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	11.62%	NA	1971	15.0	58.62	Expose/Verify, DIMP/TIMP	2018-2028
1247554	HPSS 1247554	600	3		1549	900	600	UNKV		600	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	11.62%	NA	1993	80.9	47.62	Expose/Verify, DIMP/TIMP	2018-2028
1247555	HPSS 1247555	600	3		1549	900	600	UNKV		600	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	11.62%	11.62%	1993	78.6	47.62	Expose/Verify, DIMP/TIMP	2018-2028
1247557	HPSS 1247557	600	3		1549	900	600	UNKV		600	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	11.62%	NA	1993	74.1	47.62	Expose/Verify, DIMP/TIMP	2018-2028
1247601	HPSS 1247601	600	3		1549	900	600	UNKV		600	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	11.62%	NA	1994	20.0	47.12	Expose/Verify, DIMP/TIMP	2018-2028
1280024	HPSS 1280024	600	3		1549	900	600	UNKV		600	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	11.62%	NA	1993	108.1	48.62	Expose/Verify, DIMP/TIMP	2018-2028
1280065	HPSS 1280065	600	3		1549	900	600	UNKV		600	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	11.62%	11.62%	1993	509.5	52.62	Expose/Verify, DIMP/TIMP	2018-2028
1280078	HPSS 1280078	600	3		1549	900	600	UNKV		600	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	11.62%	NA	1993	15.0	47.62	Expose/Verify, DIMP/TIMP	2018-2028
1280118	HPSS 1280118	600	3		1549	900	600	UNKV		600	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	11.62%	NA	1994	20.0	47.12	Expose/Verify, DIMP/TIMP	2018-2028
1280142	HPSS 1280142	600	3		1549	900	600	UNKV		600	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	11.62%	NA	1994	198.0	48.12	Expose/Verify, DIMP/TIMP	2018-2028
1280255	HPSS 1280255	600	3		1549	950	633	UNKV		633	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	11.62%	NA	1995	117.0	47.62	Expose/Verify, DIMP/TIMP	2018-2028
1280349	HPSS 1280349	600	3		1549	1000	666	UNKV		666	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	11.62%	NA	1996	40.0	46.12	Expose/Verify, DIMP/TIMP	2018-2028
1280350	HPSS 1280350	600	3		1549	1000	666	UNKV		666	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	11.62%	NA	1996	66.0	46.12	Expose/Verify, DIMP/TIMP	2018-2028
1280379	HPSS 1280379	600	3		1549	900	600	UNKV		600	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	11.62%	11.62%	1996	20.0	46.12	Expose/Verify, DIMP/TIMP	2018-2028
1280381	HPSS 1280381	600	3		1549	930	620	UNKV		620	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	11.62%	NA	1997	6.0	45.62	Expose/Verify, DIMP/TIMP	2018-2028
1280433	HPSS 1280433	600	3		1549	900	600	UNKV		600	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	11.62%	NA	1997	81.2	45.62	Expose/Verify, DIMP/TIMP	2018-2028
1280747	HPSS 1280747	600	3		1549	950	633	UNKV		633	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	11.62%	NA	1999	19.0	44.62	Expose/Verify, DIMP/TIMP	2018-2028
1283703	HPSS 1283703	600	3		1549	900	600	UNKV		600	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	11.62%	NA	1991	7.0	48.62	Expose/Verify, DIMP/TIMP	2018-2028
1284775	HPSS 1284775	600	3		1549	900	600	UNKV		600	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	11.62%	NA	1990	10.3	49.12	Expose/Verify, DIMP/TIMP	2018-2028
1284778	HPSS 1284778	600	3		1549	900	600	UNKV		600	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	11.62%	NA	1991	63.9	48.62	Expose/Verify, DIMP/TIMP	2018-2028
1284785	HPSS 1284785	600	3		1549	900	600	UNKV		600	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	11.62%	NA	1979	18.0	54.62	Expose/Verify, DIMP/TIMP	2018-2028
1284795	HPSS 1284795	600	3		1549	900	600	UNKV		600	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	11.62%	NA	1990	49.2	49.12	Expose/Verify, DIMP/TIMP	2018-2028
1284796	HPSS 1284796	600	3		1549	1000	666	UNKV		666	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	11.62%	NA	2007	43.8	40.62	Expose/Verify, DIMP/TIMP	2018-2028
1289520	HPSS 1289520	600	3		1549	900	600	UNKV		600	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	11.62%	NA	1973	48.0	57.62	Expose/Verify, DIMP/TIMP	2018-2028
1289523	HPSS 1289523	600	3		1549	900	600	UNKV		600	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	11.62%	NA	1992	64.0	48.12	Expose/Verify, DIMP/TIMP	2018-2028
1289660	HPSS 1289660	600	3		1549	900	600	UNKV		600	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	11.62%	NA	1972	183.0	59.12	Expose/Verify, DIMP/TIMP	2018-2028
1289661	HPSS 1289661	600	3		1549	900	600	UNKV		600	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	11.62%	NA	1988	16.0	50.12	Expose/Verify, DIMP/TIMP	2018-2028
1289662	HPSS 1289662	600	3		1549	900	600	UNKV		600	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	11.62%	NA	1991	310.0	49.62	Expose/Verify, DIMP/TIMP	2018-2028
1289663	HPSS 1289663	600	3		1549	900	600	UNKV		600	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	11.62%	NA	1993	21.8	47.62	Expose/Verify, DIMP/TIMP	2018-2028
1289670	HPSS 1289670	600	3		1549	900	600	UNKV		600	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	11.62%	NA	1981	9.5	53.62	Expose/Verify, DIMP/TIMP	2018-2028
1289677	HPSS 1289677	600	3		1549	900	600	UNKV		600	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	11.62%	NA	1991	8.0	48.62	Expose/Verify, DIMP/TIMP	2018-2028
1289680	HPSS 1289680	600	3		1549	900	600	UNKV		600	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	11.62%	NA	1972	23.9	58.12	Expose/Verify, DIMP/TIMP	2018-2028
1289682	HPSS 1289682	600	3		1549	900	600	UNKV		600	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	11.62%	NA	2006	22.0	41.12	Expose/Verify, DIMP/TIMP	2018-2028
1289697	HPSS 1289697	600	3		1549	900	600	UNKV		600	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	11.62%	NA	1989	8.0	49.62	Expose/Verify, DIMP/TIMP	2018-2028
1289701	HPSS 1289702	600	3		1549	900	600	UNKV		600	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	11.62%	NA	1991	98.9	48.62	Expose/Verify, DIMP/TIMP	2018-2028
1326579	HPSS 1326579	600	3		1549	900	600	UNKV		600	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	11.62%	NA	1990	16.0	49.12	Expose/Verify, DIMP/TIMP	2018-2028
1326925	HPSS 1326925	600	3		1549	950	633	UNKV		633	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	11.62%	NA	1997	36.1	45.62	Expose/Verify, DIMP/TIMP	2018-2028
988700202	HPSS 988700202	600	3		1549	900	600	UNKV		600	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	11.62%	NA	1986	34.1	51.12	Expose/Verify, DIMP/TIMP	2018-2028
1988700203	HPSS 1988700203	600	3		1549	900	600	UNKV		600	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	11.62%	NA	1974	88.8	57.12	Expose/Verify, DIMP/TIMP	2018-2028
2055900967	HPSS 2055900967	600	3		1549	900	600	UNKV		600	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	11.62%	NA	1996	22.0	46.12	Expose/Verify, DIMP/TIMP	2018-2028
4098700315	HPSS 4098700315	600	3		1549	900	600	UNKV		600	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	11.62%	NA	1991	11.8	48.62	Expose/Verify, DIMP/TIMP	2018-2028
196866	4" North Lynden H.P. Line	400	3		1052	645	430	250		250			UNVALID	4.5	0.188	42000	0.6	NO	NO	YES	11.40%	7.30%	2013	404.7	34.40	Expose/Verify/Replace	2024-2028
20564	Bellingham H.P. Distribution System	150	4		399	225	150	250		150	X		UNVALID	6.625	0.188	24000	0.8	NO	YES	YES	11.01%	11.01%	1972	320.8	60.51	116 Segment, Replace	2019
42515	005-O-009	780	3		2260	850	566	NA		566			UNVALID	1.05	0.113	35000	0.6	NO	NA	NA	10.35%	NA	1993	20.0	47.35	Pressure Test/Replace	2024-2028
11480	Bellingham H.P. Distribution System	150	4		334	0	0	250		0			UNVALID	8.625	0.188	35000	0.8	NO	YES	YES	9.83%	14.34%	1956	1,955.4	107.84	116 Segment, Replace	2019
685	Service Stub, Georgia Pacific	250	4		836	600	1	250		1			UNVALID	8.625	0.322	35000	0.8	NO	NO	YES	9.57%	9.57%	2001	708.0	44.57	Pressure Test/Replace	2024-2028
60442	005-V-164	250	3		1045	750	500	1440		500	X	Service	VALID	8.625	0.322	35000	0.8	NO	NO	YES	9.57%	9.57%	2001	0.0	32.57	Accept Most Stringent Criteria	--
1158815	HPSS 1158815	380	3		1193	90	60	UNKV		60			UNVALID	1.315	0.109	24000	0.6	YES	NA	NA	9.55%	NA	1998	145.5	44.05	Pressure Test/Replace	2024-2028
1925083874	HPSS 1925083874	380	3		1193	380	253	UNKV		253			UNVALID	1.315	0.109	24000	0.6	YES	NA	NA	9.55%	NA	2014	21.6	35.05	Addressed w/ 116 Segment	2018
10C1315	Bellingham H.P. Distribution System	150	3		499	0	0	NA		0			UNVALID	4.5	0.156	24000	0.6	NO	YES	YES	9.01%	9.01%	1958	931.1	89.51	116 Segment, Replace	2019
10C1559	Bellingham H.P. Distribution System	150	3		499	0	0	NA		0			UNVALID	4.5	0.156	24000	0.6	NO	NA	NA	9.01%	NA	1958	421.8	85.51	116 Segment, Replace	2019
10C3298	Bellingham H.P. Distribution System	150	4		399	0	0	UNKV		0			UNVALID	6.625	0.188	42000	0.8	YES	YES	YES	9.01%	9.01%	1960	1,083.6	92.01	116 Segment, Replace	2019
10C8241	Bellingham H.P. Distribution System	150	4		399	0	0	250		0			UNVALID	4.5	0.156	24000	0.6	NO	YES	YES	9.01%	9.01%	1964	2,374.0	88.01	116 Segment, Replace	2019
1570	Inlet 005-R-135	150	3		499	0	0	UNKV		0			UNVALID	4.5	0.156	24000	0.6	YES	NA	NA	9.01%	NA	1956	32.1	86.51	Addressed w/ 116 Segment	2019

Work Order #	Segment Name	Existing MAOP (psig)	Class Location (1,2,3,4)	Uprate (YES/NO)	Design Pressure 192.619 (a) (1) (psig)	Test Pressure (psig)	Test Pressure 192.619 (a) (2) (psig)	Pressure Class Rating (psig)	Hi-5 Pressure (psig) 192.619 (a) (3)	MAOP per 192.619 (psig)	Meets 192.619	Meets 192.517	MAOP Designation	Max Outside Diameter, OD1 (inches)	Min Wall Thickness, WT1 (inches)	Min SMYS, SMYS1 (psig)	Min Longitudinal Joint Factor, E1 (E)	Unknown Pressure Rated Fitting (YES/NO)	Fittings w/ Assumed SMYS (YES/NO)	Fittings w/ Assumed Joint Factor (YES/NO)	Max Pipe % SMYS	Max Fitting % SMYS	Install Date (Year)	Pipe Length (Feet)	Total Score	Action Plan	Action Year
16252	Inlet 005-R-004	150	3		499	0	0	NA		0			UNVALID	4.5	0.156	24000	0.6	NO	NA	NA	9.01%	NA	1970	14.5	72.51	Pressure Test/Replace	2018-2023
1380	Inlet 005-R-128	150	3		499	0	0	UNKV		0			UNVALID	4.5	0.156	24000	0.6	YES	NA	NA	9.01%	NA	1957	102.2	86.51	Addressed w/ 116 Segment	2019
47810	Inlet 005-R-126	400	3		1361	600	400	1440		400	X		UNVALID	2.375	0.154	35000	0.6	NO	NA	NA	8.81%	NA	1996	29.5	34.31	DIMP/TIMP, Missing 192.517	2018-2019
27205	4" South Everson H.P. Line	250	3		499	450	300	720		300	X	X	VALID	4.5	0.188	35000	0.6	NO	YES	YES	8.55%	15.02%	1982	14,921.5	71.52	Accept Most Stringent Criteria	--
33194	4" Blaine H.P. Line	250	3		499	375	250	400		250	X	X	VALID	4.5	0.188	35000	0.6	NO	YES	YES	8.55%	15.02%	1986	20,920.6	69.52	Accept Most Stringent Criteria	--
43171	12", 16" & 4" Squalicum H.P. Line	250	4		701	710	473	250		250	X	X	VALID	4.5	0.188	35000	0.6	NO	NO	YES	8.55%	6.78%	1992	728.0	43.05	Accept Most Stringent Criteria	--
44277	4" South Lynden H.P. Line	250	3		877	675	450	720		450	X	X	VALID	4.5	0.188	35000	0.6	NO	NO	YES	8.55%	8.55%	1993	7,978.5	45.55	Accept Most Stringent Criteria	--
51333	4" South Lynden H.P. Line	250	3		877	720	480	NA		480	X	X	VALID	4.5	0.188	35000	0.6	NO	NA	NA	8.55%	NA	1996	5,600.0	44.05	Accept Most Stringent Criteria	--
59402	4" Squalicum H.P. Line	250	4		701	730	486	720		486	X	X	VALID	4.5	0.188	35000	0.6	NO	NO	YES	8.55%	6.78%	2002	11,545.7	48.05	Accept Most Stringent Criteria	--
164230	4" South Lynden H.P. Line	250	3		877	600	400	720		400	X	X	VALID	4.5	0.188	35000	0.6	NO	NA	NA	8.55%	NA	2009	2.9	27.55	Accept Most Stringent Criteria	--
206197	4" South Lynden H.P. Line	250	3		499	660	440	250		250	X	X	VALID	4.5	0.188	35000	0.6	NO	YES	YES	8.55%	15.02%	2013	32.1	41.02	Accept Most Stringent Criteria	--
28563	4" Blaine H.P. Line	250	3		877	900	600	NA		600	X	X	VALID	4.5	0.188	35000	0.6	NO	NA	NA	8.55%	NA	1980	1,391.4	49.55	Accept Most Stringent Criteria	--
33763	Outlet 005-R-079	250	3		877	900	600	NA		600	X	X	VALID	4.5	0.188	35000	0.6	NO	NO	YES	8.55%	6.78%	1986	6.8	39.05	Accept Most Stringent Criteria	--
44414	4" South Everson H.P. Line	250	3		499	760	506	UNKV		499	X	X	UNVALID	4.5	0.188	35000	0.6	YES	YES	YES	8.55%	15.02%	1994	2,131.9	58.02	Expose/Verify, DIMP/TIMP	2018-2028
23013	4" South Lynden H.P. Line	250	3		877	600	400	720		400	X		UNVALID	4.5	0.188	35000	0.6	NO	YES	YES	8.55%	8.03%	1974	726.6	54.05	DIMP/TIMP, Missing 192.517	2018-2019
A0078424	Inlet 005-R-154	380	3		933	600	400	250		250			UNVALID	2.375	0.154	35000	0.6	NO	YES	YES	8.37%	12.21%	2005	15.8	42.21	Addressed w/ 116 Segment	2018
12207	Inlet 005-R-024	380	3		1361	100	71	UNKV		71			UNVALID	2.375	0.154	35000	0.6	YES	NA	NA	8.37%	NA	1967	10.0	55.87	Addressed w/ 116 Segment	2018
25324	Main Stub (005-R-062)	380	3		933	600	1	1440		1			UNVALID	2.375	0.154	35000	0.6	NO	YES	YES	8.37%	12.21%	1977	152.5	62.21	Addressed w/ 116 Segment	2018
22593	Main Stub (005-R-049)	380	3		1193	0	0	1440		0			UNVALID	2.375	0.154	35000	0.6	NO	YES	YES	8.37%	9.55%	1974	25.9	70.05	Addressed w/ 116 Segment	2018
A0084192	Inlet 005-R-161	380	3		1361	0	0	1440		0			UNVALID	2.375	0.154	35000	0.6	NO	NO	YES	8.37%	8.37%	2008	173.1	48.87	Addressed w/ 116 Segment	2018
56741	Inlet 005-R-020	380	3		1193	540	360	720		360			UNVALID	2.375	0.154	35000	0.6	NO	YES	YES	8.37%	9.55%	1999	48.8	52.55	Addressed w/ 116 Segment	2018
14089	Inlet 005-R-038	380	3		1361	0	0	1440		0			UNVALID	2.375	0.154	35000	0.6	NO	NA	NA	8.37%	NA	1968	7.6	69.87	Addressed w/ 116 Segment	2018
14774	Inlet 005-R-023	380	3		1361	0	0	1440		0			UNVALID	2.375	0.154	35000	0.6	NO	NA	NA	8.37%	NA	1968	12.5	69.87	Addressed w/ 116 Segment	2018
39699	Inlet 005-R-154	380	3		1361	600	400	1440		400	X	X	VALID	2.375	0.154	35000	0.6	NO	NO	YES	8.37%	8.37%	1991	25.0	36.37	Accept Most Stringent Criteria	--
40741	Inlet 005-R-101	380	3		1361	600	400	NA		400	X	X	VALID	2.375	0.154	35000	0.6	NO	NA	NA	8.37%	NA	1991	2.8	36.37	Accept Most Stringent Criteria	--
44840	Inlet 005-R-115	380	3		1361	600	400	1440		400	X	X	VALID	2.375	0.154	35000	0.6	NO	NO	YES	8.37%	8.37%	1993	29.0	35.37	Accept Most Stringent Criteria	--
45980	Inlet 005-R-122	380	3		1361	600	400	1440		400	X	X	VALID	2.375	0.154	35000	0.6	NO	NO	YES	8.37%	8.37%	1994	25.5	34.87	Accept Most Stringent Criteria	--
A0066250	Inlet 005-R-145	380	3		1361	750	500	1440		500	X	X	VALID	2.375	0.154	35000	0.6	NO	NA	NA	8.37%	NA	2001	26.6	31.37	Accept Most Stringent Criteria	--
56324	8" Central Whatcom H.P. Line	380	3		1361	600	400	UNKV		400	X	X	UNVALID	2.375	0.154	35000	0.6	YES	NA	NA	8.37%	NA	1999	16.5	32.37	Expose/Verify, DIMP/TIMP	2018-2028
34139	Inlet 005-R-084	380	3		1361	600	400	1440		400	X		UNVALID	2.375	0.154	35000	0.6	NO	NO	YES	8.37%	8.37%	1986	20.6	38.87	DIMP/TIMP, Missing 192.517	2018-2019
40763	Inlet 005-R-101	380	3		1361	600	400	1440		400	X		UNVALID	2.375	0.154	35000	0.6	NO	NA	NA	8.37%	NA	1991	29.8	36.37	DIMP/TIMP, Missing 192.517	2018-2019
58365	Inlet 005-R-019	380	3		1361	600	400	1440		400	X		UNVALID	2.375	0.154	35000	0.6	NO	NO	YES	8.37%	8.37%	2000	67.9	31.87	DIMP/TIMP, Missing 192.517	2018-2019
16C7000	2" Nooksack H.P. Distribution System	250	3		933	0	0	NA		0			UNVALID	2.375	0.154	24000	0.6	NO	YES	YES	8.03%	8.03%	1963	731.9	83.53	116 Segment, Replace	2020
59466	Inlet 005-R-140	250	4		746	0	0	UNKV		0			UNVALID	2.375	0.154	24000	0.6	YES	YES	YES	8.03%	8.03%	2001	167.0	58.03	Pressure Test/Replace	2018-2023
A0066236	005-O-010	250	3		933	0	0	NA		0			UNVALID	2.375	0.154	24000	0.6	NO	NA	NA	8.03%	NA	1961	0.0	80.53	Addressed w/ 116 Segment	2020
1402955	Inlet 005-R-072	250	3		933	100	66	UNKV		66			UNVALID	2.375	0.154	24000	0.6	YES	NA	NA	8.03%	NA	1981	12.0	50.03	Pressure Test/Replace	2018-2023
1370	Service Stub	250	3		933	0	0	UNKV		0			UNVALID	2.375	0.154	24000	0.6	YES	NA	NA	8.03%	NA	1981	12.0	65.03	Pressure Test/Replace	2018-2023
840	Inlet 005-R-058	250	3		933	0	0	UNKV		0			UNVALID	2.375	0.154	24000	0.6	YES	NA	NA	8.03%	NA	1963	419.0	79.53	Addressed w/ 116 Segment	2020
17C4065	Main Stub	250	3		933	0	0	UNKV		0			UNVALID	2.375	0.154	24000	0.6	YES	NA	NA	8.03%	NA	1971	20.7	70.03	Addressed w/ 116 Segment	2020
2227	HPSS 2227	250	3		933	375	250	UNKV		250	X	Service	UNVALID	2.375	0.154	24000	0.6	YES	NA	NA	8.03%	NA	1980	20.0	45.53	Expose/Verify, DIMP/TIMP	2018-2028
1291800	Inlet 005-R-104	250	3		933	375	250	UNKV		250	X	Service	UNVALID	2.375	0.154	24000	0.6	YES	NA	NA	8.03%	NA	1980	22.0	45.53	Expose/Verify, DIMP/TIMP	2018-2028
1326991	HPSS 1326991	600	3		2260	900	600	UNKV		600	X	Service	UNVALID	1.05	0.113	35000	0.6	YES	NA	NA	7.96%	NA	2000	14.1	31.46	Expose/Verify, DIMP/TIMP	2018-2028
25893	Inlet 005-R-063	600	3		2260	900	600	1200		600	X		UNVALID	1.05	0.113	35000	0.6	NO	NO	YES	7.96%	7.96%	1978	7.9	42.46	DIMP/TIMP, Missing 192.517	2018-2019
1312100	HPSS 1312100	400	3		1549	470	313	UNKV		313			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.74%	NA	1979	25.1	50.74	Pressure Test/Replace	2018-2023
1319145	HPSS 1319145	400	3		1549	375	250	UNKV		250			UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	7.74%	7.74%	1995	186.7	43.74	Pressure Test/Replace	2024-2028
1312095	HPSS 1312095	400	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.74%	NA	1987	25.8	41.74	Expose/Verify, DIMP/TIMP	2018-2028
1318881	HPSS 1318881	400	3		1549	625	416	UNKV		416	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.74%	NA	1992	34.9	39.24	Expose/Verify, DIMP/TIMP	2018-2028
1319406	HPSS 1319406	400	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.74%	NA	1997	39.7	36.74	Expose/Verify, DIMP/TIMP	2018-2028
1319677	HPSS 1319677	400	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.74%	NA	2000	25.0	35.24	Expose/Verify, DIMP/TIMP	2018-2028
10C9683	Bellingham H.P. Distribution System	150	4		635	0	0	UNKV		0			UNVALID	6.625	0.188	35000	0.8	YES	YES	YES	7.55%	6.60%	1956	940.3	92.05	116 Segment, Replace	2019
33211	4" & 6" Bay Road H.P. Line	150	3		794	375	250	720		250	X	X	VALID	6.625	0.188	35000	0.8	NO	YES	YES	7.55%	5.07%	1986	6,048.9	52.05	Accept Most Stringent Criteria	--
18048	Bellingham H.P. Distribution System	150	4		635	418	278	UNKV		278	X	X	UNVALID	6.625	0.188	35000	0.8	YES	NO	YES	7.55%	5.07%	1971	3,150.1	55.05	Expose/Verify, DIMP/TIMP	2018-2028
1158689	HPSS 1158689	380	3		1549	90	60	UNKV		60			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.36%	NA	1993	94.1	43.36	Pressure Test/Replace	2024-2028
1158713	HPSS 1158713	380	3		1549	90	60	UNKV		60			UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	7.36%	7.36%	1994	113.2	43.86	Pressure Test/Replace	2024-2028
1158732	HPSS 1158731	380	3		1549	90	60	UNKV		60			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.36%	NA	1994	295.1	43.86	Pressure Test/Replace	2024-2028
1158789	HPSS 1158789	380	3		1549	90	60	UNKV		60			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.36%	NA	1996	46.0	41.86	Pressure Test/Replace	2024-2028
5641700544	HPSS 5641700544	380	3		1549	90	60	UNKV		60			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.36%	NA	2007	61.2	36.36	Pressure Test/Replace	2024-2028
1158918	HPSS 1158918	380	3		1549	600	1	UNKV		1			UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	7.36%	7.36%	2004	20.3	37.86	Pressure Test/Replace	2024-2028
886447	Service Stub	380	3		1549	90	60	UNKV		60			UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	7.36%	7.36%	2001	64.8	39.36	Addressed w/ 116 Segment	2018
886484	HPSS 886484	380	3		1549	500	333	UNKV		333			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.36%	NA	1994	134.9	43.86	Addressed w/ 116 Segment	2018
1110385	HPSS 1110385	380	3		1549	100	66	UNKV		66			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.36%	NA	1977	50.0	61.36	Addressed w/ 116 Segment	2018
1117254	HPSS 1117648	380	3		1549	100	66	UNKV		66			UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	7.36%	7.36%	1973	34.0	63.36	Addressed w/ 116 Segment	2018
1158875	HPSS 1158875	380	3		1549	90	60	UNKV		60			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.36%	NA	2002	31.3	38.86	Addressed w/ 116 Segment	2018
1275450	HPSS 1275450	380	3		1549	100	71	UNKV		71			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.36%	NA	1963	90.0	62.86	Addressed w/ 116 Segment	2018
1281740	HPSS 1281740	380	3		1549	100	71	UNKV		71			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.36%	NA	1963	65.5	62.86	Pressure Test/Replace	2018-2023
1281745	HPSS 1281745	380	3		1549	100	66	UNKV		66			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.36%	NA	1963	64.2	62.86	Pressure Test/Replace	2018-2023
1281790	HPSS 1281790	380	3		1549	100	71	UNKV		71			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.36%	NA	1970	13.0	55.86	Pressure Test/Replace	2018-2023
1281890	HPSS 1281890	380	3		1549	100	66	UNKV		66			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.36%	NA	1957	1.0	68.86	Addressed w/ 116 Segment	2018
883395	HPSS 883395	380	3		1549	100	71	UNKV		71			UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	7.36%	7.36%	1968	136.3	58.86	Addressed w/ 116 Segment	2018
883570	HPSS 883570	380	3		1549	100	66	UNKV		66			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.36%	NA	1960	55.6	65.86	Addressed w/ 116 Segment	2018
883388	HPSS 883388	380	3		1549	0	0	UNKV		0			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.36%	NA	1967	5.0	73.86	Addressed w/ 116 Segment	2018
883568	HPSS 883568	380	3		1549	0	0	UNKV		0			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.36%	NA	1965	45.9	75.86	Addressed w/ 116 Segment	2018
883572	HPSS 883572	380	3		1549	0	0	UNKV		0			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.36%	NA	1970	21.7	80.86	Addressed w/ 116 Segment	2018
883573	HPSS 883573	380	3		1549	0	0	UNKV		0			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.36%	NA	1970	18.7	70.86	Addressed w/ 116 Segment	2018
454800372	HPSS 454800372	380	3		1549	375	250	UNKV		250			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.36%	NA	1957	7.0	68.86	Addressed w/ 116 Segment	2018
5733800397	HPSS 5733800397	380	3		1549	380	253	UNKV		253			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.36%	NA	1997	109.8	42.36	Addressed w/ 116 Segment	2018
A0070652	Inlet 005-R-164	380	3		1549	90	60	UNKV		60			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.36%	NA	1992	104.0	44.86	Addressed w/ 116 Segment	2018
190	Service to 3901 Unick Rd	380	3		1549	0	0	UNKV		0			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.36%	NA	1994	166.0	58.86	Addressed w/ 116 Segment	2018
1281735	HPSS 1281735	380	3		1549	100	66	UNKV		66			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.36%	NA	1979	1.0	50.36	Pressure Test/Replace	2018-2023
1490125 (Stub)	Service Stub	380	3		1549	375	250	UNKV		250			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.36%	NA	1986	0.0	46.86	Pressure Test/Replace	2024-2028
1281860	HPSS 1281860	380	3		1549	0	0	UNKV		0			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.36%	NA	1983	3.0	63.36	Addressed w/ 116 Segment	2018
883420	HPSS 883420	380	3		1549	0	0	UNKV		0			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.36%	NA	1961	0.0	79.86	Addressed w/ 116 Segment	2018
883390	HPSS 883390	380	3		1549	900	600	UNKV		600	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.36%	NA	1997	22.0	36.36	Expose/Verify, DIMP/TIMP	2018-2028

Work Order #	Segment Name	Existing MAOP (psig)	Class Location (1,2,3,4)	Uprate (YES/NO)	Design Pressure 192.619 (a) (1) (psig)	Test Pressure (psig)	Test Pressure 192.619 (a) (2) (psig)	Pressure Class Rating (psig)	Hi-5 Pressure (psig) 192.619 (a) (3)	MAOP per 192.619 (psig)	Meets 192.619	Meets 192.517	MAOP Designation	Max Outside Diameter, OD1 (inches)	Min Wall Thickness, WT1 (inches)	Min SMYS, SMYS1 (psig)	Min Longitudinal Joint Factor, E1 (E)	Unknown Pressure Rated Fitting (YES/NO)	Fittings w/ Assumed SMYS (YES/NO)	Fittings w/ Assumed Joint Factor (YES/NO)	Max Pipe % SMYS	Max Fitting % SMYS	Install Date (Year)	Pipe Length (Feet)	Total Score	Action Plan	Action Year
883566	HPSS 883566	380	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	7.36%	7.36%	1997	79.0	36.36	Expose/Verify, DIMP/TIMP	2018-2028
883569	HPSS 883569	380	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.36%	NA	1985	39.2	42.36	Expose/Verify, DIMP/TIMP	2018-2028
883571	HPSS 883571	380	3		1549	900	600	UNKV		600	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.36%	NA	1974	43.8	47.86	Expose/Verify, DIMP/TIMP	2018-2028
884006	HPSS 884006	380	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.36%	NA	1989	48.0	40.36	Expose/Verify, DIMP/TIMP	2018-2028
884008	HPSS 884008	380	3		1549	900	600	UNKV		600	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.36%	NA	1985	43.0	42.36	Expose/Verify, DIMP/TIMP	2018-2028
884300	HPSS 884300	380	3		1549	700	466	UNKV		466	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.36%	NA	1985	10.0	42.36	Expose/Verify, DIMP/TIMP	2018-2028
884700	HPSS 884700	380	3		1549	800	533	UNKV		533	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.36%	NA	1986	8.2	41.86	Expose/Verify, DIMP/TIMP	2018-2028
886358	HPSS 886358	380	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.36%	NA	1992	27.0	38.86	Expose/Verify, DIMP/TIMP	2018-2028
886407	HPSS 886407	380	3		1549	875	583	UNKV		583	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.36%	NA	1993	144.3	39.36	Expose/Verify, DIMP/TIMP	2018-2028
886614	HPSS 886614	380	3		1549	900	600	UNKV		600	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.36%	NA	1996	112.3	37.86	Expose/Verify, DIMP/TIMP	2018-2028
1110384	HPSS 1110384	380	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.36%	NA	1973	24.0	48.36	Expose/Verify, DIMP/TIMP	2018-2028
1110388	HPSS 1110388	380	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.36%	NA	1973	10.0	48.36	Expose/Verify, DIMP/TIMP	2018-2028
1111243	HPSS 1111243	380	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.36%	NA	1983	26.0	43.36	Expose/Verify, DIMP/TIMP	2018-2028
1117305	HPSS 1117305	380	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	7.36%	7.36%	1992	174.6	39.86	Expose/Verify, DIMP/TIMP	2018-2028
1152100	HPSS 1152100	380	3		1549	900	600	UNKV		600	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.36%	NA	1994	55.5	37.86	Expose/Verify, DIMP/TIMP	2018-2028
1158541	HPSS 1158541	380	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.36%	NA	1990	20.0	39.86	Expose/Verify, DIMP/TIMP	2018-2028
1158692	HPSS 1158692	380	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.36%	NA	1993	197.7	39.36	Expose/Verify, DIMP/TIMP	2018-2028
1158694	HPSS 1158694	380	3		1549	900	600	UNKV		600	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.36%	NA	1993	83.6	38.36	Expose/Verify, DIMP/TIMP	2018-2028
1158696	HPSS 1158696	380	3		1549	900	600	UNKV		600	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.36%	NA	1994	121.4	38.86	Expose/Verify, DIMP/TIMP	2018-2028
1158699	HPSS 1158699	380	3		1549	650	433	UNKV		433	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.36%	NA	1994	177.8	38.86	Expose/Verify, DIMP/TIMP	2018-2028
1158706	HPSS 1158706	380	3		1549	900	600	UNKV		600	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.36%	NA	1994	58.0	37.86	Expose/Verify, DIMP/TIMP	2018-2028
1158708	HPSS 1158708	380	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.36%	NA	1994	62.7	37.86	Expose/Verify, DIMP/TIMP	2018-2028
1158715	HPSS 1158715	380	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	7.36%	7.36%	1994	197.9	38.86	Expose/Verify, DIMP/TIMP	2018-2028
1158739	HPSS 1158739	380	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.36%	NA	1995	99.0	37.36	Expose/Verify, DIMP/TIMP	2018-2028
1158750	HPSS 1158750	380	3		1549	900	600	UNKV		600	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.36%	NA	1995	112.6	38.36	Expose/Verify, DIMP/TIMP	2018-2028
1158752	HPSS 1158752	380	3		1549	700	466	UNKV		466	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.36%	NA	1996	136.8	37.86	Expose/Verify, DIMP/TIMP	2018-2028
1158770	HPSS 1158770	380	3		1549	790	526	UNKV		526	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.36%	NA	1996	15.5	36.86	Expose/Verify, DIMP/TIMP	2018-2028
1158786	HPSS 1158786	380	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.36%	NA	1997	46.9	36.36	Expose/Verify, DIMP/TIMP	2018-2028
1158791	HPSS 1158791	380	3		1549	950	633	UNKV		633	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.36%	NA	1997	47.1	36.36	Expose/Verify, DIMP/TIMP	2018-2028
1158834	HPSS 1158834	380	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.36%	NA	1999	40.0	35.36	Expose/Verify, DIMP/TIMP	2018-2028
1275390	HPSS 1275390	380	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.36%	NA	1992	201.0	39.86	Expose/Verify, DIMP/TIMP	2018-2028
1275395	HPSS 1275395	380	3		1549	900	600	UNKV		600	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.36%	NA	1984	32.4	42.86	Expose/Verify, DIMP/TIMP	2018-2028
1280032	HPSS 1280032	380	3		1549	900	600	UNKV		600	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.36%	NA	1993	16.6	38.36	Expose/Verify, DIMP/TIMP	2018-2028
1280533	HPSS 1280533	380	3		1549	650	433	UNKV		433	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.36%	NA	1998	179.0	36.86	Expose/Verify, DIMP/TIMP	2018-2028
1280651	HPSS 1280651	380	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.36%	NA	1998	21.0	35.86	Expose/Verify, DIMP/TIMP	2018-2028
1280912	HPSS 1280912	380	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.36%	NA	2000	13.0	34.86	Expose/Verify, DIMP/TIMP	2018-2028
1281732	HPSS 1281732	380	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.36%	NA	1988	7.0	40.86	Expose/Verify, DIMP/TIMP	2018-2028
1281738	HPSS 1281738	380	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.36%	NA	1989	115.0	41.36	Expose/Verify, DIMP/TIMP	2018-2028
1281760	HPSS 1281760	380	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.36%	NA	1993	72.7	38.36	Expose/Verify, DIMP/TIMP	2018-2028
2454800374	HPSS 2454800374	380	3		1549	900	600	UNKV		600	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.36%	NA	1992	86.0	38.86	Expose/Verify, DIMP/TIMP	2018-2028
5531700569	HPSS 5531700569	380	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.36%	NA	1999	22.0	35.36	Expose/Verify, DIMP/TIMP	2018-2028
7683800794	HPSS 7683800794	380	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.36%	NA	2001	27.0	34.36	Expose/Verify, DIMP/TIMP	2018-2028
9349400969	HPSS 9349400969	380	3		1549	900	600	UNKV		600	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.36%	NA	1993	141.0	39.36	Expose/Verify, DIMP/TIMP	2018-2028
177227	4" West Ferndale H.P. Line	250	3		1052	840	560	1440		560	X	X	VALID	4.5	0.188	42000	0.6	NO	NO	YES	7.12%	6.78%	2012	7,815.7	34.62	Accept Most Stringent Criteria	--
196032	005-R-169	250	3		1052	840	560	720		560	X	X	VALID	6.625	0.28	52000	0.8	NO	NO	YES	7.12%	6.78%	2012	51.5	24.62	Accept Most Stringent Criteria	--
196033	Inlet 005-R-170	250	3		1052	840	560	720		560	X	X	VALID	4.5	0.188	42000	0.6	NO	NO	YES	7.12%	4.56%	2012	42.4	24.62	Accept Most Stringent Criteria	--
53163	Inlet 005-R-131	250	3		1106	600	400	NA		400	X	X	VALID	4.5	0.237	35000	0.6	NO	NA	NA	6.78%	NA	1997	5.0	31.78	Accept Most Stringent Criteria	--
AA000801	005-V-165	250	3		1106	600	400	720		400	X	X	VALID	4.5	0.237	35000	0.6	NO	NO	YES	6.78%	6.78%	2002	0.0	29.28	Accept Most Stringent Criteria	--
192833	Inlet 005-R-064	250	3		1193	750	1	740		1			UNVALID	1.315	0.109	24000	0.6	NO	YES	YES	6.28%	6.28%	2012	1.0	32.78	Addressed w/ 116 Segment	2020
1471600263	HPSS 1471600263	250	4		954	90	60	UNKV		60			UNVALID	1.315	0.109	24000	0.6	YES	NA	NA	6.28%	NA	1992	18.0	44.78	Pressure Test/Replace	2024-2028
5350662606	HPSS 5350662606	250	3		1193	95	63	UNKV		63			UNVALID	1.315	0.109	24000	0.6	YES	NA	NA	6.28%	NA	2017	26.0	30.28	Addressed w/ 116 Segment	2020
639400902	HPSS 639400902	250	3		1193	650	433	UNKV		433	X	Service	UNVALID	1.315	0.109	24000	0.6	YES	NA	NA	6.28%	NA	2015	29.1	26.28	Expose/Verify, DIMP/TIMP	2018-2028
3709809524	HPSS 3709809524	250	3		1193	750	500	UNKV		500	X	Service	UNVALID	1.315	0.109	24000	0.6	YES	NA	NA	6.28%	NA	2016	20.5	25.78	Expose/Verify, DIMP/TIMP	2018-2028
8893900683	HPSS 8893900683	250	3		1193	600	400	UNKV		400	X	Service	UNVALID	1.315	0.109	24000	0.6	YES	NA	NA	6.28%	NA	1989	115.0	40.28	Expose/Verify, DIMP/TIMP	2018-2028
8974900380	HPSS 8974900380	250	3		1193	400	266	UNKV		266	X	Service	UNVALID	1.315	0.109	24000	0.6	YES	NA	NA	6.28%	NA	1972	57.0	47.78	Expose/Verify, DIMP/TIMP	2018-2028
9448900586	HPSS 9448900586	250	3		1193	750	500	UNKV		500	X	Service	UNVALID	1.315	0.109	24000	0.6	YES	NA	NA	6.28%	NA	2015	149.0	27.28	Expose/Verify, DIMP/TIMP	2018-2028
178608	Bellingham H.P. Distribution System	150	4		760	400	266	960		266	X	X	VALID	10.75	0.25	52000	0.8	NO	NO	YES	6.20%	6.31%	2010	500.6	31.81	Accept Most Stringent Criteria	--
210696	Bellingham H.P. Distribution System	150	3		933	660	440	UNKV		440	X	X	UNVALID	10.75	0.25	52000	0.8	YES	YES	YES	6.20%	6.31%	2014	973.3	31.81	Expose/Verify, DIMP/TIMP	2018-2028
217117	Bellingham H.P. Distribution System	150	3		950	620	413	UNKV		413	X	X	UNVALID	10.75	0.25	52000	0.8	YES	YES	YES	6.20%	6.31%	2014	15.3	26.81	Expose/Verify, DIMP/TIMP	2018-2028
1374790	Service Stub	250	3		1214	600	400	UNKV		400	X	Service	UNVALID	1.66	0.14	24000	0.6	YES	NA	NA	6.18%	NA	1974	100.6	47.68	Expose/Verify, DIMP/TIMP	2018-2028
34405 - 170	4" South Sumas H.P. Line	170	3		877	375	250	250		250	X	X	VALID	4.5	0.188	35000	0.6	NO	NO	YES	5.81%	4.61%	1987	6,566.5	45.81	Accept Most Stringent Criteria	--
40143	4" South Sumas H.P. Line	170	3		877	640	426	720		426	X		UNVALID	4.5	0.188	35000	0.6	NO	YES	YES	5.81%	4.61%	1987	478.3	40.81	DIMP/TIMP, Missing 192.517	2018-2019
A0070915	Inlet 005-R-141	150	3		665	425	283	720		283	X		UNVALID	6.625	0.25	35000	0.8	NO	YES	YES	5.68%	9.01%	2004	24.2	34.51	DIMP/TIMP, Missing 192.517	2018-2019
7766800130	Service to 4100 W Unick Rd.	380	3		933	620	413	720		413	X	Service	VALID	2.375	0.154	52000	0.6	NO	YES	YES	5.63%	12.21%	2016	0.0	36.71	Accept Most Stringent Criteria	--
20048	2" Nooksack H.P. Distribution System	250	3		1361	300	200	NA		200			UNVALID	2.375	0.154	35000	0.6	NO	NA	NA	5.51%	NA	1972	740.2	53.01	116 Segment, Downrate	2022
20519	2" Nooksack H.P. Distribution System	250	3		1361	300	200	NA		200			UNVALID	2.375	0.154	35000	0.6	NO	NA	NA	5.51%	NA	1972	493.0	49.01	116 Segment, Downrate	2022
27342	Inlet 005-R-070	250	3		1106	100	1	400		1			UNVALID	2.375	0.154	35000	0.6	NO	NO	YES	5.51%	6.78%	1980	99.5	45.28	Pressure Test/Replace	2024-2028
34853	Inlet 005-R-091	250	3		1361	100	66	1440		66			UNVALID	2.375	0.154	35000	0.6	NO	NO	YES	5.51%	5.51%	1987	115.4	41.51	Pressure Test/Replace	2024-2028
41675	Inlet 005-R-105	250	3		1361	0	0	1440		0			UNVALID	2.375	0.154	35000	0.6	NO	YES	YES	5.51%	5.39%	1992	69.9	57.01	Pressure Test/Replace	2018-2023
A0078667	Inlet 005-R-156	250	3		1361	90	60	UNKV		60			UNVALID	2.375	0.154	35000	0.6	YES	NO	YES	5.51%	5.51%	2005	52.0	31.51	Addressed w/ 116 Segment	2020
29329	2" Nooksack H.P. Distribution System	250	3		1361	375	250	NA		250	X	X	VALID	2.375	0.154	35000	0.6	NO	NO	YES	5.51%	5.51%	1981	2,814.3	46.01	Accept Most Stringent Criteria	--
33810	4" Blaine H.P. Line (Loomis Trail Rd)	250	3		933	375	250	1440		250	X	X	VALID	2.375	0.154	35000	0.6	NO	YES	YES	5.51%	8.03%	1986	388.9	43.53	Accept Most Stringent Criteria	--
44262	2" Nooksack H.P. Distribution System	250	3		1193	600	400	1440		400	X	NA	VALID	2.375	0.154	35000	0.6	NO	YES	YES	5.51%	6.28%	1956	283.9	64.78	Accept Most Stringent Criteria	--
46250	4" South Lynden H.P. Line	250	3		933	425	283	1440		283	X	X	VALID	2.375	0.154	35000	0.6	NO	YES	YES	5.51%	8.03%	1993	128.1	40.03	Accept Most Stringent Criteria	--
31234	Inlet 005-R-036	250	3		1361	900	600	250		250	X	X	VALID	2.375	0.154	35000	0.6	NO	NA	NA	5.51%	NA	1984	18.7	37.01	Accept Most Stringent Criteria	--
37648	Inlet 005-R-097	250	3		1361	700	466	1440		466	X	X	VALID	2.375	0.154	35000	0.6	NO	NO	YES	5.51%	5.51%	1990	8.5	34.01	Accept Most Stringent Criteria	--
41166	Inlet 005-R-111	250	3		1106	600	400	1440		400	X	X	VALID	2.375	0.154	35000	0.6	NO	NO	YES	5.51%	6.78%	1993	17.8	33.78	Accept Most Stringent Criteria	--
33811	Inlet 005-R-081	250	3		1361	375	250	1440		250	X		UNVALID	2.375	0.154	35000	0.6	NO	NA	NA	5.51%	NA	1986	82.7	36.01	DIMP/TIMP, Missing 192.517	2018-2019
35255	Inlet 005-R-091	250	3		1361	400	266	NA		266	X		UNVALID	2.375	0.154	35000	0.6	NO	NO	YES	5.51%	5.51%	1988	16.9	35.01	DIMP/TIMP, Missing 192.517	2018-2019
A0066734	Inlet 005-R-147	250	3		933	750	500	1440		500	X		UNVALID	2.375	0.154	35000	0.6	NO	YES	YES	5.51%	8.03%	2003	39.1	34.03	DIMP/TIMP, Missing 192.517	2018-2019
A0066749	Inlet 005-R-148	250	4		1089	750	500	1440		500	X		UNVALID	2.375	0.154	35000	0.6	NO	NA	NA	5.51%	NA	2002	34.2	30.01	DIMP/TIMP, Missing 192.517	2018-2019
AA000777	Inlet 005-R-146	250	3		1361	600	400	1440		400	X		UNVALID	2.375	0.154	35000	0.6	NO	NA	NA	5.51%	NA	2001	11.7	28.51	DIMP/TIMP, Missing 192.517	2018-2019
1437666	Service Stub	170	3		933	0	0	1440		0			UNVALID	2.375	0.154	24000	0.6	NO	YES	YES	5.46%	5.46%	2002	1.0	51.96	Pressure Test/Replace	2018-2023

Work Order #	Segment Name	Existing MAOP (psig)	Class Location (1,2,3,4)	Uprate (YES/NO)	Design Pressure 192.619 (a) (1) (psig)	Test Pressure (psig)	Test Pressure 192.619 (a) (2) (psig)	Pressure Class Rating (psig)	Hi-5 Pressure (psig) 192.619 (a) (3)	MAOP per 192.619 (psig)	Meets 192.619	Meets 192.517	MAOP Designation	Max Outside Diameter, OD1 (inches)	Min Wall Thickness, WT1 (inches)	Min SMYS, SMYS1 (psig)	Min Longitudinal Joint Factor, E1 (E)	Unknown Pressure Rated Fitting (YES/NO)	Fittings w/ Assumed SMYS (YES/NO)	Fittings w/ Assumed Joint Factor (YES/NO)	Max Pipe % SMYS	Max Fitting % SMYS	Install Date (Year)	Pipe Length (Feet)	Total Score	Action Plan	Action Year
1437704	HPSS 1437704	170	3		933	900	600	UNKV		600	X	Service	UNVALID	2.375	0.154	24000	0.6	YES	NA	NA	5.46%	NA	2008	17.7	28.96	Expose/Verify, DIMP/TIMP	2018-2028
54421	Inlet 005-R-135	155	3		877	305	203	720		203	X	X	VALID	4.5	0.188	35000	0.6	NO	NA	NA	5.30%	NA	1998	38.6	29.80	Accept Most Stringent Criteria	--
211165	Bellingham H.P. Distribution System	155	3		641	0	0	UNKV		0			UNVALID	3.5	0.216	24000	0.6	YES	YES	YES	5.23%	7.24%	1955	87.4	85.74	Addressed w/ 116 Segment	2019
20752	Bellingham H.P. Distribution System	150	4		701	100	66	NA		66			UNVALID	4.5	0.188	35000	0.6	NO	NO	YES	5.13%	4.07%	1972	48.8	49.63	116 Segment, Replace	2019
21298	Bellingham H.P. Distribution System	150	4		701	0	0	NA		0			UNVALID	4.5	0.188	35000	0.6	NO	NO	YES	5.13%	4.07%	1973	123.0	65.13	116 Segment, Replace	2019
39957	Bellingham H.P. Distribution System	150	3		499	300	200	200		200	X	X	VALID	4.5	0.188	35000	0.6	NO	YES	YES	5.13%	9.01%	1991	281.6	42.01	Accept Most Stringent Criteria	--
22344	Bellingham H.P. Distribution System	150	3		499	600	400	UNKV		400	X		UNVALID	4.5	0.188	35000	0.6	YES	YES	YES	5.13%	9.01%	1973	164.8	51.01	Expose/Verify, DIMP/TIMP	2018-2028
59026	Bellingham H.P. Distribution System	150	4		399	310	206	275		206	X		UNVALID	4.5	0.188	35000	0.6	NO	YES	YES	5.13%	9.01%	2000	1,269.2	46.01	DIMP/TIMP, Missing 192.517	2018-2019
19466 - 150	4" & 6" Bay Road H.P. Line	150	3		877	750	500	275		275	X		UNVALID	4.5	0.188	35000	0.6	NO	NO	YES	5.13%	4.07%	1973	9,326.0	52.13	DIMP/TIMP, Missing 192.517	2018-2019
1117741	HPSS 1117741	380	3		3766	90	60	UNKV		60			UNVALID	1.05	0.113	35000	1	YES	NA	NA	5.04%	NA	2001	20.8	31.04	Pressure Test/Replace	2024-2028
211166	Inlet 005-R-006	155	3		933	0	0	NA		0			UNVALID	2.375	0.154	24000	0.6	NO	YES	YES	4.98%	4.98%	1957	6.7	66.48	Addressed w/ 116 Segment	2019
14483	005-O-004, 005-R-032	155	3		933	0	0	NA		0			UNVALID	2.375	0.154	24000	0.6	NO	NA	NA	4.98%	NA	1968	14.3	55.48	Pressure Test/Replace	2018-2023
1117530	Service Stub	250	3		1549	90	60	UNKV		60			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1996	79.0	30.34	Pressure Test/Replace	2024-2028
1370945	HPSS 1370945	250	3		1549	100	66	UNKV		66			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1964	13.0	50.34	Pressure Test/Replace	2018-2023
1371760	HPSS 1371761	250	3		1549	100	66	UNKV		66			UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	4.84%	4.84%	1973	78.0	41.84	Pressure Test/Replace	2024-2028
1371761	HPSS 1371761	250	3		1549	90	1	NA		1			UNVALID	1.05	0.113	24000	0.6	NO	NA	NA	4.84%	NA	2006	42.9	25.34	Pressure Test/Replace	2024-2028
1371900	HPSS 1371900	250	3		1549	90	64	UNKV		64			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1969	47.0	45.34	Pressure Test/Replace	2024-2028
1371910	HPSS 1371910	250	3		1549	100	66	UNKV		66			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1961	3.0	53.34	Pressure Test/Replace	2018-2023
1371920	HPSS 1371920	250	3		1549	100	66	UNKV		66			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1961	3.0	53.34	Pressure Test/Replace	2018-2023
1371930	HPSS 1371930	250	3		1549	100	66	UNKV		66			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1961	3.0	53.34	Pressure Test/Replace	2018-2023
1371940	HPSS 1371940	250	3		1549	100	66	UNKV		66			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1961	3.0	53.34	Pressure Test/Replace	2018-2023
1371960	HPSS 1371960	250	3		1549	100	66	UNKV		66			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1962	37.4	52.34	Pressure Test/Replace	2018-2023
1371970	HPSS 1371970	250	3		1549	100	66	UNKV		66			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1961	4.0	53.34	Pressure Test/Replace	2018-2023
1371980	HPSS 1371980	250	3		1549	100	66	UNKV		66			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1961	40.0	53.34	Pressure Test/Replace	2018-2023
1371990	HPSS 1371990	250	3		1549	100	71	UNKV		71			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1969	11.0	45.34	Pressure Test/Replace	2024-2028
1372000	HPSS 1372000	250	3		1549	100	71	UNKV		71			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1968	10.3	46.34	Pressure Test/Replace	2024-2028
1375800	HPSS 1377644	250	3		1549	100	66	UNKV		66			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1985	201.2	36.84	Pressure Test/Replace	2024-2028
1376210	HPSS 1376210	250	3		1549	100	66	UNKV		66			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1990	49.3	33.34	Pressure Test/Replace	2024-2028
1377764	HPSS 1377764	250	3		1549	300	200	UNKV		200			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1994	97.1	31.34	Pressure Test/Replace	2024-2028
1377823	HPSS 1377823	250	3		1549	90	60	UNKV		60			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1996	36.0	30.34	Pressure Test/Replace	2024-2028
1377828	HPSS 1377828	250	3		1549	90	60	UNKV		60			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1996	58.6	30.34	Pressure Test/Replace	2024-2028
1377844	HPSS 1377844	250	3		1549	90	60	UNKV		60			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1997	8.0	29.84	Pressure Test/Replace	2024-2028
1377896	HPSS 1377896	250	3		1549	350	233	UNKV		233			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1997	29.0	29.84	Pressure Test/Replace	2024-2028
1377913	HPSS 1377913	250	3		1549	90	60	UNKV		60			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1999	20.1	28.84	Pressure Test/Replace	2024-2028
1377929	HPSS 1377929	250	3		1549	90	60	UNKV		60			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	2000	40.2	28.34	Pressure Test/Replace	2024-2028
1371500	HPSS 1371500	250	3		1549	100	71	UNKV		71			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1969	8.3	45.34	Addressed w/ 116 Segment	2020
1402930	HPSS 1403949	250	3		1549	300	200	UNKV		200			UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	4.84%	4.84%	1972	73.3	42.34	Addressed w/ 116 Segment	2022
1402935	HPSS 1402935	250	3		1549	350	233	UNKV		233			UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	4.84%	4.84%	1978	42.0	39.34	Addressed w/ 116 Segment	2022
1371510	HPSS 1371510	250	3		1549	90	1	UNKV		1			UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	4.84%	4.84%	2003	84.9	26.84	Addressed w/ 116 Segment	2020
1371530	HPSS 1371530	250	3		1549	100	71	UNKV		71			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1966	49.2	48.34	Addressed w/ 116 Segment	2020
1498731	HPSS 1498731	250	3		1549	90	60	UNKV		60			UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	4.84%	4.84%	1991	40.0	32.84	Pressure Test/Replace	2024-2028
1371550	HPSS 1371550	250	3		1549	100	71	UNKV		71			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1969	3.0	45.34	Addressed w/ 116 Segment	2020
1371570	HPSS 1371570	250	3		1549	30	21	UNKV		21			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1968	46.7	46.34	Addressed w/ 116 Segment	2020
1371595	HPSS 1371595	250	3		1549	100	66	UNKV		66			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1963	16.1	51.34	Addressed w/ 116 Segment	2020
1371610	HPSS 1371610	250	3		1549	100	66	UNKV		66			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1962	14.9	52.34	Addressed w/ 116 Segment	2020
1371620	HPSS 1371620	250	3		1549	100	66	UNKV		66			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1971	7.0	42.84	Addressed w/ 116 Segment	2020
1371630	HPSS 1371630	250	3		1549	100	66	UNKV		66			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1962	14.7	52.34	Addressed w/ 116 Segment	2020
1371640	HPSS 1371640	250	3		1549	100	66	UNKV		66			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1973	41.8	41.84	Addressed w/ 116 Segment	2020
1371650	HPSS 1371650	250	3		1549	100	66	UNKV		66			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1964	51.7	50.34	Addressed w/ 116 Segment	2020
1371660	HPSS 1371660	250	3		1549	95	1	UNKV		1			UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	4.84%	4.84%	1964	30.9	50.34	Addressed w/ 116 Segment	2020
1371700	HPSS 1371700	250	3		1549	100	71	UNKV		71			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1968	2.0	46.34	Addressed w/ 116 Segment	2020
1374252	HPSS 1374252	250	3		1549	100	66	UNKV		66			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1979	81.0	38.84	Addressed w/ 116 Segment	2020
1374540	HPSS 1374540	250	3		1549	100	66	UNKV		66			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1961	39.8	53.34	Addressed w/ 116 Segment	2020
1374545	HPSS 1374545	250	3		1549	50	35	UNKV		35			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1966	38.9	48.34	Addressed w/ 116 Segment	2020
1374570	HPSS 1374570	250	3		1549	100	66	UNKV		66			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1961	32.0	53.34	Addressed w/ 116 Segment	2020
1374590	HPSS 1374590	250	3		1549	100	66	UNKV		66			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1964	20.3	50.34	Addressed w/ 116 Segment	2020
1374650	HPSS 1374650	250	3		1549	100	66	UNKV		66			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1963	40.0	51.34	Addressed w/ 116 Segment	2020
1374660	HPSS 1374660	250	3		1549	100	66	UNKV		66			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1961	39.4	53.34	Addressed w/ 116 Segment	2020
1374680	HPSS 1374680	250	3		1549	100	71	UNKV		71			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1967	18.0	47.34	Addressed w/ 116 Segment	2020
1374700	HPSS 1374700	250	3		1549	100	71	UNKV		71			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1965	25.0	49.34	Addressed w/ 116 Segment	2020
1374720	HPSS 1374720	250	3		1549	100	66	UNKV		66			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1963	48.0	51.34	Addressed w/ 116 Segment	2020
1374740	HPSS 1374740	250	3		1549	100	66	UNKV		66			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1963	21.9	51.34	Addressed w/ 116 Segment	2020
1374760	Service Stub	250	3		1549	100	66	UNKV		66			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1961	40.0	53.34	Addressed w/ 116 Segment	2020
1374770	Service Stub	250	3		1549	100	66	UNKV		66			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1963	40.0	51.34	Addressed w/ 116 Segment	2020
1374860	HPSS 1374860	250	3		1549	100	66	UNKV		66			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1971	51.2	42.84	Addressed w/ 116 Segment	2020
1402800	HPSS 1402800	250	3		1549	95	1	UNKV		1			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1971	20.0	42.84	Addressed w/ 116 Segment	2020
1402810	HPSS 1402810	250	3		1549	100	66	UNKV		66			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1970	11.9	44.34	Addressed w/ 116 Segment	2020
1402820	HPSS 1402820	250	3		1549	100	71	UNKV		71			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1966	39.2	48.34	Addressed w/ 116 Segment	2020
1402830	HPSS 1402830	250	3		1549	100	66	UNKV		66			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1973	61.1	41.84	Addressed w/ 116 Segment	2020
1402880	HPSS 1402880	250	3		1549	100	71	UNKV		71			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1967	52.0	47.34	Addressed w/ 116 Segment	2020
1402890	HPSS 1402890	250	3		1549	100	71	UNKV		71			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1969	3.0	45.34	Addressed w/ 116 Segment	2020
1402900	HPSS 1402900	250	3		1549	100	71	UNKV		71			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1967	3.0	47.34	Addressed w/ 116 Segment	2020
1402970	HPSS 1402970	250	3		1549	100	71	UNKV		71			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1968	14.0	46.34	Addressed w/ 116 Segment	2020
1402980	HPSS 1402980	250	3		1549	100	71	UNKV		71			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1968	42.8	46.34	Addressed w/ 116 Segment	2020
1403779	HPSS 1403779	250	3		1549	90	60	UNKV		60			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1991	51.0	32.84	Addressed w/ 116 Segment	2020
1403788	HPSS 1403788	250	3		1549	90	60	UNKV		60			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1991	15.0	32.84	Addressed w/ 116 Segment	2020
1403896	HPSS 1403896	250	3		1549	90	60	UNKV		60			UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	4.84%	4.84%	1996	47.9	30.34	Addressed w/ 116 Segment	2020
1371780	HPSS 1371780	250	3		1549	0	0	UNKV		0			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1983	40.0	45.84	Pressure Test/Replace	2024-2028
1371850	HPSS 1371850	250	3		1549	0	0	UNKV		0			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1961	69.1	62.34	Pressure Test/Replace	2018-2023
1377701	HPSS 1377701	250	3		1549	0	0	UNKV		0			UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	4.84%	4.84%	1993	83.8	40.84	Pressure Test/Replace	2024-2028
1402881	HPSS 1402881	250	3		1549	620	1	UNKV		1			UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	4.84%	4.84%	2004	19.5	26.34	Addressed w/ 116 Segment	2020
1402901	HPSS 1402901	250	3		1549	680	1	UNKV		1			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	2006	18.0	25.34	Addressed w/ 116 Segment	2020
1373470	HPSS 1373470	250	3		1549	0	0	UNKV		0			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1964	42.1	59.34	Pressure Test/Replace	2018-2023

Work Order #	Segment Name	Existing MAOP (psig)	Class Location (1,2,3,4)	Uprate (YES/NO)	Design Pressure 192.619 (a) (1) (psig)	Test Pressure (psig)	Test Pressure 192.619 (a) (2) (psig)	Pressure Class Rating (psig)	Hi-5 Pressure (psig) 192.619 (a) (3)	MAOP per 192.619 (psig)	Meets 192.619	Meets 192.517	MAOP Designation	Max Outside Diameter, OD1 (inches)	Min Wall Thickness, WT1 (inches)	Min SMYS, SMYS1 (psig)	Min Longitudinal Joint Factor, E1 (E)	Unknown Pressure Rated Fitting (YES/NO)	Fittings w/ Assumed SMYS (YES/NO)	Fittings w/ Assumed Joint Factor (YES/NO)	Max Pipe % SMYS	Max Fitting % SMYS	Install Date (Year)	Pipe Length (Feet)	Total Score	Action Plan	Action Year
547620014	Service Stub	250	3		1549	0	0	UNKV		0			UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	4.84%	4.84%	1986	19.2	44.34	Pressure Test/Replace	2024-2028
1371590	HPSS 1371590	250	3		1549	0	0	UNKV		0			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1963	16.2	60.34	Addressed w/ 116 Segment	2020
1372820	HPSS 1377620	250	3		1549	0	0	UNKV		0			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1961	36.0	62.34	Addressed w/ 116 Segment	2020
1374675	HPSS 1374675	250	3		1549	0	0	UNKV		0			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	2007	113.0	34.84	Addressed w/ 116 Segment	2020
1402680	HPSS 1402680	250	3		1549	0	0	UNKV		0			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1961	12.0	62.34	Addressed w/ 116 Segment	2020
1402860	HPSS 1402860	250	3		1549	0	0	UNKV		0			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1965	35.1	58.34	Addressed w/ 116 Segment	2020
837620061	Service Stub	250	3		1549	0	0	UNKV		0			UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	4.84%	4.84%	1991	41.2	41.84	Pressure Test/Replace	2024-2028
1402870	HPSS 1402870	250	3		1549	0	0	UNKV		0			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1964	56.2	59.34	Addressed w/ 116 Segment	2020
583900576	Service Stub	250	3		1549	0	0	UNKV		0			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1974	49.9	50.34	Addressed w/ 116 Segment	2020
1377620	HPSS 1377620	250	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	4.84%	4.84%	1991	99.0	31.84	Expose/Verify, DIMP/TIMP	2018-2028
1403908	HPSS 1403908	250	3		1549	525	350	UNKV		350	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1997	57.0	28.84	Expose/Verify, DIMP/TIMP	2018-2028
1372002	HPSS 1372002	250	3		1549	700	466	UNKV		466	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	2004	1.0	25.34	Expose/Verify, DIMP/TIMP	2018-2028
995061	HPSS 995061	250	4		1239	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1997	17.0	30.84	Expose/Verify, DIMP/TIMP	2018-2028
995118	HPSS 995118	250	4		1239	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	2004	18.9	27.34	Expose/Verify, DIMP/TIMP	2018-2028
1280209	HPSS 1280209	250	3		1549	375	250	UNKV		250	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1986	13.0	34.34	Expose/Verify, DIMP/TIMP	2018-2028
1285371	HPSS 1285371	250	3		1549	375	250	UNKV		250	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	2008	33.2	23.34	Expose/Verify, DIMP/TIMP	2018-2028
1289695	HPSS 1289695	250	3		1549	375	250	UNKV		250	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1980	20.0	37.34	Expose/Verify, DIMP/TIMP	2018-2028
1371600	HPSS 1371600	250	3		1549	450	300	UNKV		300	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1979	79.3	37.84	Expose/Verify, DIMP/TIMP	2018-2028
1371632	HPSS 1371632	250	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	4.84%	4.84%	1987	60.1	33.84	Expose/Verify, DIMP/TIMP	2018-2028
1371725	HPSS 1371725	250	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1980	127.1	38.34	Expose/Verify, DIMP/TIMP	2018-2028
1371740	HPSS 1371740	250	3		1549	900	600	UNKV		600	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1978	68.0	38.34	Expose/Verify, DIMP/TIMP	2018-2028
1371770	HPSS 1371770	250	3		1549	400	266	UNKV		266	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1972	20.0	41.34	Expose/Verify, DIMP/TIMP	2018-2028
1371997	HPSS 1371997	250	3		1549	400	266	UNKV		266	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	4.84%	4.84%	1989	68.8	32.84	Expose/Verify, DIMP/TIMP	2018-2028
1372040	HPSS 1372040	250	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	4.84%	4.84%	1986	54.0	34.34	Expose/Verify, DIMP/TIMP	2018-2028
1372365	HPSS 1372365	250	3		1549	400	266	UNKV		266	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	4.84%	4.84%	1988	103.0	34.34	Expose/Verify, DIMP/TIMP	2018-2028
1372785	HPSS 1372785	250	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1980	83.1	37.34	Expose/Verify, DIMP/TIMP	2018-2028
1372810	HPSS 1372810	250	3		1549	700	466	UNKV		466	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	4.84%	4.84%	2003	69.8	25.84	Expose/Verify, DIMP/TIMP	2018-2028
1374240	HPSS 1374240	250	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1975	7.0	39.84	Expose/Verify, DIMP/TIMP	2018-2028
1374560	HPSS 1374560	250	3		1549	600	428	UNKV		428	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1965	22.0	48.34	Expose/Verify, DIMP/TIMP	2018-2028
1375102	HPSS 1375102	250	3		1549	400	266	UNKV		266	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1984	39.8	35.34	Expose/Verify, DIMP/TIMP	2018-2028
1375106	HPSS 1375106	250	3		1549	400	266	UNKV		266	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1987	12.0	33.84	Expose/Verify, DIMP/TIMP	2018-2028
1375795	HPSS 1375795	250	3		1549	450	300	UNKV		300	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1982	53.3	36.34	Expose/Verify, DIMP/TIMP	2018-2028
1376080	HPSS 1376080	250	3		1549	700	466	UNKV		466	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1988	50.0	33.34	Expose/Verify, DIMP/TIMP	2018-2028
1376100	HPSS 1376100	250	3		1549	700	466	UNKV		466	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1988	49.7	33.34	Expose/Verify, DIMP/TIMP	2018-2028
1376240	HPSS 1376240	250	3		1549	450	300	UNKV		300	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1983	40.7	35.84	Expose/Verify, DIMP/TIMP	2018-2028
1377501	HPSS 1377501	250	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1989	83.4	32.84	Expose/Verify, DIMP/TIMP	2018-2028
1377502	HPSS 1377502	250	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1989	155.9	33.84	Expose/Verify, DIMP/TIMP	2018-2028
1377525	HPSS 1377525	250	3		1549	400	266	UNKV		266	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	4.84%	4.84%	1989	351.2	33.84	Expose/Verify, DIMP/TIMP	2018-2028
1377532	HPSS 1377532	250	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1990	47.0	32.34	Expose/Verify, DIMP/TIMP	2018-2028
1377536	HPSS 1377536	250	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1990	126.0	33.34	Expose/Verify, DIMP/TIMP	2018-2028
1377541	HPSS 1377541	250	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1990	82.0	32.34	Expose/Verify, DIMP/TIMP	2018-2028
1377593	HPSS 1377593	250	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1991	116.0	32.84	Expose/Verify, DIMP/TIMP	2018-2028
1377603	HPSS 1377603	250	3		1549	900	600	UNKV		600	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	4.84%	4.84%	1991	191.0	32.84	Expose/Verify, DIMP/TIMP	2018-2028
1377604	HPSS 1377604	250	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1991	84.7	31.84	Expose/Verify, DIMP/TIMP	2018-2028
1377640	HPSS 1377640	250	3		1549	675	450	UNKV		450	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1991	96.0	31.84	Expose/Verify, DIMP/TIMP	2018-2028
1377643	HPSS 1377643	250	3		1549	700	466	UNKV		466	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1991	100.6	32.84	Expose/Verify, DIMP/TIMP	2018-2028
1377651	HPSS 1377651	250	3		1549	675	450	UNKV		450	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1992	127.5	32.34	Expose/Verify, DIMP/TIMP	2018-2028
1377678	HPSS 1377678	250	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1992	25.0	31.34	Expose/Verify, DIMP/TIMP	2018-2028
1377679	HPSS 1377679	250	3		1549	700	466	UNKV		466	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1992	34.7	31.34	Expose/Verify, DIMP/TIMP	2018-2028
1377682	HPSS 1377682	250	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1992	331.1	32.34	Expose/Verify, DIMP/TIMP	2018-2028
1377684	HPSS 1377684	250	3		1549	675	450	UNKV		450	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1992	34.3	31.34	Expose/Verify, DIMP/TIMP	2018-2028
1377686	HPSS 1377686	250	3		1549	650	433	UNKV		433	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1993	57.1	30.84	Expose/Verify, DIMP/TIMP	2018-2028
1377693	HPSS 3814900835	250	3		1549	700	466	UNKV		466	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1993	339.0	31.84	Expose/Verify, DIMP/TIMP	2018-2028
1377694	HPSS 1377694	250	3		1549	605	403	UNKV		403	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	2003	58.0	25.84	Expose/Verify, DIMP/TIMP	2018-2028
1377699	HPSS 1377699	250	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1993	157.4	31.84	Expose/Verify, DIMP/TIMP	2018-2028
1377729	HPSS 1377729	250	3		1549	900	600	UNKV		600	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1993	90.0	30.84	Expose/Verify, DIMP/TIMP	2018-2028
1377737	HPSS 1377737	250	3		1549	900	600	UNKV		600	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1994	122.0	31.34	Expose/Verify, DIMP/TIMP	2018-2028
1377789	HPSS 1377789	250	3		1549	900	600	UNKV		600	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	4.84%	4.84%	1995	324.2	30.84	Expose/Verify, DIMP/TIMP	2018-2028
1377797	HPSS 1377797	250	3		1549	900	600	UNKV		600	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	4.84%	4.84%	1995	330.4	30.84	Expose/Verify, DIMP/TIMP	2018-2028
1377798	HPSS 1377798	250	3		1549	500	333	UNKV		333	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	4.84%	4.84%	1995	306.8	30.84	Expose/Verify, DIMP/TIMP	2018-2028
1377816	HPSS 1377816	250	3		1549	900	600	UNKV		600	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1996	128.1	30.34	Expose/Verify, DIMP/TIMP	2018-2028
1377837	HPSS 1377837	250	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1997	10.0	28.84	Expose/Verify, DIMP/TIMP	2018-2028
1377901	HPSS 1377901	250	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1998	60.0	28.34	Expose/Verify, DIMP/TIMP	2018-2028
1377917	HPSS 1377917	250	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1999	75.1	27.84	Expose/Verify, DIMP/TIMP	2018-2028
1377984	HPSS 1377984	250	3		1549	700	466	UNKV		466	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	2005	24.8	24.84	Expose/Verify, DIMP/TIMP	2018-2028
1402838	HPSS 1402838	250	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1986	36.0	34.34	Expose/Verify, DIMP/TIMP	2018-2028
1402952	HPSS 1402952	250	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1984	38.0	35.34	Expose/Verify, DIMP/TIMP	2018-2028
1403000	HPSS 1403000	250	3		1549	650	433	UNKV		433	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	2004	29.0	25.34	Expose/Verify, DIMP/TIMP	2018-2028
1403528	HPSS 1403528	250	3		1549	900	600	UNKV		600	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1991	132.6	32.84	Expose/Verify, DIMP/TIMP	2018-2028
1403776	HPSS 1403776	250	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1991	35.0	31.84	Expose/Verify, DIMP/TIMP	2018-2028
1403785	HPSS 1403785	250	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1991	100.0	31.84	Expose/Verify, DIMP/TIMP	2018-2028
1403856	HPSS 1403856	250	3		1549	650	433	UNKV		433	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1994	122.9	31.34	Expose/Verify, DIMP/TIMP	2018-2028
1403868	HPSS 1403868	250	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1995	11.0	29.84	Expose/Verify, DIMP/TIMP	2018-2028
1403877	HPSS 1403877	250	3		1549	900	600	UNKV		600	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1996	152.0	30.34	Expose/Verify, DIMP/TIMP	2018-2028
1403881	HPSS 1403881	250	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1996	86.2	29.34	Expose/Verify, DIMP/TIMP	2018-2028
1403882	HPSS 1403882	250	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1996	134.6	30.34	Expose/Verify, DIMP/TIMP	2018-2028
1403904	HPSS 1403904	250	3		1549	400	266	UNKV		266	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1997	4.0	28.84	Expose/Verify, DIMP/TIMP	2018-2028
1403951	HPSS 1403951	250	3		1549	900	600	UNKV		600	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	4.84%	4.84%	2000	36.0	27.34	Expose/Verify, DIMP/TIMP	2018-2028
1403978	HPSS 1403978	250	3		1549	700	466	UNKV		466	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	2006	10.0	24.34	Expose/Verify, DIMP/TIMP	2018-2028
1490120	HPSS 1490120	250	3		1549	375	250	UNKV		250	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1986	25.6	34.34	Expose/Verify, DIMP/TIMP	2018-2028
1490240	HPSS 1490240	250	3		1549	375	250	UNKV		250	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1986	30.0	34.34	Expose/Verify, DIMP/TIMP	2018-2028
1490275	HPSS 1490275	250	3		1549	375	250	UNKV		250	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1986	21.0	34.34	Expose/Verify, DIMP/TIMP	2018-2028
1490350	HPSS 1490350	250	3		1549	375	250	UNKV		250	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1986	23.7	34.34	Expose/Verify, DIMP/TIMP	2018-2028

Work Order #	Segment Name	Existing MAOP (psig)	Class Location (1,2,3,4)	Uprate (YES/NO)	Design Pressure 192.619 (a) (1) (psig)	Test Pressure (psig)	Test Pressure 192.619 (a) (2) (psig)	Pressure Class Rating (psig)	Hi-5 Pressure (psig) 192.619 (a) (3)	MAOP per 192.619 (psig)	Meets 192.619	Meets 192.517	MAOP Designation	Max Outside Diameter, OD1 (inches)	Min Wall Thickness, WT1 (inches)	Min SMYS, SMYS1 (psig)	Min Longitudinal Joint Factor, E1 (E)	Unknown Pressure Rated Fitting (YES/NO)	Fittings w/ Assumed SMYS (YES/NO)	Fittings w/ Assumed Joint Factor (YES/NO)	Max Pipe % SMYS	Max Fitting % SMYS	Install Date (Year)	Pipe Length (Feet)	Total Score	Action Plan	Action Year
1490375	HPSS 1490375	250	3		1549	375	250	UNKV		250	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1986	49.4	34.34	Expose/Verify, DIMP/TIMP	2018-2028
1490388	HPSS 1490388	250	3		1549	375	250	UNKV		250	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1986	25.0	34.34	Expose/Verify, DIMP/TIMP	2018-2028
1498675	HPSS 1498675	250	3		1549	375	250	UNKV		250	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	4.84%	4.84%	1990	41.0	32.34	Expose/Verify, DIMP/TIMP	2018-2028
1498759	HPSS 1498759	250	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	4.84%	4.84%	1991	69.1	31.84	Expose/Verify, DIMP/TIMP	2018-2028
1498767	HPSS 1498767	250	3		1549	550	366	UNKV		366	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	2003	20.2	25.84	Expose/Verify, DIMP/TIMP	2018-2028
1498909	HPSS 1498909	250	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1992	28.0	31.34	Expose/Verify, DIMP/TIMP	2018-2028
1499094	HPSS 1499094	250	3		1549	900	600	UNKV		600	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1993	129.0	31.84	Expose/Verify, DIMP/TIMP	2018-2028
1499147	HPSS 1499147	250	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1994	235.8	31.34	Expose/Verify, DIMP/TIMP	2018-2028
1499533	HPSS 1499533	250	3		1549	500	333	UNKV		333	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1997	21.8	28.84	Expose/Verify, DIMP/TIMP	2018-2028
1499546	HPSS 1499546	250	3		1549	375	250	UNKV		250	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1986	55.0	34.34	Expose/Verify, DIMP/TIMP	2018-2028
1885900255	HPSS 1885900255	250	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	2001	77.0	26.84	Expose/Verify, DIMP/TIMP	2018-2028
4746620017	HPSS 4746620017	250	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	2004	22.0	25.34	Expose/Verify, DIMP/TIMP	2018-2028
5246800916	HPSS 5246800916	250	3		1549	375	250	UNKV		250	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1984	75.5	35.34	Expose/Verify, DIMP/TIMP	2018-2028
5666070880	HPSS 5666070880	250	3		1549	375	250	UNKV		250	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1986	18.0	34.34	Expose/Verify, DIMP/TIMP	2018-2028
6309900016	HPSS 6309900016	250	3		1549	375	250	UNKV		250	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1986	147.4	35.34	Expose/Verify, DIMP/TIMP	2018-2028
A0067838	HPSS 1402850	250	3		1549	600	400	UNKV		400	X		UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1991	40.1	31.84	Expose/Verify, DIMP/TIMP	2018-2028
1377641	Service Stub	250	3		1549	700	466	UNKV		466	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1991	146.2	32.84	Expose/Verify, DIMP/TIMP	2018-2028
1377813	HP Service Line (7180 Everson Goshen Rd #A)	250	3		1549	900	600	UNKV		600	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	4.84%	4.84%	1996	358.8	30.34	Expose/Verify, DIMP/TIMP	2018-2028
1490125	Inlet 005-R-098	250	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1990	12.0	32.34	Expose/Verify, DIMP/TIMP	2018-2028
25567	Inlet 005-R-064	250	3		1549	600	400	NA		400	X		UNVALID	1.05	0.113	24000	0.6	NO	YES	YES	4.84%	4.84%	1978	45.1	38.34	DIMP/TIMP, Missing 192.517	2018-2019
10C4799	Bellingham H.P. Distribution System	150	3		933	0	0	UNKV		0			UNVALID	2.375	0.154	24000	0.6	YES	YES	YES	4.82%	4.82%	1961	93.9	62.32	116 Segment, Replace	2019
10C5321	Bellingham H.P. Distribution System	150	3		933	0	0	UNKV		0			UNVALID	2.375	0.154	24000	0.6	YES	YES	YES	4.82%	4.82%	1963	1,451.1	67.82	116 Segment, Replace	2019
10C9831	Bellingham H.P. Distribution System	150	3		257	0	0	UNKV		0			UNVALID	2.375	0.154	24000	0.6	YES	YES	YES	4.82%	17.50%	1956	1,273.4	109.00	116 Segment, Replace	2019
133	HPSS 133	150	3		933	0	0	NA		0			UNVALID	2.375	0.154	24000	0.6	NO	NA	NA	4.82%	NA	2001	52.0	36.82	Pressure Test/Replace	2024-2028
480	Inlet 005-R-050	150	3		933	0	0	UNKV		0			UNVALID	2.375	0.154	24000	0.6	YES	NA	NA	4.82%	NA	1966	445.0	58.32	Addressed w/ 116 Segment	2019
12841	005-O-005, 005-R-033	150	3		933	0	0	NA		0			UNVALID	2.375	0.154	24000	0.6	NO	NA	NA	4.82%	NA	1967	4.5	56.32	Pressure Test/Replace	2018-2023
1253330	Inlet 005-R-051	150	3		933	0	0	UNKV		0			UNVALID	2.375	0.154	24000	0.6	YES	NA	NA	4.82%	NA	1965	22.0	58.32	Addressed w/ 116 Segment	2019
1253350	HPSS 1253350	150	3		933	0	0	UNKV		0			UNVALID	2.375	0.154	24000	0.6	YES	YES	YES	4.82%	2.90%	1979	41.5	47.82	Pressure Test/Replace	2024-2028
PRE-CNG (005-O-006)	005-O-006	150	3		933	0	0	NA		0			UNVALID	2.375	0.154	24000	0.6	NO	NA	NA	4.82%	NA	1967	18.5	56.32	Pressure Test/Replace	2018-2023
30092	Bellingham H.P. Distribution System	150	3		933	225	150	250		150	X	NA	VALID	2.375	0.154	24000	0.6	NO	YES	YES	4.82%	4.82%	1963	268.8	51.32	Accept Most Stringent Criteria	--
33212	Inlet 005-R-077	145	3		933	600	1	NA		1			UNVALID	2.375	0.154	24000	0.6	NO	NA	NA	4.66%	NA	1985	7.9	35.66	Pressure Test/Replace	2024-2028
12081	Inlet 005-R-057	250	3		1686	100	71	275		71			UNVALID	1.315	0.154	24000	0.6	NO	YES	YES	4.45%	4.45%	1966	22.2	47.95	Addressed w/ 116 Segment	2020
185748	Bellingham H.P. Distribution System	150	3		1052	330	220	720		220	X	X	VALID	4.5	0.188	42000	0.6	NO	YES	YES	4.27%	4.07%	2011	128.2	22.27	Accept Most Stringent Criteria	--
213863	Bellingham H.P. Distribution System	150	4		842	300	200	720		200	X	X	VALID	4.5	0.188	42000	0.6	NO	NO	YES	4.27%	4.07%	2014	14.1	17.77	Accept Most Stringent Criteria	--
180093-OUT	Outlet 005-R-166	150	3		499	275	183	NA		183	X	Service	VALID	4.5	0.156	52000	0.6	NO	YES	YES	4.16%	9.01%	2010	41.8	31.51	Accept Most Stringent Criteria	--
4451600144	HPSS 4451600144	150	3		1193	100	71	UNKV		71			UNVALID	1.315	0.109	24000	0.6	YES	NA	NA	3.77%	NA	1966	8.0	47.27	Addressed w/ 116 Segment	2019
6219700501	HPSS 6219700501	150	3		1193	30	21	UNKV		21			UNVALID	1.315	0.109	24000	0.6	YES	NA	NA	3.77%	NA	1970	53.0	43.27	Pressure Test/Replace	2024-2028
3430750404	HPSS 3430750404	150	3		1193	750	500	UNKV		500	X	Service	UNVALID	1.315	0.109	24000	0.6	YES	YES	YES	3.77%	3.77%	2016	50.0	18.27	Expose/Verify, DIMP/TIMP	2018-2028
6019700580	HPSS 6019700580	150	4		954	300	200	UNKV		200	X	Service	UNVALID	1.315	0.109	24000	0.6	YES	NA	NA	3.77%	NA	2015	19.1	20.77	Expose/Verify, DIMP/TIMP	2018-2028
41939	Inlet 005-R-108	170	3		1361	600	400	1440		400	X	X	VALID	2.375	0.154	35000	0.6	NO	NA	NA	3.75%	NA	1992	31.1	26.25	Accept Most Stringent Criteria	--
1284985	HPSS 1284985	150	3		1214	100	66	UNKV		66			UNVALID	1.66	0.14	24000	0.6	YES	NA	NA	3.71%	NA	1984	25.0	35.21	Pressure Test/Replace	2024-2028
16675	Inlet 005-R-030	250	3		2123	100	71	1440		71			UNVALID	1.315	0.133	35000	0.6	NO	NA	NA	3.53%	NA	1969	65.5	40.03	Addressed w/ 116 Segment	2020
8884900483	HPSS 8884900483	250	3		1456	650	433	740		433	X	Service	VALID	1.315	0.133	24000	0.6	NO	NA	NA	5.15%	NA	2017	79.0	24.15	Accept Most Stringent Criteria	--
224138	Bellingham H.P. Distribution System	150	4		884	300	200	720		200	X	X	VALID	4.5	0.188	52000	0.6	NO	YES	YES	3.45%	5.07%	2015	150.7	28.07	Accept Most Stringent Criteria	--
29722	Inlet 005-R-006	155	3		933	250	1	400		1			UNVALID	2.375	0.154	35000	0.6	NO	YES	YES	3.41%	4.98%	1982	21.6	37.48	Pressure Test/Replace	2024-2028
25046	Main Stub (005-R-167)	155	4		1089	0	0	1200		0			UNVALID	2.375	0.154	35000	0.6	NO	YES	YES	3.41%	3.41%	1977	59.7	49.41	Pressure Test/Replace	2018-2023
48256	Inlet 005-R-127	155	3		1361	600	400	1440		400	X	X	VALID	2.375	0.154	35000	0.6	NO	NA	NA	3.41%	NA	1996	52.7	23.91	Accept Most Stringent Criteria	--
59030	Inlet 005-R-009	155	4		1089	310	206	1440		206	X		UNVALID	2.375	0.154	35000	0.6	NO	NO	YES	3.41%	3.41%	2000	24.3	23.91	DIMP/TIMP, Missing 192.517	2018-2019
182371	Inlet 005-R-159	250	3		2260	90	60	UNKV		60			UNVALID	1.05	0.113	35000	0.6	YES	NA	NA	3.32%	NA	1994	54.2	25.82	Addressed w/ 116 Segment	2020
230888	Service Stub	250	3		2260	0	0	NA		0			UNVALID	1.05	0.113	35000	0.6	NO	NA	NA	3.32%	NA	1963	43.7	54.82	Addressed w/ 116 Segment	2020
1403945	HPSS 1403945	250	3		1549	0	0	UNKV		0			UNVALID	1.05	0.113	35000	0.6	YES	YES	YES	3.32%	4.84%	2000	74.7	37.34	Addressed w/ 116 Segment	2020
219400	HPSS 219400	250	3		2260	900	600	UNKV		600	X		UNVALID	1.05	0.113	35000	0.6	YES	NA	NA	3.32%	NA	1992	48.9	25.82	Expose/Verify, DIMP/TIMP	2018-2028
A0072509	Inlet 005-R-153	250	4		1808	600	400	1440		400	X		UNVALID	1.05	0.113	35000	0.6	NO	NO	YES	3.32%	2.62%	2004	63.0	21.82	DIMP/TIMP, Missing 192.517	2018-2019
22537	Main Stub	150	3		933	100	66	250		66			UNVALID	2.375	0.154	35000	0.6	NO	YES	YES	3.30%	4.82%	1974	20.9	41.32	Pressure Test/Replace	2024-2028
22232	Bellingham H.P. Distribution System	150	3		1193	400	266	1440		266	X	NA	VALID	2.375	0.154	35000	0.6	NO	YES	YES	3.30%	3.77%	1956	102.2	57.27	Accept Most Stringent Criteria	--
21890	Bellingham H.P. Distribution System	150	3		1361	400	266	1200		266	X		UNVALID	2.375	0.154	35000	0.6	NO	YES	YES	3.30%	3.30%	1974	440.9	39.80	DIMP/TIMP, Missing 192.517	2018-2019
1247668	HPSS 1437668	170	3		1549	0	0	UNKV		0			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.29%	NA	1987	42.0	42.29	Pressure Test/Replace	2024-2028
1247528	HPSS 1247528	170	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	3.29%	3.29%	1991	427.3	31.29	Expose/Verify, DIMP/TIMP	2018-2028
1247529	HPSS 1247529	170	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.29%	NA	1991	102.1	31.29	Expose/Verify, DIMP/TIMP	2018-2028
1247505	HPSS 1247505	170	3		1549	450	300	UNKV		300	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.29%	NA	1992	104.1	30.79	Expose/Verify, DIMP/TIMP	2018-2028
1247506	HPSS 1247506	170	3		1549	450	300	UNKV		300	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	3.29%	3.29%	1992	161.0	30.79	Expose/Verify, DIMP/TIMP	2018-2028
1247602	HPSS 1247602	170	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.29%	NA	1994	117.1	29.79	Expose/Verify, DIMP/TIMP	2018-2028
1437512	HPSS 1437512	170	3		1549	475	316	UNKV		316	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	3.29%	3.29%	1990	127.1	31.79	Expose/Verify, DIMP/TIMP	2018-2028
1437513	HPSS 1437513	170	3		1549	475	316	UNKV		316	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.29%	NA	1990	69.0	30.79	Expose/Verify, DIMP/TIMP	2018-2028
1144091	HPSS 1144091	155	3		1549	320	1	UNKV		1			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.00%	NA	2004	56.3	24.50	Pressure Test/Replace	2024-2028
886583	HPSS 886583	155	3		1549	625	416	UNKV		416	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.00%	NA	1995	190.0	29.00	Expose/Verify, DIMP/TIMP	2018-2028
860121	HPSS 860121	155	4		1239	300	200	UNKV		200	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.00%	NA	1997	19.0	29.00	Expose/Verify, DIMP/TIMP	2018-2028
870350	HPSS 870350	155	4		1239	450	300	UNKV		300	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.00%	NA	1989	100.4	34.00	Expose/Verify, DIMP/TIMP	2018-2028
870385	HPSS 870385	155	4		1239	450	300	UNKV		300	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	3.00%	3.00%	1974	55.0	40.50	Expose/Verify, DIMP/TIMP	2018-2028
870388	HPSS 870388	155	4		1239	400	266	UNKV		266	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	3.00%	3.00%	1987	139.3	35.00	Expose/Verify, DIMP/TIMP	2018-2028
875007	HPSS 875007	155	4		1239	400	266	UNKV		266	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	3.00%	3.00%	1990	29.1	32.50	Expose/Verify, DIMP/TIMP	2018-2028
875078	HPSS 875079	155	4		1239	350	233	UNKV		233	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.00%	NA	1996	46.0	29.50	Expose/Verify, DIMP/TIMP	2018-2028
882203	HPSS 882203	155	3		1549	400	266	UNKV		266	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	3.00%	3.00%	1968	73.8	43.50	Expose/Verify, DIMP/TIMP	2018-2028
883061	HPSS 883061	155	3		1549	400	266	UNKV		266	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.00%	NA	1989	33.9	31.00	Expose/Verify, DIMP/TIMP	2018-2028
886514	HPSS 886514	155	3		1549	300	200	UNKV		200	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.00%	NA	1994	54.3	28.50	Expose/Verify, DIMP/TIMP	2018-2028
886532	HPSS 886532	155	3		1549	300	200	UNKV		200	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.00%	NA	1995	69.0	28.00	Expose/Verify, DIMP/TIMP	2018-2028
903016	HPSS 903016	155	4		1239	300	200	UNKV		200	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.00%	NA	2006	38.0	24.50	Expose/Verify, DIMP/TIMP	2018-2028
942380	HPSS 942380	155	3		1549	400	266	UNKV		266	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	3.00%	3.00%	1979	55.6	36.00	Expose/Verify, DIMP/TIMP	2018-2028
942549	HPSS 942549	155	3		1549	275	183	UNKV		183	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.00%	NA	1982	15.0	34.50	Expose/Verify, DIMP/TIMP	2018-2028
942551	HPSS 942551	155	3		1549	400	266	UNKV		266	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.00%	NA	1989	31.2	31.00	Expose/Verify, DIMP/TIMP	2018-2028
953370	HPSS 953370	155	4		1239	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.00%	NA	1981	30.3	37.00	Expose/Verify, DIMP/TIMP	2018-2028
993780	HPSS 993780	155	4		1239	500	333	UNKV		333	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	3.00%	3.00%	1990	35.3	32.50	Expose/Verify, DIMP/TIMP	2018-2028
1051056	HPSS 1051056	155	3		1549	400	266	UNKV		266	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.00%	NA	1965	35.7	46.50	Expose/Verify, DIMP/TIMP	2018-2028

Work Order #	Segment Name	Existing MAOP (psig)	Class Location (1,2,3,4)	Uprate (YES/NO)	Design Pressure 192.619 (a) (1) (psig)	Test Pressure (psig)	Test Pressure 192.619 (a) (2) (psig)	Pressure Class Rating (psig)	Hi-5 Pressure (psig) 192.619 (a) (3)	MAOP per 192.619 (psig)	Meets 192.619	Meets 192.517	MAOP Designation	Max Outside Diameter, OD1 (inches)	Min Wall Thickness, WT1 (inches)	Min SMYS, SMYS1 (psig)	Min Longitudinal Joint Factor, E1 (E)	Unknown Pressure Rated Fitting (YES/NO)	Fittings w/ Assumed SMYS (YES/NO)	Fittings w/ Assumed Joint Factor (YES/NO)	Max Pipe % SMYS	Max Fitting % SMYS	Install Date (Year)	Pipe Length (Feet)	Total Score	Action Plan	Action Year
1080568	HPSS 1080568	155	3		1549	400	266	UNKV		266	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	3.00%	3.00%	1978	51.9	36.50	Expose/Verify, DIMP/TIMP	2018-2028
1100508	HPSS 1100508	155	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	3.00%	3.00%	1956	57.1	55.50	Expose/Verify, DIMP/TIMP	2018-2028
1120355	HPSS 1120355	155	3		1549	500	357	UNKV		357	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	3.00%	3.00%	1960	88.2	51.50	Expose/Verify, DIMP/TIMP	2018-2028
1140264	HPSS 1140264	155	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.00%	NA	1989	177.9	32.00	Expose/Verify, DIMP/TIMP	2018-2028
1140310	HPSS 1140310	155	3		1549	265	176	UNKV		176	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	3.00%	3.00%	1960	69.0	51.50	Expose/Verify, DIMP/TIMP	2018-2028
1144094	HPSS 1144094	155	3		1549	400	266	UNKV		266	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.00%	NA	2005	11.0	23.00	Expose/Verify, DIMP/TIMP	2018-2028
1160560	HPSS 1160560	155	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	3.00%	3.00%	1960	76.1	51.50	Expose/Verify, DIMP/TIMP	2018-2028
1160598	HPSS 1160598	155	3		1549	400	266	UNKV		266	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.00%	NA	1989	67.5	31.00	Expose/Verify, DIMP/TIMP	2018-2028
1160600	HPSS 1160600	155	3		1549	250	166	UNKV		166	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	3.00%	3.00%	1972	108.0	40.50	Expose/Verify, DIMP/TIMP	2018-2028
1161501	HPSS 1161501	155	3		1549	450	300	UNKV		300	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.00%	NA	1989	44.7	31.00	Expose/Verify, DIMP/TIMP	2018-2028
1161513	HPSS 1161513	155	3		1549	300	200	UNKV		200	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.00%	NA	1990	45.0	30.50	Expose/Verify, DIMP/TIMP	2018-2028
1161514	HPSS 1161514	155	3		1549	275	183	UNKV		183	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	3.00%	3.00%	1990	72.4	30.50	Expose/Verify, DIMP/TIMP	2018-2028
1161520	HPSS 1161520	155	3		1549	400	266	UNKV		266	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.00%	NA	1990	54.8	30.50	Expose/Verify, DIMP/TIMP	2018-2028
1161538	HPSS 1161538	155	3		1549	400	266	UNKV		266	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.00%	NA	1992	58.9	29.50	Expose/Verify, DIMP/TIMP	2018-2028
1161579	HPSS 1161579	155	3		1549	900	600	UNKV		600	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.00%	NA	1994	61.0	28.50	Expose/Verify, DIMP/TIMP	2018-2028
1161587	HPSS 1161587	155	3		1549	300	200	UNKV		200	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.00%	NA	1995	73.2	28.00	Expose/Verify, DIMP/TIMP	2018-2028
1161598	HPSS 1161598	155	3		1549	450	300	UNKV		300	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.00%	NA	1996	55.1	27.50	Expose/Verify, DIMP/TIMP	2018-2028
1161642	HPSS 1161642	155	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.00%	NA	2002	54.0	24.50	Expose/Verify, DIMP/TIMP	2018-2028
3313800196	HPSS 3313800196	155	3		1549	900	600	UNKV		600	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.00%	NA	1996	415.4	28.50	Expose/Verify, DIMP/TIMP	2018-2028
3930700600	HPSS 3930700600	155	3		1549	350	233	UNKV		233	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.00%	NA	2000	82.0	25.50	Expose/Verify, DIMP/TIMP	2018-2028
5339400977	HPSS 5339400977	155	3		1549	300	200	UNKV		200	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.00%	NA	1992	62.2	29.50	Expose/Verify, DIMP/TIMP	2018-2028
875074	Service Stub	155	3		1549	300	200	UNKV		200	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.00%	NA	1996	58.7	27.50	Expose/Verify, DIMP/TIMP	2018-2028
860102	HPSS 860102	150	4		1239	100	66	UNKV		66			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.90%	NA	1972	9.9	42.40	Pressure Test/Replace	2024-2028
875124	HPSS 875124	150	4		1239	90	60	UNKV		60			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.90%	NA	1999	40.0	28.90	Pressure Test/Replace	2024-2028
909996	HPSS 909996	150	4		1239	90	60	UNKV		60			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.90%	NA	2000	153.0	29.40	Pressure Test/Replace	2024-2028
991610	HPSS 991612	150	3		1549	100	66	UNKV		66			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.90%	NA	1971	102.0	41.90	Pressure Test/Replace	2024-2028
883055	HPSS 883055	150	3		1549	100	66	UNKV		66			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.90%	NA	1980	93.0	36.40	Pressure Test/Replace	2024-2028
886314	HPSS 886314	150	3		1549	90	60	UNKV		60			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.90%	NA	1992	48.1	30.40	Pressure Test/Replace	2024-2028
1144044	HPSS 1144044	150	3		1549	90	60	UNKV		60			UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	2.90%	2.90%	1993	63.0	29.90	Pressure Test/Replace	2024-2028
1160590	HPSS 1160590	150	3		1549	100	66	UNKV		66			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.90%	NA	1979	22.1	36.90	Pressure Test/Replace	2024-2028
1160610	HPSS 1160610	150	3		1549	100	66	UNKV		66			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.90%	NA	1973	56.0	39.90	Pressure Test/Replace	2024-2028
1161541	HPSS 1161541	150	3		1549	90	60	UNKV		60			UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	2.90%	2.90%	1992	58.1	30.40	Pressure Test/Replace	2024-2028
281700921	HPSS 281700921	150	3		1549	90	60	UNKV		60			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.90%	NA	1998	81.2	27.40	Pressure Test/Replace	2024-2028
1280048	HPSS 1280048	150	3		1549	90	60	UNKV		60			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.90%	NA	1993	5.8	29.90	Pressure Test/Replace	2024-2028
870372	HPSS 870372	150	4		1239	30	21	UNKV		21			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.90%	NA	1968	10.6	46.40	Pressure Test/Replace	2024-2028
1284940	HPSS 1284940	150	3		1549	100	66	UNKV		66			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.90%	NA	1973	75.4	39.90	Pressure Test/Replace	2024-2028
1284965	HPSS 1284965	150	3		1549	100	66	UNKV		66			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.90%	NA	1987	20.2	32.90	Pressure Test/Replace	2024-2028
1284975	HPSS 1284975	150	3		1549	100	66	UNKV		66			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.90%	NA	1984	10.0	34.40	Pressure Test/Replace	2024-2028
1284981	HPSS 1284981	150	3		1549	90	60	UNKV		60			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.90%	NA	1989	21.2	31.90	Pressure Test/Replace	2024-2028
1252340	HPSS 1252340	150	3		1549	100	71	UNKV		71			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.90%	NA	1969	1.0	43.40	Pressure Test/Replace	2024-2028
860120	HPSS 860120	150	4		1239	0	0	UNKV		0			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.90%	NA	1957	83.2	66.40	Addressed w/ 116 Segment	2019
860125	HPSS 860125	150	4		1239	0	0	UNKV		0			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.90%	NA	1963	95.0	60.40	Addressed w/ 116 Segment	2019
870340	HPSS 870340	150	4		1239	0	0	UNKV		0			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.90%	NA	1960	40.0	63.40	Addressed w/ 116 Segment	2019
882205	Service Stub	150	3		1549	0	0	UNKV		0			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.90%	NA	1974	2.0	48.40	Pressure Test/Replace	2024-2028
883035	HPSS 883035	150	3		1549	0	0	UNKV		0			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.90%	NA	1963	28.0	58.40	Addressed w/ 116 Segment	2019
883040	HPSS 883040	150	3		1549	0	0	UNKV		0			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.90%	NA	1962	63.9	59.40	Addressed w/ 116 Segment	2019
883050	HPSS 883050	150	3		1549	0	0	UNKV		0			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.90%	NA	1959	63.1	62.40	Addressed w/ 116 Segment	2019
883060	HPSS 883060	150	3		1549	0	0	UNKV		0			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.90%	NA	1958	82.2	63.40	Addressed w/ 116 Segment	2019
883640	HPSS 883640	150	3		1549	0	0	UNKV		0			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.90%	NA	1971	14.0	49.90	Pressure Test/Replace	2018-2023
993600	HPSS 993600	150	4		1239	0	0	UNKV		0			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.90%	NA	1962	49.0	61.40	Addressed w/ 116 Segment	2019
1140493	HPSS 1140493	150	3		1549	0	0	UNKV		0			UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	2.90%	2.90%	1963	56.4	58.40	Addressed w/ 116 Segment	2019
1140495	HPSS 1140495	150	3		1549	0	0	UNKV		0			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.90%	NA	1962	83.7	59.40	Addressed w/ 116 Segment	2019
1252330	HPSS 1252330	150	3		1549	0	0	UNKV		0			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.90%	NA	1960	67.5	61.40	Addressed w/ 116 Segment	2019
2930700696	HPSS 2930700696	150	3		1549	0	0	UNKV		0			UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	2.90%	2.90%	2000	50.0	35.40	Pressure Test/Replace	2024-2028
3161700755	HPSS 3161700755	150	3		1549	0	0	UNKV		0			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.90%	NA	1957	110.0	65.40	Addressed w/ 116 Segment	2019
1499083	HPSS 1499083	150	3		1549	90	60	UNKV		60			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.90%	NA	1993	58.7	29.90	Pressure Test/Replace	2024-2028
1499955	HPSS 1499955	150	3		1549	90	60	UNKV		60			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.90%	NA	2000	27.3	26.40	Pressure Test/Replace	2024-2028
5233800352	HPSS 5233800352	150	3		1549	90	60	UNKV		60			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.90%	NA	1997	45.5	27.90	Pressure Test/Replace	2024-2028
1281011	HPSS 1281011	150	3		1549	90	60	UNKV		60			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.90%	NA	1973	22.0	39.90	Pressure Test/Replace	2024-2028
871270	HPSS 871270	150	4		1239	225	150	UNKV		150	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.90%	NA	1987	71.0	33.90	Expose/Verify, DIMP/TIMP	2018-2028
875068	HPSS 875068	150	3		1549	225	150	UNKV		150	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.90%	NA	1995	25.0	27.90	Expose/Verify, DIMP/TIMP	2018-2028
882204	HPSS 882204	150	3		1549	225	150	UNKV		150	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	2.90%	2.90%	1967	108.3	45.40	Expose/Verify, DIMP/TIMP	2018-2028
1160565	HPSS 1160565	150	3		1549	225	150	UNKV		150	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.90%	NA	1972	44.0	39.40	Expose/Verify, DIMP/TIMP	2018-2028
1280050	HPSS 1280050	150	3		1549	900	600	UNKV		600	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.90%	NA	1993	97.1	28.90	Expose/Verify, DIMP/TIMP	2018-2028
1280497	HPSS 1280497	150	3		1549	500	333	UNKV		333	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.90%	NA	1997	4.0	26.90	Expose/Verify, DIMP/TIMP	2018-2028
1284852	HPSS 1284852	150	3		1549	400	266	UNKV		266	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.90%	NA	1988	34.1	31.40	Expose/Verify, DIMP/TIMP	2018-2028
1284855	HPSS 1284855	150	3		1549	400	266	UNKV		266	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.90%	NA	1987	19.0	31.90	Expose/Verify, DIMP/TIMP	2018-2028
1284942	HPSS 1284942	150	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.90%	NA	1990	18.1	30.40	Expose/Verify, DIMP/TIMP	2018-2028
1284978	HPSS 1284978	150	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.90%	NA	1985	15.0	32.90	Expose/Verify, DIMP/TIMP	2018-2028
1495050	HPSS 1495050	150	3		1549	400	266	UNKV		266	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.90%	NA	1988	7.0	31.40	Expose/Verify, DIMP/TIMP	2018-2028
1499327	HPSS 1499327	150	3		1549	400	266	UNKV		266	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.90%	NA	1995	20.0	27.90	Expose/Verify, DIMP/TIMP	2018-2028
346015008	HPSS 346015008	150	3		1549	400	266	UNKV		266	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.90%	NA	2016	64.0	17.40	Expose/Verify, DIMP/TIMP	2018-2028
1160180386	HPSS 1160180386	150	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.90%	NA	2011	62.0	19.90	Expose/Verify, DIMP/TIMP	2018-2028
6658900642	HPSS 6658900642	150	3		1549	300	200	UNKV		200	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.90%	NA	1995	50.6	27.90	Expose/Verify, DIMP/TIMP	2018-2028
20943	Inlet 005-R-001	155	3		1662	0	0	1440		0			UNVALID	2.375	0.188	35000	0.6	NO	NA	NA	2.80%	NA	1972	25.0	45.30	Pressure Test/Replace	2024-2028
A0070908	Inlet 005-R-142	150	3		1106	375	250	275		250	X	X	VALID	2.375	0.218	35000	0.6	NO	NO	YES	2.33%	4.07%	2004	28.0	20.57	Accept Most Stringent Criteria	--
235969	Bellingham H.P. Distribution System	150	3		2269	700	466	250		250	X	X	VALID	2.375	0.154	52000	1	NO	NO	NO	2.22%	3.30%	2017	375.0	12.30	No Action Needed	--
886804	HPSS 886804	155	3		2260	300	200	UNKV		200	X	Service	UNVALID	1.05	0.113	35000	0.6	YES	NA	NA	2.06%	NA	2000	32.0	20.56	Expose/Verify, DIMP/TIMP	2018-2028
947446	HPSS 947446	155	3		2260	250	166	UNKV		166	X	Service	UNVALID	1.05	0.113	35000	0.6	YES	NA	NA	2.06%	NA	2000	19.0	20.56	Expose/Verify, DIMP/TIMP	2018-2028
A0072325	Main to HPSS 1140310 & 1144089	155	3		1549	265	176	1200		176	X		UNVALID	1.05	0.113	35000	0.6	NO	YES	YES	2.06%	3.00%	2004	51.8	23.50	DIMP/TIMP, Missing 192.517	2018-2019
A0081220	Inlet 005-R-157	150	3		1193	90	60	1440		60			UNVALID	1.05	0.113	35000	0.6	NO	YES	YES	1.99%	3.77%	2006	29.2	24.27	Pressure Test/Replace	2024-2028

Work Order #	Segment Name	Existing MAOP (psig)	Class Location (1,2,3,4)	Uprate (YES/NO)	Design Pressure 192.619 (a) (1) (psig)	Test Pressure (psig)	Test Pressure 192.619 (a) (2) (psig)	Pressure Class Rating (psig)	Hi-5 Pressure (psig) 192.619 (a) (3)	MAOP per 192.619 (psig)	Meets 192.619	Meets 192.517	MAOP Designation	Max Outside Diameter, OD1 (inches)	Min Wall Thickness, WT1 (inches)	Min SMYS, SMYS1 (psig)	Min Longitudinal Joint Factor, E1 (E)	Unknown Pressure Rated Fitting (YES/NO)	Fittings w/ Assumed SMYS (YES/NO)	Fittings w/ Assumed Joint Factor (YES/NO)	Max Pipe % SMYS	Max Fitting % SMYS	Install Date (Year)	Pipe Length (Feet)	Total Score	Action Plan	Action Year
BremertonL2-1	8" & 12" Bremerton Transmission Line	499	3		704	750	535	NA		535	X	NA	VALID	8.625	0.188	40400	0.8	NO	NO	YES	28.33%	19.09%	1963	2,851.2	116.33	Accept Most Stringent Criteria	--
20C6308-B	8" Kitsap Line	499	3		802	750	535	720		535	X	NA	VALID	8.625	0.188	46000	0.8	NO	YES	YES	24.88%	24.88%	1964	82,958.2	113.38	Accept Most Stringent Criteria	--
20C6308-B	8" Kitsap Line	499	3		758	750	535	720		535	X	NA	VALID	4.5	0.237	24000	0.6	NO	NO	YES	19.74%	19.09%	1964	4.3	75.74	Accept Most Stringent Criteria	--
50203	8" Kitsap Line (008-V-156)	499	3		418	750	500	720		418			UNVALID	8.625	0.188	24000	0.8	NO	NA	NA	47.69%	NA	1996	0.0	112.19	In-Situ Test	2018-2019
51772	Inlet 008-R-017	499	3		1045	0	0	NA		0			UNVALID	8.625	0.322	46000	0.8	NO	YES	YES	14.53%	19.09%	1963	74.2	106.09	Pressure Test/Replace	2018-2023
UNKV (R-9)	Inlet 008-R-009	499	3		499	0	0	NA		0			UNVALID	4.5	0.156	24000	0.6	NO	YES	YES	29.99%	29.99%	1994	16.3	105.49	Pressure Test/Replace	2018-2023
53353	8" & 12" Bremerton Transmission Line	499	3		823	1200	800	720		720	X	NA	VALID	12.75	0.312	52000	0.8	NO	YES	YES	19.61%	24.24%	1964	1,959.6	105.24	Accept Most Stringent Criteria	--
20C6316 (144)	8" Bremerton H.P. Line	144	4		334	0	0	UNKV		0			UNVALID	8.625	0.188	46000	0.8	YES	YES	YES	7.18%	13.76%	1964	5,836.7	101.76	116 Segment, Replace	2020
13740	Main Stub	499	3		1193	0	0	1440		0			UNVALID	1.315	0.109	24000	0.6	NO	NA	NA	12.54%	NA	1968	0.7	84.54	Pressure Test/Replace	2018-2023
17542	Main Stub	144	3		1361	100	71	UNKV		71			UNVALID	2.375	0.154	35000	0.6	YES	NA	NA	3.17%	NA	1970	2.0	38.67	Addressed w/ 116 Segment	2020
22C6310	4" Port Orchard H.P. Line	170	3		499	350	233	NA		233	X	NA	VALID	4.5	0.156	24000	0.6	NO	YES	YES	10.22%	10.22%	1963	20,757.2	82.22	Accept Most Stringent Criteria	--
25293	Inlet 008-R-064	250	3		499	0	0	400		0			UNVALID	4.5	0.188	35000	0.6	NO	YES	YES	8.55%	15.02%	1977	9.0	79.02	Pressure Test/Replace	2018-2023
202359	8" Kitsap Line	499	3		933	796	530	720		530	X	NA	VALID	8.625	0.25	52000	0.8	NO	YES	YES	16.55%	16.03%	1964	664.9	77.55	Accept Most Stringent Criteria	--
20C6316 (250)	8" West Bremerton H.P. Line	250	3		802	350	233	NA		233		NA	UNVALID	8.625	0.188	46000	0.8	NO	NA	NA	12.47%	NA	1964	4,175.8	76.97	Pressure Test/Replace	2018-2023
25745	8" North Kitsap H.P. Line	250	3		544	750	500	UNKV		500	X	X	UNVALID	8.625	0.188	35000	0.8	YES	YES	YES	16.38%	18.35%	1978	12,186.1	76.85	Expose/Verify, DIMP/TIMP	2018-2028
25288	8" North Kitsap H.P. Line	250	3		610	600	400	400		400	X	X	VALID	8.625	0.188	35000	0.8	NO	NO	YES	16.38%	9.57%	1977	37,579.6	76.38	Accept Most Stringent Criteria	--
16135	2" Belfair H.P. Line	499	3		933	960	685	1440		685	X	X	VALID	2.375	0.154	35000	0.6	NO	YES	YES	10.99%	16.03%	1970	5,230.2	76.03	Accept Most Stringent Criteria	--
10362	Inlet 008-R-021	250	3		933	0	0	UNKV		0			UNVALID	2.375	0.154	24000	0.6	YES	YES	YES	8.03%	8.03%	1966	21.0	75.53	Pressure Test/Replace	2018-2023
50201	12" Kitsap H.P. Line	499	3		1017	1080	720	720		720	X	X	VALID	12.75	0.312	52000	0.8	NO	NO	YES	19.61%	19.61%	1996	71,564.6	75.11	Accept Most Stringent Criteria	--
20387	4" Olympic View H.P. Line	499	3		877	750	500	720		500	X	X	VALID	4.5	0.188	35000	0.6	NO	NO	YES	17.06%	13.54%	1973	14,110.1	74.06	Accept Most Stringent Criteria	--
22C9362	Main Stub	170	3		933	0	0	NA		0			UNVALID	2.375	0.154	24000	0.6	NO	YES	YES	5.46%	5.46%	1965	3.0	73.96	Pressure Test/Replace	2018-2023
16443	Inlet 008-R-019	250	3		933	0	0	NA		0			UNVALID	2.375	0.154	24000	0.6	NO	YES	YES	8.03%	8.03%	1969	10.0	72.53	Pressure Test/Replace	2018-2023
UNKV (22C6310)	4" Port Orchard H.P. Line (008-R-013)	170	3		877	0	0	NA		0			UNVALID	4.5	0.188	35000	0.6	NO	NA	NA	5.81%	NA	1963	28.0	72.31	Pressure Test/Replace	2018-2023
13349	Inlet 008-R-008, 008-R-009,	499	3		499	100	71	NA		71			UNVALID	2.375	0.154	35000	0.6	NO	YES	YES	12.54%	10.22%	1967	12.5	70.54	Pressure Test/Replace	2018-2023
45000	6" Bangor H.P. Line	250	3		544	600	400	275		275	X	X	VALID	6.625	0.188	35000	0.8	NO	YES	YES	12.59%	18.35%	1993	10,080.7	69.35	Accept Most Stringent Criteria	--
51773	008-R-022	144	3		418	0	0	NA		0			UNVALID	8.625	0.188	35000	0.8	NO	YES	YES	9.44%	13.76%	1996	121.3	69.26	Addressed w/ 116 Segment	2020
18522	8" Bremerton H.P. Line	144	3		418	350	250	UNKV		250	X		UNVALID	8.625	0.188	24000	0.8	YES	YES	YES	13.76%	13.76%	1971	2,799.8	68.26	116 Segment, Replace	2020
1700754	HPSS 1700754	499	3		1549	100	71	UNKV		71			UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	9.66%	9.66%	1970	93.1	68.16	Pressure Test/Replace	2018-2023
23424	Inlet 008-R-024	250	3		499	114	76	NA		76			UNVALID	4.5	0.188	35000	0.6	NO	YES	YES	8.55%	15.02%	1974	29.5	65.52	Pressure Test/Replace	2018-2023
29628	Inlet 008-R-051	250	3		499	600	1	UNKV		1			UNVALID	4.5	0.188	35000	0.6	YES	YES	YES	8.55%	15.02%	1982	479.6	62.52	Pressure Test/Replace	2018-2023
175846	Inlet 008-R-136	499	3		1549	100	66	720		66			UNVALID	1.05	0.113	24000	0.6	NO	YES	YES	9.66%	9.66%	1967	18.0	61.16	Pressure Test/Replace	2018-2023
1950810	HPSS 1950810	499	3		1549	100	71	UNKV		71			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	9.66%	NA	1967	38.0	61.16	Pressure Test/Replace	2018-2023
25292	Inlet 008-R-053	250	3		1361	0	0	1440		0			UNVALID	2.375	0.154	35000	0.6	NO	NA	NA	5.51%	NA	1977	46.1	60.51	Pressure Test/Replace	2018-2023
1700750	HPSS 1700750	250	3		1549	0	0	UNKV		0			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1963	50.0	60.34	Pressure Test/Replace	2018-2023
218405	Main to HPSS 1578402, 1578407, 1578408	250	3		1193	0	0	UNKV		0			UNVALID	1.315	0.109	24000	0.6	YES	NA	NA	6.28%	NA	1989	155.1	60.28	Pressure Test/Replace	2018-2023
28123	8" North Kitsap H.P. Line	250	3		849	600	400	1440		400	X	X	VALID	8.625	0.203	46000	0.8	NO	NO	YES	11.78%	9.57%	1980	9,708.9	60.28	Accept Most Stringent Criteria	--
1703536	HPSS 1703536	499	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	9.66%	9.66%	1963	27.1	60.16	Expose/Verify, DIMP/TIMP	2018-2028
1700293	Service Stub	144	3		933	0	0	UNKV		0			UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	2.79%	4.63%	1963	33.0	60.13	Addressed w/ 116 Segment	2020
22C6318	4" Port Orchard H.P. Line	170	3		877	350	233	NA		233	X	NA	VALID	4.5	0.188	35000	0.6	NO	NA	NA	5.81%	NA	1963	3,525.3	59.81	Accept Most Stringent Criteria	--
32585	Main Stub	250	3		877	0	0	720		0			UNVALID	4.5	0.188	35000	0.6	NO	NO	YES	8.55%	6.78%	1985	2.0	59.55	Pressure Test/Replace	2018-2023
20C7461	Main Stub	144	3		933	0	0	UNKV		0			UNVALID	2.375	0.154	24000	0.6	YES	NA	NA	4.63%	NA	1964	19.9	59.13	Addressed w/ 116 Segment	2020
1680355	Service Stub	144	3		1549	0	0	UNKV		0			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.79%	NA	1963	9.0	58.29	Addressed w/ 116 Segment	2020
B0073116	6" North Bremerton H.P. Line	250	3		660	740	493	720		493	X	X	VALID	6.625	0.188	35000	0.8	NO	NO	YES	12.59%	8.45%	2004	14,173.5	58.09	Accept Most Stringent Criteria	--
29413	6" Bangor H.P. Line	250	3		802	600	400	NA		400	X	X	VALID	8.625	0.188	46000	0.8	NO	NO	YES	12.47%	9.57%	1981	1,165.1	57.97	Accept Most Stringent Criteria	--
2416	Inlet 008-R-064	250	3		877	0	0	NA		0			UNVALID	4.5	0.188	35000	0.6	NO	NA	NA	8.55%	NA	1992	3.0	56.05	Pressure Test/Replace	2018-2023
57079	Inlet 008-R-149	250	3		933	0	0	UNKV		0			UNVALID	2.375	0.154	35000	0.6	YES	YES	YES	5.51%	8.03%	1999	87.0	56.03	Pressure Test/Replace	2018-2023
16599	Main Stub	170	3		933	100	66	250		66			UNVALID	2.375	0.154	35000	0.6	NO	YES	YES	3.75%	5.46%	1969	3.0	54.96	Pressure Test/Replace	2018-2023
47760	8" Bremerton H.P. Line	144	4		435	850	566	UNKV		435	X	X	UNVALID	6.625	0.188	35000	0.8	YES	YES	YES	7.25%	10.57%	1996	1,171.5	54.57	Expose/Verify, DIMP/TIMP	2018-2028
25289	6" North Bremerton H.P. Line	250	3		794	600	400	NA		400	X		UNVALID	6.625	0.188	35000	0.8	NO	NA	NA	12.59%	NA	1977	129.5	53.59	DIMP/TIMP, Missing 192.517	2018-2019
49319	6" Port Orchard H.P. Loop Line	170	3		794	600	400	720		400	X	X	VALID	6.625	0.188	35000	0.8	NO	YES	YES	8.56%	5.75%	1995	11,246.1	53.56	Accept Most Stringent Criteria	--
B0071949	M&R B0071949	499	3		908	750	500	720		500	X	X	VALID	6.625	0.25	35000	0.8	NO	NO	YES	18.89%	21.96%	2004	42.5	53.46	Accept Most Stringent Criteria	--
33043	8" Bremerton H.P. Line	144	3		418	600	400	NA		400	X		UNVALID	8.625	0.188	24000	0.8	NO	YES	YES	13.76%	4.63%	1986	44.7	53.26	DIMP/TIMP, Missing 192.517	2018-2019
1670366	Service Stub	144	4		746	100	66	UNKV		66			UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	2.79%	4.63%	1963	10.1	53.13	Addressed w/ 116 Segment	2020
41121	Inlet 008-R-006	499	3		1361	750	500	1440		500	X	X	VALID	2.375	0.154	35000	0.6	NO	NO	YES	10.99%	10.99%	1974	44.1	52.49	Accept Most Stringent Criteria	--
1703537	HPSS 1703537	499	3		1549	120	80	UNKV		80			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	9.66%	NA	1980	38.0	52.16	Pressure Test/Replace	2018-2023
1670370	Service Stub	144	4		746	100	66	UNKV		66			UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	2.79%	4.63%	1964	10.0	52.13	Addressed w/ 116 Segment	2020
26761	Inlet 008-R-049	250	3		933	120	80	UNKV		80			UNVALID	2.375	0.154	35000	0.6	YES	YES	YES	5.51%	8.03%	1979	226.4	52.03	Pressure Test/Replace	2018-2023
1950838	HPSS 1950838	499	3		1549	325	216	UNKV		216			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	9.66%	NA	1981	3.0	51.66	Pressure Test/Replace	2018-2023
2000414	Service Stub	250	3		933	115	76	UNKV		76			UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	4.84%	8.03%	1978	19.0	51.53	Pressure Test/Replace	2018-2023
41069	Inlet 008-R-064	250	3		499	600	400	UNKV		400	X		UNVALID	4.5	0.188	35000	0.6	YES	YES	YES	8.55%	15.02%	1992	16.2	51.52	Expose/Verify, DIMP/TIMP	2018-2028
1670340	HPSS 1670340	144	4		1239	100	66	UNKV		66			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.79%	NA	1963	6.0	51.29	Addressed w/ 116 Segment	2020
1670360	HPSS 1670360	144	4		1239	100	66	UNKV		66			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.79%	NA	1963	26.1	51.29	Addressed w/ 116 Segment	2020
2045130	HPSS 2045130	250	3		1193	105	70	UNKV		70			UNVALID	1.315	0.109	24000	0.6	YES	NA	NA	6.28%	NA	1977	130.8	51.28	Pressure Test/Replace	2018-2023
1670391	Service Stub	144	4		746	100	66	UNKV		66			UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	2.79%	4.63%	1965	5.0	51.13	Addressed w/ 116 Segment	2020
16442	Inlet 008-R-019	250	3		1361	100	71	NA		71			UNVALID	2.375	0.154	35000	0.6	NO	NA	NA	5.51%	NA	1969	38.8	51.01	Pressure Test/Replace	2018-2023
2045121	HPSS 2045121	250	3		1193	120	80	NA		80			UNVALID	1.315	0.109	24000	0.6	NO	NA	NA	6.28%	NA	1978	236.2	50.78	Pressure Test/Replace	2018-2023
2045249	HPSS 2045249	250	3		1193	110	73	UNKV		73			UNVALID	1.315	0.109	24000	0.6	YES	NA	NA	6.28%	NA	1978	153.1	50.78	Pressure Test/Replace	2018-2023
1700745	HPSS 1700745	250	3		1549	100	66	UNKV		66			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1964	50.0	50.34	Pressure Test/Replace	2018-2023
1510080	HPSS 1510080	170	3		1549	120	80	UNKV		80			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.29%	NA	1963	59.1	49.79	Pressure Test/Replace	2018-2023
2045128	HPSS 2045128	250	3		1193	120	80	UNKV		80			UNVALID	1.315	0.109	24000	0.6	YES	NA	NA	6.28%	NA	1978	51.0	49.78	Pressure Test/Replace	2018-2023
2045140	HPSS 2045140	250	3		1193	120	80	UNKV		80			UNVALID	1.315	0.109	24000	0.6	YES	NA	NA	6.28%	NA	1978	85.1	49.78	Pressure Test/Replace	2018-2023
57229	8" Bremerton H.P. Line	144	4		334	748	498	NA		334	X		UNVALID	8.625	0.322	35000	0.8	NO	YES	YES	5.51%	13.76%	1999	185.1	49.76	DIMP/TIMP, Missing 192.517	2018-2019
41124	Inlet 008-R-028	499	3		877	750	500	720		500	X		UNVALID	4.5	0.188	35000	0.6	NO	NO	YES	17.06%	13.54%	1992	20.1	49.56	DIMP/TIMP, Missing 192.517	2018-2019
2000417	HPSS 2000417	250	3		933	125	83	NA		83			UNVALID	1.05	0.113	24000	0.6	NO	YES	YES	4.84%	8.03%	1984	108.1	49.53	Pressure Test/Replace	2018-2023
1700741	HPSS 1700741	250	3		1549	90	60	UNKV		60			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1965	19.0	49.34	Pressure Test/Replace	2018-2023
1671119	HPSS 1671119	144	3		1549	100	66	UNKV		66			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.79%	NA	1963	15.0	49.29	Addressed w/ 116 Segment	2020
1671082	Service Stub	144	3		1549	100	66	UNKV		66			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.79%	NA	1963	61.0	49.29	Addressed w/ 116 Segment	2020
1796950	HPSS 1796950	499	3		1549	600	400	UNKV		400			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	9.66%	NA	1988	127.7	49.16	Pressure Test/Replace	2018-2023
32756	Inlet 008-R-070	250	3		933	125	83	1440		83			UNVALID	2.375	0.154	35000	0.6	NO	YES	YES	5.51%	8.03%	1985	161.0	49.03	Pressure Test/Replace	2018-2023
2001648	HPSS 2001648	250	3		933	90	60	NA		60			UNVALID	1.05	0.113	24000	0.6	NO	YES	YES	4.84%	8.03%	1985	290.3	49.03	Pressure Test/Replace	2018-2023
40402	8" North Kitsap H.P. Line	250	3		610	600	400	720		400	X	X	VALID	8.625	0.188	35000	0.8	NO	NO	YES	16.38%	9.57%	1992	20.2	48.88	Accept Most Stringent Criteria	--
1510070	Inlet 008-R-146	170	3		1549	120	80	UNKV		80			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.29%	NA	1964	54.1	48.79	Pressure Test/Replace	2024-2028
2045255	HPSS 2045255	250	3		1193	120	80	UNKV		80			UNVALID	1.315	0.109	24000	0.6	YES	NA	NA	6.28%	NA	1982	209.2	48.78	Pressure Test/Replace	2024-2028

Work Order #	Segment Name	Existing MAOP (psig)	Class Location (1,2,3,4)	Uprate (YES/NO)	Design Pressure 192.619 (a) (1) (psig)	Test Pressure (psig)	Test Pressure 192.619 (a) (2) (psig)	Pressure Class Rating (psig)	Hi-5 Pressure (psig) 192.619 (a) (3)	MAOP per 192.619 (psig)	Meets 192.619	Meets 192.517	MAOP Designation	Max Outside Diameter, OD1 (inches)	Min Wall Thickness, WT1 (inches)	Min SMYS, SMYS1 (psig)	Min Longitudinal Joint Factor, E1 (E)	Unknown Pressure Rated Fitting (YES/NO)	Fittings w/ Assumed SMYS (YES/NO)	Fittings w/ Assumed Joint Factor (YES/NO)	Max Pipe % SMYS	Max Fitting % SMYS	Install Date (Year)	Pipe Length (Feet)	Total Score	Action Plan	Action Year
31859	Inlet 008-R-066	250	3		933	600	400	250		250	X	X	VALID	2.375	0.154	35000	0.6	NO	YES	YES	5.51%	8.03%	1984	516.9	48.53	Accept Most Stringent Criteria	--
1700760	HPSS 1700760	250	3		1549	100	71	UNKV		71			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1966	15.0	48.34	Pressure Test/Replace	2024-2028
1700740	HPSS 1700740	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1965	14.0	48.34	Expose/Verify, DIMP/TIMP	2018-2028
31584	Inlet 008-R-048	250	3		933	105	70	1440		70			UNVALID	2.375	0.154	35000	0.6	NO	YES	YES	5.51%	8.03%	1985	25.0	48.03	Pressure Test/Replace	2024-2028
33071	Inlet 008-R-065	250	3		933	125	83	1440		83			UNVALID	2.375	0.154	35000	0.6	NO	YES	YES	5.51%	8.03%	1985	20.0	48.03	Pressure Test/Replace	2024-2028
1510040	HPSS 1510040	170	3		1549	120	80	UNKV		80			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.29%	NA	1965	66.8	47.79	Pressure Test/Replace	2024-2028
1510050	HPSS 1510050	170	3		1549	120	80	UNKV		80			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.29%	NA	1965	9.0	47.79	Pressure Test/Replace	2024-2028
2045207	HPSS 2045207	250	3		1193	120	80	UNKV		80			UNVALID	1.315	0.109	24000	0.6	YES	NA	NA	6.28%	NA	1984	171.0	47.78	Pressure Test/Replace	2024-2028
B0080216	Inlet 008-R-124	170	3		933	0	0	1440		0			UNVALID	2.375	0.154	24000	0.6	NO	YES	YES	5.46%	5.46%	2011	7.4	47.46	Pressure Test/Replace	2024-2028
1671124	HPSS 1671124	144	3		1549	100	66	UNKV		66			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.79%	NA	1965	12.0	47.29	Addressed w/ 116 Segment	2020
59179	8" Bremerton H.P. Line	144	3		418	750	500	UNKV		418	X		UNVALID	8.625	0.25	35000	0.8	YES	YES	YES	7.10%	13.76%	2000	148.1	47.26	Expose/Verify, DIMP/TIMP	2018-2028
1510073	HPSS 1510073	170	3		1549	120	80	UNKV		80			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.29%	NA	1966	18.0	46.79	Pressure Test/Replace	2024-2028
2043932	HPSS 2043932	250	3		1193	120	80	UNKV		80			UNVALID	1.315	0.109	24000	0.6	YES	NA	NA	6.28%	NA	1984	97.1	46.78	Pressure Test/Replace	2024-2028
2045261	HPSS 2045261	250	3		1193	100	66	UNKV		66			UNVALID	1.315	0.109	24000	0.6	YES	NA	NA	6.28%	NA	1984	97.1	46.78	Pressure Test/Replace	2024-2028
1796000	HPSS 1796000	499	3		1549	600	400	UNKV		400			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	9.66%	NA	1991	32.0	46.66	Pressure Test/Replace	2024-2028
1796001	HPSS 1796001	499	3		1549	600	400	UNKV		400			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	9.66%	NA	1991	59.0	46.66	Pressure Test/Replace	2024-2028
53133	6" Port Orchard H.P. Loop Line (008-V-168)	170	3		544	750	500	720		500	X		UNVALID	4.5	0.188	35000	0.6	NO	YES	YES	5.81%	12.48%	1997	44.0	46.48	DIMP/TIMP, Missing 192.517	2018-2019
B0084415	8" North Kitsap H.P. Line	250	3		556	710	473	UNKV		473	X		UNVALID	8.625	0.25	24000	0.8	YES	NA	NA	17.97%	NA	2008	43.0	46.47	Expose/Verify, DIMP/TIMP	2018-2028
2045197	HPSS 2045197	250	3		1193	125	83	NA		83			UNVALID	1.315	0.109	24000	0.6	NO	NA	NA	6.28%	NA	1985	82.1	46.28	Pressure Test/Replace	2024-2028
1795130	HPSS 1795130	499	3		1549	600	400	NA		400			UNVALID	1.05	0.113	24000	0.6	NO	NA	NA	9.66%	NA	1992	59.0	46.16	Pressure Test/Replace	2024-2028
184804	Inlet 008-R-145	250	3		933	750	500	UNKV		500	X	X	UNVALID	2.375	0.154	24000	0.6	YES	NA	NA	8.03%	NA	1979	49.4	46.03	Expose/Verify, DIMP/TIMP	2018-2028
25294 (R-62)	Inlet 008-R-062	250	3		1361	115	76	1440		76			UNVALID	2.375	0.154	35000	0.6	NO	NO	YES	5.51%	5.51%	1978	235.2	46.01	Pressure Test/Replace	2024-2028
25294 (R-63)	Inlet 008-R-063	250	3		1361	115	76	UNKV		76			UNVALID	2.375	0.154	35000	0.6	YES	NA	NA	5.51%	NA	1978	140.1	46.01	Pressure Test/Replace	2024-2028
1510076	HPSS 1510076	170	3		1549	120	80	UNKV		80			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.29%	NA	1967	45.0	45.79	Pressure Test/Replace	2024-2028
1950210	HPSS 1950210	170	3		1549	100	71	UNKV		71			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.29%	NA	1967	61.7	45.79	Pressure Test/Replace	2024-2028
2045251	HPSS 2045251	250	3		1193	120	80	NA		80			UNVALID	1.315	0.109	24000	0.6	NO	NA	NA	6.28%	NA	1986	69.1	45.78	Pressure Test/Replace	2024-2028
B0065951	8" Bremerton H.P. Line	144	3		418	705	470	NA		418	X	X	VALID	8.625	0.188	35000	0.8	NO	YES	YES	9.44%	13.76%	2001	41.5	45.76	Accept Most Stringent Criteria	--
44274	6" Port Orchard H.P. Loop Line	170	3		794	750	500	NA		500	X	X	VALID	6.625	0.188	35000	0.8	NO	NO	YES	8.56%	5.75%	1993	9,307.0	45.56	Accept Most Stringent Criteria	--
2001103	HPSS 2001103	250	3		933	90	60	NA		60			UNVALID	1.05	0.113	24000	0.6	NO	YES	YES	4.84%	8.03%	1992	116.1	45.53	Pressure Test/Replace	2024-2028
2043902	HPSS 2043902	250	3		1193	120	80	UNKV		80			UNVALID	1.315	0.109	24000	0.6	YES	NA	NA	6.28%	NA	1987	43.0	45.28	Pressure Test/Replace	2024-2028
16988	Inlet 008-R-025	144	3		933	100	71	UNKV		71			UNVALID	2.375	0.154	35000	0.6	YES	YES	YES	3.17%	4.63%	1969	13.1	45.13	Addressed w/ 116 Segment	2020
41077	Inlet 008-R-068	250	3		794	600	400	720		400	X	X	VALID	6.625	0.188	35000	0.8	NO	NO	YES	12.59%	8.45%	1992	30.2	45.09	Accept Most Stringent Criteria	--
1625	M&R 47761	144	3		544	850	566	NA		544	X	Service	VALID	6.625	0.188	24000	0.8	NO	NA	NA	10.57%	NA	1996	2.0	45.07	Accept Most Stringent Criteria	--
45222	Port Orchard Check Meter M&R 45222	499	3		1106	750	500	NA		500	X	X	VALID	4.5	0.237	35000	0.6	NO	NO	YES	13.54%	13.54%	1994	21.9	45.04	Accept Most Stringent Criteria	--
25654	Inlet 008-R-045	250	3		1361	108	72	1440		72			UNVALID	2.375	0.154	35000	0.6	NO	NA	NA	5.51%	NA	1978	67.1	45.01	Pressure Test/Replace	2024-2028
25876	Inlet 008-R-050	250	3		1361	115	76	1440		76			UNVALID	2.375	0.154	35000	0.6	NO	NA	NA	5.51%	NA	1978	65.1	45.01	Pressure Test/Replace	2024-2028
25899	Inlet 008-R-067	250	3		1361	105	70	1440		70			UNVALID	2.375	0.154	35000	0.6	NO	NA	NA	5.51%	NA	1978	46.4	45.01	Pressure Test/Replace	2024-2028
1950256	HPSS 1950256	170	3		1549	100	71	UNKV		71			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.29%	NA	1968	18.0	44.79	Pressure Test/Replace	2024-2028
1951000	HPSS 1951000	170	3		1549	100	71	UNKV		71			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.29%	NA	1968	82.1	44.79	Pressure Test/Replace	2024-2028
1510078	Service Stub	170	3		1549	90	64	UNKV		64			UNVALID	NA	NA	NA	NA	YES	YES	YES	NA	3.29%	1968	39.0	44.79	Pressure Test/Replace	2024-2028
B0085444	8" Bremerton H.P. Line	144	4		334	440	293	UNKV		293	X		UNVALID	8.625	0.25	52000	0.8	YES	YES	YES	4.78%	13.76%	2009	174.2	44.76	Expose/Verify, DIMP/TIMP	2018-2028
1670362	Service Stub	144	4		746	100	66	UNKV		66			UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	2.79%	4.63%	1971	9.1	44.63	Addressed w/ 116 Segment	2020
25871	Inlet 008-R-081	250	3		1361	120	80	1440		80			UNVALID	2.375	0.154	35000	0.6	NO	NA	NA	5.51%	NA	1979	85.1	44.51	Pressure Test/Replace	2024-2028
26706	Main Stub	250	3		1361	120	80	1440		80			UNVALID	2.375	0.154	35000	0.6	NO	NA	NA	5.51%	NA	1979	6.0	44.51	Pressure Test/Replace	2024-2028
1700784	HPSS 1700784	144	3		1549	100	66	UNKV		66			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.79%	NA	1968	45.0	44.29	Addressed w/ 116 Segment	2020
1702974	HPSS 1702974	144	3		1549	100	66	UNKV		66			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.79%	NA	1968	14.0	44.29	Addressed w/ 116 Segment	2020
1702979	HPSS 1702979	144	3		1549	100	66	UNKV		66			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.79%	NA	1968	41.0	44.29	Addressed w/ 116 Segment	2020
1702980	HPSS 1702980	144	3		1549	100	66	UNKV		66			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.79%	NA	1968	42.0	44.29	Addressed w/ 116 Segment	2020
1578407	HPSS 1578407	250	3		1193	90	60	NA		60			UNVALID	1.05	0.113	24000	0.6	NO	YES	YES	4.84%	6.28%	1991	152.0	44.28	Pressure Test/Replace	2024-2028
218194	Inlet 008-R-153	250	3		1193	745	496	UNKV		496	X	X	UNVALID	1.315	0.109	24000	0.6	YES	YES	YES	6.28%	6.28%	1979	79.3	44.28	Expose/Verify, DIMP/TIMP	2018-2028
41118	Outlet 008-R-028	250	3		794	750	500	720		500	X		UNVALID	6.625	0.188	35000	0.8	NO	NO	YES	12.59%	9.57%	1994	17.6	44.09	DIMP/TIMP, Missing 192.517	2018-2019
28251	Inlet 008-R-055	250	3		1361	120	80	1440		80			UNVALID	2.375	0.154	35000	0.6	NO	NA	NA	5.51%	NA	1980	17.1	44.01	Pressure Test/Replace	2024-2028
40417	Inlet 008-R-040	499	3		1361	750	500	1440		500	X		UNVALID	2.375	0.154	35000	0.6	NO	NO	YES	10.99%	10.99%	1991	25.0	43.99	DIMP/TIMP, Missing 192.517	2018-2019
2001016	HPSS 2001016	250	3		1549	0	0	UNKV		0			UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	4.84%	4.84%	1989	343.3	43.84	Pressure Test/Replace	2024-2028
28962	Inlet 008-R-058	250	3		1361	120	80	1440		80			UNVALID	2.375	0.154	35000	0.6	NO	NA	NA	5.51%	NA	1981	1.1	43.51	Pressure Test/Replace	2024-2028
53149	8" North Kitsap H.P. Line	250	3		811	700	466	720		466	X	X	VALID	8.625	0.25	35000	0.8	NO	NO	YES	12.32%	9.57%	1997	421.8	43.32	Accept Most Stringent Criteria	--
1671115	HPSS 1671115	144	3		1549	100	66	UNKV		66			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.79%	NA	1969	26.0	43.29	Addressed w/ 116 Segment	2020
1700307	Inlet 008-R-129	144	3		1549	100	71	1440		71			UNVALID	1.05	0.113	24000	0.6	NO	NA	NA	2.79%	NA	1969	72.1	43.29	Addressed w/ 116 Segment	2020
2044853	HPSS 2044853	250	3		1193	90	60	UNKV		60			UNVALID	1.315	0.109	24000	0.6	YES	NA	NA	6.28%	NA	1991	80.1	43.28	Pressure Test/Replace	2024-2028
1950991	HPSS 1950991	499	3		1549	90	60	NA		60			UNVALID	1.05	0.113	24000	0.6	NO	NA	NA	9.66%	NA	1998	7.0	43.16	Pressure Test/Replace	2024-2028
1950993	HPSS 1950993	499	3		1549	90	60	NA		60			UNVALID	1.05	0.113	24000	0.6	NO	YES	YES	9.66%	9.66%	1998	3.1	43.16	Pressure Test/Replace	2024-2028
1670386	Service Stub	144	4		746	100	66	UNKV		66			UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	2.79%	4.63%	1974	5.0	43.13	Addressed w/ 116 Segment	2020
1510047	HPSS 1510047	170	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.29%	NA	1969	14.0	42.79	Expose/Verify, DIMP/TIMP	2018-2028
24684	Inlet 008-R-027	499	3		2123	750	500	1440		500	X	X	VALID	1.315	0.133	35000	0.6	NO	NA	NA	7.05%	NA	1976	59.1	42.55	Accept Most Stringent Criteria	--
B0078444	Inlet 008-R-127	499	3		1193	750	500	1440		500	X	X	VALID	2.375	0.154	35000	0.6	NO	YES	YES	10.99%	12.54%	2005	20.4	42.54	Accept Most Stringent Criteria	--
169896	4" Olympic View H.P. Line	499	3		1106	750	500	720		500	X		UNVALID	4.5	0.188	52000	0.6	NO	NO	YES	11.48%	13.54%	2009	583.5	42.54	DIMP/TIMP, Missing 192.517	2018-2019
1700670	Service Stub	144	3		933	100	66	UNKV		66			UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	2.79%	4.63%	1972	39.1	42.13	Addressed w/ 116 Segment	2020
31494	Inlet 008-R-059	250	3		1361	125	83	1440		83			UNVALID	2.375	0.154	35000	0.6	NO	NA	NA	5.51%	NA	1984	16.1	42.01	Pressure Test/Replace	2024-2028
31570	Inlet 008-R-052	250	3		1361	120	80	1440		80			UNVALID	2.375	0.154	35000	0.6	NO	NA	NA	5.51%	NA	1984	49.1	42.01	Pressure Test/Replace	2024-2028
31583	Inlet 008-R-057	250	3		1361	125	83	1440		83			UNVALID	2.375	0.154	35000	0.6	NO	NA	NA	5.51%	NA	1984	14.0	42.01	Pressure Test/Replace	2024-2028
1510079	HPSS 1510079	170	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.29%	NA	1970	34.0	41.79	Expose/Verify, DIMP/TIMP	2018-2028
2043860	HPSS 2043860	250	3		1193	780	520	UNKV		520	X	Service	UNVALID	1.315	0.109	24000	0.6	YES	NA	NA	6.28%	NA	1984	47.5	41.78	Expose/Verify, DIMP/TIMP	2018-2028
1796955	HPSS 1796955	499	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	9.66%	NA	1991	57.4	41.66	Expose/Verify, DIMP/TIMP	2018-2028
32190	Inlet 008-R-056	250	3		1361	125	83	1440		83			UNVALID	2.375	0.154	35000	0.6	NO	NA	NA	5.51%	NA	1985	38.3	41.51	Pressure Test/Replace	2024-2028
32382	Inlet 008-R-071	250	3		1361	125	83	250		83			UNVALID	2.375	0.154	35000	0.6	NO	NA	NA	5.51%	NA	1985	20.0	41.51	Pressure Test/Replace	2024-2028
32852	Inlet 008-R-080	250	3		1361	125	83	1440		83			UNVALID	2.375	0.154	35000	0.6	NO	NA	NA	5.51%	NA	1985	32.8	41.51	Pressure Test/Replace	2024-2028
1950235	HPSS 1950235	170	3		1549	100	66	UNKV		66			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.29%	NA	1971	25.9	41.29	Pressure Test/Replace	2024-2028
1950950	HPSS 1950950	170	3		1549	90	60	UNKV		60			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.29%	NA	1971	75.1	41.29	Pressure Test/Replace	2024-2028
53128	6" Port Orchard H.P. Loop Line	170	3		1044	750	500	720		500	X	X	VALID	6.625	0.188	46000	0.8	NO	NO	YES	6.51%	5.75%	1998	9,495.5	41.01	Accept Most Stringent Criteria	--
46426	Inlet 008-R-102	499	3		1361	750	500	1440		500	X	X	VALID	2.375	0.154	35000	0.6	NO	NO	YES	10.99%	10.99%	1997	34.1	40.99	Accept Most Stringent Criteria	--
2001085	HPSS 2001085	250	3		1549	105	70	UNKV		70			UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	4.84%	4.84%	1977	160.2	40.84	Pressure Test/Replace	2024-2028
2001777	HPSS 2001777	250	3		1549	105	70	UNKV		70			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1977	137.1	40.84	Pressure Test/Replace	2024-2028
1700426	HPSS 1700426	144	3		1549	120	80	UNKV		80			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.79%	NA	1971	4.1	40.79	Addressed w/ 116 Segment	2020

Work Order #	Segment Name	Existing MAOP (psig)	Class Location (1,2,3,4)	Uprate (YES/NO)	Design Pressure 192.619 (a) (1) (psig)	Test Pressure (psig)	Test Pressure 192.619 (a) (2) (psig)	Pressure Class Rating (psig)	Hi-5 Pressure (psig) 192.619 (a) (3)	MAOP per 192.619 (psig)	Meets 192.619	Meets 192.517	MAOP Designation	Max Outside Diameter, OD1 (inches)	Min Wall Thickness, WT1 (inches)	Min SMYS, SMYS1 (psig)	Min Longitudinal Joint Factor, E1 (E)	Unknown Pressure Rated Fitting (YES/NO)	Fittings w/ Assumed SMYS (YES/NO)	Fittings w/ Assumed Joint Factor (YES/NO)	Max Pipe % SMYS	Max Fitting % SMYS	Install Date (Year)	Pipe Length (Feet)	Total Score	Action Plan	Action Year
2045206	HPSS 2045206	250	3		1193	90	60	NA		60			UNVALID	1.315	0.109	24000	0.6	NO	NA	NA	6.28%	NA	1996	30.0	40.78	Pressure Test/Replace	2024-2028
2000125	HPSS 2000125	250	3		1549	105	70	UNKV		70			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1978	206.2	40.34	Pressure Test/Replace	2024-2028
2000130	HPSS 2000130	250	3		1549	120	80	UNKV		80			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1978	148.1	40.34	Pressure Test/Replace	2024-2028
2001095	HPSS 2001095	250	3		1549	105	70	UNKV		70			UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	4.84%	4.84%	1978	150.1	40.34	Pressure Test/Replace	2024-2028
2001363	HPSS 2001363	250	3		1549	115	76	UNKV		76			UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	4.84%	4.84%	1978	122.1	40.34	Pressure Test/Replace	2024-2028
2001440	HPSS 2001440	250	3		1549	115	76	UNKV		76			UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	4.84%	4.84%	1978	120.1	40.34	Pressure Test/Replace	2024-2028
2001520	HPSS 2001520	250	3		1549	115	76	UNKV		76			UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	4.84%	4.84%	1978	134.1	40.34	Pressure Test/Replace	2024-2028
25874	Inlet 008-R-032	170	3		877	375	250	720		250	X	X	VALID	4.5	0.188	35000	0.6	NO	NO	YES	5.81%	4.61%	1978	47.4	40.31	Accept Most Stringent Criteria	--
1951006	Service Stub	170	3		1549	100	66	UNKV		66			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.29%	NA	1973	52.4	40.29	Pressure Test/Replace	2024-2028
1510095	HPSS 1510095	170	3		1549	0	0	UNKV		0			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.29%	NA	1991	33.0	40.29	Pressure Test/Replace	2024-2028
2045188	HPSS 2045188	250	3		1193	90	60	NA		60			UNVALID	1.315	0.109	24000	0.6	NO	NA	NA	6.28%	NA	1997	18.0	40.28	Pressure Test/Replace	2024-2028
1796957	HPSS 1796957	499	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	9.66%	NA	1996	226.8	40.16	Expose/Verify, DIMP/TIMP	2018-2028
1950815	HPSS 1950815	499	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	9.66%	NA	1994	16.0	40.16	Expose/Verify, DIMP/TIMP	2018-2028
1950829	HPSS 1950829	499	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	9.66%	NA	1996	132.1	40.16	Expose/Verify, DIMP/TIMP	2018-2028
40558	Inlet 008-R-042	250	3		877	600	400	720		400	X	X	VALID	4.5	0.188	35000	0.6	NO	YES	YES	8.55%	6.28%	1992	37.0	40.05	Accept Most Stringent Criteria	--
34818	Inlet 008-R-148	250	3		1361	90	60	1440		60			UNVALID	2.375	0.154	35000	0.6	NO	NO	YES	5.51%	5.51%	1988	78.0	40.01	Pressure Test/Replace	2024-2028
35662	Inlet 008-R-061	250	3		1361	90	60	1440		60			UNVALID	2.375	0.154	35000	0.6	NO	NA	NA	5.51%	NA	1988	71.1	40.01	Pressure Test/Replace	2024-2028
41106	Inlet 008-R-082	250	3		1361	600	400	720		400	X		UNVALID	2.375	0.154	35000	0.6	NO	NO	YES	5.51%	5.51%	1978	13.7	40.01	DIMP/TIMP, Missing 192.517	2018-2019
2000112	HPSS 2000112	250	3		1549	105	70	UNKV		70			UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	4.84%	4.84%	1977	62.1	39.84	Pressure Test/Replace	2024-2028
2000127	HPSS 2000127	250	3		1549	120	80	UNKV		80			UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	4.84%	4.84%	1979	194.2	39.84	Pressure Test/Replace	2024-2028
2000405	HPSS 2000405	250	3		1549	105	70	UNKV		70			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1977	78.1	39.84	Pressure Test/Replace	2024-2028
2000427	HPSS 2000427	250	3		1549	105	70	UNKV		70			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1977	80.0	39.84	Pressure Test/Replace	2024-2028
2000445	HPSS 2000445	250	3		1549	105	70	UNKV		70			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1977	66.1	39.84	Pressure Test/Replace	2024-2028
2000458	HPSS 2000458	250	3		1549	120	80	UNKV		80			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1979	105.1	39.84	Pressure Test/Replace	2024-2028
2000459	HPSS 2000459	250	3		1549	120	80	UNKV		80			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1979	183.2	39.84	Pressure Test/Replace	2024-2028
2001064	HPSS 2001064	250	3		1549	120	80	UNKV		80			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1979	171.2	39.84	Pressure Test/Replace	2024-2028
2001355	HPSS 2001355	250	3		1549	120	80	UNKV		80			UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	4.84%	4.84%	1979	278.4	39.84	Pressure Test/Replace	2024-2028
2001485	HPSS 2001485	250	3		1549	120	80	UNKV		80			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1979	131.1	39.84	Pressure Test/Replace	2024-2028
2001662	HPSS 2001662	250	3		1549	105	70	UNKV		70			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1977	72.1	39.84	Pressure Test/Replace	2024-2028
2001779	HPSS 2001779	250	3		1549	120	80	UNKV		80			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1979	123.1	39.84	Pressure Test/Replace	2024-2028
2000442	HPSS 2000442	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1975	13.0	39.84	Expose/Verify, DIMP/TIMP	2018-2028
1510038	HPSS 1510038	170	3		1549	100	66	UNKV		66			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.29%	NA	1974	66.0	39.79	Pressure Test/Replace	2024-2028
1950259	HPSS 1950259	170	3		1549	100	66	UNKV		66			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.29%	NA	1974	61.0	39.79	Pressure Test/Replace	2024-2028
222042	8" Bremerton H.P. Line	144	3		418	268	178	NA		178	X	X	VALID	8.625	0.322	52000	0.8	NO	YES	YES	3.71%	13.76%	2015	238.5	39.76	Accept Most Stringent Criteria	--
1950952	HPSS 1950952	499	3		1549	750	1	UNKV		1			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	9.66%	NA	2005	9.0	39.66	Pressure Test/Replace	2024-2028
1796003	HPSS 1796003	499	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	9.66%	NA	1995	18.0	39.66	Expose/Verify, DIMP/TIMP	2018-2028
1796004	HPSS 1796004	499	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	9.66%	NA	1995	42.0	39.66	Expose/Verify, DIMP/TIMP	2018-2028
2001074	HPSS 2001074	250	3		933	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	4.84%	8.03%	1992	40.0	39.53	Expose/Verify, DIMP/TIMP	2018-2028
2000128	HPSS 2000128	250	3		1549	120	80	UNKV		80			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1978	97.1	39.34	Pressure Test/Replace	2024-2028
2000147	HPSS 2000147	250	3		1549	105	70	UNKV		70			UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	4.84%	4.84%	1978	80.1	39.34	Pressure Test/Replace	2024-2028
2001060	HPSS 2001060	250	3		1549	120	80	UNKV		80			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1978	40.0	39.34	Pressure Test/Replace	2024-2028
2001079	HPSS 2001079	250	3		1549	100	66	UNKV		66			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1978	55.9	39.34	Pressure Test/Replace	2024-2028
2001385	HPSS 2001385	250	3		1549	120	80	UNKV		80			UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	4.84%	4.84%	1978	86.0	39.34	Pressure Test/Replace	2024-2028
2001454	HPSS 2001454	250	3		1549	90	60	UNKV		60			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1978	55.1	39.34	Pressure Test/Replace	2024-2028
2001455	HPSS 2001455	250	3		1549	115	76	UNKV		76			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1978	57.1	39.34	Pressure Test/Replace	2024-2028
2001522	HPSS 2001522	250	3		1549	120	80	UNKV		80			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1980	176.2	39.34	Pressure Test/Replace	2024-2028
2001524	HPSS 2001524	250	3		1549	120	80	UNKV		80			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1980	255.3	39.34	Pressure Test/Replace	2024-2028
2043460	HPSS 2043460	250	3		1549	90	60	UNKV		60			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1978	54.0	39.34	Pressure Test/Replace	2024-2028
2043645	HPSS 2043645	250	3		1549	105	70	NA		70			UNVALID	1.05	0.113	24000	0.6	NO	NA	NA	4.84%	NA	1978	48.9	39.34	Pressure Test/Replace	2024-2028
2000188	HPSS 2000188	250	3		1549	0	0	UNKV		0			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1996	45.0	39.34	Pressure Test/Replace	2024-2028
2001548	HPSS 2001548	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1976	48.1	39.34	Expose/Verify, DIMP/TIMP	2018-2028
1795144	HPSS 1795144	499	3		1549	750	1	UNKV		1			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	9.66%	NA	2006	21.5	39.16	Pressure Test/Replace	2024-2028
2000418	HPSS 2000418	250	3		933	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	4.84%	8.03%	1993	42.0	39.03	Expose/Verify, DIMP/TIMP	2018-2028
60111	Inlet 008-R-120	499	3		1361	750	500	1440		500	X	X	VALID	2.375	0.154	35000	0.6	NO	NA	NA	10.99%	NA	2001	21.0	38.99	Accept Most Stringent Criteria	--
2001201	HPSS 2001201	250	3		1549	120	80	NA		80			UNVALID	1.05	0.113	24000	0.6	NO	YES	YES	4.84%	4.84%	1981	200.2	38.84	Pressure Test/Replace	2024-2028
2001347	HPSS 2001347	250	3		1549	120	80	UNKV		80			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1981	256.2	38.84	Pressure Test/Replace	2024-2028
2001369	HPSS 2001369	250	3		1549	120	80	UNKV		80			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1981	134.1	38.84	Pressure Test/Replace	2024-2028
2001537	HPSS 2001537	250	3		1549	120	80	UNKV		80			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1979	95.2	38.84	Pressure Test/Replace	2024-2028
2001660	HPSS 2001660	250	3		1549	120	80	UNKV		80			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1979	95.1	38.84	Pressure Test/Replace	2024-2028
2001752	HPSS 2001752	250	3		1549	120	80	UNKV		80			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1979	58.1	38.84	Pressure Test/Replace	2024-2028
2001773	HPSS 2001773	250	3		1549	120	80	UNKV		80			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1979	66.1	38.84	Pressure Test/Replace	2024-2028
2001783	HPSS 2001783	250	3		1549	120	80	UNKV		80			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1981	102.1	38.84	Pressure Test/Replace	2024-2028
2001246	HPSS 2001246	250	3		1549	750	535	UNKV		535	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1977	57.1	38.84	Expose/Verify, DIMP/TIMP	2018-2028
2001785	HPSS 2001785	250	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1979	119.1	38.84	Expose/Verify, DIMP/TIMP	2018-2028
1795147	HPSS 1795147	499	3		1549	720	480	UNKV		480			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	9.66%	NA	2007	21.0	38.66	Pressure Test/Replace	2024-2028
1795151	HPSS 1795151	499	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	9.66%	NA	1997	22.8	38.66	Expose/Verify, DIMP/TIMP	2018-2028
44665	Inlet 008-R-098	250	3		933	600	400	1440		400	X	X	VALID	2.375	0.154	35000	0.6	NO	YES	YES	5.51%	8.03%	1994	65.1	38.53	Accept Most Stringent Criteria	--
2000403	HPSS 2000403	250	3		1549	120	80	UNKV		80			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1980	49.0	38.34	Pressure Test/Replace	2024-2028
2001099	HPSS 2001099	250	3		1549	120	80	UNKV		80			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1980	83.1	38.34	Pressure Test/Replace	2024-2028
2001506	HPSS 2001506	250	3		1549	90	60	UNKV		60			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1982	267.9	38.34	Pressure Test/Replace	2024-2028
2001664	HPSS 2001664	250	3		1549	120	80	UNKV		80			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1982	127.0	38.34	Pressure Test/Replace	2024-2028
2001671	HPSS 2001671	250	3		1549	120	80	UNKV		80			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1982	101.1	38.34	Pressure Test/Replace	2024-2028
2001782	HPSS 2001782	250	3		1549	120	80	UNKV		80			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1980	57.0	38.34	Pressure Test/Replace	2024-2028
1577150	HPSS 1577150	250	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1980	111.1	38.34	Expose/Verify, DIMP/TIMP	2018-2028
2000187	Service Stub	250	3		933	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	4.84%	8.03%	1995	57.0	38.03	Expose/Verify, DIMP/TIMP	2018-2028
2000084	HPSS 2000084	250	3		933	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	4.84%	8.03%	1995	31.0	38.03	Expose/Verify, DIMP/TIMP	2018-2028
31559	Main Sub	250	3		1361	600	400	400		400	X	X	VALID	2.375	0.154	35000	0.6	NO	NA	NA	5.51%	NA	1984	154.1	38.01	Accept Most Stringent Criteria	--
1577120	HPSS 1577120	250	3		1549	120	80	UNKV		80			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1983	282.3	37.84	Pressure Test/Replace	2024-2028
1577156	HPSS 1577156	250	3		1549	120	80	UNKV		80			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1983	361.3	37.84	Pressure Test/Replace	2024-2028
2000138	HPSS 2000138	250	3		1549	100	66	UNKV		66			UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	4.84%	4.84%	1983	277.2	37.84	Pressure Test/Replace	2024-2028
2000140	HPSS 2000140	250	3		1549	100	66	UNKV		66			UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	4.84%	4.84%	1983	177.0	37.84	Pressure Test/Replace	2024-2028
2000402	HPSS 2000402	250	3		1549	120	80	UNKV		80			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1981	82.1	37.84	Pressure Test/Replace	2024-2028
2001530	HPSS 2001530	250	3		1549	120	80	UNKV		80			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1983	122.2	37.84	Pressure Test/Replace	2024-2028

Work Order #	Segment Name	Existing MAOP (psig)	Class Location (1,2,3,4)	Uprate (YES/NO)	Design Pressure 192.619 (a) (1) (psig)	Test Pressure (psig)	Test Pressure 192.619 (a) (2) (psig)	Pressure Class Rating (psig)	Hi-5 Pressure (psig) 192.619 (a) (3)	MAOP per 192.619 (psig)	Meets 192.619	Meets 192.517	MAOP Designation	Max Outside Diameter, OD1 (inches)	Min Wall Thickness, WT1 (inches)	Min SMYS, SMYS1 (psig)	Min Longitudinal Joint Factor, E1 (E)	Unknown Pressure Rated Fitting (YES/NO)	Fittings w/ Assumed SMYS (YES/NO)	Fittings w/ Assumed Joint Factor (YES/NO)	Max Pipe % SMYS	Max Fitting % SMYS	Install Date (Year)	Pipe Length (Feet)	Total Score	Action Plan	Action Year
2001780	HPSS 2001780	250	3		1549	120	80	UNKV		80			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1983	108.1	37.84	Pressure Test/Replace	2024-2028
2001084	Service to HPSS 2001078 & 2001103	250	3		1549	110	73	UNKV		73			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1983	169.1	37.84	Pressure Test/Replace	2024-2028
58147	Inlet 008-R-142	250	3		1549	0	0	275		0			UNVALID	1.05	0.113	24000	0.6	NO	YES	YES	4.84%	4.84%	1999	27.1	37.84	Pressure Test/Replace	2024-2028
2043785	HPSS 2043785	250	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1981	333.3	37.84	Expose/Verify, DIMP/TIMP	2018-2028
1510052	Service Stub	170	3		1549	120	80	UNKV		80			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.29%	NA	1978	86.1	37.79	Pressure Test/Replace	2024-2028
2044857	HPSS 2044857	250	3		1193	750	500	UNKV		500	X	Service	UNVALID	1.315	0.109	24000	0.6	YES	NA	NA	6.28%	NA	1994	151.1	37.78	Expose/Verify, DIMP/TIMP	2018-2028
218419	Inlet 008-R-134	170	3		1193	120	80	UNKV		80			UNVALID	1.315	0.109	24000	0.6	YES	NA	NA	4.27%	NA	1980	28.0	37.77	Pressure Test/Replace	2024-2028
1577140	HPSS 1577140	250	3		1549	120	80	UNKV		80			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1984	179.2	37.34	Pressure Test/Replace	2024-2028
1578400	HPSS 1578400	250	3		1549	120	80	UNKV		80			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1984	118.1	37.34	Pressure Test/Replace	2024-2028
2000129	HPSS 2000129	250	3		1549	120	80	UNKV		80			UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	4.84%	4.84%	1984	144.0	37.34	Pressure Test/Replace	2024-2028
2000132	HPSS 2000132	250	3		1549	125	83	UNKV		83			UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	4.84%	4.84%	1984	139.1	37.34	Pressure Test/Replace	2024-2028
2001380	HPSS 2001380	250	3		1549	120	80	UNKV		80			UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	4.84%	4.84%	1984	202.2	37.34	Pressure Test/Replace	2024-2028
2001480	HPSS 2001480	250	3		1549	120	80	UNKV		80			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1984	113.0	37.34	Pressure Test/Replace	2024-2028
2001523	HPSS 2001523	250	3		1549	120	80	NA		80			UNVALID	1.05	0.113	24000	0.6	NO	NA	NA	4.84%	NA	1982	33.0	37.34	Pressure Test/Replace	2024-2028
2001529	HPSS 2001529	250	3		1549	120	80	UNKV		80			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1984	118.1	37.34	Pressure Test/Replace	2024-2028
2043470	HPSS 2043470	250	3		1549	125	83	UNKV		83			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1984	145.1	37.34	Pressure Test/Replace	2024-2028
2043760	HPSS 2043760	250	3		1549	120	80	UNKV		80			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1982	73.1	37.34	Pressure Test/Replace	2024-2028
2000210	HPSS 2000210	250	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	4.84%	4.84%	1982	150.2	37.34	Expose/Verify, DIMP/TIMP	2018-2028
41108	Inlet 008-R-041	250	3		877	600	400	720		400	X	X	VALID	4.5	0.188	35000	0.6	NO	NO	YES	8.55%	9.57%	1992	46.5	37.07	Accept Most Stringent Criteria	--
31739	Inlet 008-R-076	250	3		1361	600	400	1440		400	X	X	VALID	2.375	0.154	35000	0.6	NO	NA	NA	5.51%	NA	1984	93.0	37.01	Accept Most Stringent Criteria	--
31628	Inlet 008-R-069	250	3		1361	600	400	1440		400	X		UNVALID	2.375	0.154	35000	0.6	NO	NA	NA	5.51%	NA	1984	95.3	37.01	DIMP/TIMP, Missing 192.517	2018-2019
B0074364	Inlet 008-R-123	499	3		1361	760	506	1440		506	X	X	VALID	2.375	0.154	35000	0.6	NO	NO	YES	10.99%	10.99%	2005	16.0	36.99	Accept Most Stringent Criteria	--
45012	Bangor Naval Submarine Base M&R	250	3		1001	600	400	NA		400	X	X	VALID	6.625	0.25	35000	0.8	NO	NO	YES	9.46%	9.98%	1993	8.2	36.98	Accept Most Stringent Criteria	--
1577121	HPSS 1577121	250	3		1549	120	80	NA		80			UNVALID	1.05	0.113	24000	0.6	NO	NA	NA	4.84%	NA	1985	184.2	36.84	Pressure Test/Replace	2024-2028
1577155	HPSS 1577155	250	3		1549	120	80	UNKV		80			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1983	80.1	36.84	Pressure Test/Replace	2024-2028
1578406	HPSS 1578406	250	3		1549	120	80	UNKV		80			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1985	205.2	36.84	Pressure Test/Replace	2024-2028
2000139	HPSS 2000139	250	3		1549	120	80	UNKV		80			UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	4.84%	4.84%	1985	183.6	36.84	Pressure Test/Replace	2024-2028
2000141	HPSS 2000141	250	3		1549	110	73	NA		73			UNVALID	1.05	0.113	24000	0.6	NO	YES	YES	4.84%	4.84%	1983	98.1	36.84	Pressure Test/Replace	2024-2028
2001387	HPSS 2001387	250	3		1549	90	60	UNKV		60			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1985	180.2	36.84	Pressure Test/Replace	2024-2028
2001458	HPSS 2001464	250	3		1549	120	80	UNKV		80			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1983	47.0	36.84	Pressure Test/Replace	2024-2028
2001650	HPSS 2001650	250	3		1549	90	60	UNKV		60			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1985	155.2	36.84	Pressure Test/Replace	2024-2028
2001750	HPSS 2001750	250	3		1549	100	66	UNKV		66			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1985	268.3	36.84	Pressure Test/Replace	2024-2028
2043669	HPSS 2043669	250	3		1549	125	83	UNKV		83			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1985	147.1	36.84	Pressure Test/Replace	2024-2028
2043770	HPSS 2043770	250	3		1549	125	83	UNKV		83			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1985	164.2	36.84	Pressure Test/Replace	2024-2028
2001348	HPSS 2001348	250	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1981	40.0	36.84	Expose/Verify, DIMP/TIMP	2018-2028
1951005	HPSS 1951005	170	3		1549	255	170	UNKV		170	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.29%	NA	1978	34.6	36.79	Expose/Verify, DIMP/TIMP	2018-2028
1671126	HPSS 1671126	144	3		1549	120	80	UNKV		80			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.79%	NA	1979	11.0	36.79	Addressed w/ 116 Segment	2020
2043786	HPSS 2043790	250	3		1193	600	400	UNKV		400	X	Service	UNVALID	1.315	0.109	24000	0.6	YES	NA	NA	6.28%	NA	1994	95.1	36.78	Expose/Verify, DIMP/TIMP	2018-2028
1796011	HPSS 1796011	499	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	9.66%	NA	2001	31.0	36.66	Expose/Verify, DIMP/TIMP	2018-2028
45440 (V-130)	008-V-130	170	3		1106	0	0	720		0			UNVALID	4.5	0.237	35000	0.6	NO	NO	YES	4.61%	4.61%	1993	21.8	36.61	Pressure Test/Replace	2024-2028
1577130	HPSS 1577130	250	3		1549	120	80	UNKV		80			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1984	19.4	36.34	Pressure Test/Replace	2024-2028
2000137	HPSS 2000137	250	3		1549	125	83	UNKV		83			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1986	100.1	36.34	Pressure Test/Replace	2024-2028
2000469	HPSS 2000469	250	3		1549	120	80	UNKV		80			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1986	211.2	36.34	Pressure Test/Replace	2024-2028
2001070	HPSS 2001070	250	3		1549	120	80	UNKV		80			UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	4.84%	4.84%	1986	106.1	36.34	Pressure Test/Replace	2024-2028
2001528	HPSS 2001528	250	3		1549	125	83	UNKV		83			UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	4.84%	4.84%	1984	81.0	36.34	Pressure Test/Replace	2024-2028
2043430	HPSS 2043430	250	3		1549	120	80	UNKV		80			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1984	93.1	36.34	Pressure Test/Replace	2024-2028
2043436	HPSS 2043436	250	3		1549	125	83	UNKV		83			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1986	175.1	36.34	Pressure Test/Replace	2024-2028
2000134	Inlet 008-R-131	250	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1982	37.0	36.34	Expose/Verify, DIMP/TIMP	2018-2028
1510049	HPSS 1510049	170	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	3.29%	3.29%	1979	45.0	36.29	Expose/Verify, DIMP/TIMP	2018-2028
1795152	HPSS 1795152	499	3		1549	800	533	UNKV		533	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	9.66%	NA	2002	20.2	36.16	Expose/Verify, DIMP/TIMP	2018-2028
187456	6" Bangor H.P. Line	250	3		794	620	413	720		413	X	X	VALID	6.625	0.188	52000	0.8	NO	NO	YES	8.47%	12.59%	2012	101.6	36.09	Accept Most Stringent Criteria	--
1577133	HPSS 1577133	250	3		1549	125	83	UNKV		83			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1987	124.1	35.84	Pressure Test/Replace	2024-2028
2000123	HPSS 2000123	250	3		1549	100	66	UNKV		66			UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	4.84%	4.84%	1985	63.0	35.84	Pressure Test/Replace	2024-2028
2000421	HPSS 2000421	250	3		1549	125	83	UNKV		83			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1985	43.0	35.84	Pressure Test/Replace	2024-2028
2001203	HPSS 2001203	250	3		1549	90	60	UNKV		60			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1987	176.2	35.84	Pressure Test/Replace	2024-2028
2001204	HPSS 2001204	250	3		1549	90	60	UNKV		60			UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	4.84%	4.84%	1987	262.3	35.84	Pressure Test/Replace	2024-2028
2001521	HPSS 2001521	250	3		1549	120	80	UNKV		80			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1985	67.1	35.84	Pressure Test/Replace	2024-2028
2043450	HPSS 2043450	250	3		1549	125	83	UNKV		83			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1985	93.2	35.84	Pressure Test/Replace	2024-2028
2043464	HPSS 2043464	250	3		1549	125	83	UNKV		83			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1985	66.1	35.84	Pressure Test/Replace	2024-2028
1950240	HPSS 1950240	170	3		1549	120	80	UNKV		80			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.29%	NA	1982	89.1	35.79	Pressure Test/Replace	2024-2028
4423210748	HPSS 4423210748	170	3		1549	120	80	UNKV		80			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.29%	NA	1984	109.1	35.79	Pressure Test/Replace	2024-2028
1700260	HPSS 1700260	144	3		1549	120	80	UNKV		80			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.79%	NA	1981	42.2	35.79	Addressed w/ 116 Segment	2020
23418	Inlet 008-R-025	144	3		1361	100	66	NA		66			UNVALID	2.375	0.154	35000	0.6	NO	NA	NA	3.17%	NA	1974	1.8	35.67	Addressed w/ 116 Segment	2020
1795150	HPSS 1795150	499	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	9.66%	9.66%	2003	67.7	35.66	Expose/Verify, DIMP/TIMP	2018-2028
1795153	HPSS 1795153	499	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	9.66%	NA	2003	33.7	35.66	Expose/Verify, DIMP/TIMP	2018-2028
35330	Inlet 008-R-044	250	3		1361	600	400	1440		400	X	X	VALID	2.375	0.154	35000	0.6	NO	NO	YES	5.51%	5.51%	1987	19.5	35.51	Accept Most Stringent Criteria	--
173952	2" Belfair H.P. Line	499	3		1361	850	566	1440		566	X		UNVALID	2.375	0.154	35000	0.6	NO	NO	YES	10.99%	10.99%	2010	184.3	35.49	DIMP/TIMP, Missing 192.517	2018-2019
1950847	Inlet 008-R-111	170	3		933	600	400	1440		400	X	Service	VALID	1.05	0.113	24000	0.6	NO	YES	YES	3.29%	5.46%	1997	295.0	35.46	Accept Most Stringent Criteria	--
1577269	HPSS 1577269	250	3		1549	90	60	UNKV		60			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1988	120.1	35.34	Pressure Test/Replace	2024-2028
1577348	HPSS 1577348	250	3		1549	90	60	UNKV		60			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1988	118.1	35.34	Pressure Test/Replace	2024-2028
2000124	HPSS 2000124	250	3		1549	120	80	UNKV		80			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1988	103.1	35.34	Pressure Test/Replace	2024-2028
2000131	HPSS 2000131	250	3		1549	90	60	UNKV		60			UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	4.84%	4.84%	1988	195.2	35.34	Pressure Test/Replace	2024-2028
2000136	HPSS 2000136	250	3		1549	125	83	UNKV		83			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1986	69.1	35.34	Pressure Test/Replace	2024-2028
2001516	HPSS 2001516	250	3		1549	90	60	UNKV		60			UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	4.84%	4.84%	1988	405.0	35.34	Pressure Test/Replace	2024-2028
2001531	HPSS 2001531	250	3		1549	90	60	UNKV		60			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1988	138.1	35.34	Pressure Test/Replace	2024-2028
2001663	HPSS 2001663	250	3		1549	120	80	UNKV		80			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1986	48.0	35.34	Pressure Test/Replace	2024-2028
2001669	HPSS 2001669	250	3		1549	90	60	UNKV		60			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1988	135.1	35.34	Pressure Test/Replace	2024-2028
2001680	HPSS 2001680	250	3		1549	125	83	UNKV		83			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1986	51.4	35.34	Pressure Test/Replace	2024-2028
1578403	HPSS 1578403	250	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1986	143.1	35.34	Expose/Verify, DIMP/TIMP	2018-2028
1700304	HPSS 1700304	144	3		1549	120	80	UNKV		80			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.79%	NA	1982	40.0	35.29	Addressed w/ 116 Segment	2020
1795142	HPSS 1795142	499	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	9.66%	NA	2004	18.4	35.16	Expose/Verify, DIMP/TIMP	2018-2028
60123	Inlet 008-R-119	250	3		933	750	500	1440		500	X	X	VALID	2.375	0.154	35000	0.6	NO	YES	YES	5.51%	8.03%	2001	81.1	35.03	Accept Most Stringent Criteria	--
35852	Inlet 008-R-038	250	3		1361	600	400	1440		400	X		UNVALID	2.375	0.154	35000	0.6	NO	NO	YES	5.51%	5.51%	1988	10.0	35.01	DIMP/TIMP, Missing 192.517	2018-2019

Work Order #	Segment Name	Existing MAOP (psig)	Class Location (1,2,3,4)	Uprate (YES/NO)	Design Pressure 192.619 (a) (1) (psig)	Test Pressure (psig)	Test Pressure 192.619 (a) (2) (psig)	Pressure Class Rating (psig)	Hi-5 Pressure (psig) 192.619 (a) (3)	MAOP per 192.619 (psig)	Meets 192.619	Meets 192.517	MAOP Designation	Max Outside Diameter, OD1 (inches)	Min Wall Thickness, WT1 (inches)	Min SMYS, SMYS1 (psig)	Min Longitudinal Joint Factor, E1 (E)	Unknown Pressure Rated Fitting (YES/NO)	Fittings w/ Assumed SMYS (YES/NO)	Fittings w/ Assumed Joint Factor (YES/NO)	Max Pipe % SMYS	Max Fitting % SMYS	Install Date (Year)	Pipe Length (Feet)	Total Score	Action Plan	Action Year
1578397	HPSS 1578397	250	3		1549	90	60	UNKV		60			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1989	120.1	34.84	Pressure Test/Replace	2024-2028
1578398	HPSS 1578398	250	3		1549	90	60	UNKV		60			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1989	150.1	34.84	Pressure Test/Replace	2024-2028
1578402	HPSS 1578402	250	3		1549	90	60	NA		60			UNVALID	1.05	0.113	24000	0.6	NO	NA	NA	4.84%	NA	1989	200.3	34.84	Pressure Test/Replace	2024-2028
2000115	HPSS 2000115	250	3		1549	90	60	UNKV		60			UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	4.84%	4.84%	1989	302.3	34.84	Pressure Test/Replace	2024-2028
2000122	HPSS 2000122	250	3		1549	90	60	UNKV		60			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1989	113.1	34.84	Pressure Test/Replace	2024-2028
2000215	HPSS 2000235	250	3		1549	90	60	UNKV		60			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1987	21.8	34.84	Pressure Test/Replace	2024-2028
2000441	HPSS 2000441	250	3		1549	90	60	UNKV		60			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1987	89.1	34.84	Pressure Test/Replace	2024-2028
2001382	HPSS 2001382	250	3		1549	120	80	UNKV		80			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1989	117.9	34.84	Pressure Test/Replace	2024-2028
2001386	HPSS 2001386	250	3		1549	90	60	UNKV		60			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1989	104.1	34.84	Pressure Test/Replace	2024-2028
2001388	HPSS 2001388	250	3		1549	90	60	UNKV		60			UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	4.84%	4.84%	1989	100.1	34.84	Pressure Test/Replace	2024-2028
2001502	HPSS 2001502	250	3		1549	90	60	UNKV		60			UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	4.84%	4.84%	1989	238.2	34.84	Pressure Test/Replace	2024-2028
2001768	HPSS 2001768	250	3		1549	90	60	NA		60			UNVALID	1.05	0.113	24000	0.6	NO	NA	NA	4.84%	NA	1989	322.3	34.84	Pressure Test/Replace	2024-2028
1577264	HPSS 1577264	250	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1985	47.0	34.84	Expose/Verify, DIMP/TIMP	2018-2028
2001470	HPSS 2001470	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1987	200.2	34.84	Expose/Verify, DIMP/TIMP	2018-2028
1795143	HPSS 1795143	499	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	9.66%	NA	2005	20.3	34.66	Expose/Verify, DIMP/TIMP	2018-2028
52967	Inlet 008-R-051	250	3		877	750	500	720		500	X	X	VALID	4.5	0.188	35000	0.6	NO	NO	YES	8.55%	6.78%	1997	129.2	34.55	Accept Most Stringent Criteria	--
36728	Inlet 008-R-060	250	3		1361	600	400	1440		400	X	X	VALID	2.375	0.154	35000	0.6	NO	NO	YES	5.51%	5.51%	1989	15.5	34.51	Accept Most Stringent Criteria	--
37412	Inlet 008-R-046	250	3		1361	600	400	1440		400	X	X	VALID	2.375	0.154	35000	0.6	NO	NA	NA	5.51%	NA	1989	93.7	34.51	Accept Most Stringent Criteria	--
38084	Main Stub	250	3		1361	600	400	1440		400	X	X	VALID	2.375	0.154	35000	0.6	NO	NA	NA	5.51%	NA	1989	1.0	34.51	Accept Most Stringent Criteria	--
37000	Inlet 008-R-054	250	3		1361	600	400	1440		400	X		UNVALID	2.375	0.154	35000	0.6	NO	NA	NA	5.51%	NA	1989	54.1	34.51	DIMP/TIMP, Missing 192.517	2018-2019
2000118	HPSS 2000118	250	3		1549	90	60	UNKV		60			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1990	195.2	34.34	Pressure Test/Replace	2024-2028
2000126	HPSS 2000126	250	3		1549	90	60	UNKV		60			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1988	66.2	34.34	Pressure Test/Replace	2024-2028
2001062	HPSS 2001062	250	3		1549	90	60	UNKV		60			UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	4.84%	4.84%	1990	239.2	34.34	Pressure Test/Replace	2024-2028
2001081	HPSS 2001081	250	3		1549	90	60	UNKV		60			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1990	100.1	34.34	Pressure Test/Replace	2024-2028
2001105	HPSS 2001105	250	3		1549	90	60	UNKV		60			UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	4.84%	4.84%	1990	264.3	34.34	Pressure Test/Replace	2024-2028
2001451	HPSS 2001451	250	3		1549	90	60	UNKV		60			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1990	103.1	34.34	Pressure Test/Replace	2024-2028
2001532	HPSS 2001532	250	3		1549	90	60	UNKV		60			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1990	158.1	34.34	Pressure Test/Replace	2024-2028
2001667	HPSS 2001667	250	3		1549	90	60	UNKV		60			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1988	80.1	34.34	Pressure Test/Replace	2024-2028
1578404	HPSS 1578404	250	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1986	25.0	34.34	Expose/Verify, DIMP/TIMP	2018-2028
1795146	HPSS 1795146	499	3		1549	1080	720	UNKV		720	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	9.66%	NA	2006	51.0	34.16	Expose/Verify, DIMP/TIMP	2018-2028
1795160	HPSS 1795160	499	3		1549	800	533	UNKV		533	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	9.66%	NA	2006	5.0	34.16	Expose/Verify, DIMP/TIMP	2018-2028
53129	6" Port Orchard H.P. Loop Line	170	3		794	750	500	NA		500	X	X	VALID	6.625	0.188	35000	0.8	NO	NO	YES	8.56%	5.75%	1998	469.0	34.06	Accept Most Stringent Criteria	--
39462	Inlet 008-R-072	250	3		1361	600	400	1440		400	X	X	VALID	2.375	0.154	35000	0.6	NO	NO	YES	5.51%	5.51%	1990	67.4	34.01	Accept Most Stringent Criteria	--
39584	Inlet 008-R-073	250	3		1361	600	400	1440		400	X	X	VALID	2.375	0.154	35000	0.6	NO	NA	NA	5.51%	NA	1990	25.0	34.01	Accept Most Stringent Criteria	--
41154	Inlet 008-R-084	250	3		1361	600	400	1440		400	X	X	VALID	2.375	0.154	35000	0.6	NO	NA	NA	5.51%	NA	1992	108.2	34.01	Accept Most Stringent Criteria	--
41056	Inlet 008-R-058	250	3		1361	600	400	1440		400	X		UNVALID	2.375	0.154	35000	0.6	NO	NO	YES	5.51%	5.51%	1992	119.1	34.01	DIMP/TIMP, Missing 192.517	2018-2019
1536104	Service Stub	170	3		933	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	3.29%	5.46%	1998	32.0	33.96	Expose/Verify, DIMP/TIMP	2018-2028
1577131	HPSS 1577131	250	3		1549	90	60	UNKV		60			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1991	128.1	33.84	Pressure Test/Replace	2024-2028
2000105	HPSS 2000105	250	3		1549	90	60	NA		60			UNVALID	1.05	0.113	24000	0.6	NO	NA	NA	4.84%	NA	1991	109.0	33.84	Pressure Test/Replace	2024-2028
2000107	HPSS 2000107	250	3		1549	90	60	UNKV		60			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1991	101.1	33.84	Pressure Test/Replace	2024-2028
2000423	HPSS 2000423	250	3		1549	90	60	UNKV		60			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1991	104.1	33.84	Pressure Test/Replace	2024-2028
2000440	HPSS 2000440	250	3		1549	90	60	UNKV		60			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1991	115.0	33.84	Pressure Test/Replace	2024-2028
2000443	HPSS 2000443	250	3		1549	90	60	UNKV		60			UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	4.84%	4.84%	1989	35.5	33.84	Pressure Test/Replace	2024-2028
2000600	HPSS 2000600	250	3		1549	90	60	UNKV		60			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1991	143.1	33.84	Pressure Test/Replace	2024-2028
2001202	HPSS 2001202	250	3		1549	90	60	UNKV		60			UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	4.84%	4.84%	1989	99.1	33.84	Pressure Test/Replace	2024-2028
2001340	HPSS 2001340	250	3		1549	90	60	UNKV		60			UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	4.84%	4.84%	1991	111.1	33.84	Pressure Test/Replace	2024-2028
2001389	HPSS 2001389	250	3		1549	90	60	UNKV		60			UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	4.84%	4.84%	1991	165.0	33.84	Pressure Test/Replace	2024-2028
2001441	HPSS 2001441	250	3		1549	90	60	UNKV		60			UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	4.84%	4.84%	1989	97.0	33.84	Pressure Test/Replace	2024-2028
2001490	HPSS 2001490	250	3		1549	90	60	UNKV		60			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1991	217.2	33.84	Pressure Test/Replace	2024-2028
2001526	HPSS 2001526	250	3		1549	90	60	UNKV		60			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1991	238.2	33.84	Pressure Test/Replace	2024-2028
2001527	HPSS 2001527	250	3		1549	90	60	UNKV		60			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1991	164.2	33.84	Pressure Test/Replace	2024-2028
2001653	HPSS 2001653	250	3		1549	90	60	UNKV		60			UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	4.84%	4.84%	1989	48.8	33.84	Pressure Test/Replace	2024-2028
2001760	HPSS 2001760	250	3		1549	90	60	NA		60			UNVALID	1.05	0.113	24000	0.6	NO	NA	NA	4.84%	NA	1989	13.0	33.84	Pressure Test/Replace	2024-2028
2043468	HPSS 2043468	250	3		1549	90	60	UNKV		60			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1991	133.1	33.84	Pressure Test/Replace	2024-2028
2000425	HPSS 2000425	250	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	4.84%	4.84%	1989	125.1	33.84	Expose/Verify, DIMP/TIMP	2018-2028
2001765	Inlet 008-R-138	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1987	39.0	33.84	Expose/Verify, DIMP/TIMP	2018-2028
2001767	HPSS 2001767	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1989	281.3	33.84	Expose/Verify, DIMP/TIMP	2018-2028
1795157	HPSS 1795157	499	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	9.66%	NA	2007	15.3	33.66	Expose/Verify, DIMP/TIMP	2018-2028
1795161	HPSS 1795161	499	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	9.66%	9.66%	2007	26.0	33.66	Expose/Verify, DIMP/TIMP	2018-2028
1950816	HPSS 1950816	499	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	9.66%	NA	2007	15.0	33.66	Expose/Verify, DIMP/TIMP	2018-2028
35998	Inlet 008-R-047	250	3		1361	600	400	1440		400	X	X	VALID	2.375	0.154	35000	0.6	NO	NA	NA	5.51%	NA	1991	81.0	33.51	Accept Most Stringent Criteria	--
39160	Inlet 008-R-079	250	3		1361	600	400	1440		400	X	X	VALID	2.375	0.154	35000	0.6	NO	NA	NA	5.51%	NA	1991	10.0	33.51	Accept Most Stringent Criteria	--
1578401	Inlet 008-R-133	250	3		1549	90	60	1440		60			UNVALID	1.05	0.113	24000	0.6	NO	YES	YES	4.84%	4.84%	1990	70.2	33.34	Pressure Test/Replace	2024-2028
2000117	HPSS 2000117	250	3		1549	90	60	UNKV		60			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1990	31.0	33.34	Pressure Test/Replace	2024-2028
2000121	HPSS 2000121	250	3		1549	90	60	UNKV		60			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1990	52.0	33.34	Pressure Test/Replace	2024-2028
2000457	HPSS 2000457	250	3		1549	90	60	UNKV		60			UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	4.84%	4.84%	1990	93.1	33.34	Pressure Test/Replace	2024-2028
2001078	HPSS 2001078	250	3		1549	90	60	NA		60			UNVALID	1.05	0.113	24000	0.6	NO	NA	NA	4.84%	NA	1992	162.2	33.34	Pressure Test/Replace	2024-2028
2001786	HPSS 2001786	250	3		1549	90	60	UNKV		60			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1992	133.0	33.34	Pressure Test/Replace	2024-2028
175967	Inlet 008-R-143	250	3		1549	600	400	UNKV		400	X		UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	4.84%	4.84%	1988	42.0	33.34	Expose/Verify, DIMP/TIMP	2018-2028
2000116	HPSS 2000116	250	3		1549	500	333	UNKV		333	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	4.84%	4.84%	1990	226.0	33.34	Expose/Verify, DIMP/TIMP	2018-2028
2044927	HPSS 2044927	250	3		1193	750	500	UNKV		500	X	Service	UNVALID	1.315	0.109	24000	0.6	YES	NA	NA	6.28%	NA	2001	40.2	33.28	Expose/Verify, DIMP/TIMP	2018-2028
1795154	HPSS 1795154	499	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	9.66%	NA	2008	35.7	33.16	Expose/Verify, DIMP/TIMP	2018-2028
41028	Inlet 008-R-044	250	3		1361	600	400	720		400	X	X	VALID	2.375	0.154	35000	0.6	NO	NO	YES	5.51%	5.51%	1992	61.9	33.01	Accept Most Stringent Criteria	--
41030	Inlet 008-R-045	250	3		1361	600	400	1440		400	X	X	VALID	2.375	0.154	35000	0.6	NO	NO	YES	5.51%	5.51%	1992	16.3	33.01	Accept Most Stringent Criteria	--
41032	Inlet 008-R-046	250	3		1361	600	400	1440		400	X	X	VALID	2.375	0.154	35000	0.6	NO	NO	YES	5.51%	5.51%	1992	22.7	33.01	Accept Most Stringent Criteria	--
41034	Inlet 008-R-047	250	3		1361	600	400	1440		400	X	X	VALID	2.375	0.154	35000	0.6	NO	NO	YES	5.51%	5.51%	1992	12.0	33.01	Accept Most Stringent Criteria	--
41040	Inlet 008-R-050	250	3		1361	600	400	1440		400	X	X	VALID	2.375	0.154	35000	0.6	NO	NO	YES	5.51%	5.51%	1992	18.0	33.01	Accept Most Stringent Criteria	--
43557	Inlet 008-R-096	250	3		1361	600	400	1440		400	X	X	VALID	2.375	0.154	35000	0.6	NO	NO	YES	5.51%	5.51%	1994	125.3	33.01	Accept Most Stringent Criteria	--
45087	Inlet 008-R-099	250	3		1361	600	400	1440		400	X	X	VALID	2.375	0.154	35000	0.6	NO	NO	YES	5.51%	5.51%	1994	104.2	33.01	Accept Most Stringent Criteria	--
41049	Inlet 008-R-055	250	3		1361	600	400	NA		400	X	X	VALID	1.05	0.113	35000	0.6	NO	NO	YES	3.32%	5.51%	1992	12.5	33.01	Accept Most Stringent Criteria	--
41038	Inlet 008-R-049	250	3		1361	600	400	720		400	X	X	VALID	2.375	0.154	35000	0.6	NO	NO	YES	5.51%	5.51%	1992	20.0	33.01	Accept Most Stringent Criteria	--
41313	Inlet 008-R-085	250	3		1361	600	400	1440		400	X	X	VALID	2.375	0.154	35000	0.6	NO	NA	NA	5.51%	NA	1992	56.0	33.01	Accept Most Stringent Criteria	--
41347	Inlet 008-R-086	250	3		1361	600	400	1440		400	X	X	VALID	2.375	0.154	35000	0.6	NO	NA	NA	5.51%	NA	1992	18.7	33.01	Accept Most Stringent Criteria	--

Work Order #	Segment Name	Existing MAOP (psig)	Class Location (1,2,3,4)	Uprate (YES/NO)	Design Pressure 192.619 (a) (1) (psig)	Test Pressure (psig)	Test Pressure 192.619 (a) (2) (psig)	Pressure Class Rating (psig)	Hi-5 Pressure (psig) 192.619 (a) (3)	MAOP per 192.619 (psig)	Meets 192.619	Meets 192.517	MAOP Designation	Max Outside Diameter, OD1 (inches)	Min Wall Thickness, WT1 (inches)	Min SMYS, SMYS1 (psig)	Min Longitudinal Joint Factor, E1 (E)	Unknown Pressure Rated Fitting (YES/NO)	Fittings w/ Assumed SMYS (YES/NO)	Fittings w/ Assumed Joint Factor (YES/NO)	Max Pipe % SMYS	Max Fitting % SMYS	Install Date (Year)	Pipe Length (Feet)	Total Score	Action Plan	Action Year
41971	Inlet 008-R-087	250	3		1361	600	400	1440		400	X	X	VALID	2.375	0.154	35000	0.6	NO	NA	NA	5.51%	NA	1992	22.2	33.01	Accept Most Stringent Criteria	--
42141	Inlet 008-R-089	250	3		1361	600	400	1440		400	X	X	VALID	2.375	0.154	35000	0.6	NO	NA	NA	5.51%	NA	1992	31.2	33.01	Accept Most Stringent Criteria	--
42392	Inlet 008-R-091	250	3		1361	600	400	1440		400	X	X	VALID	2.375	0.154	35000	0.6	NO	NO	YES	5.51%	5.51%	1992	26.0	33.01	Accept Most Stringent Criteria	--
41073	Inlet 008-R-066	250	3		1361	600	400	UNKV		400	X		UNVALID	2.375	0.154	35000	0.6	YES	NO	YES	5.51%	5.51%	1992	10.3	33.01	Expose/Verify, DIMP/TIMP	2018-2028
41036	Inlet 008-R-048	250	3		1361	600	400	1440		400	X		UNVALID	2.375	0.154	35000	0.6	NO	NO	YES	5.51%	5.51%	1992	64.1	33.01	DIMP/TIMP, Missing 192.517	2018-2019
41046	Inlet 008-R-053	250	3		1361	600	400	1440		400	X		UNVALID	2.375	0.154	35000	0.6	NO	NO	YES	5.51%	5.51%	1992	13.5	33.01	DIMP/TIMP, Missing 192.517	2018-2019
41048	Inlet 008-R-054	250	3		1361	600	400	NA		400	X		UNVALID	2.375	0.154	35000	0.6	NO	NO	YES	5.51%	5.51%	1992	11.0	33.01	DIMP/TIMP, Missing 192.517	2018-2019
41052	Inlet 008-R-056	250	3		1361	600	400	1440		400	X		UNVALID	2.375	0.154	35000	0.6	NO	NO	YES	5.51%	5.51%	1992	17.4	33.01	DIMP/TIMP, Missing 192.517	2018-2019
41054	Inlet 008-R-057	250	3		1361	600	400	1440		400	X		UNVALID	2.375	0.154	35000	0.6	NO	NO	YES	5.51%	5.51%	1992	24.2	33.01	DIMP/TIMP, Missing 192.517	2018-2019
41058	Inlet 008-R-059	250	3		1361	600	400	1440		400	X		UNVALID	2.375	0.154	35000	0.6	NO	NO	YES	5.51%	5.51%	1992	10.0	33.01	DIMP/TIMP, Missing 192.517	2018-2019
41062	Inlet 008-R-061	250	3		1361	600	400	1440		400	X		UNVALID	2.375	0.154	35000	0.6	NO	NO	YES	5.51%	5.51%	1992	36.0	33.01	DIMP/TIMP, Missing 192.517	2018-2019
41064	Inlet 008-R-062	250	3		1361	600	400	1440		400	X		UNVALID	2.375	0.154	35000	0.6	NO	NO	YES	5.51%	5.51%	1992	7.0	33.01	DIMP/TIMP, Missing 192.517	2018-2019
41066	Inlet 008-R-063	250	3		1361	600	400	1440		400	X		UNVALID	2.375	0.154	35000	0.6	NO	NO	YES	5.51%	5.51%	1992	14.1	33.01	DIMP/TIMP, Missing 192.517	2018-2019
41079	Inlet 008-R-069	250	3		1361	600	400	1440		400	X		UNVALID	2.375	0.154	35000	0.6	NO	NO	YES	5.51%	5.51%	1992	36.0	33.01	DIMP/TIMP, Missing 192.517	2018-2019
41083	Inlet 008-R-071	250	3		1361	600	400	1440		400	X		UNVALID	2.375	0.154	35000	0.6	NO	NO	YES	5.51%	5.51%	1992	24.0	33.01	DIMP/TIMP, Missing 192.517	2018-2019
41085	Inlet 008-R-072	250	3		1361	600	400	720		400	X		UNVALID	2.375	0.154	35000	0.6	NO	NO	YES	5.51%	5.51%	1992	38.9	33.01	DIMP/TIMP, Missing 192.517	2018-2019
41087	Inlet 008-R-073	250	3		1361	600	400	1440		400	X		UNVALID	2.375	0.154	35000	0.6	NO	NO	YES	5.51%	5.51%	1992	22.5	33.01	DIMP/TIMP, Missing 192.517	2018-2019
41094	Inlet 008-R-076	250	3		1361	600	400	NA		400	X		UNVALID	2.375	0.154	35000	0.6	NO	NO	YES	5.51%	5.51%	1992	5.3	33.01	DIMP/TIMP, Missing 192.517	2018-2019
41096	Inlet 008-R-148	250	3		1361	600	400	1440		400	X		UNVALID	2.375	0.154	35000	0.6	NO	NO	YES	5.51%	5.51%	1992	15.5	33.01	DIMP/TIMP, Missing 192.517	2018-2019
41100	Inlet 008-R-079	250	3		1361	600	400	1440		400	X		UNVALID	2.375	0.154	35000	0.6	NO	NO	YES	5.51%	5.51%	1992	14.0	33.01	DIMP/TIMP, Missing 192.517	2018-2019
41104	Inlet 008-R-081	250	3		1361	600	400	1440		400	X		UNVALID	2.375	0.154	35000	0.6	NO	NO	YES	5.51%	5.51%	1992	33.0	33.01	DIMP/TIMP, Missing 192.517	2018-2019
41060	Inlet 008-R-060	250	3		1361	600	400	1440		400	X		UNVALID	2.375	0.154	35000	0.6	NO	NO	YES	5.51%	5.51%	1992	3.0	33.01	DIMP/TIMP, Missing 192.517	2018-2019
41071	Inlet 008-R-065	250	3		1361	600	400	1440		400	X		UNVALID	2.375	0.154	35000	0.6	NO	NO	YES	5.51%	5.51%	1992	32.5	33.01	DIMP/TIMP, Missing 192.517	2018-2019
41075	Inlet 008-R-067	250	3		1361	600	400	1440		400	X		UNVALID	2.375	0.154	35000	0.6	NO	NO	YES	5.51%	5.51%	1992	2.0	33.01	DIMP/TIMP, Missing 192.517	2018-2019
41089	Inlet 008-R-074	250	3		1361	600	400	1440		400	X		UNVALID	2.375	0.154	35000	0.6	NO	NO	YES	5.51%	5.51%	1992	12.0	33.01	DIMP/TIMP, Missing 192.517	2018-2019
1577152	HPSS 1577152	250	3		1549	90	60	UNKV		60			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1993	183.2	32.84	Pressure Test/Replace	2024-2028
1578396	HPSS 1578396	250	3		1549	90	60	UNKV		60			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1991	40.0	32.84	Pressure Test/Replace	2024-2028
1578408	HPSS 1578408	250	3		1549	90	60	NA		60			UNVALID	1.05	0.113	24000	0.6	NO	NA	NA	4.84%	NA	1991	43.0	32.84	Pressure Test/Replace	2024-2028
2000110	HPSS 2000110	250	3		1549	90	60	UNKV		60			UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	4.84%	4.84%	1991	63.1	32.84	Pressure Test/Replace	2024-2028
2000111	HPSS 2000111	250	3		1549	90	60	UNKV		60			UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	4.84%	4.84%	1991	70.0	32.84	Pressure Test/Replace	2024-2028
2000113	HPSS 2000113	250	3		1549	90	60	UNKV		60			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1991	35.0	32.84	Pressure Test/Replace	2024-2028
2000422	HPSS 2000422	250	3		1549	100	1	NA		1			UNVALID	1.05	0.113	24000	0.6	NO	NA	NA	4.84%	NA	1991	12.0	32.84	Pressure Test/Replace	2024-2028
2001117	HPSS 2001117	250	3		1549	90	60	NA		60			UNVALID	1.05	0.113	24000	0.6	NO	NA	NA	4.84%	NA	1991	35.0	32.84	Pressure Test/Replace	2024-2028
2001456	HPSS 2001456	250	3		1549	90	60	UNKV		60			UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	4.84%	4.84%	1991	64.1	32.84	Pressure Test/Replace	2024-2028
2001534	HPSS 2001534	250	3		1549	90	60	UNKV		60			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1991	65.1	32.84	Pressure Test/Replace	2024-2028
2001536	HPSS 2001536	250	3		1549	90	60	NA		60			UNVALID	1.05	0.113	24000	0.6	NO	NA	NA	4.84%	NA	1991	40.0	32.84	Pressure Test/Replace	2024-2028
2001668	HPSS 2001668	250	3		1549	90	60	UNKV		60			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1991	85.0	32.84	Pressure Test/Replace	2024-2028
2001670	HPSS 2001670	250	3		1549	90	60	UNKV		60			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1991	98.1	32.84	Pressure Test/Replace	2024-2028
2001791	HPSS 2001791	250	3		1549	90	60	UNKV		60			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1991	50.1	32.84	Pressure Test/Replace	2024-2028
2001517	HPSS 2001517	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1989	14.0	32.84	Expose/Verify, DIMP/TIMP	2018-2028
2001751	HPSS 2001751	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1989	63.1	32.84	Expose/Verify, DIMP/TIMP	2018-2028
2043451	HPSS 2043451	250	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1991	113.2	32.84	Expose/Verify, DIMP/TIMP	2018-2028
45440 (V-128)	008-V-128	170	3		877	750	500	720		500	X	X	VALID	4.5	0.188	35000	0.6	NO	NO	YES	5.81%	4.61%	1993	4.0	32.81	Accept Most Stringent Criteria	--
49712	6" Port Orchard H.P. Loop Line (Inlet to 008-R-109)	170	3		877	860	573	720		573	X	X	VALID	4.5	0.188	35000	0.6	NO	NA	NA	5.81%	NA	1995	426.4	32.81	Accept Most Stringent Criteria	--
1510048	HPSS 1510048	170	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	3.29%	3.29%	1986	24.9	32.79	Expose/Verify, DIMP/TIMP	2018-2028
1700806	HPSS 1700806	144	3		1549	225	150	UNKV		150	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.79%	NA	1985	52.0	32.79	Expose/Verify, DIMP/TIMP	2018-2028
44659	Inlet 008-R-074	250	3		1361	750	500	1440		500	X		UNVALID	2.375	0.154	35000	0.6	NO	NO	YES	5.51%	5.51%	1993	14.2	32.51	DIMP/TIMP, Missing 192.517	2018-2019
1577292	HPSS 1577292	250	3		1549	90	60	UNKV		60			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1994	113.1	32.34	Pressure Test/Replace	2024-2028
2000199	HPSS 2000199	250	3		1549	90	60	UNKV		60			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1992	81.1	32.34	Pressure Test/Replace	2024-2028
1577200	HPSS 1577200	250	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1990	28.0	32.34	Expose/Verify, DIMP/TIMP	2018-2028
2000409	HPSS 2000409	250	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1992	255.2	32.34	Expose/Verify, DIMP/TIMP	2018-2028
2000424	HPSS 2000424	250	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1992	102.0	32.34	Expose/Verify, DIMP/TIMP	2018-2028
2001101	HPSS 2001101	250	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1990	40.0	32.34	Expose/Verify, DIMP/TIMP	2018-2028
2001459	HPSS 2001459	250	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	4.84%	4.84%	1992	122.1	32.34	Expose/Verify, DIMP/TIMP	2018-2028
2001519	HPSS 2001519	250	3		1549	700	466	UNKV		466	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	4.84%	4.84%	1990	85.0	32.34	Expose/Verify, DIMP/TIMP	2018-2028
2001538	HPSS 2001538	250	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1992	146.1	32.34	Expose/Verify, DIMP/TIMP	2018-2028
2001541	HPSS 2001541	250	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1992	237.3	32.34	Expose/Verify, DIMP/TIMP	2018-2028
2001547	HPSS 2001547	250	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	4.84%	4.84%	1992	205.1	32.34	Expose/Verify, DIMP/TIMP	2018-2028
2001753	HPSS 2001753	250	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1992	158.2	32.34	Expose/Verify, DIMP/TIMP	2018-2028
218304	Inlet 008-R-137	250	3		1549	600	400	NA		400	X		UNVALID	1.05	0.113	24000	0.6	NO	YES	YES	4.84%	4.84%	1990	54.0	32.34	DIMP/TIMP, Missing 192.517	2018-2019
47657	Inlet 008-R-032	170	3		877	750	500	720		500	X		UNVALID	4.5	0.188	35000	0.6	NO	NO	YES	5.81%	4.61%	1994	10.6	32.31	DIMP/TIMP, Missing 192.517	2018-2019
7722217496	HPSS 7722217496	250	3		1193	94	1	UNKV		1			UNVALID	1.315	0.109	24000	0.6	YES	YES	YES	6.28%	4.84%	2013	25.0	32.28	Pressure Test/Replace	2024-2028
46593	Inlet 008-R-103	250	3		1361	600	400	1440		400	X	X	VALID	2.375	0.154	35000	0.6	NO	NO	YES	5.51%	5.51%	1994	28.0	32.01	Accept Most Stringent Criteria	--
2000184	HPSS 2000184	250	3		1549	100	66	UNKV		66			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1995	217.2	31.84	Pressure Test/Replace	2024-2028
1577212	HPSS 1577212	250	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1993	157.0	31.84	Expose/Verify, DIMP/TIMP	2018-2028
1578399	HPSS 1578399	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1991	14.0	31.84	Expose/Verify, DIMP/TIMP	2018-2028
1578416	HPSS 1578416	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1993	219.2	31.84	Expose/Verify, DIMP/TIMP	2018-2028
1700752	HPSS 1700752	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1993	119.1	31.84	Expose/Verify, DIMP/TIMP	2018-2028
2001390	HPSS 2001390	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	4.84%	4.84%	1993	164.2	31.84	Expose/Verify, DIMP/TIMP	2018-2028
2001453	HPSS 2001453	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	4.84%	4.84%	1993	206.2	31.84	Expose/Verify, DIMP/TIMP	2018-2028
2001544	HPSS 2001544	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1993	210.2	31.84	Expose/Verify, DIMP/TIMP	2018-2028
2043469	HPSS 2043469	250	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1993	149.1	31.84	Expose/Verify, DIMP/TIMP	2018-2028
1950948	Service Stub	170	3		1549	110	73	UNKV		73			UNVALID	NA	NA	NA	NA	YES	YES	YES	NA	3.29%	1990	15.0	31.79	Pressure Test/Replace	2024-2028
1510083	HPSS 1510083	170	3		1549	90	60	UNKV		60			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.29%	NA	1990	35.0	31.79	Pressure Test/Replace	2024-2028
1700321	HPSS 1700321	144	3		1549	95	63	UNKV		63			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.79%	NA	1991	140.1	31.79	Addressed w/ 116 Segment	2020
1700438	HPSS 1700438	144	3		1549	225	150	UNKV		150	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.79%	NA	1987	29.0	31.79	Expose/Verify, DIMP/TIMP	2018-2028
3671839373	HPSS 3671839373	250	3		1193	760	1	UNKV		1			UNVALID	1.315	0.109	24000	0.6	YES	NA	NA	6.28%	NA	2014	17.0	31.78	Pressure Test/Replace	2024-2028
49477	Inlet 008-R-108	250	3		1361	750	500	1440		500	X	X	VALID	2.375	0.154	35000	0.6	NO	NO	YES	5.51%	5.51%	1995	19.4	31.51	Accept Most Stringent Criteria	--
48279	Inlet 008-R-105	250	3		1361	600	400	1440		400	X	X	VALID	2.375	0.154	35000	0.6	NO	NA	NA	5.51%	NA	1995	25.0	31.51	Accept Most Stringent Criteria	--
218305	Inlet 008-R-130	250	3		1549	600	400	UNKV		400	X		UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	4.84%	4.84%	1992	51.1	31.34	Expose/Verify, DIMP/TIMP	2018-2028
1571100	HPSS 1571100	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1994	105.0	31.34	Expose/Verify, DIMP/TIMP	2018-2028
1577280	HPSS 1577280	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1994	154.1	31.34	Expose/Verify, DIMP/TIMP	2018-2028
1578356	HPSS 1578356	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1994	106.1	31.34	Expose/Verify, DIMP/TIMP	2018-2028

Work Order #	Segment Name	Existing MAOP (psig)	Class Location (1,2,3,4)	Uprate (YES/NO)	Design Pressure 192.619 (a) (1) (psig)	Test Pressure (psig)	Test Pressure 192.619 (a) (2) (psig)	Pressure Class Rating (psig)	Hi-5 Pressure (psig) 192.619 (a) (3)	MAOP per 192.619 (psig)	Meets 192.619	Meets 192.517	MAOP Designation	Max Outside Diameter, OD1 (inches)	Min Wall Thickness, WT1 (inches)	Min SMYS, SMYS1 (psig)	Min Longitudinal Joint Factor, E1 (E)	Unknown Pressure Rated Fitting (YES/NO)	Fittings w/ Assumed SMYS (YES/NO)	Fittings w/ Assumed Joint Factor (YES/NO)	Max Pipe % SMYS	Max Fitting % SMYS	Install Date (Year)	Pipe Length (Feet)	Total Score	Action Plan	Action Year
1578394	HPSS 1578394	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1994	145.1	31.34	Expose/Verify, DIMP/TIMP	2018-2028
2000100	HPSS 2000100	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1994	245.2	31.34	Expose/Verify, DIMP/TIMP	2018-2028
2000158	HPSS 2000158	250	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1992	96.0	31.34	Expose/Verify, DIMP/TIMP	2018-2028
2000174	HPSS 2000174	250	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	4.84%	4.84%	1992	36.1	31.34	Expose/Verify, DIMP/TIMP	2018-2028
2000411	HPSS 2000411	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1994	110.1	31.34	Expose/Verify, DIMP/TIMP	2018-2028
2001093	HPSS 2001093	250	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1992	95.1	31.34	Expose/Verify, DIMP/TIMP	2018-2028
2001352	HPSS 2001352	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1994	175.2	31.34	Expose/Verify, DIMP/TIMP	2018-2028
2001514	HPSS 2001514	250	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1992	70.1	31.34	Expose/Verify, DIMP/TIMP	2018-2028
2001515	HPSS 2001515	250	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1992	89.1	31.34	Expose/Verify, DIMP/TIMP	2018-2028
2001545	HPSS 2001545	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1994	113.1	31.34	Expose/Verify, DIMP/TIMP	2018-2028
1510085	HPSS 1510085	170	3		1549	95	63	UNKV		63			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.29%	NA	1991	90.1	31.29	Pressure Test/Replace	2024-2028
1700442	Service Stub	144	3		1549	90	60	NA		60			UNVALID	1.05	0.113	24000	0.6	NO	NA	NA	2.79%	NA	1990	3.0	31.29	Addressed w/ 116 Segment	2020
1700262	HPSS 1700262	144	3		1549	95	63	UNKV		63			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.79%	NA	1990	34.0	31.29	Addressed w/ 116 Segment	2020
1700441	HPSS 1700441	144	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.79%	NA	1988	25.0	31.29	Expose/Verify, DIMP/TIMP	2018-2028
33923	Stub on Inlet 008-R-035	170	3		1361	400	1	1440		1			UNVALID	2.375	0.154	35000	0.6	NO	NA	NA	3.75%	NA	1986	181.8	31.25	Pressure Test/Replace	2024-2028
B0080173	8" North Kitsap H.P. Line	250	3		1045	681	454	720		454	X		UNVALID	8.625	0.25	46000	0.8	NO	NO	YES	9.38%	9.57%	2006	118.1	31.07	DIMP/TIMP, Missing 192.517	2018-2019
2000095	HPSS 2000095	250	3		1549	120	80	NA		80			UNVALID	1.05	0.113	24000	0.6	NO	YES	YES	4.84%	4.84%	1995	42.2	30.84	Pressure Test/Replace	2024-2028
1571106	HPSS 1571106	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1995	128.4	30.84	Expose/Verify, DIMP/TIMP	2018-2028
1577279	HPSS 1577279	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1993	56.1	30.84	Expose/Verify, DIMP/TIMP	2018-2028
1578417	HPSS 1578417	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1993	26.0	30.84	Expose/Verify, DIMP/TIMP	2018-2028
1578428	HPSS 1578428	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1995	111.2	30.84	Expose/Verify, DIMP/TIMP	2018-2028
2000082	HPSS 2000082	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	4.84%	4.84%	1995	199.2	30.84	Expose/Verify, DIMP/TIMP	2018-2028
2000148	HPSS 2000148	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1993	77.1	30.84	Expose/Verify, DIMP/TIMP	2018-2028
2000177	HPSS 2000177	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	4.84%	4.84%	1993	72.4	30.84	Expose/Verify, DIMP/TIMP	2018-2028
2000207	HPSS 2000207	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	4.84%	4.84%	1995	125.1	30.84	Expose/Verify, DIMP/TIMP	2018-2028
2000416	HPSS 2000416	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	4.84%	4.84%	1995	193.2	30.84	Expose/Verify, DIMP/TIMP	2018-2028
2000419	HPSS 2000419	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	4.84%	4.84%	1993	77.1	30.84	Expose/Verify, DIMP/TIMP	2018-2028
2000420	HPSS 2000420	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	4.84%	4.84%	1995	108.0	30.84	Expose/Verify, DIMP/TIMP	2018-2028
2000430	HPSS 2000430	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	4.84%	4.84%	1995	123.1	30.84	Expose/Verify, DIMP/TIMP	2018-2028
2001391	HPSS 2001391	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1993	42.0	30.84	Expose/Verify, DIMP/TIMP	2018-2028
2001443	HPSS 2001443	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1995	111.1	30.84	Expose/Verify, DIMP/TIMP	2018-2028
2001504	HPSS 2001504	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	4.84%	4.84%	1995	103.1	30.84	Expose/Verify, DIMP/TIMP	2018-2028
2001513	HPSS 2001513	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1993	22.0	30.84	Expose/Verify, DIMP/TIMP	2018-2028
2001543	HPSS 2001543	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	4.84%	4.84%	1995	130.0	30.84	Expose/Verify, DIMP/TIMP	2018-2028
2001682	HPSS 2001682	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1995	116.1	30.84	Expose/Verify, DIMP/TIMP	2018-2028
2001695	HPSS 2001695	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1993	22.0	30.84	Expose/Verify, DIMP/TIMP	2018-2028
2001799	HPSS 2001799	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1993	65.0	30.84	Expose/Verify, DIMP/TIMP	2018-2028
2043439	HPSS 2043439	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1995	146.1	30.84	Expose/Verify, DIMP/TIMP	2018-2028
2043671	HPSS 2043671	250	3		1549	650	433	UNKV		433	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1995	190.2	30.84	Expose/Verify, DIMP/TIMP	2018-2028
1951004	HPSS 1951004	170	3		1549	500	333	UNKV		333	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.29%	NA	1990	13.3	30.79	Expose/Verify, DIMP/TIMP	2018-2028
1700285	HPSS 1700285	144	3		1549	90	60	UNKV		60			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.79%	NA	1991	30.0	30.79	Addressed w/ 116 Segment	2020
1700423	HPSS 1700423	144	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	2.79%	2.79%	1991	135.0	30.79	Expose/Verify, DIMP/TIMP	2018-2028
2001908	HPSS 2001908	250	3		1549	100	66	UNKV		66			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1996	15.0	30.34	Pressure Test/Replace	2024-2028
1571108	HPSS 1571108	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1994	37.0	30.34	Expose/Verify, DIMP/TIMP	2018-2028
1571105	HPSS 1571119	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1994	13.8	30.34	Expose/Verify, DIMP/TIMP	2018-2028
1577136	Inlet 008-R-135	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1996	167.2	30.34	Expose/Verify, DIMP/TIMP	2018-2028
2000098	HPSS 2000098	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1994	76.1	30.34	Expose/Verify, DIMP/TIMP	2018-2028
2000468	HPSS 2000468	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	4.84%	4.84%	1994	85.0	30.34	Expose/Verify, DIMP/TIMP	2018-2028
2001032	HPSS 2001032	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1994	38.0	30.34	Expose/Verify, DIMP/TIMP	2018-2028
2001353	HPSS 2001353	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1994	15.0	30.34	Expose/Verify, DIMP/TIMP	2018-2028
2001552	HPSS 2001552	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1994	63.0	30.34	Expose/Verify, DIMP/TIMP	2018-2028
2001801	HPSS 2001801	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1994	89.1	30.34	Expose/Verify, DIMP/TIMP	2018-2028
1950972	Service Stub	170	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.29%	NA	1991	50.1	30.29	Expose/Verify, DIMP/TIMP	2018-2028
1950974	Service Stub	170	3		1549	650	433	UNKV		433	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.29%	NA	1991	1.0	30.29	Expose/Verify, DIMP/TIMP	2018-2028
1700322	HPSS 1700322	144	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.79%	NA	1990	17.1	30.29	Expose/Verify, DIMP/TIMP	2018-2028
54835	Inlet 008-R-116	250	3		1361	600	400	1440		400	X	X	VALID	2.375	0.154	35000	0.6	NO	NO	YES	5.51%	5.51%	1998	21.0	30.01	Accept Most Stringent Criteria	--
B0080224	Inlet 008-R-124	170	3		933	750	500	1440		500	X		UNVALID	2.375	0.154	24000	0.6	NO	YES	YES	5.46%	5.46%	2006	89.2	29.96	DIMP/TIMP, Missing 192.517	2018-2019
1571115	HPSS 1571115	250	3		1549	90	60	UNKV		60			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1997	44.0	29.84	Pressure Test/Replace	2024-2028
2000446	HPSS 2000446	250	3		1549	90	60	UNKV		60			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1997	25.0	29.84	Pressure Test/Replace	2024-2028
1571113	HPSS 1571113	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1997	263.3	29.84	Expose/Verify, DIMP/TIMP	2018-2028
1571437	HPSS 1571437	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1995	18.1	29.84	Expose/Verify, DIMP/TIMP	2018-2028
1578424	HPSS 1578424	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1995	44.0	29.84	Expose/Verify, DIMP/TIMP	2018-2028
1578438	HPSS 1578438	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1995	44.0	29.84	Expose/Verify, DIMP/TIMP	2018-2028
1700668	HPSS 1700668	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1995	82.1	29.84	Expose/Verify, DIMP/TIMP	2018-2028
1700759	HPSS 1700759	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	4.84%	4.84%	1995	90.1	29.84	Expose/Verify, DIMP/TIMP	2018-2028
1700761	HPSS 1700761	250	3		1549	800	533	UNKV		533	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1995	80.1	29.84	Expose/Verify, DIMP/TIMP	2018-2028
201253	Inlet 008-R-151	250	3		1549	750	500	UNKV		500	X	X	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1995	56.1	29.84	Expose/Verify, DIMP/TIMP	2018-2028
2000102	HPSS 2000102	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	4.84%	4.84%	1997	149.1	29.84	Expose/Verify, DIMP/TIMP	2018-2028
2000180	HPSS 2000180	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1995	14.9	29.84	Expose/Verify, DIMP/TIMP	2018-2028
2000181	HPSS 2000181	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	4.84%	4.84%	1995	52.0	29.84	Expose/Verify, DIMP/TIMP	2018-2028
2000183	HPSS 2000183	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1995	30.2	29.84	Expose/Verify, DIMP/TIMP	2018-2028
2000186	HPSS 2000186	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	4.84%	4.84%	1995	40.9	29.84	Expose/Verify, DIMP/TIMP	2018-2028
2000189	HPSS 2000189	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	4.84%	4.84%	1997	254.3	29.84	Expose/Verify, DIMP/TIMP	2018-2028
2000444	HPSS 2000444	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1995	58.0	29.84	Expose/Verify, DIMP/TIMP	2018-2028
2001907	HPSS 2001907	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1995	93.1	29.84	Expose/Verify, DIMP/TIMP	2018-2028
2043466	HPSS 2043466	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1995	61.1	29.84	Expose/Verify, DIMP/TIMP	2018-2028
1510086	HPSS 1510086	170	3		1549	730	486	UNKV		486	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.29%	NA	1994	100.0	29.79	Expose/Verify, DIMP/TIMP	2018-2028
1510088	HPSS 1510088	170	3		1549	730	486	UNKV		486	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.29%	NA	1994	111.2	29.79	Expose/Verify, DIMP/TIMP	2018-2028
1510100	HPSS 1510100	170	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.29%	NA	1992	40.0	29.79	Expose/Verify, DIMP/TIMP	2018-2028
1700673	HPSS 1700673	144	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	2.79%	2.79%	1993	145.1	29.79	Expose/Verify, DIMP/TIMP	2018-2028
2000192	HPSS 2000192	250	3		1549	90	60	UNKV		60			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1998	33.0	29.34	Pressure Test/Replace	2024-2028
2001474	HPSS 2001474	250	3		1549	90	60	UNKV		60			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1998	55.1	29.34	Pressure Test/Replace	2024-2028
1574506	HPSS 1574506	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1996	24.0	29.34	Expose/Verify, DIMP/TIMP	2018-2028

Work Order #	Segment Name	Existing MAOP (psig)	Class Location (1,2,3,4)	Uprate (YES/NO)	Design Pressure 192.619 (a) (1) (psig)	Test Pressure (psig)	Test Pressure 192.619 (a) (2) (psig)	Pressure Class Rating (psig)	Hi-5 Pressure (psig) 192.619 (a) (3)	MAOP per 192.619 (psig)	Meets 192.619	Meets 192.517	MAOP Designation	Max Outside Diameter, OD1 (inches)	Min Wall Thickness, WT1 (inches)	Min SMYS, SMYS1 (psig)	Min Longitudinal Joint Factor, E1 (E)	Unknown Pressure Rated Fitting (YES/NO)	Fittings w/ Assumed SMYS (YES/NO)	Fittings w/ Assumed Joint Factor (YES/NO)	Max Pipe % SMYS	Max Fitting % SMYS	Install Date (Year)	Pipe Length (Feet)	Total Score	Action Plan	Action Year
1578481	HPSS 1578481	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1996	42.9	29.34	Expose/Verify, DIMP/TIMP	2018-2028
2001373	HPSS 2001373	250	3		1549	760	506	UNKV		506	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1996	39.1	29.34	Expose/Verify, DIMP/TIMP	2018-2028
2001553	HPSS 2001553	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1996	16.0	29.34	Expose/Verify, DIMP/TIMP	2018-2028
2001675	HPSS 2001675	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1996	49.0	29.34	Expose/Verify, DIMP/TIMP	2018-2028
2043461	HPSS 2043461	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1996	32.0	29.34	Expose/Verify, DIMP/TIMP	2018-2028
2043672	HPSS 2043672	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1996	8.0	29.34	Expose/Verify, DIMP/TIMP	2018-2028
1510027	HPSS 1510027	170	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.29%	NA	1993	19.0	29.29	Expose/Verify, DIMP/TIMP	2018-2028
1950970	HPSS 1950970	170	3		1549	760	506	UNKV		506	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.29%	NA	1993	48.4	29.29	Expose/Verify, DIMP/TIMP	2018-2028
1700286	HPSS 1700286	144	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.79%	NA	1992	40.0	29.29	Expose/Verify, DIMP/TIMP	2018-2028
2001813	HPSS 2001813	250	3		1549	90	60	UNKV		60			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1999	51.0	28.84	Pressure Test/Replace	2024-2028
1571107	HPSS 1571107	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1997	14.0	28.84	Expose/Verify, DIMP/TIMP	2018-2028
1577213	HPSS 1577213	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1997	16.0	28.84	Expose/Verify, DIMP/TIMP	2018-2028
1577295	HPSS 1577295	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1997	11.0	28.84	Expose/Verify, DIMP/TIMP	2018-2028
1578505	HPSS 1578505	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1997	50.9	28.84	Expose/Verify, DIMP/TIMP	2018-2028
1579268	HPSS 1579268	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1997	55.1	28.84	Expose/Verify, DIMP/TIMP	2018-2028
2000214	HPSS 2000214	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1997	14.0	28.84	Expose/Verify, DIMP/TIMP	2018-2028
2000426	HPSS 2000426	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1997	27.0	28.84	Expose/Verify, DIMP/TIMP	2018-2028
2000431	HPSS 2000431	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1997	41.0	28.84	Expose/Verify, DIMP/TIMP	2018-2028
2000432	HPSS 2000432	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1997	17.0	28.84	Expose/Verify, DIMP/TIMP	2018-2028
2001379	HPSS 2001379	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1997	45.0	28.84	Expose/Verify, DIMP/TIMP	2018-2028
2001449	HPSS 2001449	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1997	68.1	28.84	Expose/Verify, DIMP/TIMP	2018-2028
2001466	HPSS 2001466	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1997	43.0	28.84	Expose/Verify, DIMP/TIMP	2018-2028
2001500	HPSS 2001500	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1997	54.0	28.84	Expose/Verify, DIMP/TIMP	2018-2028
2001512	HPSS 2001512	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1997	30.1	28.84	Expose/Verify, DIMP/TIMP	2018-2028
2001554	HPSS 2001554	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1997	11.0	28.84	Expose/Verify, DIMP/TIMP	2018-2028
2001555	HPSS 2001555	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1997	35.0	28.84	Expose/Verify, DIMP/TIMP	2018-2028
2001657	HPSS 2001657	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	4.84%	4.84%	1997	51.3	28.84	Expose/Verify, DIMP/TIMP	2018-2028
2001661	HPSS 2001661	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1997	14.0	28.84	Expose/Verify, DIMP/TIMP	2018-2028
2043471	HPSS 2043471	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1997	16.0	28.84	Expose/Verify, DIMP/TIMP	2018-2028
1510002	HPSS 1510002	170	3		1549	100	66	UNKV		66			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.29%	NA	1996	18.0	28.79	Pressure Test/Replace	2024-2028
1510134	HPSS 1510134	170	3		1549	100	66	UNKV		66			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.29%	NA	1996	12.9	28.79	Pressure Test/Replace	2024-2028
1510135	HPSS 1510135	170	3		1549	100	66	UNKV		66			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.29%	NA	1996	12.9	28.79	Pressure Test/Replace	2024-2028
1510130	HPSS 1510130	170	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.29%	NA	1996	160.1	28.79	Expose/Verify, DIMP/TIMP	2018-2028
1671085	HPSS 1671085	144	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.79%	NA	1993	70.1	28.79	Expose/Verify, DIMP/TIMP	2018-2028
1571117	HPSS 1571117	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1998	22.0	28.34	Expose/Verify, DIMP/TIMP	2018-2028
1578494	HPSS 1578494	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1998	16.0	28.34	Expose/Verify, DIMP/TIMP	2018-2028
2000218	HPSS 2000218	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1998	34.1	28.34	Expose/Verify, DIMP/TIMP	2018-2028
2001666	HPSS 2001666	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1998	46.0	28.34	Expose/Verify, DIMP/TIMP	2018-2028
1700327	HPSS 1700327	144	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.79%	NA	1994	34.0	28.29	Expose/Verify, DIMP/TIMP	2018-2028
366665439	HPSS 366665439	250	3		1193	750	500	UNKV		500	X	Service	UNVALID	1.315	0.109	24000	0.6	YES	NA	NA	6.28%	NA	2011	55.0	28.28	Expose/Verify, DIMP/TIMP	2018-2028
6202304978	HPSS 6202304978	250	3		1193	750	500	UNKV		500	X	Service	UNVALID	1.315	0.109	24000	0.6	YES	NA	NA	6.28%	NA	2011	29.1	28.28	Expose/Verify, DIMP/TIMP	2018-2028
9341211532	HPSS 9341211532	250	3		1193	750	500	UNKV		500	X	Service	UNVALID	1.315	0.109	24000	0.6	YES	NA	NA	6.28%	NA	2011	45.0	28.28	Expose/Verify, DIMP/TIMP	2018-2028
35162	Inlet 008-R-036	170	3		1361	600	400	1440		400	X		UNVALID	2.375	0.154	35000	0.6	NO	NA	NA	3.75%	NA	1988	18.0	28.25	DIMP/TIMP, Missing 192.517	2018-2019
B0072657	Inlet 008-R-126	499	3		2260	1000	666	1440		666	X		UNVALID	1.05	0.113	35000	0.6	NO	NO	YES	6.62%	5.24%	2004	11.6	28.12	DIMP/TIMP, Missing 192.517	2018-2019
2000429	HPSS 2000429	250	3		1549	90	60	UNKV		60			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	2001	21.0	27.84	Pressure Test/Replace	2024-2028
1571438	HPSS 1571438	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1999	10.1	27.84	Expose/Verify, DIMP/TIMP	2018-2028
1578502	HPSS 1578502	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1999	49.0	27.84	Expose/Verify, DIMP/TIMP	2018-2028
1578506	HPSS 1578506	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1999	73.1	27.84	Expose/Verify, DIMP/TIMP	2018-2028
1670010	HPSS 1670010	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1999	56.0	27.84	Expose/Verify, DIMP/TIMP	2018-2028
2000221	HPSS 2000221	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	4.84%	4.84%	1999	64.1	27.84	Expose/Verify, DIMP/TIMP	2018-2028
1510131	HPSS 1510131	170	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.29%	NA	1996	20.9	27.79	Expose/Verify, DIMP/TIMP	2018-2028
2127970167	HPSS 2127970167	250	3		1193	750	500	UNKV		500	X	Service	UNVALID	1.315	0.109	24000	0.6	YES	NA	NA	6.28%	NA	2012	60.0	27.78	Expose/Verify, DIMP/TIMP	2018-2028
4190389931	HPSS 4190389931	250	3		1193	750	500	UNKV		500	X	Service	UNVALID	1.315	0.109	24000	0.6	YES	NA	NA	6.28%	NA	2012	43.0	27.78	Expose/Verify, DIMP/TIMP	2018-2028
9243868169	HPSS 9243868169	250	3		1214	750	500	UNKV		500	X	Service	UNVALID	1.66	0.14	24000	0.6	YES	NA	NA	6.18%	NA	2012	60.0	27.68	Expose/Verify, DIMP/TIMP	2018-2028
B0074106	Inlet 008-R-125	499	3		2260	760	506	1440		506	X		UNVALID	1.05	0.113	35000	0.6	NO	NA	NA	6.62%	NA	2005	17.0	27.62	DIMP/TIMP, Missing 192.517	2018-2019
2000086	HPSS 2000086	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	2000	34.0	27.34	Expose/Verify, DIMP/TIMP	2018-2028
2000151	HPSS 2000151	250	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	2000	34.1	27.34	Expose/Verify, DIMP/TIMP	2018-2028
2001558	HPSS 2001558	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	2000	28.1	27.34	Expose/Verify, DIMP/TIMP	2018-2028
2001560	HPSS 2001560	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	2000	77.0	27.34	Expose/Verify, DIMP/TIMP	2018-2028
2001911	HPSS 2001911	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	2000	60.1	27.34	Expose/Verify, DIMP/TIMP	2018-2028
2043441	HPSS 2043441	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	2000	21.1	27.34	Expose/Verify, DIMP/TIMP	2018-2028
1950977	HPSS 1950977	170	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.29%	NA	1997	76.4	27.29	Expose/Verify, DIMP/TIMP	2018-2028
1700289	HPSS 1700348	144	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.79%	NA	1996	24.0	27.29	Expose/Verify, DIMP/TIMP	2018-2028
1700439	HPSS 1700439	144	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.79%	NA	1996	50.1	27.29	Expose/Verify, DIMP/TIMP	2018-2028
4304310213	HPSS 2043645	250	3		1193	750	500	UNKV		500	X	Service	UNVALID	1.315	0.109	24000	0.6	YES	NA	NA	6.28%	NA	2013	94.0	27.28	Expose/Verify, DIMP/TIMP	2018-2028
2350437741	HPSS 2350437741	250	3		1193	750	500	UNKV		500	X	Service	UNVALID	1.315	0.109	24000	0.6	YES	NA	NA	6.28%	NA	2013	46.0	27.28	Expose/Verify, DIMP/TIMP	2018-2028
5634302764	HPSS 5634302764	250	3		1193	750	500	UNKV		500	X	Service	UNVALID	1.315	0.109	24000	0.6	YES	NA	NA	6.28%	NA	2013	40.0	27.28	Expose/Verify, DIMP/TIMP	2018-2028
B0078745	Inlet 008-R-128	499	3		2260	750	500	1440		500	X		UNVALID	1.05	0.113	35000	0.6	NO	NA	NA	6.62%	NA	2006	26.0	27.12	DIMP/TIMP, Missing 192.517	2018-2019
209032	6" North Bremerton H.P. Line	250	3		1056	638	425	720		425	X	X	VALID	6.625	0.25	35000	0.8	NO	NO	YES	9.46%	5.69%	2014	279.9	26.96	Accept Most Stringent Criteria	--
2001508	HPSS 2001508	250	3		1549	750	1	UNKV		1			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	2005	159.4	26.84	Pressure Test/Replace	2024-2028
1578437	HPSS 1578437	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	2001	59.1	26.84	Expose/Verify, DIMP/TIMP	2018-2028
1578517	HPSS 1578517	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	2001	46.0	26.84	Expose/Verify, DIMP/TIMP	2018-2028
2000229	HPSS 2000229	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	4.84%	4.84%	2001	44.0	26.84	Expose/Verify, DIMP/TIMP	2018-2028
2000256	HPSS 2000256	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	4.84%	4.84%	2001	13.0	26.84	Expose/Verify, DIMP/TIMP	2018-2028
2000448	HPSS 2000448	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	4.84%	4.84%	2001	30.0	26.84	Expose/Verify, DIMP/TIMP	2018-2028
1510136	HPSS 1510136	170	3		1549	770	513	UNKV		513	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.29%	NA	1998	23.9	26.79	Expose/Verify, DIMP/TIMP	2018-2028
1536103	HPSS 1536103	170	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.29%	NA	1998	8.0	26.79	Expose/Verify, DIMP/TIMP	2018-2028
1536106	HPSS 1536106	170	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.29%	NA	1998	22.0	26.79	Expose/Verify, DIMP/TIMP	2018-2028
1536105	Service Stub	170	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.29%	NA	1998	52.7	26.79	Expose/Verify, DIMP/TIMP	2018-2028
2737238005	HPSS 2737238005	250	3		1193	800	533	UNKV		533	X	Service	UNVALID	1.315	0.109	24000	0.6	YES	NA	NA	6.28%	NA	2014	17.0	26.78	Expose/Verify, DIMP/TIMP	2018-2028
8710281410	HPSS 8710281410	250	3		1193	780	520	UNKV		520	X	Service	UNVALID	1.315	0.109	24000	0.6	YES	NA	NA	6.28%	NA	2014	32.1	26.78	Expose/Verify, DIMP/TIMP	2018-2028
8870699770	HPSS 8870699770	250	3		1214	800	533	UNKV		533	X	Service	UNVALID	1.66	0.14	24000	0.6	YES	NA	NA	6.18%	NA	2014	59.0	26.68	Expose/Verify, DIMP/TIMP	2018-2028
41094 (V-001)	008-V-001	250	3		NA	NA	NA	720		720	X		UNVALID	NA	NA	NA	NA	NO	NA	NA	NA	NA	1984	0.0	26.50	DIMP/TIMP, Missing 192.517	2018-2019

Work Order #	Segment Name	Existing MAOP (psig)	Class Location (1,2,3,4)	Uprate (YES/NO)	Design Pressure 192.619 (a) (1) (psig)	Test Pressure (psig)	Test Pressure 192.619 (a) (2) (psig)	Pressure Class Rating (psig)	Hi-5 Pressure (psig) 192.619 (a) (3)	MAOP per 192.619 (psig)	Meets 192.619	Meets 192.517	MAOP Designation	Max Outside Diameter, OD1 (inches)	Min Wall Thickness, WT1 (inches)	Min SMYS, SMYS1 (psig)	Min Longitudinal Joint Factor, E1 (E)	Unknown Pressure Rated Fitting (YES/NO)	Fittings w/ Assumed SMYS (YES/NO)	Fittings w/ Assumed Joint Factor (YES/NO)	Max Pipe % SMYS	Max Fitting % SMYS	Install Date (Year)	Pipe Length (Feet)	Total Score	Action Plan	Action Year
1578518	HPSS 1578518	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	2002	21.0	26.34	Expose/Verify, DIMP/TIMP	2018-2028
2001031	HPSS 2001031	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	2002	42.0	26.34	Expose/Verify, DIMP/TIMP	2018-2028
2001672	HPSS 2001672	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	2002	24.1	26.34	Expose/Verify, DIMP/TIMP	2018-2028
2043445	HPSS 2043445	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	2002	55.1	26.34	Expose/Verify, DIMP/TIMP	2018-2028
1510362	HPSS 1510362	170	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.29%	NA	1999	59.1	26.29	Expose/Verify, DIMP/TIMP	2018-2028
1700437	HPSS 1700437	144	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.79%	NA	1998	8.0	26.29	Expose/Verify, DIMP/TIMP	2018-2028
7945724317	HPSS 7945724317	250	3		1193	799	532	UNKV		532	X	Service	UNVALID	1.315	0.109	24000	0.6	YES	NA	NA	6.28%	NA	2015	30.0	26.28	Expose/Verify, DIMP/TIMP	2018-2028
7946173702	HPSS 7946173702	250	3		1193	760	506	UNKV		506	X	Service	UNVALID	1.315	0.109	24000	0.6	YES	NA	NA	6.28%	NA	2015	51.0	26.28	Expose/Verify, DIMP/TIMP	2018-2028
210812	8" North Kitsap H.P. Line	250	3		1183	660	440	720		440	X	X	VALID	8.625	0.25	52000	0.8	NO	NO	YES	8.29%	8.45%	2014	107.7	25.95	Accept Most Stringent Criteria	--
2001556	HPSS 2001556	250	3		1549	90	60	UNKV		60			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	2005	52.0	25.84	Pressure Test/Replace	2024-2028
1578803	HPSS 1578803	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	2003	16.0	25.84	Expose/Verify, DIMP/TIMP	2018-2028
2001251	Inlet 008-R-132	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	2003	57.1	25.84	Expose/Verify, DIMP/TIMP	2018-2028
1950254	HPSS 1950254	170	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.29%	NA	2000	56.1	25.79	Expose/Verify, DIMP/TIMP	2018-2028
49714	Inlet 008-R-109	170	3		1106	750	500	NA		500	X		UNVALID	4.5	0.237	35000	0.6	NO	NA	NA	4.61%	NA	1995	6.0	25.61	DIMP/TIMP, Missing 192.517	2018-2019
228923	Inlet 008-R-156	250	3		1549	750	500	UNKV		500	X	X	UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	4.84%	4.84%	2004	20.1	25.34	Expose/Verify, DIMP/TIMP	2018-2028
1577218	HPSS 1577218	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	2006	289.0	25.34	Expose/Verify, DIMP/TIMP	2018-2028
1950150	HPSS 1950150	170	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.29%	NA	2001	50.7	25.29	Expose/Verify, DIMP/TIMP	2018-2028
45247	Inlet 008-R-101	170	3		1361	600	400	1440		400	X	X	VALID	2.375	0.154	35000	0.6	NO	NA	NA	3.75%	NA	1994	67.7	25.25	Accept Most Stringent Criteria	--
50949	Inlet 008-R-035	170	3		1106	750	500	NA		500	X	X	VALID	4.5	0.237	35000	0.6	NO	NA	NA	4.61%	NA	1996	5.9	25.11	Accept Most Stringent Criteria	--
1571123	HPSS 1571123	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	2007	199.2	24.84	Expose/Verify, DIMP/TIMP	2018-2028
2001433	HPSS 2001433	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	2005	19.0	24.84	Expose/Verify, DIMP/TIMP	2018-2028
2001565	HPSS 2001565	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	2005	84.1	24.84	Expose/Verify, DIMP/TIMP	2018-2028
2043467	HPSS 2043467	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	2005	29.0	24.84	Expose/Verify, DIMP/TIMP	2018-2028
2043472	HPSS 2043472	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	2005	55.1	24.84	Expose/Verify, DIMP/TIMP	2018-2028
1510147	HPSS 1510147	170	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.29%	NA	2002	42.1	24.79	Expose/Verify, DIMP/TIMP	2018-2028
47827	Inlet 008-R-104	170	3		1361	600	400	1440		400	X	X	VALID	2.375	0.154	35000	0.6	NO	NO	YES	3.75%	3.75%	1995	65.1	24.75	Accept Most Stringent Criteria	--
47828	Inlet 008-R-104	170	3		1361	600	400	NA		400	X	X	VALID	2.375	0.154	35000	0.6	NO	NA	NA	3.75%	NA	1995	6.0	24.75	Accept Most Stringent Criteria	--
1571122	HPSS 1571122	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	2006	12.0	24.34	Expose/Verify, DIMP/TIMP	2018-2028
1577302	HPSS 1577302	250	3		1549	650	433	UNKV		433	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	2006	27.0	24.34	Expose/Verify, DIMP/TIMP	2018-2028
2001038	HPSS 2001038	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	2006	55.1	24.34	Expose/Verify, DIMP/TIMP	2018-2028
2000406	Inlet 008-R-137	250	3		1549	600	400	1440		400	X		UNVALID	NA	NA	NA	NA	NO	YES	YES	NA	4.84%	2006	0.0	24.34	DIMP/TIMP, Missing 192.517	2018-2019
50951	Inlet 008-R-035	170	3		1361	600	400	1440		400	X	X	VALID	2.375	0.154	35000	0.6	NO	NO	YES	3.75%	3.75%	1996	20.8	24.25	Accept Most Stringent Criteria	--
49794	Inlet 008-R-110	170	3		1361	750	500	1440		500	X	X	VALID	2.375	0.154	35000	0.6	NO	NA	NA	3.75%	NA	1996	69.1	24.25	Accept Most Stringent Criteria	--
53132	Inlet 008-R-113	170	3		1106	750	500	NA		500	X	X	VALID	4.5	0.237	35000	0.6	NO	NA	NA	4.61%	NA	1998	2.5	24.11	Accept Most Stringent Criteria	--
1571439	HPSS 1571439	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	2007	14.1	23.84	Expose/Verify, DIMP/TIMP	2018-2028
2041172	HPSS 2041172	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	2009	347.3	23.84	Expose/Verify, DIMP/TIMP	2018-2028
174704	Inlet 008-R-144	499	3		3539	750	500	720		500	X	X	VALID	1.315	0.133	35000	1	NO	NA	NA	7.05%	NA	2010	4.0	23.55	No Action Needed	--
1578510	HPSS 1578510	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	2008	15.2	23.34	Expose/Verify, DIMP/TIMP	2018-2028
54728	Inlet 008-R-115	170	3		1361	750	500	1440		500	X		UNVALID	2.375	0.154	35000	0.6	NO	NO	YES	3.75%	3.75%	1998	58.1	23.25	DIMP/TIMP, Missing 192.517	2018-2019
1570006	HPSS 1570006	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	2010	16.0	22.34	Expose/Verify, DIMP/TIMP	2018-2028
178845	Inlet 008-R-145	250	3		1549	750	500	720		500	X		UNVALID	1.315	0.133	35000	0.6	NO	YES	YES	3.53%	4.84%	2010	15.0	22.34	DIMP/TIMP, Missing 192.517	2018-2019
1536111	HPSS 1536111	170	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.29%	NA	2007	20.0	22.29	Expose/Verify, DIMP/TIMP	2018-2028
1950848	HPSS 1950848	170	3		2260	90	60	UNKV		60			UNVALID	1.05	0.113	35000	0.6	YES	NA	NA	2.26%	NA	1999	47.0	22.26	Pressure Test/Replace	2024-2028
209777	Inlet 008-R-070	250	3		1361	770	513	720		513	X	X	VALID	2.375	0.154	35000	0.6	NO	NO	YES	5.51%	5.51%	2014	80.4	22.01	Accept Most Stringent Criteria	--
234385	Inlet 008-R-047	250	3		1361	400	266	720		266	X	X	VALID	2.375	0.154	52000	0.6	NO	NO	YES	3.71%	5.51%	2016	116.2	22.01	Accept Most Stringent Criteria	--
226327	Inlet 008-R-155	250	3		1361	640	426	720		426	X	X	VALID	2.375	0.154	35000	0.6	NO	NA	NA	5.51%	NA	2016	59.0	21.01	Accept Most Stringent Criteria	--
1571119	HPSS 1571119	250	3		2260	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	35000	0.6	YES	NA	NA	3.32%	NA	2002	34.0	20.82	Expose/Verify, DIMP/TIMP	2018-2028
1536109	HPSS 1536109	170	3		2260	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	35000	0.6	YES	NA	NA	2.26%	NA	2000	19.0	20.76	Expose/Verify, DIMP/TIMP	2018-2028
50200	12" Kitsap H.P. Line	499	3		NA	NA	NA	720		720	X	X	VALID	NA	NA	NA	NA	NO	NA	NA	NA	NA	1996	0.0	20.50	No Action Needed	--
51144	4" Port Orchard H.P. Line (008-V-161)	170	3		NA	NA	NA	1440		1440	X	X	VALID	NA	NA	NA	NA	NO	NA	NA	NA	NA	1996	0.0	20.50	No Action Needed	--
2168154319	HPSS 2168154319	144	3		1193	750	500	UNKV		500	X	Service	UNVALID	1.315	0.109	24000	0.6	YES	NA	NA	3.62%	NA	2012	34.0	20.12	Expose/Verify, DIMP/TIMP	2018-2028
1477210777	HPSS 1477210777	250	3		1549	800	533	UNKV		533	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	2015	71.0	19.84	Expose/Verify, DIMP/TIMP	2018-2028
4929900230	HPSS 1510025	170	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.29%	NA	2016	13.1	17.79	Expose/Verify, DIMP/TIMP	2018-2028
163400	Inlet 008-R-141	144	3		1361	650	433	720		433	X	X	VALID	2.375	0.154	35000	0.6	NO	NA	NA	3.17%	NA	2009	82.6	17.17	Accept Most Stringent Criteria	--
1951002	Inlet 008-R-134	170	3		NA	NA	NA	275		275	X		UNVALID	NA	NA	NA	NA	NO	NA	NA	NA	NA	2004	0.0	16.50	DIMP/TIMP, Missing 192.517	2018-2019
186169	Inlet 008-R-150	175	3		1361	375	250	720		250	X	X	VALID	2.375	0.154	35000	0.6	NO	NO	YES	3.86%	3.86%	2012	47.0	16.36	Accept Most Stringent Criteria	--
186076	Inlet 008-R-149	250	3		3539	750	500	1440		500	X	X	VALID	1.315	0.133	35000	1	NO	NA	NA	3.53%	NA	2011	2.0	14.53	No Action Needed	--
198153	Inlet 008-R-147	170	3		2123	750	500	720		500	X	X	VALID	1.315	0.133	35000	0.6	NO	NO	YES	2.40%	2.40%	2013	41.0	14.40	Accept Most Stringent Criteria	--
2777116375	HPSS 2777116375	250	3		2123	765	510	UNKV		510	X	Service	UNVALID	1.315	0.133	35000	0.6	YES	NA	NA	3.53%	NA	2016	34.0	14.03	Expose/Verify, DIMP/TIMP	2018-2028
9586322241	HPSS 9586322241	144	3		2123	765	510	720		510	X	Service	VALID	1.315	0.133	35000	0.6	NO	NA	NA	2.03%	NA	2014	14.0	13.53	Accept Most Stringent Criteria	--
2231864471	HPSS 2231864471	144	3		2123	798	532	UNKV		532	X	Service	UNVALID	1.315	0.133	35000	0.6	YES	NA	NA	2.03%	NA	2015	41.0	13.03	Expose/Verify, DIMP/TIMP	2018-2028
186074	Inlet 008-R-148	250	3		NA	NA	NA	720		720	X	X	VALID	NA	NA	NA	NA	NO	NA	NA	NA	NA	2011	0.0	13.00	No Action Needed	--
186070	Inlet 008-R-063	250	3		NA	NA	NA	720		720	X		UNVALID	NA	NA	NA	NA	NO	NA	NA	NA	NA	2011	0.0	13.00	DIMP/TIMP, Missing 192.517	2018-2019
3362513977	HPSS 3362513977	250	3		3539	750	500	UNKV		500	X	Service	UNVALID	1.315	0.133	35000	1	YES	NA	NA	3.53%	NA	2017	20.0	11.53	Expose/Verify, DIMP/TIMP	2018-2028
4558360240	HPSS 4558360240	250	3		3539	712	474	UNKV		474	X	Service	UNVALID	1.315	0.133	42000	1	YES	NO	NO	2.94%	3.53%	2017	21.0	11.53	Expose/Verify, DIMP/TIMP	2018-2028
2460572735	HPSS 2460572735	170	3		3539	720	480	UNKV		480	X	Service	UNVALID	1.315	0.133	42000	1	YES	NO	NO	2.00%	2.40%	2017	14.0	10.40	Expose/Verify, DIMP/TIMP	2018-2028

Work Order #	Segment Name	Existing MAOP (psig)	Class Location (1,2,3,4)	Uprate (YES/NO)	Design Pressure 192.619 (a) (1) (psig)	Test Pressure (psig)	Test Pressure 192.619 (a) (2) (psig)	Pressure Class Rating (psig)	Hi-5 Pressure (psig) 192.619 (a) (3)	MAOP per 192.619 (psig)	Meets 192.619	Meets 192.517	MAOP Designation	Max Outside Diameter, OD1 (inches)	Min Wall Thickness, WT1 (inches)	Min SMYS, SMYS1 (psig)	Min Longitudinal Joint Factor, E1 (E)	Unknown Pressure Rated Fitting (YES/NO)	Fittings w/ Assumed SMYS (YES/NO)	Fittings w/ Assumed Joint Factor (YES/NO)	Max Pipe % SMYS	Max Fitting % SMYS	Install Date (Year)	Pipe Length (Feet)	Total Score	Action Plan	Action Year
01C4776	8"Attalia Transmission Line	300	3		418	0	0	UNKV		0			UNVALID	8.625	0.188	24000	0.8	YES	YES	YES	28.67%	7.54%	1958	79,269.0	168.17	116 Segment, Pressure Test	2021
01C4776	8"Attalia Transmission Line	300	3		418	0	0	720		0			UNVALID	8.625	0.188	24000	0.8	NO	NO	YES	28.67%	11.48%	1958	76.5	143.17	116 Segment, Pressure Test	2021
53C2527	4" Finley H.P. Line	200	3		499	0	0	NA		0			UNVALID	4.5	0.156	24000	0.6	NO	NA	NA	12.02%	NA	1959	10,328.7	108.02	116 Segment, Pressure Test	2020
54C2565	Inlet 023-R-006	300	3		933	0	0	NA		0			UNVALID	2.375	0.154	24000	0.6	NO	YES	YES	9.64%	9.64%	1959	2.0	84.14	116 Segment, Replace	2021
PRE-CNG (032)	6"& 8" Richland H.P. Line	250	3		794	330	220	NA		220		NA	UNVALID	8.625	0.718	35000	0.8	NO	NA	NA	12.59%	NA	1960	6,592.2	83.59	Pressure Test/Replace	2018-2023
4500110	HPSS 4500110	200	3		1549	112	74	NA		74			UNVALID	1.05	0.113	24000	0.6	NO	NA	NA	3.87%	NA	1962	39.1	51.37	Addressed w/ 116 Segment	2020
4790147	HPSS 4790147	300	3		1549	100	66	UNKV		66			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	5.81%	NA	1963	6.0	61.31	Addressed w/ 116 Segment	2021
4800080	Inlet M&R 38509	150	3		499	0	0	275		0			UNVALID	4.5	0.156	24000	0.6	NO	NA	NA	9.01%	NA	1966	49.0	76.51	Addressed w/ 116 Segment	2018
11097 (1)	4" Northwest Pasco H.P. Line	300	3		877	0	0	1440		0			UNVALID	4.5	0.188	35000	0.6	NO	NO	YES	10.26%	8.14%	1966	2,881.7	91.76	116 Segment, Pressure Test	2018
12301	2" Burbank H.P. Line	158	3		1361	100	71	NA		71		NA	UNVALID	2.375	0.154	35000	0.6	NO	NO	YES	3.48%	3.48%	1967	3,266.7	49.48	116 Segment, Pressure Test	2017
12614	4" East Finley H.P. Line	250	3		877	120	85	250		85		NA	UNVALID	4.5	0.188	35000	0.6	NO	YES	YES	8.55%	6.78%	1967	2,504.9	67.55	116 Segment, Pressure Test	2021
13340	Inlet 023-R-014	250	3		499	0	0	NA		0			UNVALID	4.5	0.156	24000	0.6	NO	NA	NA	15.02%	NA	1967	10.8	88.02	Pressure Test/Replace	2018-2023
4500106	Inlet 023-R-016	250	3		933	750	535	NA		535	X	Service	VALID	2.375	0.154	24000	0.6	NO	NO	YES	8.03%	6.78%	1967	5.0	54.53	Accept Most Stringent Criteria	--
4500115	HPSS 4500115	200	3		1549	750	535	UNKV		535	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.87%	NA	1967	46.0	45.37	Expose/Verify, DIMP/TIMP	2018-2028
14375	8"Attalia Transmission Line	300	3		549	0	0	UNKV		0			UNVALID	12.75	0.25	35000	0.8	YES	YES	YES	21.86%	21.86%	1968	413.9	107.36	116 Segment, Replace	2021
15029	4" Finley H.P. Line	200	3		499	307	219	250		219	X	NA	VALID	4.5	0.188	35000	0.6	NO	YES	YES	6.84%	12.02%	1968	2,386.8	71.52	Accept Most Stringent Criteria	--
15073	Main Stub	300	3		2123	100	71	UNKV		71			UNVALID	1.315	0.133	35000	0.6	YES	NA	NA	4.24%	NA	1968	11.5	41.74	Pressure Test/Replace	2024-2028
15604	023-O-001	200	3		499	0	0	NA		0			UNVALID	4.5	0.156	24000	0.6	NO	NA	NA	12.02%	NA	1968	21.3	84.02	Addressed w/ 116 Segment	2020
4500103	HPSS 4500103	200	3		1549	750	535	UNKV		535	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.87%	NA	1968	14.0	44.37	Expose/Verify, DIMP/TIMP	2018-2028
4500104	HPSS 4500104	200	3		1549	750	535	UNKV		535	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.87%	NA	1968	39.0	44.37	Expose/Verify, DIMP/TIMP	2018-2028
4500118	HPSS 4500118	200	3		1549	750	535	UNKV		535	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.87%	NA	1968	37.0	44.37	Expose/Verify, DIMP/TIMP	2018-2028
4500130	HPSS 4500130	200	3		1549	750	535	UNKV		535	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.87%	NA	1968	47.7	44.37	Expose/Verify, DIMP/TIMP	2018-2028
4500200	Inlet M&R 15281	200	3		1549	0	0	NA		0			UNVALID	1.05	0.113	24000	0.6	NO	NA	NA	3.87%	NA	1968	14.0	54.37	Pressure Test/Replace	2018-2023
4790146	HPSS 6856710936	300	3		1549	100	71	UNKV		71			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	5.81%	NA	1968	60.0	56.31	Pressure Test/Replace	2018-2023
16064	2" Main (Maple St)	300	3		933	100	71	1440		71			UNVALID	2.375	0.154	35000	0.6	NO	YES	YES	6.61%	9.64%	1969	416.6	60.14	Pressure Test/Replace	2018-2023
16255	4" East Finley H.P. Line	250	3		877	703	502	275		275	X	NA	VALID	4.5	0.188	35000	0.6	NO	NA	NA	8.55%	NA	1969	1,785.0	56.55	Accept Most Stringent Criteria	--
16256	Inlet 023-R-017	250	3		499	0	0	NA		0			UNVALID	2.375	0.154	24000	0.6	NO	YES	YES	8.03%	15.02%	1969	365.2	87.02	116 Segment, Replace	2021
4500109	HPSS 4500109	250	3		1549	750	535	UNKV		535	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1969	5.0	44.34	Expose/Verify, DIMP/TIMP	2018-2028
4790180	Service Stub	300	3		1549	100	71	UNKV		71			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	5.81%	NA	1969	53.0	55.31	Pressure Test/Replace	2018-2023
15798	4" Dodd Road H.P. Line	300	3		877	700	500	1440		500	X		UNVALID	4.5	0.188	35000	0.6	NO	NO	YES	10.26%	8.14%	1970	3,251.9	63.76	DIMP/TIMP, Missing 192.517	2018-2019
4500100	HPSS 4500100	200	3		1549	400	266	UNKV		266	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.87%	NA	1971	17.0	40.87	Expose/Verify, DIMP/TIMP	2018-2028
4500112	HPSS 4500112	250	3		1193	750	500	UNKV		500	X	Service	UNVALID	1.315	0.109	24000	0.6	YES	NA	NA	6.28%	NA	1975	62.0	46.28	Expose/Verify, DIMP/TIMP	2018-2028
25472	Inlet 023-R-019	250	3		933	118	78	250		78			UNVALID	2.375	0.154	35000	0.6	NO	YES	YES	5.51%	8.03%	1977	477.7	53.03	Pressure Test/Replace	2018-2023
4741450	HP Service Line (7131 N Railroad Ave)	300	3		1549	450	300	UNKV		300	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	5.81%	NA	1977	58.0	44.81	Expose/Verify, DIMP/TIMP	2018-2028
4800750	HPSS 4800750	158	3		1193	400	266	UNKV		266	X	Service	UNVALID	1.315	0.109	24000	0.6	YES	NA	NA	3.97%	NA	1977	20.0	37.97	Expose/Verify, DIMP/TIMP	2018-2028
52205	Inlet 023-R-055	200	3		1361	700	466	NA		466	X		UNVALID	2.375	0.154	35000	0.6	NO	NO	YES	4.41%	4.41%	1978	111.7	34.91	DIMP/TIMP, Missing 192.517	2018-2019
4500122	HPSS 4500122	200	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.87%	NA	1978	5.0	37.37	Expose/Verify, DIMP/TIMP	2018-2028
26685	6"& 8" Richland H.P. Line	250	3		499	750	500	720		499	X	X	VALID	8.625	0.188	35000	0.8	NO	YES	YES	16.38%	15.02%	1979	15,020.1	74.38	Accept Most Stringent Criteria	--
4500119	HPSS 4500119	200	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.87%	NA	1979	16.0	36.87	Expose/Verify, DIMP/TIMP	2018-2028
2210	Inlet 023-R-036	400	3		544	600	400	NA		400	X		UNVALID	6.625	0.188	24000	0.8	NO	NA	NA	29.37%	NA	1980	151.1	87.87	DIMP/TIMP, Missing 192.517	2018-2019
27994	4" Glade Road H.P. Line	150	3		877	260	173	NA		173	X		UNVALID	4.5	0.188	35000	0.6	NO	NO	YES	5.13%	4.07%	1980	16.7	38.63	DIMP/TIMP, Missing 192.517	2018-2019
28141	4" Plymouth H.P. Line	400	3		877	600	400	NA		400	X	X	VALID	4.5	0.188	35000	0.6	NO	NO	YES	13.68%	13.52%	1980	3,985.9	59.68	Accept Most Stringent Criteria	--
28319	Inlet 023-R-023	250	3		1361	105	70	1440		70			UNVALID	2.375	0.154	35000	0.6	NO	NO	YES	5.51%	5.51%	1980	122.9	45.01	Pressure Test/Replace	2024-2028
28546	6"& 8" Richland H.P. Line	250	3		811	750	500	NA		500	X	X	VALID	8.625	0.25	35000	0.8	NO	NO	YES	12.32%	9.57%	1980	587.5	55.82	Accept Most Stringent Criteria	--
28040	Inlet 023-R-025	300	3		1193	100	66	1440		66			UNVALID	2.375	0.154	35000	0.6	NO	YES	YES	6.61%	7.54%	1981	28.0	49.54	Pressure Test/Replace	2018-2023
28960	6"& 8" Richland H.P. Line	250	3		802	750	500	720		500	X	X	VALID	8.625	0.188	46000	0.8	NO	NO	YES	12.47%	11.55%	1981	16,799.0	65.47	Accept Most Stringent Criteria	--
29276	4" Paterson H.P. Line	300	3		877	450	300	1440		300	X	X	VALID	4.5	0.188	35000	0.6	NO	YES	YES	10.26%	8.14%	1981	5,904.4	62.26	Accept Most Stringent Criteria	--
29291	8"Attalia Transmission Line	300	3		811	450	300	720		300	X	X	VALID	8.625	0.25	35000	0.8	NO	NO	YES	14.79%	11.48%	1981	371.1	53.79	Accept Most Stringent Criteria	--
56710	4" Paterson H.P. Line	300	3		877	450	300	NA		300	X	X	VALID	4.5	0.188	35000	0.6	NO	NO	YES	10.26%	8.14%	1981	1,104.5	55.76	Accept Most Stringent Criteria	--
4531195	HPSS 4531195	250	3		1549	450	300	UNKV		300	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	4.84%	4.84%	1981	86.0	36.84	Expose/Verify, DIMP/TIMP	2018-2028
4531210	HPSS 4531210	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1982	58.0	36.34	Expose/Verify, DIMP/TIMP	2018-2028
30337	Inlet 023-R-028	300	3		1361	600	400	1440		400	X		UNVALID	2.375	0.154	35000	0.6	NO	NO	YES	6.61%	6.61%	1983	25.0	38.61	DIMP/TIMP, Missing 192.517	2018-2019
31013	8"Attalia Transmission Line	300	3		610	620	413	720		413	X		UNVALID	8.625	0.188	35000	0.8	NO	NO	YES	19.66%	19.66%	1983	416.7	57.66	DIMP/TIMP, Missing 192.517	2018-2019
59292	Inlet 023-R-024	200	3		1361	375	250	1440		250	X		UNVALID	2.375	0.154	35000	0.6	NO	NA	NA	4.41%	NA	1983	125.1	32.41	DIMP/TIMP, Missing 192.517	2018-2019
4500111	HPSS 4500111	200	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	3.87%	3.87%	1983	53.0	34.87	Expose/Verify, DIMP/TIMP	2018-2028
4653008	HPSS 4653008	400	3		933	600	400	UNKV		400	X	Service	UNVALID	2.375	0.154	24000	0.6	YES	NA	NA	12.85%	NA	1983	25.0	53.85	Expose/Verify, DIMP/TIMP	2018-2028
31040	Burbank H.P. Distribution System	300	3		933	600	400	NA		400	X	X	VALID	2.375	0.154	35000	0.6	NO	YES	YES	6.61%	9.64%	1984	84.0	45.14	Accept Most Stringent Criteria	--
31040	Burbank H.P. Distribution System	300	3		1193	600	400	1440		400	X	X	VALID	2.375	0.154	35000	0.6	NO	YES	YES	6.61%	7.54%	1984	4,518.6	50.54	Accept Most Stringent Criteria	--
4742510	Service Stub	300	3		1549	90	60	UNKV		60			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	5.81%	NA	1984	3.4	46.31	Pressure Test/Replace	2024-2028
4790148	HPSS 4790148	158	3		1549	225	150	UNKV		150			UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	3.06%	3.06%	1985	142.2	35.06	Pressure Test/Replace	2024-2028
4500114	HPSS 4500114	200	3		1549	120	80	UNKV		80			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.87%	NA	1986	126.1	35.37	Addressed w/ 116 Segment	2020
4500113	HPSS 4500113	200	3		1549	375	250	UNKV		250	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.87%	NA	1987	154.0	33.87	Expose/Verify, DIMP/TIMP	2018-2028
4840780	HPSS 4840780	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1987	6.0	33.84	Expose/Verify, DIMP/TIMP	2018-2028
35680	Inlet 023-R-031	250	3		1361	750	500	1440		500	X		UNVALID	2.375	0.154	35000	0.6	NO	NO	YES	5.51%	5.51%	1988	65.9	35.01	DIMP/TIMP, Missing 192.517	2018-2019
35771	8"Attalia Transmission Line	300	3		610	780	520	720		520	X	X	VALID	8.625	0.188	35000	0.8	NO	YES	YES	19.66%	19.66%	1988	3,196.7	65.66	Accept Most Stringent Criteria	--
35509	Inlet 023-R-030	300	3		1361	450	300	1440		300	X		UNVALID	2.375	0.154	35000	0.6	NO	NO	YES	6.61%	6.61%	1989	23.5	35.61	DIMP/TIMP, Missing 192.517	2018-2019
4500121	HPSS 4500121	200	3		1549	375	250	UNKV		250	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.87%	NA	1989	4.0	31.87	Expose/Verify, DIMP/TIMP	2018-2028
4531200	HPSS 4531200	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	4.84%	4.84%	1989	103.8	33.84	Expose/Verify, DIMP/TIMP	2018-2028
4531225	HPSS 4531225	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	4.84%	4.84%	1989	23.5	32.84	Expose/Verify, DIMP/TIMP	2018-2028
4550625	HPSS 4550625	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	4.84%	4.84%	1989	65.8	32.84	Expose/Verify, DIMP/TIMP	2018-2028
39828	8"Attalia Transmission Line	300	3		610	460	306	720		306	X	X	VALID	8.625	0.188	35000	0.8	NO	NO	YES	19.66%	11.48%	1990	1,984.6	60.66	Accept Most Stringent Criteria	--
4550612	HPSS 4550610	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	4.84%	4.84%	1990	112.1	33.34	Expose/Verify, DIMP/TIMP	2018-2028
38244	2" West Finley H.P. Line	200	3		499	375	250	1440		250	X	X	VALID	4.5	0.156	24000	0.6	NO	YES	YES	12.02%	6.43%	1991	2,434.0	56.52	Accept Most Stringent Criteria	--
4500101	HPSS 4500101	200	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.87%	NA	1991	19.0	30.87	Expose/Verify, DIMP/TIMP	2018-2028
4500225	Service Stub	200	3		1549	380	253	1440		253	X	Service	VALID	1.05	0.113	24000	0.6	NO	NA	NA	3.87%	NA	1991	7.0	30.87	Accept Most Stringent Criteria	--
4550633	HPSS 4550633	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	4.84%	4.84%	1991	100.1	32.84	Expose/Verify, DIMP/TIMP	2018-2028
4650393	HPSS 4650393	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1991	93.0	31.84	Expose/Verify, DIMP/TIMP	2018-2028
4654022	HPSS 4654022	300	3		1549	500	333	UNKV		333	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	5.81%	NA	1991	83.0	37.81	Expose/Verify, DIMP/TIMP	2018-2028
42282	4" Finley H.P. Line	200	3		1193	500	333	1440		333	X		UNVALID	2.375	0.154	35000	0.6	NO	YES	YES	4.41%	5.03%	1992	392.9	37.53	DIMP/TIMP, Missing 192.517	2018-2019
42537	Inlet 023-R-037	300	3		1361	600	400	1440		400	X	X	VALID	2.375	0.154	35000	0.6	NO	NA	NA	6.61%	NA	1992	25.1	34.11	Accept Most Stringent Criteria	--
42763	Inlet 023-R-038	250	3		1361	750	500	1440		500	X	X	VALID	2.375	0.154	35000	0.6	NO	NA	NA	5.51%	NA	1992	105.1	34.01	Accept Most Stringent Criteria	--
4500123	HPSS 4500123	200	3		1549	500	333	UNKV		333	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.87%	NA	1992	123.1	31.37	Expose/Verify, DIMP/TIMP	2018-2028
4500125	HPSS 4500125	200	3		1549	520	346	UNKV		346	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.87%	NA	1992	85.0	30.37	Expose/Verify, DIMP/TIMP	2018-2028

Work Order #	Segment Name	Existing MAOP (psig)	Class Location (1,2,3,4)	Uprate (YES/NO)	Design Pressure 192.619 (a) (1) (psig)	Test Pressure (psig)	Test Pressure 192.619 (a) (2) (psig)	Pressure Class Rating (psig)	Hi-5 Pressure (psig) 192.619 (a) (3)	MAOP per 192.619 (psig)	Meets 192.619	Meets 192.517	MAOP Designation	Max Outside Diameter, OD1 (inches)	Min Wall Thickness, WT1 (inches)	Min SMYS, SMYS1 (psig)	Min Longitudinal Joint Factor, E1 (E)	Unknown Pressure Rated Fitting (YES/NO)	Fittings w/ Assumed SMYS (YES/NO)	Fittings w/ Assumed Joint Factor (YES/NO)	Max Pipe % SMYS	Max Fitting % SMYS	Install Date (Year)	Pipe Length (Feet)	Total Score	Action Plan	Action Year
4500126	HPSS 4500126	200	3		1549	550	366	UNKV		366	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	3.87%	3.87%	1992	54.7	30.37	Expose/Verify, DIMP/TIMP	2018-2028
4650730	HPSS 4650730	250	3		933	750	500	UNKV		500	X	Service	UNVALID	2.375	0.154	24000	0.6	YES	YES	YES	8.03%	4.84%	1992	287.8	40.53	Expose/Verify, DIMP/TIMP	2018-2028
4790136	HPSS 4790136	300	3		1549	730	486	UNKV		486	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	5.81%	5.81%	1992	103.0	38.31	Expose/Verify, DIMP/TIMP	2018-2028
39724	023-R-015, 023-O-003	250	3		794	750	500	720		500	X		UNVALID	6.625	0.188	35000	0.8	NO	NO	YES	12.59%	8.45%	1993	193.6	45.59	DIMP/TIMP, Missing 192.517	2018-2019
45267	Pasco H.P. Distribution System	300	3		877	632	421	720		421	X		UNVALID	4.5	0.188	35000	0.6	NO	YES	YES	10.26%	8.14%	1993	225.0	47.26	DIMP/TIMP, Missing 192.517	2018-2019
45595	Inlet 023-R-039	250	3		1193	750	500	1440		500	X	X	VALID	2.375	0.154	35000	0.6	NO	YES	YES	5.51%	6.28%	1993	52.3	37.28	Accept Most Stringent Criteria	--
4500092	HPSS 4500092	200	3		1549	900	600	UNKV		600	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.87%	NA	1993	10.0	29.87	Expose/Verify, DIMP/TIMP	2018-2028
4531193	HPSS 4531193	250	3		1549	900	600	UNKV		600	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1993	47.0	30.84	Expose/Verify, DIMP/TIMP	2018-2028
4531198	HPSS 4531198	250	3		1549	900	600	UNKV		600	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1993	121.6	31.84	Expose/Verify, DIMP/TIMP	2018-2028
4550503	HPSS 4550503	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	4.84%	4.84%	1993	90.0	30.84	Expose/Verify, DIMP/TIMP	2018-2028
4550608	HPSS 4550609	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1993	151.0	31.84	Expose/Verify, DIMP/TIMP	2018-2028
4790175	HPSS 4790175	300	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	5.81%	5.81%	1993	52.0	36.81	Expose/Verify, DIMP/TIMP	2018-2028
46649	023-V-032	250	3		NA	NA	NA	1440		1440	X	X	VALID	NA	NA	NA	NA	NO	NA	NA	NA	NA	1994	0.0	21.50	No Action Needed	--
47184	Inlet 023-R-056	300	3		1361	600	400	1440		400	X	X	VALID	2.375	0.154	35000	0.6	NO	NA	NA	6.61%	NA	1994	77.0	33.11	Accept Most Stringent Criteria	--
4500097	HPSS 4500097	200	3		1549	900	600	UNKV		600	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.87%	NA	1994	36.0	29.37	Expose/Verify, DIMP/TIMP	2018-2028
4500134	HPSS 4500134	200	3		1549	400	266	UNKV		266	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.87%	NA	1994	9.9	29.37	Expose/Verify, DIMP/TIMP	2018-2028
4550506	HPSS 4550506	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	4.84%	4.84%	1994	186.1	31.34	Expose/Verify, DIMP/TIMP	2018-2028
4554055	HPSS 4554055	250	3		1549	800	533	UNKV		533	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	4.84%	4.84%	1994	140.5	31.34	Expose/Verify, DIMP/TIMP	2018-2028
4554065	HPSS 4554065	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1994	149.1	31.34	Expose/Verify, DIMP/TIMP	2018-2028
46898	4" North Pasco H.P. Line	250	3		877	600	400	720		400	X	X	VALID	4.5	0.188	35000	0.6	NO	YES	YES	8.55%	6.78%	1995	16,199.7	53.55	Accept Most Stringent Criteria	--
48294	4" North Pasco H.P. Line	250	3		1361	600	400	1440		400	X		UNVALID	2.375	0.154	35000	0.6	NO	NA	NA	5.51%	NA	1995	126.1	32.51	DIMP/TIMP, Missing 192.517	2018-2019
48401	Pasco H.P. Distribution System	300	3		877	650	433	720		433	X		UNVALID	4.5	0.188	35000	0.6	NO	YES	YES	10.26%	8.14%	1995	756.2	50.26	DIMP/TIMP, Missing 192.517	2018-2019
48918	4" East Port of Pasco H.P. Line	300	3		499	600	400	720		400	X		UNVALID	4.5	0.188	35000	0.6	NO	YES	YES	10.26%	18.03%	1995	2,125.7	60.53	DIMP/TIMP, Missing 192.517	2018-2019
49723	4" North Pasco H.P. Line	250	3		1361	650	433	1440		433	X	X	VALID	2.375	0.154	35000	0.6	NO	NA	NA	5.51%	NA	1995	97.2	31.51	Accept Most Stringent Criteria	--
60042	4" North Pasco H.P. Line	250	3		1361	600	400	1440		400	X		UNVALID	2.375	0.154	35000	0.6	NO	NO	YES	5.51%	5.51%	1995	120.1	32.51	DIMP/TIMP, Missing 192.517	2018-2019
4500098	HPSS 4500098	200	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	3.87%	3.87%	1995	165.0	29.87	Expose/Verify, DIMP/TIMP	2018-2028
4500129	Service Stub	200	3		1549	900	600	UNKV		600	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.87%	NA	1995	51.0	28.87	Expose/Verify, DIMP/TIMP	2018-2028
4554138	HPSS 4554138	250	3		1549	900	600	UNKV		600	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1995	112.1	30.84	Expose/Verify, DIMP/TIMP	2018-2028
4694000	HPSS 4694000	250	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1995	130.0	30.84	Expose/Verify, DIMP/TIMP	2018-2028
4800755	HPSS 4800755	158	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.06%	NA	1995	196.0	29.06	Expose/Verify, DIMP/TIMP	2018-2028
49759	Inlet 023-R-050	250	3		1361	750	500	1440		500	X		UNVALID	2.375	0.154	35000	0.6	NO	NO	YES	5.51%	5.51%	1996	103.1	32.01	DIMP/TIMP, Missing 192.517	2018-2019
50258	8" Attalia Transmission Line	250	3		610	750	500	720		500	X	X	VALID	8.625	0.188	35000	0.8	NO	NO	YES	16.38%	9.57%	1996	214.4	47.88	Accept Most Stringent Criteria	--
51874	023-V-048	300	3		1045	600	400	720		400	X	X	VALID	8.625	0.322	35000	0.8	NO	NO	YES	11.48%	11.48%	1996	10.1	41.98	Accept Most Stringent Criteria	--
51874	023-V-048	300	3		1045	600	400	UNKV		400	X	X	UNVALID	8.625	0.322	35000	0.8	YES	YES	YES	11.48%	11.48%	1996	5.0	45.98	Expose/Verify, DIMP/TIMP	2018-2028
51880	M&R 51880	300	3		544	0	0	NA		0			UNVALID	6.625	0.188	24000	0.8	NO	YES	YES	22.02%	22.02%	1996	199.1	87.52	Addressed w/ 116 Segment	2021
52321	023-V-049	300	3		1056	600	400	720		400	X	X	VALID	6.625	0.25	35000	0.8	NO	NO	YES	11.36%	10.14%	1996	3.7	41.86	Accept Most Stringent Criteria	--
52321	023-V-049	300	3		1056	600	400	720		400	X	X	VALID	6.625	0.25	35000	0.8	NO	NO	YES	11.36%	10.14%	1996	10.0	41.86	Accept Most Stringent Criteria	--
4500132	HPSS 4500132	200	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.87%	NA	1996	366.9	29.37	Expose/Verify, DIMP/TIMP	2018-2028
4736522	HPSS 4736522	300	3		1549	100	66	UNKV		66			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	5.81%	NA	1996	172.0	41.31	Pressure Test/Replace	2024-2028
4736527	HPSS 4736527	300	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	5.81%	NA	1996	165.6	36.31	Expose/Verify, DIMP/TIMP	2018-2028
1540	Service Stub (Boise Cascade)	300	3		499	600	400	NA		400	X	Service	VALID	4.5	0.156	24000	0.6	NO	YES	YES	18.03%	18.03%	1997	24.0	52.03	Accept Most Stringent Criteria	--
49482	Inlet 023-R-040	300	3		1361	600	400	1440		400	X	X	VALID	2.375	0.154	35000	0.6	NO	NO	YES	6.61%	6.61%	1997	37.0	31.61	Accept Most Stringent Criteria	--
51334	4" North Pasco H.P. Line	250	3		877	600	400	720		400	X		UNVALID	4.5	0.188	35000	0.6	NO	NO	YES	8.55%	6.78%	1997	476.1	34.55	DIMP/TIMP, Missing 192.517	2018-2019
51615	4" North Pasco H.P. Line	250	3		1193	600	400	1440		400	X	X	VALID	2.375	0.154	35000	0.6	NO	YES	YES	5.51%	6.28%	1997	160.8	36.28	Accept Most Stringent Criteria	--
52153	Inlet 023-R-056	300	3		933	0	0	1440		0			UNVALID	2.375	0.154	24000	0.6	NO	NA	NA	9.64%	NA	1997	5.0	58.64	Pressure Test/Replace	2018-2023
52176	4" East Port of Pasco H.P. Line	300	3		877	600	400	720		400	X	X	VALID	4.5	0.188	35000	0.6	NO	YES	YES	10.26%	8.14%	1997	667.7	49.26	Accept Most Stringent Criteria	--
52386	8"Attalia Transmission Line	300	3		499	600	400	NA		400	X		UNVALID	4.5	0.188	35000	0.6	NO	YES	YES	10.26%	18.03%	1997	1,387.5	59.53	DIMP/TIMP, Missing 192.517	2018-2019
53236	6"& 8" North Richland H.P. Line	250	3		811	750	500	1440		500	X	X	VALID	8.625	0.25	35000	0.8	NO	YES	YES	12.32%	9.57%	1997	18,955.9	61.32	Accept Most Stringent Criteria	--
53238	6"& 8" North Richland H.P. Line	250	3		794	750	500	UNKV		500	X	X	UNVALID	6.625	0.188	35000	0.8	YES	NO	YES	12.59%	9.57%	1997	23,872.6	57.59	Expose/Verify, DIMP/TIMP	2018-2028
53587	Inlet 023-R-061	250	3		933	750	500	300		300	X	X	VALID	2.375	0.154	35000	0.6	NO	YES	YES	5.51%	8.03%	1997	9.7	37.03	Accept Most Stringent Criteria	--
4801377	HPSS 4801377	300	3		933	600	400	UNKV		400	X	Service	UNVALID	2.375	0.154	24000	0.6	YES	NA	NA	9.64%	NA	1997	95.1	38.64	Expose/Verify, DIMP/TIMP	2018-2028
2097	Inlet 023-R-060	300	3		499	100	66	UNKV		66			UNVALID	4.5	0.156	24000	0.6	YES	YES	YES	18.03%	18.03%	1998	74.0	56.53	Pressure Test/Replace	2018-2023
53782	4" East Port of Pasco H.P. Line	300	3		877	760	506	720		506	X		UNVALID	4.5	0.188	35000	0.6	NO	YES	YES	10.26%	8.14%	1998	4,047.4	51.26	DIMP/TIMP, Missing 192.517	2018-2019
54526	Inlet 023-R-064	250	3		933	90	60	1440		60			UNVALID	2.375	0.154	24000	0.6	NO	NA	NA	8.03%	NA	1998	38.0	41.53	Pressure Test/Replace	2024-2028
54648	Inlet 023-R-065	250	3		1361	750	500	1440		500	X		UNVALID	2.375	0.154	35000	0.6	NO	NO	YES	5.51%	5.51%	1998	70.0	30.01	DIMP/TIMP, Missing 192.517	2018-2019
54921	8"Attalia Transmission Line	300	3		1045	450	300	720		300	X	X	VALID	8.625	0.25	46000	0.8	NO	NO	YES	11.25%	11.48%	1998	72.0	40.98	Accept Most Stringent Criteria	--
55746	4" North Pasco H.P. Line	250	3		1361	600	400	1440		400	X		UNVALID	2.375	0.154	35000	0.6	NO	NA	NA	5.51%	NA	1998	83.5	30.01	DIMP/TIMP, Missing 192.517	2018-2019
55910	Inlet 023-R-067	300	3		1361	600	400	1440		400	X		UNVALID	2.375	0.154	35000	0.6	NO	NA	NA	6.61%	NA	1998	29.0	31.11	DIMP/TIMP, Missing 192.517	2018-2019
56050	4" East Port of Pasco H.P. Line	300	3		877	600	400	720		400	X	X	VALID	4.5	0.188	35000	0.6	NO	YES	YES	10.26%	8.14%	1998	764.9	48.76	Accept Most Stringent Criteria	--
4550603	HPSS 4550603	250	3		1549	90	60	UNKV		60			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1998	32.0	29.34	Pressure Test/Replace	2024-2028
4694005	HPSS 4694005	250	3		1549	90	60	UNKV		60			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1998	8.0	29.34	Pressure Test/Replace	2024-2028
4801379	Inlet 023-R-068	300	3		933	600	400	1440		400	X	Service	VALID	2.375	0.154	24000	0.6	NO	YES	YES	9.64%	9.64%	1998	18.0	38.14	Accept Most Stringent Criteria	--
2452610057	HPSS 2452610057	250	3		1549	0	0	UNKV		0			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1998	30.1	38.34	Pressure Test/Replace	2024-2028
1990	Inlet 023-R-026	300	3		499	450	300	UNKV		300	X		UNVALID	4.5	0.156	24000	0.6	YES	NA	NA	18.03%	NA	1999	23.0	51.03	Expose/Verify, DIMP/TIMP	2018-2028
53627	Inlet 023-R-059	250	3		1361	750	500	1440		500	X	X	VALID	2.375	0.154	35000	0.6	NO	NA	NA	5.51%	NA	1999	20.4	29.51	Accept Most Stringent Criteria	--
56711	Inlet 023-R-069	300	3		1361	600	400	1440		400	X	X	VALID	2.375	0.154	35000	0.6	NO	NA	NA	6.61%	NA	1999	21.0	30.61	Accept Most Stringent Criteria	--
4550596	HPSS 4550596	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1999	31.8	27.84	Expose/Verify, DIMP/TIMP	2018-2028
4553605	HPSS 4553605	250	3		1549	90	60	UNKV		60			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1999	7.0	28.84	Pressure Test/Replace	2024-2028
4553606	HPSS 4553606	250	3		1549	90	60	UNKV		60			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1999	8.0	28.84	Pressure Test/Replace	2024-2028
4692282	HPSS 4692282	250	3		1549	90	60	UNKV		60			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1999	8.0	28.84	Pressure Test/Replace	2024-2028
4694006	HPSS 4694006	250	3		1549	90	60	UNKV		60			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1999	73.0	28.84	Pressure Test/Replace	2024-2028
4790155	HPSS 4790155	300	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	5.81%	NA	1999	9.0	33.81	Expose/Verify, DIMP/TIMP	2018-2028
4790167	HPSS 4790104	300	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	5.81%	5.81%	1999	26.0	33.81	Expose/Verify, DIMP/TIMP	2018-2028
38822	4" North Pasco H.P. Line	250	3		1361	600	400	1440		400	X		UNVALID	2.375	0.154	35000	0.6	NO	NA	NA	5.51%	NA	2000	25.0	29.01	DIMP/TIMP, Missing 192.517	2018-2019
58329	023-V-075	200	3		877	400	266	275		266	X		UNVALID	4.5	0.188	35000	0.6	NO	YES	YES	6.84%	5.42%	2000	13.0	34.34	DIMP/TIMP, Missing 192.517	2018-2019
58505	4" North Pasco H.P. Line	250	3		1361	600	400	1440		400	X		UNVALID	2.375	0.154	35000	0.6	NO	NO	YES	5.51%	5.51%	2000	14.5	29.01	DIMP/TIMP, Missing 192.517	2018-2019
59248	Inlet 023-R-076	250	3		933	750	500	1440		500	X		UNVALID	2.375	0.154	35000	0.6	NO	YES	YES	5.51%	8.03%	2000	97.9	35.53	DIMP/TIMP, Missing 192.517	2018-2019
4654023	HPSS 4654023	300	3		1549	650	433	UNKV		433	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	5.81%	NA	2000	2.0	33.31	Expose/Verify, DIMP/TIMP	2018-2028
4741137	HPSS 4741137	300	3		1549	90	60	UNKV		60			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	5.81%	NA	2000	18.0	38.31	Addressed w/ 116 Segment	2018
59734	4" East Port of Pasco H.P. Line	300	3		877	650	433	720		433	X		UNVALID	4.5	0.188	35000	0.6	NO	YES	YES	10.26%	8.14%	2001	689.4	47.26	DIMP/TIMP, Missing 192.517	2018-2019
59736	Inlet 023-R-078	300	3		1361	650	433	1440		433	X		UNVALID	2.375	0.154	35000	0.6	NO	NA	NA	6.61%	NA	2001	126.1	30.61	DIMP/TIMP, Missing 192.517	2018-2019
59886	Inlet 023-R-077	250	3		1361	750	500	1440		500	X		UNVALID	2.375	0.154	35000	0.6	NO	NO	YES	5.51%	5.51%	2001	18.0	28.51	DIMP/TIMP, Missing 192.517	2018-2019
4554026	HPSS 4554026	250	3		1549	90	60	UNKV		60			UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	4.84%	4.84%	2001	8.0	27.84	Pressure Test/Replace	2024-2028

Work Order #	Segment Name	Existing MAOP (psig)	Class Location (1,2,3,4)	Uprate (YES/NO)	Design Pressure 192.619 (a) (1) (psig)	Test Pressure (psig)	Test Pressure 192.619 (a) (2) (psig)	Pressure Class Rating (psig)	Hi-5 Pressure (psig) 192.619 (a) (3)	MAOP per 192.619 (psig)	Meets 192.619	Meets 192.517	MAOP Designation	Max Outside Diameter, OD1 (inches)	Min Wall Thickness, WT1 (inches)	Min SMYS, SMYS1 (psig)	Min Longitudinal Joint Factor, E1 (E)	Unknown Pressure Rated Fitting (YES/NO)	Fittings w/ Assumed SMYS (YES/NO)	Fittings w/ Assumed Joint Factor (YES/NO)	Max Pipe % SMYS	Max Fitting % SMYS	Install Date (Year)	Pipe Length (Feet)	Total Score	Action Plan	Action Year
4950350	HPSS 4950350	250	3		1549	90	60	UNKV		60			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	2001	19.0	27.84	Pressure Test/Replace	2024-2028
4554001	HPSS 4554001	250	3		1549	90	60	UNKV		60			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	2002	106.1	28.34	Pressure Test/Replace	2024-2028
4555421	HPSS 4555421	250	3		1549	110	73	UNKV		73			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	2002	87.0	27.34	Pressure Test/Replace	2024-2028
4694011	HPSS 4694011	250	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	2002	72.0	26.34	Expose/Verify, DIMP/TIMP	2018-2028
4801382	HPSS 4801382	300	3		1549	650	433	UNKV		433	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	5.81%	NA	2002	6.0	32.31	Expose/Verify, DIMP/TIMP	2018-2028
D0066671	6"& 8" Richland H.P. Line	250	3		811	750	500	720		500	X		UNVALID	8.625	0.25	35000	0.8	NO	YES	YES	12.32%	9.57%	2002	14.5	43.82	DIMP/TIMP, Missing 192.517	2018-2019
D0067264	Inlet 023-R-083	250	3		877	600	400	720		400	X		UNVALID	4.5	0.188	35000	0.6	NO	YES	YES	8.55%	6.78%	2002	101.6	36.05	DIMP/TIMP, Missing 192.517	2018-2019
D0067948	4" East Port of Pasco H.P. Line	300	3		877	650	433	720		433	X		UNVALID	4.5	0.188	35000	0.6	NO	YES	YES	10.26%	8.14%	2002	1,035.6	49.26	DIMP/TIMP, Missing 192.517	2018-2019
D0068519	Inlet 023-R-080	250	3		1361	650	433	1440		433	X		UNVALID	2.375	0.154	35000	0.6	NO	NO	YES	5.51%	5.51%	2002	25.0	28.01	DIMP/TIMP, Missing 192.517	2018-2019
D0069144	4" Plymouth H.P. Line	400	3		877	600	400	NA		400	X		UNVALID	4.5	0.188	35000	0.6	NO	NA	NA	13.68%	NA	2003	183.9	41.68	DIMP/TIMP, Missing 192.517	2018-2019
D0069531	Inlet 023-R-082	250	3		1361	600	400	1440		400	X	X	VALID	2.375	0.154	35000	0.6	NO	NA	NA	5.51%	NA	2003	69.0	27.51	Accept Most Stringent Criteria	--
D0070621	Inlet 023-R-084	250	3		1361	600	400	1440		400	X	X	VALID	2.375	0.154	35000	0.6	NO	NA	NA	5.51%	NA	2003	21.0	27.51	Accept Most Stringent Criteria	--
D0070667	6" West Richland H.P. Line	250	3		544	750	500	1440		500	X		UNVALID	6.625	0.188	46000	0.8	NO	YES	YES	9.58%	18.35%	2003	2,945.3	56.85	DIMP/TIMP, Missing 192.517	2018-2019
D0071055	Inlet 023-R-085	250	3		1052	0	0	720		0			UNVALID	4.5	0.188	42000	0.6	NO	YES	YES	7.12%	8.45%	2003	19.9	54.45	Pressure Test/Replace	2018-2023
4500155	HPSS 4500155	200	3		1549	750	1	UNKV		1			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.87%	NA	2004	29.0	25.37	Addressed w/ 116 Segment	2020
4682320	HPSS 4682320	250	3		1549	650	1	UNKV		1			UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	4.84%	4.84%	2004	9.5	26.34	Pressure Test/Replace	2024-2028
4692278	HPSS 4682275	250	3		1193	650	433	UNKV		433	X	Service	UNVALID	1.315	0.109	24000	0.6	YES	NA	NA	6.28%	NA	2004	6.0	31.78	Expose/Verify, DIMP/TIMP	2018-2028
4696940	HPSS 4696940	250	3		1549	90	1	UNKV		1			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	2004	12.0	26.34	Pressure Test/Replace	2024-2028
4834860	HPSS 4834860	250	3		1193	90	1	UNKV		1			UNVALID	1.315	0.109	24000	0.6	YES	NA	NA	6.28%	NA	2004	16.0	36.78	Pressure Test/Replace	2024-2028
4835880	HPSS 4835880	250	3		1549	650	433	UNKV		433	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	4.84%	4.84%	2004	19.0	25.34	Expose/Verify, DIMP/TIMP	2018-2028
4950141	HPSS 4950141	250	3		1549	750	1	UNKV		1			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	2004	12.0	26.34	Pressure Test/Replace	2024-2028
4500137	HPSS 4500137	200	3		1549	650	1	UNKV		1			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.87%	NA	2005	9.0	24.87	Addressed w/ 116 Segment	2020
4500138	HPSS 4500138	200	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.87%	NA	2005	10.0	23.87	Expose/Verify, DIMP/TIMP	2018-2028
4554210	HPSS 4554210	250	3		1549	700	1	UNKV		1			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	2005	22.0	25.84	Pressure Test/Replace	2024-2028
D0075204	Inlet 023-R-086	250	3		1361	750	500	1440		500	X	X	VALID	2.375	0.154	35000	0.6	NO	NA	NA	5.51%	NA	2005	29.0	26.51	Accept Most Stringent Criteria	--
D0077942	Inlet 023-R-087	250	3		499	750	500	720		499	X	X	VALID	4.5	0.156	24000	0.6	NO	NO	YES	15.02%	6.78%	2005	42.3	45.02	Accept Most Stringent Criteria	--
D0078199	Inlet 023-R-088	200	3		1361	750	500	1440		500	X		UNVALID	1.05	0.113	35000	0.6	NO	NO	YES	2.65%	4.41%	2005	47.0	20.41	DIMP/TIMP, Missing 192.517	2018-2019
D0078941	8" Attalia Transmission Line	300	3		802	600	400	1440		400	X	X	VALID	8.625	0.188	46000	0.8	NO	NA	NA	14.96%	NA	2005	4,430.7	48.46	Accept Most Stringent Criteria	--
4692331	HPSS 4692331	250	3		1549	450	1	UNKV		1			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	2006	9.0	25.34	Pressure Test/Replace	2024-2028
4693504	HPSS 4693504	250	3		1549	450	300	UNKV		300	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	2006	18.0	24.34	Expose/Verify, DIMP/TIMP	2018-2028
4802500	HPSS 4802500	300	3		2112	600	400	UNKV		400	X	Service	UNVALID	1.05	0.154	24000	0.6	YES	NA	NA	4.26%	NA	2006	4.0	23.76	Expose/Verify, DIMP/TIMP	2018-2028
D0078546	Inlet 023-R-089	158	3		1361	0	0	720		0			UNVALID	2.375	0.154	35000	0.6	NO	NO	YES	3.48%	3.48%	2006	17.0	28.98	Addressed w/ 116 Segment	2017
D0080029	Inlet 023-R-092	300	3		933	600	400	1440		400	X	X	VALID	2.375	0.154	24000	0.6	NO	NA	NA	9.64%	NA	2006	25.0	34.14	Accept Most Stringent Criteria	--
D0080137	2" Dietrich Rd H.P. Line	300	3		933	750	500	720		500	X		UNVALID	2.375	0.154	35000	0.6	NO	YES	YES	6.61%	9.64%	2006	2,318.1	41.64	DIMP/TIMP, Missing 192.517	2018-2019
D0080697	Inlet 023-R-093	300	3		933	750	500	1440		500	X		UNVALID	2.375	0.154	35000	0.6	NO	YES	YES	6.61%	9.64%	2006	65.0	34.14	DIMP/TIMP, Missing 192.517	2018-2019
D0080711	Inlet 023-R-089	158	3		1361	100	66	1440		66			UNVALID	2.375	0.154	35000	0.6	NO	NA	NA	3.48%	NA	2006	48.1	19.98	Addressed w/ 116 Segment	2017
D0082224	Inlet 023-R-109	250	3		2260	750	500	1440		500	X		UNVALID	1.05	0.113	35000	0.6	NO	NA	NA	3.32%	NA	2007	15.0	18.32	DIMP/TIMP, Missing 192.517	2018-2019
161298	4" Finley H.P. Line	200	3		877	465	310	NA		310	X		UNVALID	4.5	0.188	35000	0.6	NO	NO	YES	6.84%	5.42%	2008	657.0	31.34	DIMP/TIMP, Missing 192.517	2018-2019
4500176	Inlet M&R D0085404	200	3		499	0	0	UNKV		0			UNVALID	4.5	0.156	24000	0.6	YES	YES	YES	12.02%	12.02%	2008	1,581.6	68.02	Pressure Test/Replace	2018-2023
D0083934	Inlet 023-R-096	250	3		499	750	500	720		499	X	X	VALID	4.5	0.188	42000	0.6	NO	YES	YES	7.12%	15.02%	2008	50.5	43.52	Accept Most Stringent Criteria	--
D0084203	Inlet 023-R-097	250	3		1361	750	500	1440		500	X	X	VALID	2.375	0.154	35000	0.6	NO	NO	YES	5.51%	5.51%	2008	55.5	25.01	Accept Most Stringent Criteria	--
D0084967	Inlet 023-R-099	250	3		877	850	566	UNKV		566	X		UNVALID	4.5	0.188	35000	0.6	YES	NO	YES	8.55%	8.45%	2008	774.4	33.05	Expose/Verify, DIMP/TIMP	2018-2028
161237	Inlet 023-R-101	300	3		1361	600	400	740		400	X		UNVALID	2.375	0.154	35000	0.6	NO	NA	NA	6.61%	NA	2009	24.9	25.61	DIMP/TIMP, Missing 192.517	2018-2019
161240	Inlet 023-R-098	300	3		499	95	63	1440		63			UNVALID	4.5	0.188	35000	0.6	NO	YES	YES	10.26%	18.03%	2009	43.0	51.03	Pressure Test/Replace	2018-2023
163136	Inlet 023-R-108	250	3		1193	500	333	720		333	X	X	VALID	1.05	0.113	35000	0.6	NO	YES	YES	3.32%	6.28%	2009	7.9	29.28	Accept Most Stringent Criteria	--
163646	Inlet 023-R-095	250	3		933	0	0	UNKV		0			UNVALID	2.375	0.154	24000	0.6	YES	NA	NA	8.03%	NA	2009	25.0	51.03	Pressure Test/Replace	2018-2023
166068	Inlet 023-R-102	250	3		933	0	0	720		0			UNVALID	2.375	0.154	24000	0.6	NO	YES	YES	8.03%	8.03%	2009	71.4	51.03	Pressure Test/Replace	2018-2023
D0085196	Inlet 023-R-098	300	3		NA	NA	NA	720		720	X		UNVALID	NA	NA	NA	NA	NO	NA	NA	NA	NA	2009	0.0	14.00	DIMP/TIMP, Missing 192.517	2018-2019
171773	6" West Richland H.P. Line	250	3		544	750	500	720		500	X	X	VALID	6.625	0.25	52000	0.8	NO	YES	YES	6.37%	18.35%	2010	2,929.9	53.35	Accept Most Stringent Criteria	--
4740096	Inlet 023-R-103	300	3		1193	0	0	740		0			UNVALID	1.315	0.109	24000	0.6	NO	YES	YES	7.54%	7.54%	2010	16.0	50.04	Pressure Test/Replace	2018-2023
177457	Inlet 023-R-111	250	3		1303	750	500	720		500	X	X	VALID	4.5	0.188	52000	0.6	NO	NO	YES	5.75%	4.56%	2011	58.7	23.75	Accept Most Stringent Criteria	--
180655	Inlet 023-R-112	250	3		1193	800	533	720		533	X	X	VALID	1.315	0.133	30000	0.6	NO	YES	YES	4.12%	6.28%	2011	20.0	28.28	Accept Most Stringent Criteria	--
183235	4" Finley H.P. Line	200	3		1052	860	573	720		573	X	X	VALID	4.5	0.188	42000	0.6	NO	NO	YES	5.70%	5.42%	2011	161.2	24.70	Accept Most Stringent Criteria	--
183768	8"Attalia Transmission Line	300	3		1205	800	533	720		533	X	X	VALID	8.625	0.25	52000	0.8	NO	NO	YES	9.95%	7.73%	2011	770.5	32.95	Accept Most Stringent Criteria	--
188022	023-V-134	250	3		499	0	0	720		0			UNVALID	6.625	0.188	52000	0.8	NO	YES	YES	8.47%	15.02%	2011	136.8	63.02	Pressure Test/Replace	2018-2023
194428	Main to HPSS 1287597377	300	3		877	600	400	720		400	X	X	VALID	4.5	0.188	35000	0.6	NO	NO	YES	10.26%	8.14%	2012	35.2	32.76	Accept Most Stringent Criteria	--
194550	Inlet 023-R-114	300	3		1052	750	500	720		500	X	Service	VALID	4.5	0.188	42000	0.6	NO	NA	NA	8.55%	NA	2012	29.0	26.05	Accept Most Stringent Criteria	--
2634142817	HPSS 2634142817	300	3		1193	100	1	UNKV		1			UNVALID	1.315	0.109	24000	0.6	YES	NA	NA	7.54%	NA	2012	15.0	34.04	Pressure Test/Replace	2024-2028
3420329860	HPSS 3420329860	300	3		933	600	400	UNKV		400	X	Service	UNVALID	2.375	0.154	24000	0.6	YES	NA	NA	9.64%	NA	2012	77.0	31.14	Expose/Verify, DIMP/TIMP	2018-2028
3894673266	HPSS 3894673266	300	3		1193	850	566	UNKV		566	X	Service	UNVALID	1.315	0.109	24000	0.6	YES	NA	NA	7.54%	NA	2012	55.0	29.04	Expose/Verify, DIMP/TIMP	2018-2028
4898318305	HPSS 4898318305	250	3		1549	100	1	UNKV		1			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	2012	9.0	22.34	Pressure Test/Replace	2024-2028
194009	Inlet 023-R-115	300	3		933	600	400	720		400	X	X	VALID	2.375	0.154	24000	0.6	NO	YES	YES	9.64%	9.64%	2013	25.0	30.64	Accept Most Stringent Criteria	--
200560	8"Attalia Transmission Line	300	3		1205	750	500	720		500	X	X	VALID	8.625	0.25	52000	0.8	NO	NO	YES	9.95%	7.73%	2013	99.8	26.95	Accept Most Stringent Criteria	--
2076066725	HPSS 2076066725	250	3		499	800	533	UNKV		499	X	Service	UNVALID	4.5	0.156	24000	0.6	YES	NA	NA	15.02%	NA	2013	18.0	41.02	Expose/Verify, DIMP/TIMP	2018-2028
4969344952	HPSS 4969344952	250	3		1193	740	493	UNKV		493	X	Service	UNVALID	1.315	0.109	24000	0.6	YES	NA	NA	6.28%	NA	2013	15.0	27.28	Expose/Verify, DIMP/TIMP	2018-2028
200521-IN	Inlet 023-R-116	809	3		1643	1425	950	1440		950	X	X	VALID	4.5	0.237	52000	0.6	NO	NO	YES	14.77%	14.77%	2013	0.0	36.77	Accept Most Stringent Criteria	--
208908	2" Dietrich Rd H.P. Line	300	3		1193	750	500	UNKV		500	X	X	UNVALID	2.375	0.154	52000	0.6	YES	YES	YES	4.45%	7.54%	2014	4,583.1	35.54	Expose/Verify, DIMP/TIMP	2018-2028
213428	8"Attalia Transmission Line	300	3		499	750	500	720		499	X	X	VALID	8.625	0.25	52000	0.8	NO	YES	YES	11.48%	18.03%	2014	35.2	43.53	Accept Most Stringent Criteria	--
4650395	HPSS 4650395	250	3		980	100	66	UNKV		66			UNVALID	1.66	0.113	24000	0.6	YES	NA	NA	7.65%	NA	2014	3.0	33.15	Pressure Test/Replace	2024-2028
1287597377	HPSS 1287597377	300	3		1193	750	500	UNKV		500	X	Service	UNVALID	1.315	0.109	24000	0.6	YES	NA	NA	7.54%	NA	2014	21.0	28.04	Expose/Verify, DIMP/TIMP	2018-2028
216023	Pasco H.P. Distribution System (023-V-171)	300	3		499	755	503	720		499	X	X	VALID	4.5	0.188	42000	0.6	NO	YES	YES	8.55%	18.03%	2015	27.0	43.03	Accept Most Stringent Criteria	--
219407	8"Attalia Transmission Line	300	3		1045	750	500	720		500	X	X	VALID	8.625	0.25	52000	0.8	NO	YES	YES	11.48%	7.73%	2015	37.6	36.48	Accept Most Stringent Criteria	--
225109	Inlet 023-R-084	250	3		NA	NA	NA	720		720	X	X	VALID	NA	NA	NA	NA	NO	NA	NA	NA	NA	2015	0.0	11.00	No Action Needed	--
4500107	HPSS 4500107	250	3		1549	800	533	UNKV		533	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	4.84%	4.84%	2015	33.0	19.84	Expose/Verify, DIMP/TIMP	2018-2028
5252249967	HPSS 5252249967	250	3		2088	750	500	UNKV		500	X	Service	UNVALID	1.315	0.109	42000	0.6	YES	NA	NA	3.59%	NA	2015	12.0	14.59	Expose/Verify, DIMP/TIMP	2018-2028
9356616640	HPSS 9356616640	250	3		2088	800	533	UNKV		533	X	Service	UNVALID	1.315	0.109	42000	0.6	YES	NA	NA	3.59%	NA	2015	21.3	14.59	Expose/Verify, DIMP/TIMP	2018-2028
216023-T	8"Attalia Transmission Line	300	3		906	755	503	720		503	X	X	VALID	8.625	0.188	52000	0.8	NO	NO	YES	13.23%	7.73%	2015	0.0	34.23	Accept Most Stringent Criteria	--
KennL4-1	Pasco H.P. Distribution System	300	3		499	450	321	1440		321	X		UNVALID	4.5	0.156	24000	0.6	NO	YES	YES	18.03%	8.14%	2015	10,721.7	58.03	116 Segment, Most Stringent Criteria	2016
11097 (2)	4" Glade Road H.P. Line	150	3		877	0	0	250		0			UNVALID	4.5	0.188	35000	0.6	NO	YES	YES	5.13%	4.07%	1966	2,002.9	80.13	116 Segment, Pressure Test	2018
4950126	Inlet M&R 53237	250	3		681	750	500	NA		500	X	Service	VALID	6.625	0.188	24000	1	NO	YES	NO	18.35%	18.35%	1997	27.0	50.35	Accept Most Stringent Criteria	--
DD000273	Inlet 023-R-079	250	3		1843	0	0	275		0			UNVALID	4.5	0.237	35000	1	NO	NO	NO	6.78%	6.78%	2001	116.1	48.78	Pressure Test/Replace	2024-2028
194010	Outlet 023-R-115	158	3		1361	375	250	720		250	X	X	VALID	2.375	0.154	42000	0.6	NO	NO	YES	2.90%	3.48%	2013	47.3	15.48	Accept Most Stringent Criteria	--
200521-OUT	Outlet 023-R-116	300	3		1643	750	500	720		500	X	X	VALID	4.5	0.237	52000	0.6	NO	NO	YES	5.48%	5.48%	2013	0.0	22.48	Accept Most Stringent Criteria	--

Work Order #	Segment Name	Existing MAOP (psig)	Class Location (1,2,3,4)	Uprate (YES/NO)	Design Pressure 192.619 (a) (1) (psig)	Test Pressure (psig)	Test Pressure 192.619 (a) (2) (psig)	Pressure Class Rating (psig)	Hi-5 Pressure (psig) 192.619 (a) (3)	MAOP per 192.619 (psig)	Meets 192.619	Meets 192.517	MAOP Designation	Max Outside Diameter, OD1 (inches)	Min Wall Thickness, WT1 (inches)	Min SMYS, SMYS1 (psig)	Min Longitudinal Joint Factor, E1 (E)	Unknown Pressure Rated Fitting (YES/NO)	Fittings w/ Assumed SMYS (YES/NO)	Fittings w/ Assumed Joint Factor (YES/NO)	Max Pipe % SMYS	Max Fitting % SMYS	Install Date (Year)	Pipe Length (Feet)	Total Score	Action Plan	Action Year
6856710936	HPSS 6856710936	300	3		1549	0	0	NA		0			UNVALID	1.05	0.113	24000	0.6	NO	NA	NA	5.81%	NA	2014	2.0	46.31	Pressure Test/Replace	2024-2028
189413	Inlet 023-R-113	150	3		2738	0	0	720		0			UNVALID	4.5	0.237	52000	1	NO	NO	NO	2.74%	2.74%	2015	21.0	21.74	Pressure Test/Replace	2024-2028
214539 (R-117 IN)	Inlet 023-R-117	811	3		2426	0	0	NA		0			UNVALID	8.625	0.322	65000	1	NO	NA	NA	16.71%	NA	2016	0.0	55.21	Pressure Test/Replace	2018-2023
214539 (R-117 OUT)	Outlet 023-R-117	500	3		1507	0	0	NA		0			UNVALID	8.625	0.25	52000	1	NO	NA	NA	16.59%	NA	2016	0.0	55.09	Pressure Test/Replace	2018-2023
214539 (R-120)	Inlet 023-R-120	500	3		1754	750	500	740		500	X		UNVALID	4.5	0.188	42000	1	NO	NO	NO	14.25%	9.13%	2016	43.6	32.75	DIMP/TIMP, Missing 192.517	2018-2019
9978315734	HPSS 9978315734	300	3		3539	800	533	740		533	X	Service	VALID	1.315	0.133	35000	1	NO	NA	NA	4.24%	NA	2017	8.0	12.24	No Action Needed	--
155676464	HPSS 0155676464	200	3		3539	800	533	1440		533	X	Service	VALID	1.315	0.133	35000	1	NO	NA	NA	2.82%	NA	2017	14.0	10.82	No Action Needed	--

Work Order #	Segment Name	Existing MAOP (psig)	Class Location (1,2,3,4)	Uprate (YES/NO)	Design Pressure 192.619 (a) (1) (psig)	Test Pressure (psig)	Test Pressure 192.619 (a) (2) (psig)	Pressure Class Rating (psig)	Hi-5 Pressure (psig) 192.619 (a) (3)	MAOP per 192.619 (psig)	Meets 192.619	Meets 192.517	MAOP Designation	Max Outside Diameter, OD1 (inches)	Min Wall Thickness, WT1 (inches)	Min SMYS, SMYS1 (psig)	Min Longitudinal Joint Factor, E1 (E)	Unknown Pressure Rated Fitting (YES/NO)	Fittings w/ Assumed SMYS (YES/NO)	Fittings w/ Assumed Joint Factor (YES/NO)	Max Pipe % SMYS	Max Fitting % SMYS	Install Date (Year)	Pipe Length (Feet)	Total Score	Action Plan	Action Year
Pre-CNGC-L1-1	Longview-Kelso H.P. Distribution Line	250	4		301	0	0	NA		0			UNVALID	12.75	0.25	24000	0.8	NO	NA	NA	26.56%	NA	1957	20,341.0	169.06	116 Segment, Replace	2017-2021
Pre-CNGC-L1-1	Longview-Kelso H.P. Distribution Line	250	4		301	0	0	275		0			UNVALID	12.75	0.25	24000	0.8	NO	YES	YES	26.56%	26.56%	1957	4,421.8	161.56	116 Segment, Replace	2017-2021
PRE-CNG (011-R-001)	Inlet 011-R-001	250	3		418	0	0	NA		0			UNVALID	8.625	0.188	24000	0.8	NO	YES	YES	23.89%	23.89%	1956	9.1	120.39	Pressure Test/Replace	2018-2023
Pre-CNGC-L1-2	Longview-Kelso H.P. Distribution Line	250	3		499	0	0	NA		0			UNVALID	4.5	0.156	24000	0.6	NO	NA	NA	15.02%	NA	1957	3,108.6	105.52	116 Segment, Most Stringent Criteria	2016
28621	Longview-Kelso H.P. Distribution Line	250	3		376	0	0	NA		0			UNVALID	12.75	0.25	52000	0.8	NO	YES	YES	12.26%	26.56%	1980	988.7	104.06	116 Segment, Pressure Test	2021
PRE-CNG (Inlet 011-R-	Inlet 011-R-020	250	3		418	0	0	NA		0			UNVALID	8.625	0.188	24000	0.8	NO	YES	YES	23.89%	23.89%	1971	93.1	100.89	Addressed w/ 116 Segment	2017-2021
UNKV (Kalama)	8" Kalama H.P. Line	300	3		418	0	0	NA		0			UNVALID	8.625	0.188	24000	0.8	NO	NA	NA	28.67%	NA	1996	708.4	108.17	Pressure Test/Replace	2018-2023
82C8335-3	Longview-Kelso H.P. Distribution Line	250	3		499	0	0	NA		0			UNVALID	4.5	0.188	24000	0.6	NO	YES	YES	12.47%	15.02%	1965	151.2	91.02	116 Segment, Replace	2019
51820	8" Kalama Transmission Line	300	3		418	750	500	720		418	X	X	VALID	8.625	0.188	24000	0.8	NO	YES	YES	28.67%	28.67%	1996	7,731.5	98.17	Accept Most Stringent Criteria	--
52389	011-V-049	300	3		544	0	0	720		0			UNVALID	6.625	0.188	24000	0.8	NO	NA	NA	22.02%	NA	1997	4.3	86.02	Pressure Test/Replace	2018-2023
51820	8" Kalama H.P. Line	300	3		418	750	500	720		418	X	X	VALID	8.625	0.188	24000	0.8	NO	YES	YES	28.67%	28.67%	1996	1,745.1	95.67	Accept Most Stringent Criteria	--
PRE-CNG (Main Stub)	Main Stub	250	3		933	0	0	NA		0			UNVALID	2.375	0.154	24000	0.6	NO	YES	YES	8.03%	8.03%	1957	1.0	84.53	Addressed w/ 116 Segment	2017-2021
82C8335-2	Longview-Kelso H.P. Distribution Line	250	3		933	0	0	1440		0			UNVALID	2.375	0.154	24000	0.6	NO	YES	YES	8.03%	8.03%	1965	516.2	81.53	116 Segment, Replace	2019
PRE-CNG (Inlet 011-R-	Inlet 011-R-002	250	3		499	0	0	NA		0			UNVALID	4.5	0.156	24000	0.6	NO	YES	YES	15.02%	15.02%	1972	41.8	81.52	Pressure Test/Replace	2018-2023
14616	Longview-Kelso H.P. Distribution Line	250	3		499	728	520	UNKV		499	X	NA	UNVALID	4.5	0.188	35000	0.6	YES	YES	YES	8.55%	15.02%	1968	4,176.5	74.52	Expose/Verify, DIMP/TIMP	2018-2028
16460	Inlet 011-R-050	300	3		933	0	0	NA		0			UNVALID	2.375	0.154	24000	0.6	NO	NA	NA	9.64%	NA	1969	20.0	74.14	Pressure Test/Replace	2018-2023
52192	Main Stub	300	3		418	175	116	NA		116			UNVALID	8.625	0.188	24000	0.8	NO	NA	NA	28.67%	NA	1997	0.1	82.67	Pressure Test/Replace	2018-2023
24676	4" Kalama H.P. Line	300	4		399	620	413	NA		399	X		UNVALID	4.5	0.156	24000	0.6	NO	YES	YES	18.03%	18.03%	1976	8,071.8	74.53	116 Segment, Replace	2021
PRE-CNG (Inlet 011-R-	Inlet 011-R-003	250	3		933	0	0	NA		0			UNVALID	2.375	0.154	24000	0.6	NO	NA	NA	8.03%	NA	1970	33.0	71.53	Pressure Test/Replace	2018-2023
15953	Longview-Kelso H.P. Distribution Line	250	3		549	785	560	NA		549	X	NA	VALID	12.75	0.25	35000	0.8	NO	NA	NA	18.21%	NA	1969	942.7	70.21	Accept Most Stringent Criteria	--
25726	Longview-Kelso H.P. Distribution Line	250	3		499	430	286	NA		286	X	X	VALID	12.75	0.25	35000	0.8	NO	YES	YES	18.21%	18.21%	1978	4,322.7	69.21	Accept Most Stringent Criteria	--
E0066903	011-O-002	250	3		564	0	0	720		0			UNVALID	12.75	0.25	52000	0.8	NO	YES	YES	12.26%	17.71%	2002	26.3	69.21	Addressed w/ 116 Segment	2017-2021
82C8335	4" Dike Road H.P. Line	80	3		499	0	0	NA		0			UNVALID	4.5	0.188	24000	0.6	NO	YES	YES	3.99%	4.81%	1965	6,344.9	68.31	116 Segment, Replace	2018
23046	Longview-Kelso H.P. Distribution Line	250	3		499	760	506	NA		499	X		UNVALID	4.5	0.156	24000	0.6	NO	YES	YES	15.02%	15.02%	1974	1,350.4	68.02	DIMP/TIMP, Missing 192.517	2018-2019
43600	12" South Longview H.P. Line	499	3		1017	1080	720	720		720	X	X	VALID	12.75	0.312	52000	0.8	NO	YES	YES	19.61%	18.88%	1995	22,387.2	69.61	Accept Most Stringent Criteria	--
192344	M&R 192344	250	3		544	0	0	NA		0			UNVALID	6.625	0.188	24000	0.8	NO	YES	YES	18.35%	18.35%	2013	38.5	64.35	Pressure Test/Replace	2018-2023
32764	Longview-Kelso H.P. Distribution Line	250	3		549	455	303	NA		303	X	X	VALID	12.75	0.25	35000	0.8	NO	NO	YES	18.21%	12.14%	1985	1,149.9	61.71	Accept Most Stringent Criteria	--
52388	011-O-007	300	3		1056	0	0	NA		0			UNVALID	6.625	0.25	35000	0.8	NO	NO	YES	11.36%	10.14%	1997	27.0	61.36	Pressure Test/Replace	2018-2023
165133	Inlet 011-R-046	499	3		877	0	0	720		0			UNVALID	4.5	0.188	35000	0.6	NO	NO	YES	17.06%	13.54%	2009	40.0	61.06	Pressure Test/Replace	2018-2023
1661	M&R 13913, 45514, E0083149	250	3		499	0	0	NA		0			UNVALID	4.5	0.156	24000	0.6	NO	YES	YES	15.02%	15.02%	2013	4.0	61.02	Addressed w/ 116 Segment	2017-2021
35534	Longview-Kelso H.P. Distribution Line	250	3		499	375	250	NA		250	X	X	VALID	4.5	0.188	35000	0.6	NO	YES	YES	8.55%	15.02%	1988	1,131.0	61.02	Accept Most Stringent Criteria	--
21727	Inlet 011-R-014	250	3		499	750	500	720		499	X	X	VALID	4.5	0.188	35000	0.6	NO	YES	YES	8.55%	15.02%	1975	83.5	60.02	Accept Most Stringent Criteria	--
60516	8" Kalama Transmission Line	300	3		716	790	526	720		526	X		UNVALID	8.625	0.25	35000	0.8	NO	YES	YES	14.79%	16.74%	2001	62.4	58.74	DIMP/TIMP, Missing 192.517	2018-2019
25725	Longview-Kelso H.P. Distribution Line	250	3		549	440	293	960		293	X	X	VALID	12.75	0.25	35000	0.8	NO	NO	YES	18.21%	12.14%	1978	267.5	58.71	Accept Most Stringent Criteria	--
43601	Outlet 011-R-030	250	3		564	375	250	960		250	X	X	VALID	12.75	0.312	35000	0.8	NO	NO	YES	17.71%	12.14%	1995	500.5	57.71	Accept Most Stringent Criteria	--
16087	Inlet 011-R-018	250	3		933	110	78	NA		78			UNVALID	2.375	0.154	35000	0.6	NO	YES	YES	5.51%	8.03%	1969	56.7	57.53	Pressure Test/Replace	2018-2023
47136	Longview-Kelso H.P. Distribution Line	250	3		499	600	400	NA		400	X	X	VALID	4.5	0.188	35000	0.6	NO	YES	YES	8.55%	15.02%	1994	744.7	55.52	Accept Most Stringent Criteria	--
E0073430	Inlet 011-R-050	300	3		933	0	0	720		0			UNVALID	2.375	0.154	24000	0.6	NO	YES	YES	9.64%	9.64%	2004	2.5	55.14	Pressure Test/Replace	2018-2023
E0084526	Inlet 011-R-044	300	3		933	0	0	300		0			UNVALID	2.375	0.154	35000	0.6	NO	YES	YES	6.61%	9.64%	2008	129.3	54.14	Pressure Test/Replace	2018-2023
49630	Inlet 011-R-032	300	3		499	900	600	1440		499	X		UNVALID	2.375	0.154	35000	0.6	NO	YES	YES	6.61%	18.03%	1995	108.1	54.03	DIMP/TIMP, Missing 192.517	2018-2019
E0072366	Longview-Kelso H.P. Distribution Line	250	3		499	600	400	720		400	X		UNVALID	6.625	0.188	24000	0.8	NO	YES	YES	18.35%	15.02%	2004	616.8	53.85	DIMP/TIMP, Missing 192.517	2018-2019
60516	8" Kalama Transmission Line	300	3		811	790	526	720		526	X		UNVALID	8.625	0.25	35000	0.8	NO	NO	YES	14.79%	11.48%	2001	146.4	53.79	DIMP/TIMP, Missing 192.517	2018-2019
52189	011-V-042, 046	300	3		1106	0	0	720		0			UNVALID	4.5	0.237	46000	0.6	NO	NO	YES	6.19%	8.14%	1996	95.4	53.64	Pressure Test/Replace	2018-2023
49627	6" Kalama H.P. Line	300	3		794	750	500	UNKV		500	X	X	UNVALID	8.625	0.25	35000	0.8	YES	NO	YES	15.10%	10.14%	1995	3,597.4	53.60	Expose/Verify, DIMP/TIMP	2018-2028
35461	011-V-019	250	3		499	375	250	400		250	X	X	VALID	4.5	0.156	24000	0.6	NO	NA	NA	15.02%	NA	1988	30.0	53.52	Accept Most Stringent Criteria	--
PRE-CNG (Inlet 011-R-	Inlet 011-R-048	150	3		933	0	0	NA		0			UNVALID	2.375	0.154	24000	0.6	NO	YES	YES	4.82%	4.82%	1970	5.0	53.32	Pressure Test/Replace	2018-2023
3150200	HPSS 3150200	300	3		499	900	600	UNKV		499	X	Service	UNVALID	4.5	0.156	24000	0.6	YES	NA	NA	18.03%	NA	1995	82.1	53.03	Expose/Verify, DIMP/TIMP	2018-2028
2742110	HPSS 2742110	250	3		1214	100	66	NA		66			UNVALID	1.66	0.14	24000	0.6	NO	NA	NA	6.18%	NA	1972	60.0	52.68	Pressure Test/Replace	2018-2023
43601 (011-V-031)	011-V-031	499	3		1122	1080	720	720		720	X	X	VALID	12.75	0.344	52000	0.8	NO	YES	YES	17.78%	16.31%	1995	16.0	52.78	Accept Most Stringent Criteria	--
173404	011-O-005	150	3		499	0	0	NA		0			UNVALID	4.5	0.237	42000	0.6	NO	YES	YES	3.39%	9.01%	2010	90.5	51.51	Pressure Test/Replace	2018-2023
52844	8" Kalama H.P. Line	300	3		1045	168	112	NA		112		X	UNVALID	8.625	0.25	46000	0.8	NO	NO	YES	11.25%	11.48%	1997	724.3	51.48	Pressure Test/Replace	2018-2023
43606	Inlet 011-R-030	499	3		1045	1080	720	720		720	X	X	VALID	12.75	0.375	52000	0.8	NO	NO	YES	19.09%	16.87%	1995	115.0	51.09	Accept Most Stringent Criteria	--
887	Inlet 011-R-031	250	3		499	660	440	NA		440	X	Service	VALID	4.5	0.156	24000	0.6	NO	YES	YES	15.02%	15.02%	1994	7.0	50.52	Accept Most Stringent Criteria	--
E0065695	Longview-Kelso H.P. Distribution Line	250	3		685	740	493	960		493	X		UNVALID	12.75	0.312	35000	0.8	NO	NO	YES	14.59%	12.14%	2001	1,193.1	50.09	DIMP/TIMP, Missing 192.517	2018-2019
43607	M&R 43607	499	3		1045	1080	720	NA		720	X	Service	VALID	12.75	0.375	52000	0.8	NO	NO	YES	19.09%	16.87%	1995	99.0	50.09	Accept Most Stringent Criteria	--
52438	Longview-Kelso H.P. Distribution Line	250	3		499	600	400	UNKV		400	X	X	UNVALID	4.5	0.188	35000	0.6	YES	YES	YES	8.55%	15.02%	1998	335.7	49.52	Expose/Verify, DIMP/TIMP	2018-2028
36627	4" Woodland H.P. Line	150	3		499	460	306	NA		306	X	X	VALID	4.5	0.188	35000	0.6	NO	YES	YES	5.13%	9.01%	1989	2,582.9	49.51	Accept Most Stringent Criteria	--
EE001104	Inlet 011-R-042	300	3		1106	0	0	720		0			UNVALID	4.5	0.237	35000	0.6	NO	NO	YES	8.14%	8.14%	2005	19.7	49.14	Pressure Test/Replace	2018-2023
59671	Longview-Kelso H.P. Distribution Line	250	3		685	720	480	400		400	X	X	VALID	12.75	0.312	35000	0.8	NO	NO	YES	14.59%	12.14%	2003	3,546.5	49.09	Accept Most Stringent Criteria	--
49628	6" Kalama H.P. Line	300	3		877	900	600	720		600	X		UNVALID	4.5	0.188	35000	0.6	NO	NA	NA	10.26%	NA	1995	1,146.8	48.76	DIMP/TIMP, Missing 192.517	2018-2019
198862	Longview-Kelso H.P. Distribution Line	250	4		399	750	500	720		399	X	X	VALID	12.75	0.312	52000	0.8	NO	YES	YES	10.12%	15.02%	2013	3,207.0	50.52	Accept Most Stringent Criteria	--
2980300	HPSS 2980300	250	3		1549	700	466	UNKV		466	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	4.84%	4.84%	1965	36.0	48.34	Expose/Verify, DIMP/TIMP	2018-2028
165128	12" South Longview H.P. Line	499	3		1223	1080	720	720		720	X		UNVALID	12.75	0.375	52000	0.8	NO	NO	YES	16.31%	16.31%	2009	1,326.1	47.81	DIMP/TIMP, Missing 192.517	2018-2019
23111	Longview-Kelso H.P. Distribution Line	250	3		933	750	500	1440		500	X		UNVALID	2.375	0.154	35000	0.6	NO	YES	YES	5.51%	8.03%	1976	38.0	47.53	DIMP/TIMP, Missing 192.517	2018-2019
2980170	HPSS 2980170	250	3		1549	30	21	NA		21			UNVALID	1.05	0.113	24000	0.6	NO	NA	NA	4.84%	NA	1967	44.0	47.34	Addressed w/ 116 Segment	2017-2021
2980320	HPSS 2980320	250	3		1549	30	21	NA		21			UNVALID	1.05	0.113	24000	0.6	NO	NA	NA	4.84%	NA	1967	40.0	47.34	Addressed w/ 116 Segment	2017-2021
24703	Inlet 011-R-024	300	3		1361	100	66	NA		66			UNVALID	2.375	0.154	35000	0.6	NO	NA	NA	6.61%	NA	1977	23.4	46.61	Addressed w/ 116 Segment	2021
3130092	HPSS 3130092	300	3		499	775	516	UNKV		499	X	Service	UNVALID	4.5	0.156	24000	0.6	YES	NA	NA	18.03%	NA	2008	15.0	46.53	Expose/Verify, DIMP/TIMP	2018-2028
49633	Inlet 011-R-033	300	3		794	900	600	720		600	X		UNVALID	6.625	0.188	35000	0.8	NO	NO	YES	15.10%	10.14%	1995	7.0	46.10	DIMP/TIMP, Missing 192.517	2018-2019
3130030	HPSS 3130030	300	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	5.81%	5.81%	1976	49.1	45.31	Expose/Verify, DIMP/TIMP	2018-2028
2980280	HPSS 2980280	250	3		1549	100	71	NA		71			UNVALID	1.05	0.113	24000	0.6	NO	NA	NA	4.84%	NA	1970	57.1	44.34	Addressed w/ 116 Segment	2017-2021
2742105	HPSS 2742105	250	3		1193	375	250	UNKV		250	X	Service	UNVALID	1.315	0.109	24000	0.6	YES	NA	NA	6.28%	NA	1979	63.0	44.28	Expose/Verify, DIMP/TIMP	2018-2028
E0084018	Longview-Kelso H.P. Distribution Line	250	3		617	750	500	720		500	X	X	VALID	12.75	0.375	52000	0.8	NO	NO	YES	8.17%	12.14%	2008	4,297.8	44.14	Accept Most Stringent Criteria	--
E0072303	Longview-Kelso H.P. Distribution Line	250	3		815	600	400	960		400	X	X	VALID	12.75	0.25	52000	0.8	NO	NO	YES	12.26%	12.14%	2004	182.8	43.76	Accept Most Stringent Criteria	--
173058	Longview-Kelso H.P. Distribution Line	250	3		815	812	541	400		400	X	X	VALID	12.75	0.25	52000	0.8	NO	NO	YES	12.26%	8.17%	2010	1,551.4	43.26	Accept Most Stringent Criteria	--
59951	8" Kalama H.P. Line	300	3		811	810	540	NA		540	X		UNVALID	8.625	0.25	35000	0.8	NO	NA	NA	14.79%	NA	2001	83.1	42.79	DIMP/TIMP, Missing 192.517	2018-2019
2980305	Service Stub	250	3		1549	0	0	NA		0			UNVALID	1.05	0.113	24000	0.6	NO	NO	YES	4.84%	3.32%	1991	2.0	41.84	Addressed w/ 116 Segment	2017-2021
E0082119	8" Kalama Transmission Line	300	3		1045	730	486	NA		486	X	X	VALID	8.625	0.322	42000	0.8	NO	NO	YES	9.57%	11.48%	2007	646.9	41.48	Accept Most Stringent Criteria	--
E0072367	011-V-069, 070	250	3		811	410	273	720		273	X	X	VALID	8.625	0.25	35000	0.8	NO	NO	YES	12.32%	12.14%	2001	109.0	41.32	Accept Most Stringent Criteria	--
2742125	HPSS 2742125	250	3		1193	750	500	UNKV		500	X	Service	UNVALID	1.315	0.109	24000	0.6	YES	NA	NA	6.28%	NA	1985	60.1	41.28	Expose/Verify, DIMP/TIMP	2018-2028
13163	011-R-021, 011-O-001	152	3		1361	225	150	NA		150			UNVALID	2.375	0.154	35000	0.6	NO	NA	NA	3.35%	NA	1968	7.9	40.85	Pressure Test/Replace	2024-2028
2980295	HPSS 2980295	250	3		1549	700	466	UNKV		466	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	4.84%	4.84%	1973	40.6	40.84	Expose/Verify, DIMP/TIMP	2018-2028
2980307	HPSS 2980307	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1973	11.0	40.84	Expose/Verify, DIMP/TIMP	2018-2028

Work Order #	Segment Name	Existing MAOP (psig)	Class Location (1,2,3,4)	Uprate (YES/NO)	Design Pressure 192.619 (a) (1) (psig)	Test Pressure (psig)	Test Pressure 192.619 (a) (2) (psig)	Pressure Class Rating (psig)	Hi-5 Pressure (psig) 192.619 (a) (3)	MAOP per 192.619 (psig)	Meets 192.619	Meets 192.517	MAOP Designation	Max Outside Diameter, OD1 (inches)	Min Wall Thickness, WT1 (inches)	Min SMYS, SMYS1 (psig)	Min Longitudinal Joint Factor, E1 (E)	Unknown Pressure Rated Fitting (YES/NO)	Fittings w/ Assumed SMYS (YES/NO)	Fittings w/ Assumed Joint Factor (YES/NO)	Max Pipe % SMYS	Max Fitting % SMYS	Install Date (Year)	Pipe Length (Feet)	Total Score	Action Plan	Action Year
2742054	HPSS 2742054	250	3		1549	0	0	NA		0			UNVALID	1.05	0.113	24000	0.6	NO	NA	NA	4.84%	NA	1995	4.0	39.84	Addressed w/ 116 Segment	2018
2742100	HPSS 2742100	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	4.84%	4.84%	1978	113.6	39.34	Expose/Verify, DIMP/TIMP	2018-2028
166621	4" Woodland H.P. Line	150	3		499	375	250	NA		250	X	X	VALID	4.5	0.188	24000	0.6	NO	YES	YES	7.48%	9.01%	2010	1,691.1	39.01	Accept Most Stringent Criteria	--
E0073431	6" South Kalama H.P. Line	300	3		1044	750	500	UNKV		500	X	X	UNVALID	6.625	0.188	46000	0.8	YES	NO	YES	11.49%	10.14%	2004	439.8	38.99	Expose/Verify, DIMP/TIMP	2018-2028
2910525	HPSS 2910525	499	3		1549	1100	733	UNKV		733	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	9.66%	NA	1997	34.0	38.66	Expose/Verify, DIMP/TIMP	2018-2028
2910535	HPSS 2910535	499	3		1549	1200	800	UNKV		800	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	9.66%	9.66%	1998	30.8	38.16	Expose/Verify, DIMP/TIMP	2018-2028
2980314	HPSS 2980314	250	3		1549	850	566	UNKV		566	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1981	7.0	36.84	Expose/Verify, DIMP/TIMP	2018-2028
177226	Longview-Kelso H.P. Distribution Line	250	3		1082	840	560	NA		560	X	X	VALID	12.75	0.375	46000	0.8	NO	NO	YES	9.24%	8.17%	2012	7,654.0	36.74	Accept Most Stringent Criteria	--
EE000176	Inlet 011-R-017	250	3		1549	0	0	1440		0			UNVALID	1.05	0.113	24000	0.6	NO	NA	NA	4.84%	NA	2002	4.7	36.34	Addressed w/ 116 Segment	2017-2021
2980200	HPSS 2980200	250	3		1193	375	250	UNKV		250	X	Service	UNVALID	1.315	0.109	24000	0.6	YES	NA	NA	6.28%	NA	1995	36.0	36.28	Expose/Verify, DIMP/TIMP	2018-2028
32982	Inlet 011-R-011	250	3		1361	750	500	1440		500	X		UNVALID	2.375	0.154	35000	0.6	NO	NO	YES	5.51%	5.51%	1986	14.7	36.01	DIMP/TIMP, Missing 192.517	2018-2019
53094	Longview-Kelso H.P. Distribution Line	250	3		1017	600	400	400		400	X		UNVALID	12.75	0.312	52000	0.8	NO	NO	YES	9.82%	8.17%	1997	108.3	35.82	DIMP/TIMP, Missing 192.517	2018-2019
2742051	HPSS 2742051	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1985	29.0	34.84	Expose/Verify, DIMP/TIMP	2018-2028
2980290	HPSS 2980290	250	3		1549	400	266	UNKV		266	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	4.84%	4.84%	1988	97.1	33.34	Expose/Verify, DIMP/TIMP	2018-2028
2980292	HPSS 2980292	250	3		1549	500	333	UNKV		333	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	4.84%	4.84%	1988	78.3	33.34	Expose/Verify, DIMP/TIMP	2018-2028
1317	M&R E0082073	250	3		933	750	500	NA		500	X	Service	VALID	12.75	0.375	52000	0.8	NO	YES	YES	8.17%	8.03%	2007	230.1	33.17	Accept Most Stringent Criteria	--
1495	HPSS 1495	250	3		933	600	400	UNKV		400	X	Service	UNVALID	2.375	0.154	24000	0.6	YES	NA	NA	8.03%	NA	2005	29.6	33.03	Expose/Verify, DIMP/TIMP	2018-2028
192408	6" South Kalama H.P. Line	300	3		1569	845	563	NA		563	X	X	VALID	6.625	0.25	52000	0.8	NO	NO	YES	7.64%	6.83%	2012	1,860.2	32.64	Accept Most Stringent Criteria	--
E0065803	Inlet 011-R-038	250	3		877	700	466	720		466	X		UNVALID	4.5	0.188	35000	0.6	NO	NO	YES	8.55%	6.78%	2001	15.0	31.55	DIMP/TIMP, Missing 192.517	2018-2019
2930570	HPSS 2930570	250	3		1549	100	66	NA		66			UNVALID	1.05	0.113	24000	0.6	NO	YES	YES	4.84%	4.84%	1994	11.0	31.34	Addressed w/ 116 Segment	2017-2021
124	HPSS 124	80	3		499	250	166	UNKV		166	X	Service	UNVALID	4.5	0.156	24000	0.6	YES	NA	NA	4.81%	NA	1994	203.4	31.31	Expose/Verify, DIMP/TIMP	2018-2028
190874	Inlet 011-R-008	250	3		1066	850	566	720		566	X	X	VALID	8.625	0.25	46000	0.8	NO	YES	YES	9.38%	8.17%	2012	46.0	30.88	Accept Most Stringent Criteria	--
2742052	HPSS 2742052	250	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	4.84%	4.84%	1994	65.0	30.34	Expose/Verify, DIMP/TIMP	2018-2028
2980316	HPSS 2980316	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1995	30.0	29.84	Expose/Verify, DIMP/TIMP	2018-2028
2930817	HPSS 2930817	250	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1996	2.6	29.34	Expose/Verify, DIMP/TIMP	2018-2028
199748	Inlet 011-R-050	300	3		1361	101.2	67	1440		67			UNVALID	2.375	0.154	35000	0.6	NO	NO	YES	6.61%	6.61%	2013	4.5	28.61	Pressure Test/Replace	2024-2028
2742281	HPSS 2742281	250	3		1549	650	1	NA		1			UNVALID	1.05	0.113	24000	0.6	NO	NA	NA	4.84%	NA	2005	33.0	25.84	Pressure Test/Replace	2024-2028
189505	Longview-Kelso H.P. Distribution Line	250	3		1223	600	400	720		400	X	X	VALID	12.75	0.375	52000	0.8	NO	NA	NA	8.17%	NA	2012	25.0	25.67	Accept Most Stringent Criteria	--
197085	Inlet 011-R-049	300	3		1361	845	563	720		563	X	X	VALID	2.375	0.154	35000	0.6	NO	NO	YES	6.61%	6.83%	2012	55.5	24.33	Accept Most Stringent Criteria	--
2980318	HPSS 2980318	250	3		2260	950	633	UNKV		633	X	Service	UNVALID	1.05	0.113	35000	0.6	YES	NA	NA	3.32%	NA	1999	54.0	22.32	Expose/Verify, DIMP/TIMP	2018-2028
2980275	HPSS 2980275	250	3		2260	400	266	UNKV		266	X	Service	UNVALID	1.05	0.113	35000	0.6	YES	NA	NA	3.32%	NA	2000	45.0	21.82	Expose/Verify, DIMP/TIMP	2018-2028
2660271	HPSS 2660271	250	3		1549	800	533	UNKV		533	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	4.84%	4.84%	2012	77.0	21.34	Expose/Verify, DIMP/TIMP	2018-2028
2770482	HPSS 2770482	250	4		1808	400	266	UNKV		266	X	Service	UNVALID	1.05	0.113	35000	0.6	YES	NA	NA	3.32%	NA	2001	17.0	23.32	Expose/Verify, DIMP/TIMP	2018-2028
9301367742	HPSS 9301367742	250	3		1740	650	433	UNKV		433	X	Service	UNVALID	1.315	0.109	35000	0.6	YES	NA	NA	4.31%	NA	2013	75.0	16.31	Expose/Verify, DIMP/TIMP	2018-2028
6521322387	HPSS 6521322387	250	3		3766	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	35000	1	YES	NA	NA	3.32%	NA	2016	56.0	11.82	Expose/Verify, DIMP/TIMP	2018-2028

Work Order #	Segment Name	Existing MAOP (psig)	Class Location (1,2,3,4)	Uprate (YES/NO)	Design Pressure 192.619 (a) (1) (psig)	Test Pressure (psig)	Test Pressure 192.619 (a) (2) (psig)	Pressure Class Rating (psig)	Hi-5 Pressure (psig) 192.619 (a) (3)	MAOP per 192.619 (psig)	Meets 192.619	Meets 192.517	MAOP Designation	Max Outside Diameter, OD1 (inches)	Min Wall Thickness, WT1 (inches)	Min SMYS, SMYS1 (psig)	Min Longitudinal Joint Factor, E1 (E)	Unknown Pressure Rated Fitting (YES/NO)	Fittings w/ Assumed SMYS (YES/NO)	Fittings w/ Assumed Joint Factor (YES/NO)	Max Pipe % SMYS	Max Fitting % SMYS	Install Date (Year)	Pipe Length (Feet)	Total Score	Action Plan	Action Year
11C1144	8" March Point Transmission Line	360	3		418	0	0	NA		0			UNVALID	8.625	0.188	24000	0.8	NO	YES	YES	34.41%	34.41%	1957	144.4	155.91	116 Segment, Replace	2018
1701	8" Anacortes Transmission Line	360	3		418	0	0	UNKV		0			UNVALID	8.625	0.188	24000	0.8	YES	YES	YES	34.41%	34.41%	1957	90,671.6	199.91	116 Segment, Pressure Test/Replace	2019
11C1144	8" March Point Transmission Line	360	3		418	0	0	NA		0			UNVALID	8.625	0.188	24000	0.8	NO	YES	YES	34.41%	34.41%	1957	8,641.6	174.91	116 Segment, Replace	2018
11C1144	8" March Point Transmission Line	360	3		418	0	0	NA		0			UNVALID	8.625	0.188	24000	0.8	NO	YES	YES	34.41%	34.41%	1957	144.4	155.91	116 Segment, Replace	2018
11C5628	8" March Point Transmission Line	360	3		418	0	0	UNKV		0			UNVALID	8.625	0.188	24000	0.8	YES	YES	YES	34.41%	34.41%	1963	338.3	149.91	116 Segment, Replace	2018
30636	16" Fredonia Transmission Line (M&R 30637)	500	3		656	750	500	NA		500	X	X	VALID	16	0.28	52000	1	NO	NO	YES	27.47%	30.48%	1983	57.7	102.48	No Action Needed	--
30636-T	16" Fredonia Transmission Line	500	3		737	750	500	720		500	X	X	VALID	16	0.281	52000	1	NO	YES	YES	30.48%	27.11%	1983	65,218.3	116.48	No Action Needed	--
40000	16" March Point Transmission Line	500	3		913	750	500	NA		500	X	X	VALID	16	0.281	52000	1	NO	NO	NO	27.37%	27.37%	1992	43,391.8	102.87	No Action Needed	--
18191	8" Anacortes Transmission Line	360	3		610	0	0	UNKV		0			UNVALID	8.625	0.188	35000	0.8	YES	YES	YES	23.59%	20.09%	1972	236.4	121.09	116 Segment, Pressure Test	2018
40021	16" March Point Transmission Line (017-V-050, 051,	500	3		730	750	500	720		500	X	X	VALID	16	0.375	52000	0.8	NO	YES	YES	20.51%	27.37%	1992	53.3	83.87	Accept Most Stringent Criteria	--
17206	6" North Oak Harbor H.P. Line	400	3		953	675	450	275		275			UNVALID	6.625	0.188	42000	1	NO	NO	YES	16.78%	16.78%	1972	18,314.0	74.28	116 Segment, Expose/Verify	2017
MTVL4-1	4" Mount Vernon H.P. Line	250	4		399	400	266	NA		266	X		UNVALID	4.5	0.156	24000	0.6	NO	YES	YES	15.02%	15.02%	2009	29,629.7	60.02	116 Segment, Most Stringent Criteria	2016
Fish 18C4272	4" Arlington H.P. Line	249	3		499	0	0	NA		0			UNVALID	4.5	0.156	24000	0.6	NO	YES	YES	14.96%	14.96%	1961	10,707.9	108.96	116 Segment, Replace	2020
211220	3" Burlington H.P. Line	249	3		641	0	0	UNKV		0			UNVALID	3.5	0.156	24000	0.6	YES	NA	NA	11.64%	NA	1957	5,385.7	104.64	116 Segment, Replace	2017
11C2775	4" North Texas Rd H.P. Line	250	3		933	0	0	NA		0			UNVALID	2.375	0.154	24000	0.6	NO	YES	YES	8.03%	8.03%	1960	917.9	86.53	116 Segment, Replace	2021
11C1491	Anacortes H.P. Distribution System	105	3		544	0	0	UNKV		0			UNVALID	6.625	0.188	24000	0.8	YES	NA	NA	7.71%	NA	1957	3.0	84.21	116 Segment, Retire	2019
15973	Anacortes H.P. Distribution System (Inlet 017-R-036)	105	3		499	100	66	UNKV		66			UNVALID	4.5	0.156	24000	0.6	YES	YES	YES	6.31%	6.31%	1973	73.4	52.31	116 Segment, Replace	2019
29320	4" North Texas Rd H.P. Line	250	3		933	100	66	250		66			UNVALID	2.375	0.154	35000	0.6	NO	YES	YES	5.51%	8.03%	1980	83.9	50.53	116 Segment, Replace	2021
14788	4" Sedro-Woolley H.P. Line	100	3		877	0	0	NA		0			UNVALID	4.5	0.188	35000	0.6	NO	NO	YES	3.42%	2.71%	1968	1,902.2	57.42	116 Segment, Pressure Test	2018
11C2330	Anacortes H.P. Distribution System	105	3		933	0	0	UNKV		0			UNVALID	2.375	0.154	24000	0.6	YES	NA	NA	3.37%	NA	1959	70.4	62.87	116 Segment, Retire	2020
11C2626	Anacortes H.P. Distribution System	105	3		933	0	0	UNKV		0			UNVALID	2.375	0.154	24000	0.6	YES	YES	YES	3.37%	3.37%	1959	134.1	63.87	116 Segment, Replace	2019
9801	Anacortes H.P. Distribution System	105	3		933	0	0	UNKV		0			UNVALID	2.375	0.154	24000	0.6	YES	YES	YES	3.37%	3.37%	1966	112.0	56.87	116 Segment, Replace	2019
14373	Anacortes H.P. Distribution System	105	3		933	100	71	1440		71		NA	UNVALID	2.375	0.154	35000	0.6	NO	YES	YES	2.31%	3.37%	1968	1.0	44.87	116 Segment, Retire	2020
1703	Anacortes H.P. Distribution System	105	3		418	0	0	NA		0			UNVALID	8.625	0.188	24000	0.8	NO	YES	YES	10.04%	7.71%	1956	9,849.9	104.04	116 Segment, Replace	2018-2019
21357	Inlet 017-R-003	250	4		399	118	78	250		78			UNVALID	4.5	0.156	24000	0.6	NO	YES	YES	15.02%	6.28%	1973	12.4	68.02	Pressure Test/Replace	2018-2023
G0082481	Inlet 017-R-005	250	3		499	100	66	UNKV		66			UNVALID	4.5	0.156	24000	0.6	YES	YES	YES	15.02%	15.02%	2007	21.4	49.02	Pressure Test/Replace	2018-2023
23666	Inlet 017-R-042	105	3		1361	100	66	1440		66			UNVALID	2.375	0.154	35000	0.6	NO	NA	NA	2.31%	NA	1975	14.0	34.31	Addressed w/ 116 Segment	2018-2019
28930	Inlet 017-R-070	105	3		1361	100	66	1440		66			UNVALID	2.375	0.154	35000	0.6	NO	NA	NA	2.31%	NA	1981	41.7	31.31	Addressed w/ 116 Segment	2018-2019
19026	Main Stub (017-R-054)	400	3		933	100	66	1440		66			UNVALID	2.375	0.154	24000	0.6	NO	YES	YES	12.85%	12.85%	1971	1.0	64.85	Pressure Test/Replace	2018-2023
290015	HPSS 290015	500	3		1214	250	166	UNKV		166			UNVALID	1.66	0.14	24000	0.6	YES	NA	NA	12.35%	NA	1991	20.0	64.35	Pressure Test/Replace	2018-2023
25373	Inlet 017-R-062	400	3		1193	100	66	UNKV		66			UNVALID	1.315	0.109	24000	0.6	YES	YES	YES	10.05%	10.05%	1978	42.8	58.55	Pressure Test/Replace	2018-2023
620046	HPSS 620046	400	3		1193	100	66	UNKV		66			UNVALID	1.315	0.109	24000	0.6	YES	NA	NA	10.05%	NA	2007	21.0	44.05	Pressure Test/Replace	2024-2028
621013	HPSS 621013	400	3		1193	100	66	UNKV		66			UNVALID	1.315	0.109	24000	0.6	YES	NA	NA	10.05%	NA	2010	11.0	42.55	Pressure Test/Replace	2024-2028
20449	Inlet 017-R-165	400	3		1361	100	66	1440		66			UNVALID	2.375	0.154	35000	0.6	NO	NO	YES	8.81%	8.81%	1972	38.5	51.31	Pressure Test/Replace	2018-2023
26782	Inlet 017-R-068	400	3		1361	115	82	1200		82			UNVALID	2.375	0.154	35000	0.6	NO	NO	YES	8.81%	8.81%	1979	8.0	47.81	Pressure Test/Replace	2024-2028
36693	Inlet 017-R-085	360	3		1361	375	250	1440		250			UNVALID	2.375	0.154	35000	0.6	NO	NO	YES	7.93%	7.93%	1989	33.9	41.93	Addressed w/ 116 Segment	2021
21175	Inlet 017-R-019	249	3		877	110	73	720		73			UNVALID	4.5	0.188	35000	0.6	NO	YES	YES	8.51%	6.75%	1975	23.5	53.51	Addressed w/ 116 Segment	2017
25828	2" Gibralter Rd H.P. Line	250	3		933	120	80	1440		80			UNVALID	2.375	0.154	24000	0.6	NO	YES	YES	8.03%	8.03%	1978	4,464.2	59.03	Pressure Test/Replace	2018-2023
381300	HPSS 381300	249	3		933	50	35	UNKV		35			UNVALID	2.375	0.154	24000	0.6	YES	NA	NA	8.00%	NA	1967	193.6	60.50	Addressed w/ 116 Segment	2020
440108	HPSS 440108	249	3		933	110	73	UNKV		73			UNVALID	2.375	0.154	24000	0.6	YES	YES	YES	8.00%	8.00%	1986	201.0	48.50	Addressed w/ 116 Segment	2020
36580	Inlet 017-R-084	360	3		1361	110	73	1440		73			UNVALID	2.375	0.154	35000	0.6	NO	NA	NA	7.93%	NA	1989	26.0	41.93	Addressed w/ 116 Segment	2018
57392	Inlet 017-R-132	360	3		2260	110	73	1200		73			UNVALID	1.05	0.113	35000	0.6	NO	NA	NA	4.78%	NA	1991	19.2	28.78	Addressed w/ 116 Segment	2018
626250	HPSS 626250	400	3		1549	50	35	UNKV		35			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.74%	NA	1969	15.0	57.24	Pressure Test/Replace	2018-2023
702000	HPSS 702000	400	3		1549	50	35	UNKV		35			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.74%	NA	1969	37.6	57.24	Pressure Test/Replace	2018-2023
626300	HPSS 626300	400	3		1549	100	66	UNKV		66			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.74%	NA	1971	42.1	54.74	Pressure Test/Replace	2018-2023
626908	HPSS 626908	400	3		1549	100	66	UNKV		66			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.74%	NA	1971	15.9	54.74	Pressure Test/Replace	2018-2023
626550	HPSS 626550	400	3		1549	100	66	UNKV		66			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.74%	NA	1972	10.0	54.24	Pressure Test/Replace	2018-2023
626900	HPSS 626900	400	3		1549	100	66	UNKV		66			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.74%	NA	1972	16.2	54.24	Pressure Test/Replace	2018-2023
641136	HPSS 641136	400	3		1549	100	66	UNKV		66			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.74%	NA	1972	2.2	54.24	Pressure Test/Replace	2018-2023
646205	HPSS 646205	400	3		1549	100	66	UNKV		66			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.74%	NA	1972	48.7	54.24	Pressure Test/Replace	2018-2023
646210	HPSS 646210	400	3		1549	100	66	UNKV		66			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.74%	NA	1972	54.1	54.24	Pressure Test/Replace	2018-2023
646211	HPSS 646211	400	3		1549	100	66	UNKV		66			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.74%	NA	1972	6.0	54.24	Pressure Test/Replace	2018-2023
626915	HPSS 626915	400	3		1549	100	66	NA		66			UNVALID	1.05	0.113	24000	0.6	NO	NA	NA	7.74%	NA	1973	61.8	53.74	Pressure Test/Replace	2018-2023
629100	HPSS 629100	400	3		1549	100	66	UNKV		66			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.74%	NA	1973	3.5	53.74	Pressure Test/Replace	2018-2023
646305	HPSS 646305	400	3		1549	100	66	UNKV		66			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.74%	NA	1973	54.4	53.74	Pressure Test/Replace	2018-2023
629066	HPSS 629066	400	3		1549	100	66	UNKV		66			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.74%	NA	1974	32.0	53.24	Pressure Test/Replace	2018-2023
645252	HPSS 645252	400	3		1549	100	66	UNKV		66			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.74%	NA	1974	19.6	53.24	Pressure Test/Replace	2018-2023
646064	HPSS 646064	400	3		1549	100	66	UNKV		66			UNVALID	1.05	0.113	24000	0.6	YES	NO	YES	7.74%	5.31%	1975	15.0	52.74	Pressure Test/Replace	2018-2023
646448	HPSS 646448	400	3		1549	100	66	NA		66			UNVALID	1.05	0.113	24000	0.6	NO	NA	NA	7.74%	NA	1977	82.0	51.74	Pressure Test/Replace	2018-2023
626525	HPSS 626525	400	3		1549	115	76	UNKV		76			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.74%	NA	1979	15.0	50.74	Pressure Test/Replace	2018-2023
626909	HPSS 626909	400	3		1549	110	73	UNKV		73			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.74%	NA	1983	15.0	48.74	Pressure Test/Replace	2024-2028
626620	HPSS 626620	400	3		1549	100	66	NA		66			UNVALID	1.05	0.113	24000	0.6	NO	NA	NA	7.74%	NA	1986	10.0	47.24	Pressure Test/Replace	2024-2028
629065	HPSS 629065	400	3		1549	110	73	UNKV		73			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.74%	NA	1986	24.0	47.24	Pressure Test/Replace	2024-2028
646121	HPSS 646121	400	3		1549	350	233	UNKV		233			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.74%	NA	1986	60.0	47.24	Pressure Test/Replace	2024-2028
646601	HPSS 646601	400	3		1549	350	233	UNKV		233			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.74%	NA	1986	69.6	47.24	Pressure Test/Replace	2024-2028
647502	HPSS 647502	400	3		1549	450	300	UNKV		300			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.74%	NA	1986	68.8	47.24	Pressure Test/Replace	2024-2028
626916	HPSS 626916	400	3		1549	100	66	NA		66			UNVALID	1.05	0.113	24000	0.6	NO	NA	NA	7.74%	NA	1989	58.8	45.74	Pressure Test/Replace	2024-2028
646005	HPSS 646005	400	3		1549	100	66	UNKV		66			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.74%	NA	1989	17.3	45.74	Pressure Test/Replace	2024-2028
626201	HPSS 626201	400	3		1549	100	66	UNKV		66			UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	7.74%	7.74%	1990	24.9	45.24	Pressure Test/Replace	2024-2028
626825	HPSS 626825	400	3		1549	110	73	UNKV		73			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.74%	NA	1990	61.4	45.24	Pressure Test/Replace	2024-2028
620500	HPSS 620500	400	3		1549	100	66	UNKV		66			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.74%	NA	1991	43.0	44.74	Pressure Test/Replace	2024-2028
626824	HPSS 626824	400	3		1549	90	60	UNKV		60			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.74%	NA	1994	196.5	44.24	Pressure Test/Replace	2024-2028
700009	HPSS 700009	400	3		1549	100	66	NA		66			UNVALID	1.05	0.113	24000	0.6	NO	NA	NA	7.74%	NA	1994	86.6	43.24	Pressure Test/Replace	2024-2028
646602	HPSS 646602	400	3		1549	120	80	UNKV		80			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.74%	NA	1996	102.0	43.24	Pressure Test/Replace	2024-2028
700850	HPSS 700850	400	3		1549	90	60	NA		60			UNVALID	1.05	0.113	24000	0.6	NO	NA	NA	7.74%	NA	1999	18.0	40.74	Pressure Test/Replace	2024-2028
700010	HPSS 700010	400	3		1549	100	66	NA		66			UNVALID	1.05	0.113	24000	0.6	NO	NA	NA	7.74%	NA	2002	178.2	40.24	Pressure Test/Replace	2024-2028
G0068787	Inlet 017-R-159	400	3		1549	90	60	UNKV		60			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.74%	NA	2003	16.6	38.74	Pressure Test/Replace	2024-2028
8148450830	HPSS 8148450830	400	3		1549	90	1	UNKV		1			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.74%	NA	2010	18.0	35.24	Pressure Test/Replace	2024-2028
211700	HPSS 211700	360	3		1549	110	78	UNKV		78			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	6.97%	NA	1964	11.5	61.47	Addressed w/ 116 Segment	2017
214980	HPSS 214980	360	3		1549	100	71	UNKV		71			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	6.97%	NA	1965	2.0	60.47	Addressed w/ 116 Segment	2019
475555	HPSS 475555	360	3		1549	110	73	UNKV		73			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	6.97%	NA	1966	100.0	60.47	Addressed w/ 116 Segment	2019
300263	HPSS 300263	360	3		1549	50	35	UNKV		35			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	6.97%	NA	1967	19.0	58.47	Addressed w/ 116 Segment	2019
211900	HPSS 211900	360	3		1549	100	71	UNKV		71			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	6.97%	NA	1969	1.2	56.47	Addressed w/ 116 Segment	2019

Work Order #	Segment Name	Existing MAOP (psig)	Class Location (1,2,3,4)	Uprate (YES/NO)	Design Pressure 192.619 (a) (1) (psig)	Test Pressure (psig)	Test Pressure 192.619 (a) (2) (psig)	Pressure Class Rating (psig)	Hi-5 Pressure (psig) 192.619 (a) (3)	MAOP per 192.619 (psig)	Meets 192.619	Meets 192.517	MAOP Designation	Max Outside Diameter, OD1 (inches)	Min Wall Thickness, WT1 (inches)	Min SMYS, SMYS1 (psig)	Min Longitudinal Joint Factor, E1 (E)	Unknown Pressure Rated Fitting (YES/NO)	Fittings w/ Assumed SMYS (YES/NO)	Fittings w/ Assumed Joint Factor (YES/NO)	Max Pipe % SMYS	Max Fitting % SMYS	Install Date (Year)	Pipe Length (Feet)	Total Score	Action Plan	Action Year
300259	HPSS 300259	360	3		1549	120	85	UNKV		85			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	6.97%	NA	1970	61.7	55.47	Addressed w/ 116 Segment	2019
20908	HPSS 20908	360	3		1549	100	66	UNKV		66			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	6.97%	NA	1981	58.4	48.97	Addressed w/ 116 Segment	2019
211816	HPSS 211816	360	3		1549	110	73	UNKV		73			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	6.97%	NA	1990	49.8	44.47	Addressed w/ 116 Segment	2019
380049	HPSS 380049	360	3		1549	345	230	NA		230			UNVALID	1.05	0.113	24000	0.6	NO	NA	NA	6.97%	NA	1991	10.0	43.97	Addressed w/ 116 Segment	2020
10006	HPSS 10006	360	3		1549	160	106	UNKV		106			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	6.97%	NA	1995	29.0	41.97	Addressed w/ 116 Segment	2019
150090	HPSS 150090	360	3		1549	100	1	UNKV		1			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	6.97%	NA	2009	5.1	34.97	Addressed w/ 116 Segment	2019
557250	HPSS 560822	250	3		1193	100	66	UNKV		66			UNVALID	1.315	0.109	24000	0.6	YES	NA	NA	6.28%	NA	1959	8.0	65.78	Pressure Test/Replace	2018-2023
557200	HPSS 557200	250	3		1193	100	66	UNKV		66			UNVALID	1.315	0.109	24000	0.6	YES	NA	NA	6.28%	NA	1963	6.9	61.78	Pressure Test/Replace	2018-2023
25451	Inlet 017-R-008	250	4		954	100	66	UNKV		66			UNVALID	1.315	0.109	24000	0.6	YES	NA	NA	6.28%	NA	1978	12.4	51.78	Pressure Test/Replace	2018-2023
560710	HPSS 560710	250	3		1193	90	60	UNKV		60			UNVALID	1.315	0.109	24000	0.6	YES	NA	NA	6.28%	NA	1998	1.0	39.78	Pressure Test/Replace	2024-2028
381135	HPSS 381135	249	3		1193	110	73	UNKV		73			UNVALID	1.315	0.109	24000	0.6	YES	YES	YES	6.26%	6.26%	1968	156.0	57.76	Addressed w/ 116 Segment	2020
19949	Inlet 017-R-052	400	3		2123	100	66	1200		66			UNVALID	1.315	0.133	35000	0.6	NO	NA	NA	5.65%	NA	1972	49.2	48.15	Pressure Test/Replace	2024-2028
G0078890	Inlet 017-R-146	175	3		933	90	60	UNKV		60			UNVALID	2.375	0.154	24000	0.6	YES	NA	NA	5.62%	NA	2005	10.1	35.62	Pressure Test/Replace	2024-2028
497690	HPSS 497690	250	4		1239	100	66	UNKV		66			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1957	5.0	59.34	Pressure Test/Replace	2018-2023
555810	HPSS 555810	250	3		1549	100	66	UNKV		66			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1957	10.0	57.34	Pressure Test/Replace	2018-2023
557000	HPSS 557000	250	3		1549	100	66	UNKV		66			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1957	11.1	57.34	Pressure Test/Replace	2018-2023
557400	HPSS 557400	250	3		1549	100	66	UNKV		66			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1957	4.0	57.34	Pressure Test/Replace	2018-2023
557500	HPSS 557500	250	3		1549	100	66	UNKV		66			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1964	7.0	50.34	Pressure Test/Replace	2018-2023
555595	HPSS 555595	250	3		1549	50	35	UNKV		35			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1967	5.0	47.34	Pressure Test/Replace	2024-2028
557395	HPSS 557395	250	3		1549	50	35	UNKV		35			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1967	8.0	47.34	Pressure Test/Replace	2024-2028
558000	HPSS 558000	250	3		1549	110	73	UNKV		73			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1967	3.0	47.34	Pressure Test/Replace	2024-2028
555805	HPSS 555805	250	3		1549	100	71	UNKV		71			UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	4.84%	4.84%	1968	81.1	46.34	Pressure Test/Replace	2024-2028
557510	HPSS 557510	250	3		1549	100	71	UNKV		71			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1968	11.1	46.34	Pressure Test/Replace	2024-2028
557440	HPSS 557440	250	3		1549	50	35	NA		35			UNVALID	1.05	0.113	24000	0.6	NO	NA	NA	4.84%	NA	1969	22.7	45.34	Pressure Test/Replace	2024-2028
557210	HPSS 560572	250	3		1549	100	71	UNKV		71			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1970	12.0	44.34	Pressure Test/Replace	2024-2028
555860	HPSS 555860	250	3		1549	100	66	UNKV		66			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1972	10.0	42.34	Pressure Test/Replace	2024-2028
557515	HPSS 557515	250	3		1549	115	76	UNKV		76			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1979	9.0	38.84	Pressure Test/Replace	2024-2028
59254	HPSS 555710	250	3		1549	100	66	NA		66			UNVALID	1.05	0.113	24000	0.6	NO	NA	NA	4.84%	NA	1989	10.0	33.84	Pressure Test/Replace	2024-2028
126009	HPSS 126009	250	3		1549	120	80	UNKV		80			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1992	88.0	32.34	Pressure Test/Replace	2024-2028
10098	HPSS 10098	250	3		1549	100	66	UNKV		66			UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	4.84%	4.84%	1993	228.2	32.84	Pressure Test/Replace	2024-2028
126004	HPSS GG008544	250	3		1549	263	175	UNKV		175			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1993	91.0	31.84	Pressure Test/Replace	2024-2028
126007	HPSS 126007	250	3		1549	263	175	UNKV		175			UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	4.84%	4.84%	1994	139.3	32.34	Pressure Test/Replace	2024-2028
123520	HPSS 123520	250	3		1549	120	80	UNKV		80			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1995	145.0	31.84	Pressure Test/Replace	2024-2028
126012	HPSS 126012	250	3		1549	263	175	UNKV		175			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1995	71.0	30.84	Pressure Test/Replace	2024-2028
560452	HPSS 560452	250	3		1549	100	66	UNKV		66			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1995	57.1	30.84	Pressure Test/Replace	2024-2028
19092	HPSS 19092	250	3		1549	100	66	UNKV		66			UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	4.84%	4.84%	1996	469.8	31.34	Pressure Test/Replace	2024-2028
19100	HPSS 19100	250	3		1549	120	80	UNKV		80			UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	4.84%	4.84%	1996	240.0	31.34	Pressure Test/Replace	2024-2028
570326	HPSS 570326	250	3		1549	110	73	UNKV		73			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1998	38.8	29.34	Pressure Test/Replace	2024-2028
8266300269	HPSS 8266300269	250	3		1549	90	60	UNKV		60			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1999	10.0	28.84	Pressure Test/Replace	2024-2028
570413	HPSS 570413	250	3		1549	90	60	UNKV		60			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	2000	55.1	28.34	Pressure Test/Replace	2024-2028
570271	HPSS 570271	250	3		1549	90	60	UNKV		60			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	2005	21.0	25.84	Pressure Test/Replace	2024-2028
380505	HPSS 380505	249	3		1549	350	233	NA		233			UNVALID	1.05	0.113	24000	0.6	NO	NA	NA	4.82%	NA	1994	63.0	31.32	Addressed w/ 116 Segment	2020
562501877	HPSS 562501877	175	3		1193	90	1	UNKV		1			UNVALID	1.315	0.109	24000	0.6	YES	NA	NA	4.40%	NA	2012	42.1	21.90	Pressure Test/Replace	2024-2028
420009	HPSS 420009	151	3		1193	100	71	UNKV		71			UNVALID	1.315	0.109	24000	0.6	YES	NA	NA	3.80%	NA	1966	7.0	47.30	Pressure Test/Replace	2024-2028
G0078221	Anacortes H.P. Distribution System	105	3		933	100	1	UNKV		1			UNVALID	2.375	0.154	24000	0.6	YES	YES	YES	3.37%	3.37%	2005	263.0	25.37	Pressure Test/Replace	2024-2028
12568	Inlet 017-R-161	151	3		1361	100	66	1440		66			UNVALID	2.375	0.154	35000	0.6	NO	NA	NA	3.33%	NA	1967	46.9	41.83	Pressure Test/Replace	2024-2028
570435	HPSS 570435	250	3		2260	90	60	UNKV		60			UNVALID	1.05	0.113	35000	0.6	YES	NA	NA	3.32%	NA	2000	17.0	22.82	Pressure Test/Replace	2024-2028
420012	HPSS 420012	151	3		1549	50	35	UNKV		35			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.92%	NA	1969	39.9	43.42	Pressure Test/Replace	2024-2028
420003	HPSS 420003	151	3		1549	100	66	NA		66			UNVALID	1.05	0.113	24000	0.6	NO	NA	NA	2.92%	NA	1973	42.0	39.92	Pressure Test/Replace	2024-2028
420004	HPSS 420004	151	3		1549	100	66	UNKV		66			UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	2.92%	2.92%	1974	44.0	39.42	Pressure Test/Replace	2024-2028
420900	HPSS 420900	151	3		1549	225	150	NA		150			UNVALID	1.05	0.113	24000	0.6	NO	YES	YES	2.92%	2.92%	1991	1,095.1	38.42	Pressure Test/Replace	2024-2028
10820	HPSS 10820	105	3		1549	100	66	NA		66			UNVALID	1.05	0.113	24000	0.6	NO	NA	NA	2.03%	NA	1958	0.1	53.53	Addressed w/ 116 Segment	2018-2019
10830	HPSS 10830	105	3		1549	110	73	UNKV		73			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.03%	NA	1958	19.1	53.53	Addressed w/ 116 Segment	2018-2019
10859	HPSS 10859	105	3		1549	105	75	UNKV		75			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.03%	NA	1966	11.0	45.53	Addressed w/ 116 Segment	2018-2019
21035	HPSS 21035	105	3		1549	100	71	UNKV		71			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.03%	NA	1967	50.4	44.53	Addressed w/ 116 Segment	2018-2019
10857	HPSS 10857	105	3		1549	120	80	UNKV		80			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.03%	NA	1968	20.0	43.53	Addressed w/ 116 Segment	2018-2019
10975	HPSS 10975	105	3		1549	100	71	UNKV		71			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.03%	NA	1968	29.3	43.53	Addressed w/ 116 Segment	2018-2019
10595	HPSS 10595	105	3		1549	100	66	UNKV		66			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.03%	NA	1970	16.0	41.53	Addressed w/ 116 Segment	2018-2019
10813	HPSS 10813	105	3		1549	75	53	UNKV		53			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.03%	NA	1970	25.4	41.53	Addressed w/ 116 Segment	2018-2019
10885	HPSS 10885	105	3		1549	100	66	UNKV		66			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.03%	NA	1971	11.0	40.03	Addressed w/ 116 Segment	2018-2019
10812	HPSS 10812	105	3		1549	100	66	UNKV		66			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.03%	NA	1973	44.6	39.03	Addressed w/ 116 Segment	2018-2019
5680000534	HPSS 5680000534	105	3		1549	100	66	UNKV		66			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.03%	NA	1974	16.7	38.53	Addressed w/ 116 Segment	2018-2019
10853	HPSS 10853	105	3		1549	115	76	UNKV		76			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.03%	NA	1979	16.7	36.03	Addressed w/ 116 Segment	2018-2019
10605	HPSS 10605	105	3		1549	100	66	UNKV		66			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.03%	NA	1980	16.0	35.53	Addressed w/ 116 Segment	2018-2019
10810	HPSS 10810	105	3		1549	100	66	UNKV		66			UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	2.03%	2.03%	1982	84.2	34.53	Addressed w/ 116 Segment	2018-2019
10808	HPSS 10808	105	3		1549	150	100	NA		100			UNVALID	1.05	0.113	24000	0.6	NO	NA	NA	2.03%	NA	1986	67.6	32.53	Addressed w/ 116 Segment	2018-2019
10840	HPSS 10840	105	3		1549	120	80	UNKV		80			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.03%	NA	1992	16.0	29.53	Addressed w/ 116 Segment	2018-2019
11768	HPSS 11768	105	3		1549	100	66	UNKV		66			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.03%	NA	1992	25.0	29.53	Addressed w/ 116 Segment	2018-2019
27032	HPSS 27032	105	3		1549	100	66	UNKV		66			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.03%	NA	1996	13.0	27.53	Addressed w/ 116 Segment	2018-2019
40022	M&R 40022	360	3		418	0	0	UNKV		0			UNVALID	12.75	0.375	24000	0.8	YES	NO	YES	34.41%	15.15%	1991	123.3	122.41	Addressed w/ 116 Segment	2018
17363	Inlet 017-R-051	105	3		2123	120	85	1440		85			UNVALID	1.315	0.133	35000	0.6	NO	NA	NA	1.48%	NA	1970	73.7	36.98	Pressure Test/Replace	2024-2028
31979	Inlet 017-R-028	400	3		933	675	1	500		1			UNVALID	2.375	0.154	35000	0.6	NO	YES	YES	8.81%	12.85%	1985	425.1	58.85	Pressure Test/Replace	2018-2023
33937	Main to HPSS 626912	400	3		933	750	1	250		1			UNVALID	2.375	0.154	35000	0.6	NO	YES	YES	8.81%	12.85%	1986	134.8	58.35	Pressure Test/Replace	2018-2023
602082	HPSS 602082	400	3		2112	90	60	UNKV		60			UNVALID	1.05	0.154	24000	0.6	YES	NA	NA	5.68%	NA	2005	27.4	35.68	Pressure Test/Replace	2024-2028
56133	Inlet 017-R-124	360	3		1361	600	400	250		250			UNVALID	2.375	0.154	35000	0.6	NO	NA	NA	7.93%	NA	1998	29.1	32.43	Expose/Verify/Replace	2024-2028
58203	Inlet 017-R-130	400	3		933	750	500	275		275			UNVALID	2.375	0.154	35000	0.6	NO	YES	YES	9.88%	12.85%	1999	164.9	46.85	Expose/Verify/Replace	2024-2028
34198	Inlet 017-R-078	175	3		933	0	0	1440		0			UNVALID	2.375	0.154	24000	0.6	NO	NA	NA	5.62%	NA	1986	0.0	60.12	Pressure Test/Replace	2018-2023
37799	017-V-042	249	3		877	0	0	720		0			UNVALID	4.5	0.188	35000	0.6	NO	NO	YES	8.51%	6.75%	1992	30.3	56.01	Addressed w/ 116 Segment	2020
170354	Inlet 017-R-157	500	3		1106	100	66	720		66			UNVALID	4.5	0.237	35000	0.6	NO	NO	YES	13.56%	13.56%	2009	42.1	42.56	Pressure Test/Replace	2024-2028
40025	017-R-090	360	3		418	0	0	UNKV		0			UNVALID	16	0.375	52000	0.8	YES	YES	YES	26.43%	34.41%	1991	196.5	122.41	Addressed w/ 116 Segment	2018
217470	8" Anacortes Transmission Line	360	3		1045	771	514	250		250		X	UNVALID	8.625	0.25	52000	0.8	NO	NO	YES	11.94%	13.78%	2014	928.0	60.28	Addressed w/ 116 Segment	2019
37800	017-V-047, 048	249	3		1106	0	0	720		0			UNVALID	4.5	0.237	35000	0.6	NO	NO	YES	6.75%	6.75%	1992	27.0	54.25	Addressed w/ 116 Segment	2020
177232	017-R-166, 017-O-006	250	3		499	0	0	UNKV		0			UNVALID	6.625	0.188	24000	0.8	YES	YES	YES	18.35%	18.35%	1989	723.9	81.35	Pressure Test/Replace	2018-2023

Work Order #	Segment Name	Existing MAOP (psig)	Class Location (1,2,3,4)	Uprate (YES/NO)	Design Pressure 192.619 (a) (1) (psig)	Test Pressure (psig)	Test Pressure 192.619 (a) (2) (psig)	Pressure Class Rating (psig)	Hi-5 Pressure (psig) 192.619 (a) (3)	MAOP per 192.619 (psig)	Meets 192.619	Meets 192.517	MAOP Designation	Max Outside Diameter, OD1 (inches)	Min Wall Thickness, WT1 (inches)	Min SMYS, SMYS1 (psig)	Min Longitudinal Joint Factor, E1 (E)	Unknown Pressure Rated Fitting (YES/NO)	Fittings w/ Assumed SMYS (YES/NO)	Fittings w/ Assumed Joint Factor (YES/NO)	Max Pipe % SMYS	Max Fitting % SMYS	Install Date (Year)	Pipe Length (Feet)	Total Score	Action Plan	Action Year
34371	Inlet 017-R-082	250	3		499	0	0	NA		0			UNVALID	4.5	0.156	24000	0.6	NO	NA	NA	15.02%	NA	1987	10.1	74.02	Pressure Test/Replace	2018-2023
G0075193	4" Mount Vernon Gate H.P. Line	250	3		499	0	0	UNKV		0			UNVALID	4.5	0.156	24000	0.6	YES	YES	YES	15.02%	15.02%	2005	329.2	66.02	Pressure Test/Replace	2018-2023
G0075199	017-R-167	250	3		499	0	0	720		0			UNVALID	4.5	0.156	24000	0.6	NO	YES	YES	15.02%	15.02%	2005	116.8	66.02	Pressure Test/Replace	2018-2023
31324	Inlet 017-R-004	250	3		933	0	0	1440		0			UNVALID	2.375	0.154	24000	0.6	NO	YES	YES	8.03%	8.03%	1957	7.3	84.53	Pressure Test/Replace	2018-2023
G0072371 (R-143)	Inlet 017-R-143	250	3		933	0	0	720		0			UNVALID	2.375	0.154	24000	0.6	NO	YES	YES	8.03%	8.03%	2004	40.2	53.53	Pressure Test/Replace	2018-2023
11C7157	017-V-003, 004	360	3		418	0	0	UNKV		0			UNVALID	8.625	0.188	24000	0.8	YES	YES	YES	34.41%	13.78%	1963	29.2	158.91	Addressed w/ 116 Segment	2019
10900	HPSS 10900	105	3		1549	0	0	UNKV		0			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.03%	NA	1960	28.0	60.53	Addressed w/ 116 Segment	2018-2019
60133	Inlet 017-R-134	360	3		544	0	0	720		0			UNVALID	6.625	0.188	24000	0.8	NO	YES	YES	26.43%	26.43%	2001	85.8	98.43	Addressed w/ 116 Segment	2018
35840 (R-41)	Inlet 017-R-041	360	3		933	0	0	UNKV		0			UNVALID	2.375	0.154	24000	0.6	YES	YES	YES	11.57%	11.57%	1957	15.0	94.57	Addressed w/ 116 Segment	2018
55633	017-R-121	360	3		933	0	0	1440		0			UNVALID	2.375	0.154	24000	0.6	NO	YES	YES	11.57%	11.57%	1999	16.6	64.57	Addressed w/ 116 Segment	2019
1880	017-R-047	360	3		418	0	0	NA		0			UNVALID	8.625	0.188	24000	0.8	NO	YES	YES	34.41%	34.41%	1956	11.2	155.91	Addressed w/ 116 Segment	2018
Stub (17206)	Main Stub	400	3		1456	0	0	UNKV		0			UNVALID	1.315	0.133	24000	0.6	YES	NA	NA	8.24%	NA	1972	2.0	69.74	Pressure Test/Replace	2018-2023
20510	HPSS 20510	105	3		1549	0	0	UNKV		0			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.03%	NA	1957	51.3	63.53	Addressed w/ 116 Segment	2018-2019
2080	017-R-089 to 8" March Point Transmission Line	360	3		544	0	0	UNKV		0			UNVALID	6.625	0.188	24000	0.8	YES	YES	YES	26.43%	26.43%	1958	177.5	131.93	Addressed w/ 116 Segment	2018
2934227682	HPSS 2934227682	400	3		1549	0	0	NA		0			UNVALID	1.05	0.113	24000	0.6	NO	NA	NA	7.74%	NA	1969	51.2	72.24	Pressure Test/Replace	2018-2023
58210	Inlet 017-R-130	400	3		1771	0	0	1440		0			UNVALID	1.66	0.14	35000	0.6	NO	NO	YES	6.78%	6.78%	2000	359.1	51.28	Pressure Test/Replace	2018-2023
10800	HPSS 10800	105	3		1549	0	0	NA		0			UNVALID	1.05	0.113	24000	0.6	NO	NA	NA	2.03%	NA	1958	36.9	62.53	Addressed w/ 116 Segment	2018-2019
13C8489	Inlet 017-R-024	360	3		499	0	0	NA		0			UNVALID	4.5	0.156	24000	0.6	NO	YES	YES	21.63%	21.63%	1965	8.6	109.13	Addressed w/ 116 Segment	2019
420139	HPSS 420139	151	3		1549	750	1	UNKV		1			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.92%	NA	2006	59.2	23.42	Pressure Test/Replace	2024-2028
290045	HPSS 290045	175	3		1456	750	1	NA		1			UNVALID	1.315	0.133	24000	0.6	NO	NA	NA	3.60%	NA	2009	12.9	22.60	Pressure Test/Replace	2024-2028
602297	HPSS 602297	400	3		1549	750	1	NA		1			UNVALID	1.05	0.113	24000	0.6	NO	NA	NA	7.74%	NA	1999	19.0	40.74	Pressure Test/Replace	2024-2028
602218	HPSS 7169300838	400	3		1549	750	1	UNKV		1			UNVALID	1.05	0.113	35000	0.6	YES	YES	YES	5.31%	7.74%	1999	7.8	40.74	Pressure Test/Replace	2024-2028
420660	HPSS 0420660	500	3		933	0	0	NA		0			UNVALID	2.375	0.154	24000	0.6	NO	NA	NA	16.06%	NA	1992	51.3	82.56	Pressure Test/Replace	2018-2023
20840	HPSS 20840	105	3		1549	0	0	UNKV		0			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.03%	NA	1958	122.4	63.53	Addressed w/ 116 Segment	2018-2019
197546	017-R-167	250	3		499	0	0	UNKV		0			UNVALID	4.5	0.156	24000	0.6	YES	YES	YES	15.02%	15.02%	2012	71.1	61.52	Pressure Test/Replace	2018-2023
23477	Inlet 017-R-060	400	3		933	0	0	UNKV		0			UNVALID	2.375	0.154	24000	0.6	YES	NA	NA	12.85%	NA	1969	7.0	83.85	Pressure Test/Replace	2018-2023
11C4752	Inlet 017-R-038	360	3		933	0	0	UNKV		0			UNVALID	2.375	0.154	24000	0.6	YES	NA	NA	11.57%	NA	1961	39.3	90.57	Addressed w/ 116 Segment	2019
12C9577	Inlet 017-R-016	360	3		933	0	0	UNKV		0			UNVALID	2.375	0.154	24000	0.6	YES	NA	NA	11.57%	NA	1965	9.0	86.57	Addressed w/ 116 Segment	2019
14851	017-R-012	360	3		933	0	0	1440		0			UNVALID	2.375	0.154	24000	0.6	NO	NA	NA	11.57%	NA	1968	33.2	83.57	Addressed w/ 116 Segment	2019
15491	Inlet 017-R-001	360	3		933	0	0	1440		0			UNVALID	2.375	0.154	24000	0.6	NO	NA	NA	11.57%	NA	1969	4.0	82.57	Addressed w/ 116 Segment	2019
0	Service Stub	360	3		1193	0	0	UNKV		0			UNVALID	1.315	0.109	24000	0.6	YES	YES	YES	9.05%	6.97%	1960	6.0	82.55	Addressed w/ 116 Segment	2019
16051	Inlet 017-R-063	400	3		1361	0	0	NA		0			UNVALID	2.375	0.154	35000	0.6	NO	NO	YES	8.81%	8.81%	1969	96.2	69.31	Pressure Test/Replace	2018-2023
28823	Inlet 017-R-066	249	3		877	0	0	720		0			UNVALID	4.5	0.188	35000	0.6	NO	NO	YES	8.51%	6.75%	1982	25.0	61.01	Addressed w/ 116 Segment	2020
497600	HPSS 497611	250	4		1239	0	0	UNKV		0			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1989	1.0	44.84	Pressure Test/Replace	2024-2028
61	Inlet M&R 37429, 09020	250	3		933	0	0	UNKV		0			UNVALID	2.375	0.154	24000	0.6	YES	YES	YES	8.03%	4.84%	1958	113.0	84.53	Pressure Test/Replace	2018-2023
71C5927	Inlet 017-R-007	250	3		933	0	0	UNKV		0			UNVALID	2.375	0.154	24000	0.6	YES	NA	NA	8.03%	NA	1962	76.4	79.53	Pressure Test/Replace	2018-2023
10600	HPSS 10600	105	3		1549	0	0	NA		0			UNVALID	1.05	0.113	24000	0.6	NO	NA	NA	2.03%	NA	1959	106.0	62.53	Addressed w/ 116 Segment	2018-2019
12c8363	Inlet 017-R-013	360	3		1361	0	0	UNKV		0			UNVALID	2.375	0.154	35000	0.6	YES	NO	YES	7.93%	7.93%	1964	14.5	73.43	Addressed w/ 116 Segment	2019
626623	HPSS 626623	400	3		1549	0	0	UNKV		0			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.74%	NA	1969	25.0	72.24	Pressure Test/Replace	2018-2023
210296	HPSS 210296	360	3		1549	0	0	UNKV		0			UNVALID	1.315	0.133	35000	1	YES	NO	NO	6.97%	5.08%	1964	24.3	74.47	Addressed w/ 116 Segment	2019
643500	HPSS 643500	400	3		1549	0	0	UNKV		0			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.74%	NA	1973	45.0	68.74	Pressure Test/Replace	2018-2023
620812	HPSS 628012	400	3		1549	0	0	UNKV		0			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.74%	NA	1992	6.9	59.24	Pressure Test/Replace	2018-2023
622201	HPSS 622201	400	3		1549	0	0	UNKV		0			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.74%	NA	1993	15.0	58.74	Pressure Test/Replace	2018-2023
620311	HPSS 620311	400	3		1549	0	0	UNKV		0			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.74%	NA	2002	18.0	54.24	Pressure Test/Replace	2018-2023
10027	HPSS 10027	360	3		1549	0	0	UNKV		0			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	6.97%	NA	1961	73.1	79.47	Addressed w/ 116 Segment	2019
10028	HPSS 10028	360	3		1549	0	0	UNKV		0			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	6.97%	NA	1961	48.0	89.47	Addressed w/ 116 Segment	2018
300260	HPSS 300260	360	3		1549	0	0	UNKV		0			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	6.97%	NA	1962	1.0	78.47	Addressed w/ 116 Segment	2019
1520000001	HPSS 1520000001	360	3		1549	0	0	UNKV		0			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	6.97%	NA	1965	10.0	75.47	Addressed w/ 116 Segment	2019
10878	HPSS 10878	360	3		1549	0	0	UNKV		0			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	6.97%	NA	1971	11.3	68.97	Addressed w/ 116 Segment	2019
21000	Inlet 017-R-017	360	3		1549	0	0	UNKV		0			UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	6.97%	6.97%	1973	10.9	67.97	Addressed w/ 116 Segment	2019
60145	HPSS 60145	360	3		1549	0	0	UNKV		0			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	6.97%	NA	2001	7.3	53.97	Addressed w/ 116 Segment	2019
211701	HPSS 211701	360	3		1549	0	0	UNKV		0			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	6.97%	NA	2004	8.0	52.47	Addressed w/ 116 Segment	2019
40026	017-R-091	500	3		975	0	0	NA		0			UNVALID	12.75	0.375	42000	0.8	NO	NO	YES	20.24%	18.93%	1991	51.1	83.24	Pressure Test/Replace	2018-2023
40024	017-R-089	500	3		811	0	0	NA		0			UNVALID	8.625	0.25	35000	0.8	NO	NA	NA	24.64%	NA	1991	23.1	87.64	Pressure Test/Replace	2018-2023
21304	Inlet 017-R-018	249	3		933	0	0	720		0			UNVALID	4.5	0.237	35000	0.6	NO	YES	YES	6.75%	8.00%	1975	63.6	68.00	Addressed w/ 116 Segment	2017
497455	HPSS 497455	250	4		954	0	0	UNKV		0			UNVALID	1.315	0.109	24000	0.6	YES	NA	NA	6.28%	NA	1957	10.9	84.78	Pressure Test/Replace	2018-2023
555830	HPSS 555830	250	3		1193	0	0	UNKV		0			UNVALID	1.315	0.109	24000	0.6	YES	NA	NA	6.28%	NA	1960	6.0	79.78	Pressure Test/Replace	2018-2023
555850	HPSS 555850	250	3		1193	0	0	UNKV		0			UNVALID	1.315	0.109	24000	0.6	YES	NA	NA	6.28%	NA	1960	5.0	79.78	Pressure Test/Replace	2018-2023
557055	Service Stub	250	3		1193	0	0	UNKV		0			UNVALID	1.315	0.109	24000	0.6	YES	YES	YES	6.28%	4.84%	1960	1.0	79.78	Pressure Test/Replace	2018-2023
557100	HPSS 557100	250	3		1193	0	0	UNKV		0			UNVALID	1.315	0.109	24000	0.6	YES	NA	NA	6.28%	NA	1969	1.0	70.78	Pressure Test/Replace	2018-2023
557260	HPSS 557260	250	3		1193	0	0	UNKV		0			UNVALID	1.315	0.109	24000	0.6	YES	NA	NA	6.28%	NA	1969	7.0	70.78	Pressure Test/Replace	2018-2023
497700	HPSS 497700	250	4		954	0	0	UNKV		0			UNVALID	1.315	0.109	24000	0.6	YES	YES	YES	6.28%	6.28%	1994	177.6	59.78	Pressure Test/Replace	2018-2023
490108	HPSS 490108	250	4		954	0	0	UNKV		0			UNVALID	1.315	0.109	24000	0.6	YES	NA	NA	6.28%	NA	2005	8.0	53.28	Pressure Test/Replace	2018-2023
490259	HPSS 490259	250	3		1193	0	0	UNKV		0			UNVALID	1.315	0.109	24000	0.6	YES	YES	YES	6.28%	6.28%	2005	66.4	51.28	Pressure Test/Replace	2018-2023
GG002457	Air Liquide Acoustic Filter	500	3		877	0	0	720		0			UNVALID	6.625	0.188	42000	0.8	NO	NO	YES	20.98%	16.90%	2002	203.8	79.48	Pressure Test/Replace	2018-2023
18439	Inlet 017-R-006	250	3		1361	0	0	UNKV		0			UNVALID	2.375	0.154	35000	0.6	YES	NA	NA	5.51%	NA	1971	63.1	63.51	Pressure Test/Replace	2018-2023
195663	Inlet 017-R-163	400	3		2260	0	0	UNKV		0			UNVALID	1.05	0.113	35000	0.6	YES	NA	NA	5.31%	NA	2012	16.4	42.81	Pressure Test/Replace	2024-2028
3165827598	HPSS 3165827598	360	3		2123	0	0	UNKV		0			UNVALID	1.315	0.133	35000	0.6	YES	NA	NA	5.08%	NA	2012	9.0	42.58	Addressed w/ 116 Segment	2019
555845	HPSS 555845	250	3		1549	0	0	UNKV		0			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1957	6.0	66.34	Pressure Test/Replace	2018-2023
557450	HPSS 557450	250	3		1193	0	0	UNKV		0			UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	4.84%	6.28%	1957	5.5	82.78	Pressure Test/Replace	2018-2023
PRE-CNG	Inlet 017-R-135	250	3		1549	0	0	UNKV		0			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1957	8.1	66.34	Pressure Test/Replace	2018-2023
150111	HPSS 150111	250	3		933	0	0	NA		0			UNVALID	1.05	0.113	24000	0.6	NO	YES	YES	4.84%	8.03%	1958	1.0	83.53	Pressure Test/Replace	2018-2023
40023	M&R 40023	500	3		950	0	0	UNKV		0			UNVALID	10.75	0.25	52000	0.8	YES	NO	YES	20.67%	21.04%	1991	115.9	85.04	Pressure Test/Replace	2018-2023
555855	HPSS 555855	250	3		1549	0	0	UNKV		0			UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	4.84%	4.84%	1989	18.0	42.84	Pressure Test/Replace	2024-2028
128004	HPSS 128004	250	3		1549	0	0	UNKV		0			UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	4.84%	4.84%	1994	67.0	40.34	Pressure Test/Replace	2024-2028
555710	HPSS 555710	250	3		1549	0	0	NA		0			UNVALID	1.05	0.113	24000	0.6	NO	NA	NA	4.84%	NA	2000	3.5	37.34	Pressure Test/Replace	2024-2028
570509	HPSS 570509	250	3		1549	0	0	UNKV		0			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	2001	30.0	36.84	Pressure Test/Replace	2024-2028
570594	HPSS 570594	250	3		1549	0	0	UNKV		0			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	2002	27.0	36.34	Pressure Test/Replace	2024-2028
18C6103	Inlet 017-R-065	150	3		1456	0	0	NA		0			UNVALID	1.315	0.133	24000	0.6	NO	NA	NA	3.09%	NA	1963	7.9	58.59	Pressure Test/Replace	2018-2023
420005	HPSS 420005	151	3		1549	0	0	UNKV		0			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.92%	NA	1965	7.0	56.42	Pressure Test/Replace	2018-2023
420006	HPSS 420006	151	3		1549	0	0	UNKV		0			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.92%	NA	1965	45.9	56.42	Pressure Test/Replace	2018-2023
420007	HPSS 420007	151	3		1549	0	0	UNKV		0			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.92%	NA	1965	43.0	56.42	Pressure Test/Replace	2018-2023
420010	HPSS 420010	151	3		1549	0	0	UNKV		0			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.92%	NA	1965	47.0	56.42	Pressure Test/Replace	2018-2023

Work Order #	Segment Name	Existing MAOP (psig)	Class Location (1,2,3,4)	Uprate (YES/NO)	Design Pressure 192.619 (a) (1) (psig)	Test Pressure (psig)	Test Pressure 192.619 (a) (2) (psig)	Pressure Class Rating (psig)	Hi-5 Pressure (psig) 192.619 (a) (3)	MAOP per 192.619 (psig)	Meets 192.619	Meets 192.517	MAOP Designation	Max Outside Diameter, OD1 (inches)	Min Wall Thickness, WT1 (inches)	Min SMYS, SMYS1 (psig)	Min Longitudinal Joint Factor, E1 (E)	Unknown Pressure Rated Fitting (YES/NO)	Fittings w/ Assumed SMYS (YES/NO)	Fittings w/ Assumed Joint Factor (YES/NO)	Max Pipe % SMYS	Max Fitting % SMYS	Install Date (Year)	Pipe Length (Feet)	Total Score	Action Plan	Action Year
20506	HPSS 20506	105	3		1549	0	0	UNKV		0			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.03%	NA	1961	49.0	59.53	Addressed w/ 116 Segment	2018-2019
10995	Service Stub	105	3		1549	0	0	UNKV		0			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.03%	NA	1963	36.0	57.53	Addressed w/ 116 Segment	2018-2019
2301000684	HPSS 2301000684	105	3		1549	0	0	UNKV		0			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.03%	NA	1964	18.1	56.53	Addressed w/ 116 Segment	2018-2019
10815	HPSS 10815	105	3		1549	0	0	UNKV		0			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.03%	NA	1965	17.2	55.53	Addressed w/ 116 Segment	2018-2019
7001000662	HPSS 7001000662	105	3		1549	0	0	UNKV		0			UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	2.03%	2.03%	1959	122.0	62.53	Addressed w/ 116 Segment	2019
35043	Inlet 017-R-083	500	3		933	0	0	1440		0			UNVALID	2.375	0.154	24000	0.6	NO	NA	NA	16.06%	NA	1988	4.0	74.56	Pressure Test/Replace	2018-2023
10832	HPSS 10832	105	3		1549	0	0	UNKV		0			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.03%	NA	1988	40.8	40.53	Addressed w/ 116 Segment	2018-2019
10860	HPSS 10860	105	3		1549	0	0	UNKV		0			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.03%	NA	1990	16.4	39.53	Addressed w/ 116 Segment	2018-2019
10855	HPSS 1780000537	105	3		1549	0	0	UNKV		0			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.03%	NA	2001	15.1	34.03	Addressed w/ 116 Segment	2018-2019
G0083238	017-V-182	105	3		1549	0	0	UNKV		0			UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	2.03%	2.03%	2007	21.0	31.03	Addressed w/ 116 Segment	2018-2019
10997	HPSS 10997	105	3		1549	0	0	UNKV		0			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.03%	NA	1965	45.0	55.53	Addressed w/ 116 Segment	2019
G0071167	6" North Oak Harbor H.P. Line (017-V-125)	400	3		NA	NA	NA	720		720	X		UNVALID	NA	NA	NA	NA	NO	NA	NA	NA	NA	2003	0.0	17.00	DIMP/TIMP, Missing 192.517	2018-2019
G0083870	Inlet 017-R-175	400	3		NA	NA	NA	720		720	X		UNVALID	NA	NA	NA	NA	NO	NA	NA	NA	NA	2009	0.0	14.00	DIMP/TIMP, Missing 192.517	2018-2019
32166	Inlet 017-R-075	500	3		794	750	500	720		500	X		UNVALID	6.625	0.188	35000	0.8	NO	NO	YES	25.17%	16.90%	1985	40.8	76.17	DIMP/TIMP, Missing 192.517	2018-2019
G0080213	Inlet 017-R-150	400	3		933	750	500	1440		500	X		UNVALID	2.375	0.154	24000	0.6	NO	NA	NA	12.85%	NA	2006	9.0	42.35	DIMP/TIMP, Missing 192.517	2018-2019
G0072195	017-V-157	250	3		NA	NA	NA	720		720	X	X	VALID	NA	NA	NA	NA	NO	NA	NA	NA	NA	2004	0.0	16.50	No Action Needed	--
170355	Inlet 017-R-157	500	3		NA	NA	NA	720		720	X	X	VALID	NA	NA	NA	NA	NO	NA	NA	NA	NA	2010	0.0	13.50	No Action Needed	--
184723	Inlet 017-R-161	151	3		NA	NA	NA	720		720	X	X	VALID	NA	NA	NA	NA	NO	NA	NA	NA	NA	2011	0.0	13.00	No Action Needed	--
201582	Inlet 017-R-129	400	3		NA	NA	NA	720		720	X	X	VALID	NA	NA	NA	NA	NO	NA	NA	NA	NA	2013	0.0	12.00	No Action Needed	--
37190	8" March Point Transmission Line	360	3		610	750	500	720		500	X	X	VALID	8.625	0.188	35000	0.8	NO	YES	YES	23.59%	13.78%	1989	132.1	77.59	Accept Most Stringent Criteria	--
G0067527	017-O-001	1000	3		1882	1500	1000	1440		1000	X	X	VALID	12.75	0.5	60000	0.8	NO	NO	YES	21.25%	21.25%	2004	84.9	52.75	Accept Most Stringent Criteria	--
188455-T	16" Fredonia Transmission Line (017-V-208, 209, 210)	500	3		975	750	500	720		500	X	X	VALID	16	0.375	52000	0.8	NO	YES	YES	20.51%	20.51%	2012	75.2	52.01	Accept Most Stringent Criteria	--
188456-T	16" Fredonia Transmission Line (017-V-204)	500	3		975	750	500	1440		500	X	X	VALID	16	0.375	52000	0.8	NO	NO	YES	20.51%	20.51%	2012	42.0	48.01	Accept Most Stringent Criteria	--
16052	6" Whidbey Island H.P. Line	400	3		811	700	466	NA		466	X	NA	VALID	6.625	0.188	42000	0.8	NO	NO	YES	19.72%	16.78%	1969	28,499.5	85.72	Accept Most Stringent Criteria	--
G0082548	Inlet 017-R-154	960	3		1453	1520	1013	1440		1013	X	X	VALID	4.5	0.337	42000	0.6	NO	NO	YES	17.63%	19.81%	2009	79.0	43.81	Accept Most Stringent Criteria	--
16055	6" Whidbey Island H.P. Line	400	3		953	700	466	NA		466	X	NA	VALID	6.625	0.188	42000	0.8	NO	NO	YES	16.78%	16.78%	1969	38,448.8	83.78	Accept Most Stringent Criteria	--
188455	12" Anacortes H.P. Line (017-V-211)	500	3		1193	750	500	720		500	X	X	VALID	12.75	0.375	52000	0.8	NO	YES	YES	16.35%	16.35%	2012	4.8	42.85	Accept Most Stringent Criteria	--
188456	12" Anacortes H.P. Line (017-V-202, 203)	500	3		1223	750	500	720		500	X	X	VALID	12.75	0.375	52000	0.8	NO	NO	YES	16.35%	16.35%	2012	35.4	38.85	Accept Most Stringent Criteria	--
174254	8" Anacortes Transmission Line	360	3		906	600	400	720		400	X	X	VALID	8.625	0.188	52000	0.8	NO	YES	YES	15.88%	9.27%	2010	511.4	48.38	Accept Most Stringent Criteria	--
170067	4" Mount Vernon H.P. Line	250	3		499	650	433	720		433	X	X	VALID	4.5	0.156	24000	0.6	NO	YES	YES	15.02%	15.02%	2009	236.6	44.02	Accept Most Stringent Criteria	--
50393	8" Anacortes Transmission Line	360	3		802	750	500	720		500	X	X	VALID	8.625	0.322	35000	0.8	NO	NO	YES	13.78%	17.95%	1998	26.2	67.45	Accept Most Stringent Criteria	--
53023	Inlet 017-R-031	360	3		1056	750	500	NA		500	X	X	VALID	6.625	0.25	35000	0.8	NO	NO	YES	13.63%	12.17%	1997	6.4	43.63	Accept Most Stringent Criteria	--
57409	Inlet 017-R-128	400	3		933	750	500	1440		500	X	X	VALID	2.375	0.154	24000	0.6	NO	NO	YES	12.85%	8.81%	2000	26.4	45.35	Accept Most Stringent Criteria	--
33699	6" Mount Vernon H.P. Line	250	3		499	600	400	1440		400	X	X	VALID	6.625	0.188	35000	0.8	NO	YES	YES	12.59%	15.02%	1989	12,840.0	68.02	Accept Most Stringent Criteria	--
186092	8" Anacortes Transmission Line	360	3		1045	840	560	720		560	X	X	VALID	8.625	0.25	52000	0.8	NO	NO	YES	11.94%	13.78%	2011	129.3	57.78	Accept Most Stringent Criteria	--
186778	Outlet 017-R-162	360	3		1045	750	500	720		500	X	X	VALID	8.625	0.25	52000	0.8	NO	NO	YES	11.94%	13.78%	2012	30.0	36.28	Accept Most Stringent Criteria	--
G0080886	Inlet 017-R-025	360	3		933	750	500	1440		500	X	X	VALID	2.375	0.154	24000	0.6	NO	YES	YES	11.57%	11.57%	2006	18.7	41.07	Accept Most Stringent Criteria	--
186779	Inlet 017-R-162	500	3		1106	750	500	720		500	X	X	VALID	4.5	0.188	52000	0.6	NO	NO	YES	11.51%	13.56%	2012	134.8	37.06	Accept Most Stringent Criteria	--
34326	Inlet 017-R-081	500	3		1361	750	500	1440		500	X	X	VALID	2.375	0.154	35000	0.6	NO	NO	YES	11.02%	11.02%	1987	133.4	47.02	Accept Most Stringent Criteria	--
209739	Inlet 017-R-173	500	3		933	790	526	720		526	X	X	VALID	2.375	0.154	35000	0.6	NO	YES	YES	11.02%	16.06%	2014	333.9	42.56	Accept Most Stringent Criteria	--
53021	8" Anacortes H.P. Line (017-V-089)	360	3		933	750	500	720		500	X	X	VALID	4.5	0.237	35000	0.6	NO	YES	YES	9.76%	13.78%	1997	20.5	47.78	Accept Most Stringent Criteria	--
52583	Inlet 017-R-031 (Anacortes CM)	360	3		751	750	500	NA		500	X	X	VALID	4.5	0.237	35000	0.6	NO	NO	YES	9.76%	14.38%	1997	20.4	44.38	Accept Most Stringent Criteria	--
G0072371 (R-141 IN)	Inlet 017-R-141	360	3		1106	735	490	720		490	X	X	VALID	4.5	0.237	35000	0.6	NO	NO	YES	9.76%	12.17%	2004	48.1	38.67	Accept Most Stringent Criteria	--
16053	6" Whidbey Island H.P. Line	400	3		1183	700	466	NA		466	X	NA	VALID	6.625	0.28	52000	0.8	NO	NO	YES	9.10%	13.52%	1969	15,861.5	75.52	Accept Most Stringent Criteria	--
189777	6" Whidbey Island H.P. Line (017-V-213)	400	3		1193	750	500	720		500	X	X	VALID	6.625	0.28	52000	0.8	NO	YES	YES	9.10%	10.05%	2013	12.3	36.05	Accept Most Stringent Criteria	--
220939	Inlet 017-R-175	400	3		2269	750	500	1440		500	X	X	VALID	2.375	0.154	35000	1	NO	NO	NO	8.81%	8.81%	2015	3.0	22.81	No Action Needed	--
G0079640	Inlet 017-R-147	400	3		1361	800	533	1440		533	X	X	VALID	2.375	0.154	35000	0.6	NO	NO	YES	8.81%	8.81%	2006	20.0	29.31	Accept Most Stringent Criteria	--
G0070011	Inlet 017-R-140	400	3		1361	750	500	1440		500	X	X	VALID	2.375	0.154	35000	0.6	NO	NO	YES	8.81%	8.81%	2003	28.9	30.81	Accept Most Stringent Criteria	--
191622	Inlet 017-R-165	400	3		933	750	500	720		500	X	X	VALID	2.375	0.154	35000	0.6	NO	YES	YES	8.81%	12.85%	2013	55.0	38.85	Accept Most Stringent Criteria	--
15312	4" Mount Vernon H.P. Line	250	3		877	470	335	720		335	X	NA	VALID	4.5	0.188	35000	0.6	NO	YES	YES	8.55%	8.03%	1968	781.2	59.05	Accept Most Stringent Criteria	--
33700	4" Mount Vernon H.P. Line	250	3		877	600	400	275		275	X	X	VALID	4.5	0.188	35000	0.6	NO	YES	YES	8.55%	6.78%	1987	6,182.7	52.55	Accept Most Stringent Criteria	--
44413	4" North Texas Rd H.P. Line	250	3		877	820	546	720		546	X	X	VALID	4.5	0.188	35000	0.6	NO	YES	YES	8.55%	6.78%	1994	2,439.0	46.55	Accept Most Stringent Criteria	--
47569	4" Mount Vernon H.P. Line	250	3		877	600	400	720		400	X	X	VALID	4.5	0.188	35000	0.6	NO	YES	YES	8.55%	6.78%	1994	879.6	44.05	Accept Most Stringent Criteria	--
54633	4" Big Lake H.P. Line	250	3		877	600	400	720		400	X	X	VALID	4.5	0.188	35000	0.6	NO	YES	YES	8.55%	8.45%	1999	7,673.8	46.55	Accept Most Stringent Criteria	--
G0067635	4" Arlington H.P. Line (Main to 017-R-137)	249	3		877	750	500	275		275	X	X	VALID	4.5	0.188	35000	0.6	NO	YES	YES	8.51%	6.75%	2003	2,330.8	42.01	Accept Most Stringent Criteria	--
41858	Inlet 017-R-096	360	3		1361	750	500	1440		500	X	X	VALID	2.375	0.154	35000	0.6	NO	NA	NA	7.93%	NA	1992	22.0	35.43	Accept Most Stringent Criteria	--
42768	Inlet 017-R-097	360	3		1361	750	500	1440		500	X	X	VALID	2.375	0.154	35000	0.6	NO	NA	NA	7.93%	NA	1993	25.9	34.93	Accept Most Stringent Criteria	--
GG011832	6" North Anacortes H.P. Line	105	3		544	375	250	NA		250	X	X	VALID	6.625	0.188	24000	0.8	NO	YES	YES	7.71%	7.71%	1995	5,223.2	47.71	Accept Most Stringent Criteria	--
82379	Inlet 017-R-151	105	3		544	375	250	720		250	X	X	VALID	6.625	0.188	24000	0.8	NO	NA	NA	7.71%	NA	1995	22.3	37.71	Accept Most Stringent Criteria	--
220566	Inlet 017-R-174	400	3		1361	760	506	1440		506	X	X	VALID	2.375	0.188	35000	0.8	NO	NO	YES	7.22%	8.81%	2015	93.9	24.81	Accept Most Stringent Criteria	--
G0072368	4" South Anacortes H.P. Line	250	3		499	600	400	275		275	X	X	VALID	4.5	0.188	42000	0.6	NO	YES	YES	7.12%	15.02%	2004	6,905.4	55.52	Accept Most Stringent Criteria	--
2526100597	HPSS 2526100597	500	3		3539	850	566	740		566	X	Service	VALID	1.315	0.133	35000	1	NO	NO	NO	7.06%	7.06%	2012	162.1	23.56	No Action Needed	--
G0072371 (R-141 OUT)	Outlet 017-R-141	250	3		1106	735	490	NA		490	X	X	VALID	4.5	0.237	35000	0.6	NO	NA	NA	6.78%	NA	2004	13.6	28.28	Accept Most Stringent Criteria	--
58169	Inlet 017-R-129	400	3		1771	750	500	1440		500	X	X	VALID	1.66	0.14	35000	0.6	NO	NA	NA	6.78%	NA	2000	58.6	30.28	Accept Most Stringent Criteria	--
179240	Inlet 017-R-160	400	3		1820	750	500	720		500	X	X	VALID	1.315	0.133	30000	0.6	NO	NA	NA	6.59%	NA	2010	31.9	25.09	Accept Most Stringent Criteria	--
G0084755	Inlet 017-R-053	400	3		2123	750	500	1440		500	X	X	VALID	1.315	0.133	35000	0.6	NO	NA	NA	5.65%	NA	2008	6.1	25.15	Accept Most Stringent Criteria	--
172651	Inlet 017-R-158	400	3		1193	800	533	720		533	X	X	VALID	1.315	0.133	35000	0.6	NO	YES	YES	5.65%	10.05%	2010	60.0	37.55	Accept Most Stringent Criteria	--
227564	Inlet 017-R-178	400	3		2123	750	500	720		500	X	X	VALID	1.315	0.133	35000	0.6	NO	NA	NA	5.65%	NA	2015	57.0	21.65	Accept Most Stringent Criteria	--
2600824709	HPSS 2600824709	400	3		3539	750	500	740		500	X	Service	VALID	1.315	0.133	35000	1	NO	NO	NO	5.65%	5.65%	2016	32.4	19.15	No Action Needed	--
48828	6" North Anacortes H.P. Line	105	3		544	500	333	250		250	X	X	VALID	6.625	0.188	35000	0.8	NO	YES	YES	5.29%	7.71%	1995	4,644.7	45.21	Accept Most Stringent Criteria	--
53023 (OUT)	Outlet 017-R-031	105	3		811	275	183	NA		183	X	X	VALID	8.625	0.25	35000	0.8	NO	NA	NA	5.18%	NA	1997	28.3	30.18	Accept Most Stringent Criteria	--
8467527976	HPSS 8467527976	360	3		3539	770	513	740		513	X	Service	VALID	1.315	0.133	35000	1	NO	NO	NO	5.08%	5.08%	2017	47.0	18.08	No Action Needed	--
56629	Inlet 017-R-126	151	3		933	600	400	1440		400	X	X	VALID	2.375	0.154	24000	0.6	NO	YES	YES	4.85%	4.85%	2000	151.6	28.35	Accept Most Stringent Criteria	--
29141	2" Fredonia H.P. Line	175	3		933	600	400	400		400	X	X	VALID	2.375	0.154	35000	0.6	NO	YES	YES	3.86%	5.62%	1982	6,847.5	52.12	Accept Most Stringent Criteria	--
221075	Inlet 017-R-176	250	3		2123	762	508	720		508	X	X	VALID	1.315	0.133	35000	0.6	NO	NO	YES	3.53%	3.53%	2015	63.0	14.53	Accept Most Stringent Criteria	--
3489600225	HPSS 3489600225	250	3		3539	750	500	740		500	X	Service	VALID	1.315	0.133	35000	1	NO	NA	NA	3.53%	NA	2017	41.0	11.53	No Action Needed	--
213962	4" La Conner H.P. Line	151	3		1106	622	414	720		414	X	X	VALID	4.5	0.188	52000	0.6	NO	YES	YES	3.48%	4.10%	2015	316.0	20.10	Accept Most Stringent Criteria	--
178131	4" Sedro-Woolley H.P. Line	100	3		877	375	250	720		250	X	X	VALID	4.5	0.188	35000	0.6	NO	YES	YES	3.42%	2.71%	2010	284.0	21.92	Accept Most Stringent Criteria	--
205109	Inlet 017-R-172	105	3		1193	275	183	720		183	X	X	VALID	1.315	0.109	24000	0.6	NO	YES	YES	2.64%	2.64%	1985	24.0	32.64	Accept Most Stringent Criteria	--
193978	Anacortes H.P. Distribution System (Inlet 017-R-170)	105	3		499	300	200	720		200	X	X	VALID	4.5	0.237	42000	0.6	NO	YES	YES	2.37%	6.31%	2014	417.6	27.81	Accept Most Stringent Criteria	--
200583	4" Sedro-Woolley H.P. Line (Inlet 017-R-171)	100	3		499	600	400	720		400	X	X	VALID	4.5	0.188	52000	0.6	NO	YES	YES	2.30%	6.01%	2013	35.8	27.01	Accept Most Stringent Criteria	--
184809	Inlet 017-R-161	151	3		2123	600	400	720		400	X	X	VALID	1.315	0.133	35000	0.6	NO	NA	NA	2.13%	NA	2011	11.0	15.13	Accept Most Stringent Criteria	--
1951877956	HPSS 1951877956	151	3		3539	760	506	740		506	X	Service	VALID	1.315	0.133	35000	1	NO	NA	NA	2.13%	NA	2017	30.0	10.13	No Action Needed	--

Work Order #	Segment Name	Existing MAOP (psig)	Class Location (1,2,3,4)	Uprate (YES/NO)	Design Pressure 192.619 (a) (1) (psig)	Test Pressure (psig)	Test Pressure 192.619 (a) (2) (psig)	Pressure Class Rating (psig)	Hi-5 Pressure (psig) 192.619 (a) (3)	MAOP per 192.619 (psig)	Meets 192.619	Meets 192.517	MAOP Designation	Max Outside Diameter, OD1 (inches)	Min Wall Thickness, WT1 (inches)	Min SMYS, SMYS1 (psig)	Min Longitudinal Joint Factor, E1 (E)	Unknown Pressure Rated Fitting (YES/NO)	Fittings w/ Assumed SMYS (YES/NO)	Fittings w/ Assumed Joint Factor (YES/NO)	Max Pipe % SMYS	Max Fitting % SMYS	Install Date (Year)	Pipe Length (Feet)	Total Score	Action Plan	Action Year
G0022381	2" Gibralter Rd H.P. Line (017-V-094)	250	3		NA	NA	NA	UNKV		UNKV	X	X	UNVALID	NA	NA	NA	NA	YES	NA	NA	NA	NA	1999	0.0	19.00	Expose/Verify, DIMP/TIMP	2018-2028
122	Naval Air Station Service	400	3		544	750	500	UNKV		500	X	Service	UNVALID	6.625	0.188	24000	0.8	YES	YES	YES	29.37%	29.36%	1972	67.0	90.87	Expose/Verify, DIMP/TIMP	2018-2028
150030	HPSS 150030 (Texaco M&R)	360	3		544	750	500	UNKV		500	X	Service	UNVALID	6.625	0.188	24000	0.8	YES	YES	YES	26.43%	26.43%	1992	174.7	78.93	Expose/Verify, DIMP/TIMP	2018-2028
16052-T	6" Whidbey Island H.P. Line (017-V-007)	400	3		544	700	466	UNKV		466	X	NA	UNVALID	6.625	0.188	35000	0.8	YES	YES	YES	20.14%	29.37%	1969	68.1	87.87	Expose/Verify, DIMP/TIMP	2018-2028
G0071168	6" North Oak Harbor H.P. Line	400	3		544	860	573	UNKV		544	X	X	UNVALID	6.625	0.188	35000	0.8	YES	YES	YES	20.14%	29.37%	2003	282.6	66.37	Expose/Verify, DIMP/TIMP	2018-2028
GG002454	4" South Texas Rd H.P. Line	500	3		1305	750	500	UNKV		500	X	X	UNVALID	6.625	0.188	46000	1	YES	NO	NO	19.15%	16.90%	2002	634.7	53.65	Expose/Verify, DIMP/TIMP	2018-2028
161304	6" Mount Vernon H.P. Line	250	3		499	750	500	UNKV		499	X	X	UNVALID	6.625	0.188	24000	0.8	YES	YES	YES	18.35%	18.35%	2009	6,926.0	56.35	Expose/Verify, DIMP/TIMP	2018-2028
184006	12" Anacortes H.P. Line	500	3		1223	790	526	UNKV		526	X	X	UNVALID	12.75	0.375	52000	0.8	YES	NO	YES	16.35%	16.35%	2012	7,517.2	48.85	Expose/Verify, DIMP/TIMP	2018-2028
44423	6" South Mount Vernon H.P. Line	250	3		544	600	400	UNKV		400	X	X	UNVALID	6.625	0.188	35000	0.8	YES	YES	YES	12.59%	18.35%	1993	25,276.5	69.35	Expose/Verify, DIMP/TIMP	2018-2028
G0080804	017-R-148	360	3		933	650	433	UNKV		433	X		UNVALID	2.375	0.154	24000	0.6	YES	YES	YES	11.57%	11.57%	2006	139.7	42.07	Expose/Verify, DIMP/TIMP	2018-2028
700075	HPSS 700075	400	3		1193	750	500	UNKV		500	X	Service	UNVALID	1.315	0.109	24000	0.6	YES	NA	NA	10.05%	NA	2004	12.0	40.55	Expose/Verify, DIMP/TIMP	2018-2028
647571	Inlet 017-R-020	400	3		1193	750	500	UNKV		500	X	Service	UNVALID	1.315	0.109	24000	0.6	YES	NA	NA	10.05%	NA	1983	12.0	51.05	Expose/Verify, DIMP/TIMP	2018-2028
8540927401	HPSS 8540927401	400	3		1214	750	500	UNKV		500	X	Service	UNVALID	1.66	0.14	24000	0.6	YES	NA	NA	9.88%	NA	2013	52.0	30.88	Expose/Verify, DIMP/TIMP	2018-2028
301807	HPSS 2526100597	500	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	9.68%	NA	1978	183.2	49.18	Expose/Verify, DIMP/TIMP	2018-2028
1640	HPSS 1640	500	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	9.68%	NA	1983	8.0	45.68	Expose/Verify, DIMP/TIMP	2018-2028
140200	HPSS 140200	500	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	9.68%	NA	1992	4.1	41.18	Expose/Verify, DIMP/TIMP	2018-2028
300422	HPSS 300422	500	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	9.68%	NA	1993	32.0	40.68	Expose/Verify, DIMP/TIMP	2018-2028
16002	HPSS 16002	500	3		1549	790	526	UNKV		526	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	9.68%	NA	1994	5.0	40.18	Expose/Verify, DIMP/TIMP	2018-2028
147010	HPSS 147010	500	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	9.68%	NA	1995	82.2	39.68	Expose/Verify, DIMP/TIMP	2018-2028
140044	HPSS 140044	500	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	9.68%	NA	2006	15.0	34.18	Expose/Verify, DIMP/TIMP	2018-2028
10030	HPSS 10030	360	3		1193	600	400	UNKV		400	X	Service	UNVALID	1.315	0.109	24000	0.6	YES	NA	NA	9.05%	NA	1963	1.0	59.55	Expose/Verify, DIMP/TIMP	2018-2028
3016795011	HPSS 3016795011	360	3		1193	755	503	UNKV		503	X	Service	UNVALID	1.315	0.109	24000	0.6	YES	NA	NA	9.05%	NA	2014	20.0	29.55	Expose/Verify, DIMP/TIMP	2018-2028
35840	4" North Texas Rd H.P. Line	250	3		499	375	250	UNKV		250	X		UNVALID	4.5	0.188	35000	0.6	YES	YES	YES	8.55%	15.02%	1974	1,377.6	68.02	Expose/Verify, DIMP/TIMP	2018-2028
37486	4" South Anacortes H.P. Line	250	3		877	375	250	UNKV		250	X	X	UNVALID	4.5	0.188	35000	0.6	YES	YES	YES	8.55%	6.78%	1990	10,400.0	56.05	Expose/Verify, DIMP/TIMP	2018-2028
47079	Inlet 017-R-108	250	3		877	675	450	UNKV		450	X		UNVALID	4.5	0.188	35000	0.6	YES	NO	YES	8.55%	6.78%	1995	55.1	34.55	Expose/Verify, DIMP/TIMP	2018-2028
46863	Inlet 017-R-098	250	3		877	600	400	UNKV		400	X		UNVALID	4.5	0.188	35000	0.6	YES	NO	YES	8.55%	6.78%	1995	32.1	34.55	Expose/Verify, DIMP/TIMP	2018-2028
620032	HPSS 620032	400	3		1456	800	533	UNKV		533	X	Service	UNVALID	1.315	0.133	24000	0.6	YES	NA	NA	8.24%	NA	2006	20.7	32.74	Expose/Verify, DIMP/TIMP	2018-2028
45637	Inlet 017-R-106	360	3		1361	750	500	UNKV		500	X		UNVALID	2.375	0.154	35000	0.6	YES	NA	NA	7.93%	NA	1994	78.3	34.43	Expose/Verify, DIMP/TIMP	2018-2028
53268	Inlet 017-R-045	360	3		1361	750	500	UNKV		500	X		UNVALID	2.375	0.154	35000	0.6	YES	NO	YES	7.93%	7.93%	1997	23.9	32.93	Expose/Verify, DIMP/TIMP	2018-2028
640115	HPSS 640115	400	3		1549	750	500	UNKV		500	X		UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.74%	NA	2003	2.1	33.74	Expose/Verify, DIMP/TIMP	2018-2028
626902	HPSS 32400704	400	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.74%	NA	1972	10.0	49.24	Expose/Verify, DIMP/TIMP	2018-2028
646100	HPSS 646100	400	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.74%	NA	1977	16.3	46.74	Expose/Verify, DIMP/TIMP	2018-2028
626200	HPSS 626200	400	3		1549	850	566	UNKV		566	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.74%	NA	1978	25.0	46.24	Expose/Verify, DIMP/TIMP	2018-2028
626785	HPSS 626785	400	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.74%	NA	1981	45.6	44.74	Expose/Verify, DIMP/TIMP	2018-2028
626850	HPSS 626850	400	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.74%	NA	1984	79.0	43.24	Expose/Verify, DIMP/TIMP	2018-2028
629060	HPSS 629060	400	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.74%	NA	1985	20.0	42.74	Expose/Verify, DIMP/TIMP	2018-2028
646110	HPSS 646110	400	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.74%	NA	1985	52.2	42.74	Expose/Verify, DIMP/TIMP	2018-2028
646501	HPSS 646501	400	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.74%	NA	1985	19.0	42.74	Expose/Verify, DIMP/TIMP	2018-2028
626912	HPSS 626912	400	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.74%	NA	1986	24.0	42.24	Expose/Verify, DIMP/TIMP	2018-2028
626624	HPSS 626624	400	3		1549	700	466	UNKV		466	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.74%	NA	1987	91.1	41.74	Expose/Verify, DIMP/TIMP	2018-2028
626855	HPSS 626855	400	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.74%	NA	1987	66.1	41.74	Expose/Verify, DIMP/TIMP	2018-2028
646655	HPSS 646655	400	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.74%	NA	1987	64.0	41.74	Expose/Verify, DIMP/TIMP	2018-2028
701220	HPSS 701220	400	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.74%	NA	1987	5.0	41.74	Expose/Verify, DIMP/TIMP	2018-2028
626800	HPSS 626800	400	3		1549	650	433	UNKV		433	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.74%	NA	1988	45.0	41.24	Expose/Verify, DIMP/TIMP	2018-2028
626917	HPSS 626917	400	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.74%	NA	1988	48.7	41.24	Expose/Verify, DIMP/TIMP	2018-2028
646659	HPSS 646659	400	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.74%	NA	1988	84.4	41.24	Expose/Verify, DIMP/TIMP	2018-2028
626901	HPSS 626901	400	3		1549	800	533	UNKV		533	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.74%	NA	1989	17.0	40.74	Expose/Verify, DIMP/TIMP	2018-2028
643470	HPSS 643470	400	3		1549	675	450	UNKV		450	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.74%	NA	1989	107.0	41.74	Expose/Verify, DIMP/TIMP	2018-2028
647512	HPSS 647512	400	3		1549	650	433	UNKV		433	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.74%	NA	1989	41.4	40.74	Expose/Verify, DIMP/TIMP	2018-2028
702010	HPSS 702010	400	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.74%	NA	1989	61.9	40.74	Expose/Verify, DIMP/TIMP	2018-2028
628078	HPSS 628078	400	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.74%	NA	1990	135.0	41.24	Expose/Verify, DIMP/TIMP	2018-2028
629091	HPSS 629091	400	3		1549	650	433	UNKV		433	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.74%	NA	1990	74.9	40.24	Expose/Verify, DIMP/TIMP	2018-2028
620025	HPSS 620025	400	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.74%	NA	1991	19.6	39.74	Expose/Verify, DIMP/TIMP	2018-2028
620031	HPSS 620031	400	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.74%	NA	1991	77.8	39.74	Expose/Verify, DIMP/TIMP	2018-2028
620038	HPSS 620038	400	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.74%	NA	1991	58.6	39.74	Expose/Verify, DIMP/TIMP	2018-2028
626625	HPSS 626625	400	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.74%	NA	1991	108.3	40.74	Expose/Verify, DIMP/TIMP	2018-2028
628077	HPSS 628077	400	3		1549	800	533	UNKV		533	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	7.74%	7.74%	1991	327.0	40.74	Expose/Verify, DIMP/TIMP	2018-2028
629031	HPSS 629031	400	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.74%	NA	1991	105.1	40.74	Expose/Verify, DIMP/TIMP	2018-2028
640014	HPSS 641901	400	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.74%	NA	1991	81.0	39.74	Expose/Verify, DIMP/TIMP	2018-2028
700001	HPSS 700001	400	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.74%	NA	1991	307.0	40.74	Expose/Verify, DIMP/TIMP	2018-2028
700002	HPSS 700002	400	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.74%	NA	1991	15.0	39.74	Expose/Verify, DIMP/TIMP	2018-2028
700003	HPSS 700003	400	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	7.74%	7.74%	1991	378.7	40.74	Expose/Verify, DIMP/TIMP	2018-2028
701101	HPSS 701101	400	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.74%	NA	1991	77.1	39.74	Expose/Verify, DIMP/TIMP	2018-2028
701275	HPSS 701275	400	3		1549	700	466	UNKV		466	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.74%	NA	1991	12.0	39.74	Expose/Verify, DIMP/TIMP	2018-2028
620139	HPSS 620139	400	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.74%	NA	1992	48.2	39.24	Expose/Verify, DIMP/TIMP	2018-2028
621364	HPSS 621364	400	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.74%	NA	1992	10.1	39.24	Expose/Verify, DIMP/TIMP	2018-2028
621366	HPSS 621366	400	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.74%	NA	1992	38.0	39.24	Expose/Verify, DIMP/TIMP	2018-2028
629069	HPSS 629069	400	3		1549	755	503	UNKV		503	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	7.74%	7.74%	1992	111.8	40.24	Expose/Verify, DIMP/TIMP	2018-2028
620005	HPSS 620005	400	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.74%	NA	1993	21.0	38.74	Expose/Verify, DIMP/TIMP	2018-2028
629006	HPSS 629006	400	3		1549	750	500	UNKV		500	X		UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.74%	NA	1993	15.0	38.74	Expose/Verify, DIMP/TIMP	2018-2028
700006	HPSS 700006	400	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.74%	NA	1993	12.0	38.74	Expose/Verify, DIMP/TIMP	2018-2028
4963400980	HPSS 4963400980	400	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.74%	NA	1993	30.0	38.74	Expose/Verify, DIMP/TIMP	2018-2028
620621	HPSS 620621	400	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.74%	NA	1994	20.0	38.24	Expose/Verify, DIMP/TIMP	2018-2028
621011	HPSS 621011	400	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.74%	NA	1994	45.0	38.24	Expose/Verify, DIMP/TIMP	2018-2028
621032	HPSS 621032	400	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.74%	NA	1994	42.8	38.24	Expose/Verify, DIMP/TIMP	2018-2028
621036	HPSS 621036	400	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.74%	NA	1994	20.9	38.24	Expose/Verify, DIMP/TIMP	2018-2028
624053	HPSS 624053	400	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.74%	NA	1994	57.8	38.24	Expose/Verify, DIMP/TIMP	2018-2028
620003	HPSS 620003	400	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.74%	NA	1995	10.0	37.74	Expose/Verify, DIMP/TIMP	2018-2028
620006	HPSS 620006	400	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.74%	NA	1995	15.1	37.74	Expose/Verify, DIMP/TIMP	2018-2028
620007	HPSS 620007	400	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.74%	NA	1995	15.0	37.74	Expose/Verify, DIMP/TIMP	2018-2028
620012	HPSS 620012	400	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.74%	NA	1995	18.0	37.74	Expose/Verify, DIMP/TIMP	2018-2028
620902	HPSS 620902	400	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.74%	NA	1995	14.9	37.74	Expose/Verify, DIMP/TIMP	2018-2028
622092	HPSS 622092	400	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	7.74%	7.74%	1995	43.0	37.74	Expose/Verify, DIMP/TIMP	2018-2028

Work Order #	Segment Name	Existing MAOP (psig)	Class Location (1,2,3,4)	Uprate (YES/NO)	Design Pressure 192.619 (a) (1) (psig)	Test Pressure (psig)	Test Pressure 192.619 (a) (2) (psig)	Pressure Class Rating (psig)	Hi-5 Pressure (psig) 192.619 (a) (3)	MAOP per 192.619 (psig)	Meets 192.619	Meets 192.517	MAOP Designation	Max Outside Diameter, OD1 (inches)	Min Wall Thickness, WT1 (inches)	Min SMYS, SMYS1 (psig)	Min Longitudinal Joint Factor, E1 (E)	Unknown Pressure Rated Fitting (YES/NO)	Fittings w/ Assumed SMYS (YES/NO)	Fittings w/ Assumed Joint Factor (YES/NO)	Max Pipe % SMYS	Max Fitting % SMYS	Install Date (Year)	Pipe Length (Feet)	Total Score	Action Plan	Action Year
622203	HPSS 622203	400	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.74%	NA	1995	52.0	37.74	Expose/Verify, DIMP/TIMP	2018-2028
624055	HPSS 624055	400	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.74%	NA	1995	24.0	37.74	Expose/Verify, DIMP/TIMP	2018-2028
640048	HPSS 640048	400	3		1549	700	466	UNKV		466	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.74%	NA	1995	18.9	37.74	Expose/Verify, DIMP/TIMP	2018-2028
627002	HPSS 627002	400	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.74%	NA	1996	45.1	37.24	Expose/Verify, DIMP/TIMP	2018-2028
700051	HPSS 700051	400	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.74%	NA	1996	50.0	37.24	Expose/Verify, DIMP/TIMP	2018-2028
700057	HPSS 700057	400	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.74%	NA	1996	18.0	37.24	Expose/Verify, DIMP/TIMP	2018-2028
620903	HPSS 620903	400	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.74%	NA	1997	35.5	36.74	Expose/Verify, DIMP/TIMP	2018-2028
626551	HPSS 626551	400	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.74%	NA	1997	38.0	36.74	Expose/Verify, DIMP/TIMP	2018-2028
626626	HPSS 626626	400	3		1549	900	600	UNKV		600	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.74%	NA	1997	30.0	36.74	Expose/Verify, DIMP/TIMP	2018-2028
604105	HPSS 604105	400	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.74%	NA	1998	34.7	36.24	Expose/Verify, DIMP/TIMP	2018-2028
602226	HPSS 602226	400	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.74%	NA	1999	14.0	35.74	Expose/Verify, DIMP/TIMP	2018-2028
602243	HPSS 602243	400	3		1549	700	466	UNKV		466	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.74%	NA	1999	26.0	35.74	Expose/Verify, DIMP/TIMP	2018-2028
700065	HPSS 700065	400	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.74%	NA	1999	12.9	35.74	Expose/Verify, DIMP/TIMP	2018-2028
700082	HPSS 700082	400	3		1549	800	533	UNKV		533	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.74%	NA	1999	85.2	35.74	Expose/Verify, DIMP/TIMP	2018-2028
600920	HPSS 600920	400	3		1549	700	466	UNKV		466	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.74%	NA	2001	47.9	34.74	Expose/Verify, DIMP/TIMP	2018-2028
602376	HPSS 602376	400	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.74%	NA	2005	15.0	32.74	Expose/Verify, DIMP/TIMP	2018-2028
700147	HPSS 700147	400	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.74%	NA	2005	13.0	32.74	Expose/Verify, DIMP/TIMP	2018-2028
7973400069	HPSS 7973400069	400	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.74%	NA	2006	17.1	32.24	Expose/Verify, DIMP/TIMP	2018-2028
640115	HPSS 640115	400	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.74%	NA	2007	42.0	31.74	Expose/Verify, DIMP/TIMP	2018-2028
8370445997	HPSS 8370445997	360	3		1456	796	530	UNKV		530	X	Service	UNVALID	1.315	0.133	24000	0.6	YES	NA	NA	7.42%	NA	2015	29.0	27.42	Expose/Verify, DIMP/TIMP	2018-2028
4828142892	HPSS 4828142892	500	3		2123	780	520	UNKV		520	X	Service	UNVALID	1.315	0.133	35000	0.6	YES	NA	NA	7.06%	NA	2016	31.0	22.56	Expose/Verify, DIMP/TIMP	2018-2028
13170	Service Stub	360	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	6.97%	NA	1992	1.0	38.47	Expose/Verify, DIMP/TIMP	2018-2028
10876	HPSS 10876	360	3		1549	1000	666	UNKV		666	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	6.97%	NA	1974	1.0	47.47	Expose/Verify, DIMP/TIMP	2018-2028
10021	HPSS 10021	360	3		1549	700	466	UNKV		466	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	6.97%	NA	1978	3.0	45.47	Expose/Verify, DIMP/TIMP	2018-2028
420800	HPSS 420800	360	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	6.97%	NA	1980	7.1	44.47	Expose/Verify, DIMP/TIMP	2018-2028
10018	HPSS 9420000099	360	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	6.97%	NA	1982	6.0	43.47	Expose/Verify, DIMP/TIMP	2018-2028
10023	HPSS 10023	360	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	6.97%	NA	1984	8.0	42.47	Expose/Verify, DIMP/TIMP	2018-2028
10877	HPSS 10877	360	3		1549	700	466	UNKV		466	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	6.97%	NA	1985	19.9	41.97	Expose/Verify, DIMP/TIMP	2018-2028
420810	HPSS 420810	360	3		1549	700	466	UNKV		466	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	6.97%	NA	1985	31.6	41.97	Expose/Verify, DIMP/TIMP	2018-2028
10026	HPSS 10026	360	3		1549	1000	666	UNKV		666	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	6.97%	NA	1986	45.0	41.47	Expose/Verify, DIMP/TIMP	2018-2028
210269	HPSS 210269	360	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	6.97%	NA	1989	50.0	39.97	Expose/Verify, DIMP/TIMP	2018-2028
420804	HPSS 420804	360	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	6.97%	NA	1989	133.0	40.97	Expose/Verify, DIMP/TIMP	2018-2028
10043	HPSS 10043	360	3		1549	630	420	UNKV		420	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	6.97%	NA	1990	51.0	39.47	Expose/Verify, DIMP/TIMP	2018-2028
300014	HPSS 300014	360	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	6.97%	NA	1990	167.0	40.47	Expose/Verify, DIMP/TIMP	2018-2028
11003	HPSS 11003	360	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	6.97%	6.97%	1991	43.4	38.97	Expose/Verify, DIMP/TIMP	2018-2028
14020	HPSS 14020	360	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	6.97%	NA	1992	19.3	38.47	Expose/Verify, DIMP/TIMP	2018-2028
10908	HPSS 10908	360	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	6.97%	NA	1993	25.0	37.97	Expose/Verify, DIMP/TIMP	2018-2028
300895	HPSS 300895	360	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	6.97%	6.97%	1993	15.9	37.97	Expose/Verify, DIMP/TIMP	2018-2028
210482	HPSS 210482	360	3		1549	750	500	UNKV		500	X		UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	6.97%	NA	1994	20.0	37.47	Expose/Verify, DIMP/TIMP	2018-2028
300264	HPSS 300264	360	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	6.97%	NA	1994	114.9	38.47	Expose/Verify, DIMP/TIMP	2018-2028
420210	HPSS 420210	360	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	6.97%	6.97%	1994	214.6	38.47	Expose/Verify, DIMP/TIMP	2018-2028
148200	HPSS 148200	360	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	6.97%	NA	1996	18.1	36.47	Expose/Verify, DIMP/TIMP	2018-2028
29200	HPSS 29200	360	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	6.97%	NA	1997	19.0	35.97	Expose/Verify, DIMP/TIMP	2018-2028
147100	HPSS 147100	360	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	6.97%	NA	1997	12.0	35.97	Expose/Verify, DIMP/TIMP	2018-2028
300924	HPSS 300924	360	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	6.97%	NA	1997	24.9	35.97	Expose/Verify, DIMP/TIMP	2018-2028
18300	HPSS 18300	360	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	6.97%	NA	1998	15.0	35.47	Expose/Verify, DIMP/TIMP	2018-2028
420220	HPSS 420220	360	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	6.97%	NA	2003	15.6	32.97	Expose/Verify, DIMP/TIMP	2018-2028
10946	HPSS 10946	360	3		1549	800	533	UNKV		533	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	6.97%	NA	2005	12.3	31.97	Expose/Verify, DIMP/TIMP	2018-2028
144055	HPSS 144055	360	3		1549	830	553	UNKV		553	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	6.97%	NA	2005	3.0	31.97	Expose/Verify, DIMP/TIMP	2018-2028
555660	HPSS 555660	250	3		1193	450	300	UNKV		300	X	Service	UNVALID	1.315	0.109	24000	0.6	YES	YES	YES	6.28%	6.28%	1989	4.9	39.28	Expose/Verify, DIMP/TIMP	2018-2028
18035	HPSS 18035	250	3		1193	750	500	UNKV		500	X	Service	UNVALID	1.315	0.109	24000	0.6	YES	NA	NA	6.28%	NA	2009	13.0	29.28	Expose/Verify, DIMP/TIMP	2018-2028
7246184565	HPSS 7246184565	250	3		1193	750	500	UNKV		500	X	Service	UNVALID	1.315	0.109	24000	0.6	YES	NA	NA	6.28%	NA	2012	51.0	27.78	Expose/Verify, DIMP/TIMP	2018-2028
6823202244	HPSS 6823202244	250	3		1193	790	526	UNKV		526	X	Service	UNVALID	1.315	0.109	24000	0.6	YES	NA	NA	6.28%	NA	2014	20.0	26.78	Expose/Verify, DIMP/TIMP	2018-2028
6898886189	HPSS 6898886189	250	3		1193	790	526	UNKV		526	X	Service	UNVALID	1.315	0.109	24000	0.6	YES	NA	NA	6.28%	NA	2014	8.0	26.78	Expose/Verify, DIMP/TIMP	2018-2028
7007685992	HPSS 7007685992	250	3		1193	790	526	UNKV		526	X	Service	UNVALID	1.315	0.109	24000	0.6	YES	NO	YES	6.28%	3.53%	2015	67.0	26.28	Expose/Verify, DIMP/TIMP	2018-2028
380170	HPSS 380170	249	3		1214	400	266	UNKV		266	X	Service	UNVALID	1.66	0.14	24000	0.6	YES	YES	YES	6.15%	6.15%	1993	167.0	38.15	Expose/Verify, DIMP/TIMP	2018-2028
570252	HPSS 570252	250	3		1237	650	433	UNKV		433	X	Service	UNVALID	1.315	0.113	24000	0.6	YES	NA	NA	6.06%	NA	1995	46.0	36.06	Expose/Verify, DIMP/TIMP	2018-2028
570282	HPSS 570282	250	3		1237	750	500	UNKV		500	X	Service	UNVALID	1.315	0.113	24000	0.6	YES	NA	NA	6.06%	NA	2005	21.1	31.06	Expose/Verify, DIMP/TIMP	2018-2028
602278	HPSS 602278	400	3		2260	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	35000	0.6	YES	NA	NA	5.31%	NA	1999	24.1	29.31	Expose/Verify, DIMP/TIMP	2018-2028
700068	HPSS 700068	400	3		2260	700	466	UNKV		466	X	Service	UNVALID	1.05	0.113	35000	0.6	YES	NA	NA	5.31%	NA	1999	22.4	29.31	Expose/Verify, DIMP/TIMP	2018-2028
894	HPSS 894	400	3		2260	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	35000	0.6	YES	NA	NA	5.31%	NA	2000	42.3	28.81	Expose/Verify, DIMP/TIMP	2018-2028
600954	HPSS 600954	400	3		2260	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	35000	0.6	YES	NA	NA	5.31%	NA	2000	17.0	28.81	Expose/Verify, DIMP/TIMP	2018-2028
224186	Anacortes H.P. Distribution System	105	3		499	300	200	UNKV		200	X	X	UNVALID	6.625	0.188	35000	0.8	YES	YES	YES	5.29%	7.71%	1995	2,399.2	45.21	Expose/Verify, DIMP/TIMP	2018-2028
24C9676	4" La Conner H.P. Line	151	3		499	660	440	UNKV		440	X	NA	UNVALID	4.5	0.188	35000	0.6	YES	YES	YES	5.16%	9.07%	1965	21,225.3	72.57	Expose/Verify, DIMP/TIMP	2018-2028
1450	HPSS 150114	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1980	138.5	38.34	Expose/Verify, DIMP/TIMP	2018-2028
497695	HPSS 497695	250	4		1239	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1981	55.1	38.84	Expose/Verify, DIMP/TIMP	2018-2028
497497	HPSS 497497	250	4		1239	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1985	84.5	36.84	Expose/Verify, DIMP/TIMP	2018-2028
555856	HPSS 555856	250	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1986	40.3	34.34	Expose/Verify, DIMP/TIMP	2018-2028
497720	HPSS 497720	250	4		1239	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1987	49.2	35.84	Expose/Verify, DIMP/TIMP	2018-2028
497450	HPSS 497450	250	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1988	65.7	33.34	Expose/Verify, DIMP/TIMP	2018-2028
497500	HPSS 497500	250	4		1239	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1988	95.9	35.34	Expose/Verify, DIMP/TIMP	2018-2028
560005	HPSS 560005	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1989	16.0	32.84	Expose/Verify, DIMP/TIMP	2018-2028
560108	HPSS 560108	250	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	4.84%	4.84%	1990	74.6	32.34	Expose/Verify, DIMP/TIMP	2018-2028
490017	HPSS 490017	250	4		1239	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1991	41.1	33.84	Expose/Verify, DIMP/TIMP	2018-2028
490023	HPSS 490023	250	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1991	56.3	31.84	Expose/Verify, DIMP/TIMP	2018-2028
560700	HPSS 560700	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	4.84%	4.84%	1991	114.4	32.84	Expose/Verify, DIMP/TIMP	2018-2028
492002	HPSS 492002	250	4		1239	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	4.84%	4.84%	1992	53.4	33.34	Expose/Verify, DIMP/TIMP	2018-2028
490079	HPSS 490100	250	4		1239	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1993	55.1	32.84	Expose/Verify, DIMP/TIMP	2018-2028
490211	HPSS 490211	250	4		1239	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1995	9.0	31.84	Expose/Verify, DIMP/TIMP	2018-2028
560431	HPSS 560431	250	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1995	67.2	29.84	Expose/Verify, DIMP/TIMP	2018-2028
560447	HPSS 560447	250	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1995	26.0	29.84	Expose/Verify, DIMP/TIMP	2018-2028
560451	HPSS 560451	250	3		1549	650	433	UNKV		433	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1995	49.1	29.84	Expose/Verify, DIMP/TIMP	2018-2028
560473	HPSS 560473	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	4.84%	4.84%	1995	11.0	29.84	Expose/Verify, DIMP/TIMP	2018-2028

Work Order #	Segment Name	Existing MAOP (psig)	Class Location (1,2,3,4)	Uprate (YES/NO)	Design Pressure 192.619 (a) (1) (psig)	Test Pressure (psig)	Test Pressure 192.619 (a) (2) (psig)	Pressure Class Rating (psig)	Hi-5 Pressure (psig) 192.619 (a) (3)	MAOP per 192.619 (psig)	Meets 192.619	Meets 192.517	MAOP Designation	Max Outside Diameter, OD1 (inches)	Min Wall Thickness, WT1 (inches)	Min SMYS, SMYS1 (psig)	Min Longitudinal Joint Factor, E1 (E)	Unknown Pressure Rated Fitting (YES/NO)	Fittings w/ Assumed SMYS (YES/NO)	Fittings w/ Assumed Joint Factor (YES/NO)	Max Pipe % SMYS	Max Fitting % SMYS	Install Date (Year)	Pipe Length (Feet)	Total Score	Action Plan	Action Year
560475	HPSS 560475	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	4.84%	4.84%	1995	24.9	29.84	Expose/Verify, DIMP/TIMP	2018-2028
570266	HPSS 570266	250	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1995	31.0	29.84	Expose/Verify, DIMP/TIMP	2018-2028
570272	HPSS 570272	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1995	70.0	29.84	Expose/Verify, DIMP/TIMP	2018-2028
570300	HPSS 570300	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1995	58.0	29.84	Expose/Verify, DIMP/TIMP	2018-2028
490321	HPSS 490321	250	4		1239	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1996	12.8	31.34	Expose/Verify, DIMP/TIMP	2018-2028
570287	HPSS 570287	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1996	19.0	29.34	Expose/Verify, DIMP/TIMP	2018-2028
490294	HPSS 490294	250	4		1239	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1997	122.7	31.84	Expose/Verify, DIMP/TIMP	2018-2028
560581	HPSS 560581	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1997	5.4	28.84	Expose/Verify, DIMP/TIMP	2018-2028
570297	HPSS 570297	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1997	46.0	28.84	Expose/Verify, DIMP/TIMP	2018-2028
560682	HPSS 560682	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1999	10.0	27.84	Expose/Verify, DIMP/TIMP	2018-2028
570353	HPSS 570353	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1999	44.0	27.84	Expose/Verify, DIMP/TIMP	2018-2028
570354	HPSS 570354	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1999	13.2	27.84	Expose/Verify, DIMP/TIMP	2018-2028
570355	HPSS 570355	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1999	44.0	27.84	Expose/Verify, DIMP/TIMP	2018-2028
570382	HPSS 570382	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1999	50.0	27.84	Expose/Verify, DIMP/TIMP	2018-2028
570551	HPSS 570551	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	2002	21.0	26.34	Expose/Verify, DIMP/TIMP	2018-2028
560477	HPSS 560477	250	3		1549	748	498	UNKV		498	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	2005	23.9	24.84	Expose/Verify, DIMP/TIMP	2018-2028
560491	HPSS 560491	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	2005	23.7	24.84	Expose/Verify, DIMP/TIMP	2018-2028
570363	HPSS 570363	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	2005	63.1	24.84	Expose/Verify, DIMP/TIMP	2018-2028
561092	HPSS 561092	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	2008	33.5	23.34	Expose/Verify, DIMP/TIMP	2018-2028
381049	HPSS 381049	249	3		1549	450	300	UNKV		300	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.82%	NA	1998	53.0	28.32	Expose/Verify, DIMP/TIMP	2018-2028
381320	HPSS 381320	249	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	4.82%	4.82%	1998	44.0	28.32	Expose/Verify, DIMP/TIMP	2018-2028
56519	Inlet 017-R-125	360	3		2260	800	533	UNKV		533	X		UNVALID	1.05	0.113	35000	0.6	YES	NA	NA	4.78%	NA	1989	246.7	29.78	Expose/Verify, DIMP/TIMP	2018-2028
4626525386	HPSS 4626525386	151	3		1193	750	500	UNKV		500	X	Service	UNVALID	1.315	0.109	24000	0.6	YES	NA	NA	3.80%	NA	2012	10.0	20.30	Expose/Verify, DIMP/TIMP	2018-2028
17254	Anacortes H.P. Distribution System	105	3		492	370	264	UNKV		264	X		UNVALID	4.5	0.188	35000	0.6	YES	YES	YES	3.59%	6.39%	1970	1,843.0	57.39	Expose/Verify, DIMP/TIMP	2018-2028
290040	HPSS 290040	175	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.39%	NA	1991	83.6	30.39	Expose/Verify, DIMP/TIMP	2018-2028
2295	HPSS 2295	175	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.39%	NA	1992	54.0	29.89	Expose/Verify, DIMP/TIMP	2018-2028
290109	HPSS 2934100003	175	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	3.39%	3.39%	1994	88.0	28.89	Expose/Verify, DIMP/TIMP	2018-2028
570404	HPSS 570404	250	3		2260	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	35000	0.6	YES	NA	NA	3.32%	NA	2000	60.0	21.82	Expose/Verify, DIMP/TIMP	2018-2028
126016	HPSS 126016	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	35000	0.6	YES	YES	YES	3.32%	4.84%	2001	61.7	26.84	Expose/Verify, DIMP/TIMP	2018-2028
420002	HPSS 420002	151	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	2.92%	2.92%	1975	35.0	37.92	Expose/Verify, DIMP/TIMP	2018-2028
420001	HPSS 420001	151	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.92%	NA	1979	42.0	35.92	Expose/Verify, DIMP/TIMP	2018-2028
420017	HPSS 420017	151	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.92%	NA	1980	57.0	35.42	Expose/Verify, DIMP/TIMP	2018-2028
420020	HPSS 420020	151	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.92%	NA	1985	36.0	32.92	Expose/Verify, DIMP/TIMP	2018-2028
420022	HPSS 420022	151	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.92%	NA	1986	58.0	32.42	Expose/Verify, DIMP/TIMP	2018-2028
420027	HPSS 420027	151	3		1549	375	250	UNKV		250	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	2.92%	2.92%	1988	97.9	31.42	Expose/Verify, DIMP/TIMP	2018-2028
420400	HPSS 420400	151	3		1549	250	166	UNKV		166	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	2.92%	2.92%	1990	105.7	31.42	Expose/Verify, DIMP/TIMP	2018-2028
420032	HPSS 420032	151	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	2.92%	2.92%	1991	124.6	30.92	Expose/Verify, DIMP/TIMP	2018-2028
420104	HPSS 420104	151	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	2.92%	2.92%	1991	267.0	30.92	Expose/Verify, DIMP/TIMP	2018-2028
420105	HPSS 420105	151	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	2.92%	2.92%	1991	172.4	30.92	Expose/Verify, DIMP/TIMP	2018-2028
420532	HPSS 420532	151	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.92%	NA	1998	39.0	26.42	Expose/Verify, DIMP/TIMP	2018-2028
1780000537	HPSS 1780000537	105	3		1193	750	500	UNKV		500	X	Service	UNVALID	1.315	0.109	24000	0.6	YES	NA	NA	2.64%	NA	2013	21.5	18.64	Expose/Verify, DIMP/TIMP	2018-2028
10980	HPSS 10980	105	3		1549	250	166	UNKV		166	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.03%	NA	1958	77.7	52.53	Expose/Verify, DIMP/TIMP	2018-2028
10817	HPSS 7380000506	105	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	2.03%	2.03%	1965	17.5	45.53	Expose/Verify, DIMP/TIMP	2018-2028
10856	HPSS 10856	105	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.03%	NA	1978	16.6	35.53	Expose/Verify, DIMP/TIMP	2018-2028
10593	HPSS 10593	105	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.03%	NA	1979	41.0	35.03	Expose/Verify, DIMP/TIMP	2018-2028
10828	HPSS 10828	105	3		1549	350	233	UNKV		233	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.03%	NA	1986	17.8	31.53	Expose/Verify, DIMP/TIMP	2018-2028
10829	HPSS 10829	105	3		1549	350	233	UNKV		233	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.03%	NA	1986	19.0	31.53	Expose/Verify, DIMP/TIMP	2018-2028
10809	HPSS 10809	105	3		1549	250	166	UNKV		166	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.03%	NA	1987	16.0	31.03	Expose/Verify, DIMP/TIMP	2018-2028
10842	HPSS 10842	105	3		1549	300	200	UNKV		200	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.03%	NA	1989	51.7	30.03	Expose/Verify, DIMP/TIMP	2018-2028
10996	HPSS 10996	105	3		1549	160	106	UNKV		106	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.03%	NA	1990	46.2	29.53	Expose/Verify, DIMP/TIMP	2018-2028
16001	HPSS 16001	105	3		1549	263	175	UNKV		175	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.03%	NA	1991	70.1	29.03	Expose/Verify, DIMP/TIMP	2018-2028
10991	HPSS 10991	105	3		1549	263	175	UNKV		175	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.03%	NA	1992	80.0	28.53	Expose/Verify, DIMP/TIMP	2018-2028
24000	HPSS 24000	105	3		1549	265	176	UNKV		176	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.03%	NA	1992	147.5	29.53	Expose/Verify, DIMP/TIMP	2018-2028
11077	HPSS 401000792	105	3		1549	250	166	UNKV		166	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.03%	NA	2013	34.8	18.03	Expose/Verify, DIMP/TIMP	2018-2028
401000792	HPSS 401000792	105	3		3539	750	500	UNKV		500	X	Service	UNVALID	1.315	0.133	35000	1	YES	NO	NO	1.48%	1.48%	2013	0.0	11.48	Expose/Verify, DIMP/TIMP	2018-2028
42924	6" South Mount Vernon H.P. Line	250	3		544	600	400	250		250	X		UNVALID	6.625	0.188	35000	0.8	NO	YES	YES	12.59%	18.35%	1993	5,746.1	64.35	DIMP/TIMP, Missing 192.517	2018-2019
39617	Inlet 017-R-100	500	3		1193	750	500	1440		500	X		UNVALID	2.375	0.154	35000	0.6	NO	YES	YES	11.02%	12.57%	1992	74.8	49.07	DIMP/TIMP, Missing 192.517	2018-2019
198411	017-V-216	500	3		1361	750	500	720		500	X		UNVALID	2.375	0.154	35000	0.6	NO	NO	YES	11.02%	7.78%	2012	44.4	33.52	DIMP/TIMP, Missing 192.517	2018-2019
33831	6" North Oak Harbor H.P. Line (Inlet 017-R-076)	400	3		1361	750	500	1440		500	X		UNVALID	2.375	0.154	35000	0.6	NO	NO	YES	8.81%	8.81%	1986	99.2	39.31	DIMP/TIMP, Missing 192.517	2018-2019
G0083869	Inlet 017-R-175	400	3		1361	780	520	720		520	X		UNVALID	2.375	0.154	35000	0.6	NO	NA	NA	8.81%	NA	2009	77.1	27.81	DIMP/TIMP, Missing 192.517	2018-2019
49815	Inlet 017-R-114	400	3		1361	750	500	1440		500	X		UNVALID	2.375	0.154	35000	0.6	NO	NO	YES	8.81%	8.81%	1996	72.3	34.31	DIMP/TIMP, Missing 192.517	2018-2019
50252	Inlet 017-R-117	400	3		1361	600	400	1440		400	X		UNVALID	2.375	0.154	35000	0.6	NO	NO	YES	8.81%	8.81%	1997	51.0	33.81	DIMP/TIMP, Missing 192.517	2018-2019
58345	Inlet 017-R-131	400	3		1361	750	500	1440		500	X		UNVALID	2.375	0.154	35000	0.6	NO	NA	NA	8.81%	NA	2000	59.2	32.31	DIMP/TIMP, Missing 192.517	2018-2019
G0073225	Inlet 017-R-145	400	3		1361	600	400	1440		400	X		UNVALID	2.375	0.154	35000	0.6	NO	NA	NA	8.81%	NA	2004	44.5	30.31	DIMP/TIMP, Missing 192.517	2018-2019
G0083505	Inlet 017-R-153	400	3		1361	750	500	1440		500	X		UNVALID	2.375	0.154	35000	0.6	NO	NA	NA	8.81%	NA	2008	5.3	28.31	DIMP/TIMP, Missing 192.517	2018-2019
55557	Inlet 017-R-121	250	3		933	700	466	NA		466	X		UNVALID	2.375	0.154	24000	0.6	NO	YES	YES	8.03%	8.03%	1998	324.5	37.53	DIMP/TIMP, Missing 192.517	2018-2019
42178	Inlet 017-R-095	249	3		933	600	400	1440		400	X		UNVALID	2.375	0.154	24000	0.6	NO	NA	NA	8.00%	NA	1992	21.0	39.50	DIMP/TIMP, Missing 192.517	2018-2019
41521	8" March Point H.P. Line (Inlet 017-R-132)	360	3		1361	750	500	1440		500	X		UNVALID	2.375	0.154	35000	0.6	NO	NO	YES	7.93%	7.93%	1992	539.7	40.43	DIMP/TIMP, Missing 192.517	2018-2019
45940	Inlet 017-R-105	360	3		1361	750	500	1440		500	X		UNVALID	2.375	0.154	35000	0.6	NO	NO	YES	7.93%	7.93%	1994	156.0	35.43	DIMP/TIMP, Missing 192.517	2018-2019
47084	Inlet 017-R-107	360	3		1361	750	500	1440		500	X		UNVALID	2.375	0.154	35000	0.6	NO	NA	NA	7.93%	NA	1994	67.2	34.43	DIMP/TIMP, Missing 192.517	2018-2019
48868	Inlet 017-R-110	360	3		1361	750	500	1440		500	X		UNVALID	2.375	0.154	35000	0.6	NO	NO	YES	7.93%	7.93%	1995	26.9	33.93	DIMP/TIMP, Missing 192.517	2018-2019
GG008936	4" South Anacortes H.P. Line	250	3		1052	792	528	720		528	X		UNVALID	4.5	0.188	42000	0.6	NO	YES	YES	7.12%	6.78%	2005	60.9	32.12	DIMP/TIMP, Missing 192.517	2018-2019
36159	4" North Texas Rd H.P. Line	250	3		499	375	250	1440		250	X		UNVALID	2.375	0.154	35000	0.6	NO	YES	YES	5.51%	15.02%	1988	14.2	53.52	DIMP/TIMP, Missing 192.517	2018-2019
49967	Inlet 017-R-115	250	3		1361	600	400	1440		400	X		UNVALID	2.375	0.154	35000	0.6	NO	NO	YES	5.51%	5.51%	1995	20.0	31.51	DIMP/TIMP, Missing 192.517	2018-2019
49702	Inlet 017-R-113	250	3		1361	600	400	1440		400	X		UNVALID	2.375	0.154	35000	0.6	NO	NO	YES	5.51%	5.51%	1996	25.2	31.01	DIMP/TIMP, Missing 192.517	2018-2019
42185	Inlet 017-R-094	249	3		1361	750	500	1440		500	X		UNVALID	2.375	0.154	35000	0.6	NO	NA	NA	5.49%	NA	1982	14.7	37.99	DIMP/TIMP, Missing 192.517	2018-2019
44844	Inlet 017-R-102	249	3		1361	600	400	1440		400	X		UNVALID	2.375	0.154	35000	0.6	NO	NO	YES	5.49%	5.49%	1994	22.1	31.99	DIMP/TIMP, Missing 192.517	2018-2019
50290	Inlet 017-R-116	249	3		1361	600	400	1440		400	X		UNVALID	2.375	0.154	35000	0.6	NO	NO	YES	5.49%	5.49%	1996	26.4	30.99	DIMP/TIMP, Missing 192.517	2018-2019
28304	Inlet 017-R-067	400	3		2260	750	500	1200		500	X		UNVALID	1.05	0.113	35000	0.6	NO	NA	NA	5.31%	NA	1980	15.6	38.81	DIMP/TIMP, Missing 192.517	2018-2019
53019	Anacortes H.P. Distribution System	105	3		811	275	183	NA		183	X		UNVALID	8.625	0.25	35000	0.8	NO	NO	YES	5.18%	4.02%	1997	26.8	30.18	DIMP/TIMP, Missing 192.517	2018-2019
30082	Inlet 017-R-077	175	3		1361	600	400	1440		400	X		UNVALID	2.375	0.154	35000	0.6	NO	NO	YES	3.86%	3.86%	1982	886.7	36.36	DIMP/TIMP, Missing 192.517	2018-2019
52559	Inlet 017-R-118	151	3		1361	600	400	1440		400	X		UNVALID	2.375	0.154	35000	0.6	NO	NO	YES	3.33%	3.33%	1997	21.0	23.33	DIMP/TIMP, Missing 192.517	2018-2019
26117	Inlet 017-R-042	105	3		1361	600	400	NA		400	X		UNVALID	2.375	0.154	35000	0.6	NO	NO	YES	2.31%	2.31%	1979	26.0	31.31	DIMP/TIMP, Missing 192.517	2018-2019

Work Order #	Segment Name	Existing MAOP (psig)	Class Location (1,2,3,4)	Uprate (YES/NO)	Design Pressure 192.619 (a) (1) (psig)	Test Pressure (psig)	Test Pressure 192.619 (a) (2) (psig)	Pressure Class Rating (psig)	Hi-5 Pressure (psig) 192.619 (a) (3)	MAOP per 192.619 (psig)	Meets 192.619	Meets 192.517	MAOP Designation	Max Outside Diameter, OD1 (inches)	Min Wall Thickness, WT1 (inches)	Min SMYS, SMYS1 (psig)	Min Longitudinal Joint Factor, E1 (E)	Unknown Pressure Rated Fitting (YES/NO)	Fittings w/ Assumed SMYS (YES/NO)	Fittings w/ Assumed Joint Factor (YES/NO)	Max Pipe % SMYS	Max Fitting % SMYS	Install Date (Year)	Pipe Length (Feet)	Total Score	Action Plan	Action Year
32375	Inlet 017-R-023	105	3		1361	750	500	1440		500	X		UNVALID	2.375	0.154	35000	0.6	NO	NO	YES	2.31%	2.31%	1985	41.6	28.31	DIMP/TIMP, Missing 192.517	2018-2019
33004	Inlet 017-R-026	105	3		1361	675	450	1440		450	X		UNVALID	2.375	0.154	35000	0.6	NO	NO	YES	2.31%	2.31%	1986	20.4	27.81	DIMP/TIMP, Missing 192.517	2018-2019
34257	Inlet 017-R-079	105	3		1193	250	166	1440		166	X		UNVALID	2.375	0.154	35000	0.6	NO	YES	YES	2.31%	2.64%	1987	78.2	31.64	DIMP/TIMP, Missing 192.517	2018-2019
41293	Inlet 017-R-093	105	3		1361	750	500	1440		500	X		UNVALID	2.375	0.154	35000	0.6	NO	NA	NA	2.31%	NA	1991	17.8	25.31	DIMP/TIMP, Missing 192.517	2018-2019
45845	Inlet 017-R-104	105	3		1361	265	176	1440		176	X		UNVALID	2.375	0.154	35000	0.6	NO	NO	YES	2.31%	2.31%	1994	7.0	23.81	DIMP/TIMP, Missing 192.517	2018-2019
51883	Inlet 017-R-043	105	3		1361	275	183	1440		183	X		UNVALID	2.375	0.154	35000	0.6	NO	NO	YES	2.31%	2.31%	1997	21.1	22.31	DIMP/TIMP, Missing 192.517	2018-2019
60209	Fredonia Compressor Station	500	3		375	800	533	UNKV		375		X	UNVALID	16	0.25	35000	1	YES	YES	NO	59.56%	66.67%	2001	483.1	117.67	In-Situ Test	2018-2019
4086545446	Inlet M&R 191484	500	3		758	780	520	UNKV		520	X	Service	UNVALID	4.5	0.188	42000	0.6	YES	YES	YES	14.25%	19.78%	2012	62.0	46.28	Expose/Verify, DIMP/TIMP	2018-2028
45730	16" March Point Transmission Line	500	3		437	0	0	NA		0			UNVALID	16	0.25	35000	0.8	NO	NA	NA	45.71%	NA	1993	3.0	137.71	Pressure Test/Replace	2018-2019
16049	017-O-003	960	3		1183	0	0	UNKV		0			UNVALID	6.625	0.28	52000	0.8	YES	NO	YES	21.84%	32.45%	1970	120.7	126.95	Pressure Test/Replace	2018-2019

Work Order #	Segment Name	Existing MAOP (psig)	Class Location (1,2,3,4)	Uprate (YES/NO)	Design Pressure 192.619 (a) (1) (psig)	Test Pressure (psig)	Test Pressure 192.619 (a) (2) (psig)	Pressure Class Rating (psig)	Hi-5 Pressure (psig) 192.619 (a) (3)	MAOP per 192.619 (psig)	Meets 192.619	Meets 192.517	MAOP Designation	Max Outside Diameter, OD1 (inches)	Min Wall Thickness, WT1 (inches)	Min SMYS, SMYS1 (psig)	Min Longitudinal Joint Factor, E1 (E)	Unknown Pressure Rated Fitting (YES/NO)	Fittings w/ Assumed SMYS (YES/NO)	Fittings w/ Assumed Joint Factor (YES/NO)	Max Pipe % SMYS	Max Fitting % SMYS	Install Date (Year)	Pipe Length (Feet)	Total Score	Action Plan	Action Year
WWL1-1	8" Walla Walla H.P. Line	150	3		418	0	0	NA		0			UNVALID	8.625	0.188	24000	0.8	NO	NA	NA	14.34%	NA	1956	5,345.0	108.34	116 Segment, Pressure Test	2020
WWL2-1	3" College Place H.P. Line	150	3		641	0	0	NA		0			UNVALID	3.5	0.156	24000	0.6	NO	YES	YES	7.01%	7.01%	1956	2,660.6	92.05	116 Segment, Retire	2022
3503801004	Service Stub	150	3		1193	90	1	UNKV		1			UNVALID	1.315	0.109	24000	0.6	YES	YES	YES	3.77%	3.77%	2010	25.0	22.27	Addressed w/ 116 Segment	2020
UNKV	O26-O-001 to Williams	150	3		418	0	0	NA		0			UNVALID	8.625	0.188	24000	0.8	NO	NA	NA	14.34%	NA	1956	0.0	98.34	Addressed w/ 116 Segment	2020
MM000188	026-V-030	150	3		908	600	400	720		400	X	X	VALID	4.5	0.237	35000	0.6	NO	NO	YES	4.07%	6.60%	2002	17.0	29.10	Accept Most Stringent Criteria	--
MM000189	026-V-031	150	3		908	600	400	720		400	X	X	VALID	8.625	0.322	46000	0.8	NO	NO	YES	4.37%	6.60%	2002	20.7	29.10	Accept Most Stringent Criteria	--
MM000190	026-O-001	150	3		418	600	400	720		400	X	X	VALID	8.625	0.188	24000	0.8	NO	YES	YES	14.34%	8.37%	2002	62.2	45.84	Accept Most Stringent Criteria	--
212245	6" College Place H.P. Line	150	3		418	630	420	720		418	X	X	VALID	6.625	0.188	52000	0.8	NO	YES	YES	5.08%	14.34%	2015	3,966.9	46.84	Accept Most Stringent Criteria	--

Work Order #	Segment Name	Existing MAOP (psig)	Class Location (1,2,3,4)	Uprate (YES/NO)	Design Pressure 192.619 (a) (1) (psig)	Test Pressure (psig)	Test Pressure 192.619 (a) (2) (psig)	Pressure Class Rating (psig)	Hi-5 Pressure (psig) 192.619 (a) (3)	MAOP per 192.619 (psig)	Meets 192.619	Meets 192.517	MAOP Designation	Max Outside Diameter, OD1 (inches)	Min Wall Thickness, WT1 (inches)	Min SMYS, SMYS1 (psig)	Min Longitudinal Joint Factor, E1 (E)	Unknown Pressure Rated Fitting (YES/NO)	Fittings w/ Assumed SMYS (YES/NO)	Fittings w/ Assumed Joint Factor (YES/NO)	Max Pipe % SMYS	Max Fitting % SMYS	Install Date (Year)	Pipe Length (Feet)	Total Score	Action Plan	Action Year
WenL1-1,2	6" & 8" Moses Lake Transmission Line	250	3		418	0	0	UNKV		0			UNVALID	8.625	0.188	24000	0.8	YES	YES	YES	23.89%	23.89%	1957	16,970.9	134.39	116 Segment, Replace	2018
WenL1-1,2	6" & 8" Moses Lake Transmission Line	250	3		418	0	0	NA		0			UNVALID	8.625	0.188	24000	0.8	NO	NA	NA	23.89%	NA	1957	102.6	120.39	116 Segment, Replace	2018
59C7038	4" Othello Transmission Line	400	3		626	0	0	UNKV		0			UNVALID	4.5	0.188	25000	0.6	YES	YES	YES	19.15%	12.85%	1963	62,566.8	121.15	116 Segment, Replace	2019
14455	4" South Moses Lake H.P. Line	250	3		544	0	0	NA		0			UNVALID	4.5	0.188	35000	0.6	NO	YES	YES	8.55%	18.35%	1968	3,006.3	97.85	116 Segment, Pressure Test	2017
2912	6" Wenatchee H.P. Line	225	3		544	0	0	NA		0			UNVALID	6.625	0.188	24000	0.8	NO	YES	YES	16.52%	16.52%	1973	32,219.6	102.52	116 Segment, Pressure Test	2020
WenL2-2	2" Wheeler H.P. Line	250	3		933	0	0	NA		0			UNVALID	2.375	0.154	24000	0.6	NO	YES	YES	8.03%	8.03%	1962	3,673.8	87.03	116 Segment, Replace	2022
58C5745	2" Wheeler H.P. Line (Inlet 029-R-007)	250	3		933	0	0	NA		0			UNVALID	2.375	0.154	24000	0.6	NO	YES	YES	8.03%	8.03%	1962	210.0	80.53	116 Segment, Replace	2022
18998	4" Othello Transmission Line	400	3		499	531	354	UNKV		354			UNVALID	6.625	0.188	35000	0.8	YES	YES	YES	20.14%	24.04%	1971	71.3	81.04	116 Segment, Replace	2019
29378	6" & 8" Moses Lake Transmission Line	250	3		610	0	0	720		0			UNVALID	8.625	0.188	35000	0.8	NO	NO	YES	16.38%	9.57%	1981	28.9	74.38	116 Segment, Replace	2018
60390	6" & 8" Moses Lake Transmission Line (4" Main)	250	3		499	375	250	UNKV		250	X	X	UNVALID	4.5	0.156	24000	0.6	YES	YES	YES	15.02%	15.02%	1981	2,031.2	64.52	116 Segment, Most Stringent Criteria	2016
3750010	HPSS 3750010	400	3		1214	30	21	UNKV		21			UNVALID	1.66	0.14	24000	0.6	YES	NA	NA	9.88%	NA	1969	20.0	59.38	Addressed w/ 116 Segment	2019
3660039	HPSS 3660039	400	3		1549	50	35	UNKV		35			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.74%	NA	1967	3.0	59.24	Addressed w/ 116 Segment	2019
3764650	HPSS 3764650	250	3		1549	100	71	UNKV		71			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1968	46.0	46.34	Pressure Test/Replace	2024-2028
3400110	Service to 3132 Road O NE	100	3		933	125	83	NA		83			UNVALID	2.375	0.154	24000	0.6	NO	YES	YES	3.21%	3.21%	2008	57.0	22.71	Addressed w/ 116 Segment	2022
5791140	HPSS 5791140	225	3		1549	90	64	UNKV		64			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.36%	NA	1966	8.0	47.86	Addressed w/ 116 Segment	2020
3260178	Service Stub	250	3		1549	118	78	UNKV		78			UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	4.84%	4.84%	1968	12.0	46.34	Addressed w/ 116 Segment	2022
3761595	HPSS 3761595	250	3		1549	100	71	UNKV		71			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1968	17.0	46.34	Pressure Test/Replace	2024-2028
3764575	Service Stub	250	3		1549	30	21	UNKV		21			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1969	10.0	45.34	Pressure Test/Replace	2024-2028
5791420	HPSS 5791420	225	3		1549	90	64	UNKV		64			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.36%	NA	1969	9.0	44.86	Addressed w/ 116 Segment	2020
14582	Inlet 029-R-009	400	3		1361	100	66	NA		66			UNVALID	2.375	0.154	35000	0.6	NO	NA	NA	8.81%	NA	1968	18.0	55.31	Addressed w/ 116 Segment	2019
3260160	HPSS 3260160	250	3		1193	225	150	UNKV		150			UNVALID	1.315	0.109	24000	0.6	YES	NA	NA	6.28%	NA	1971	21.3	53.28	Addressed w/ 116 Segment	2018
3660042	HPSS 3660042	400	3		1549	100	66	UNKV		66			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.74%	NA	1988	14.0	46.24	Addressed w/ 116 Segment	2019
3260172	HPSS 3260172	250	3		1193	100	66	UNKV		66			UNVALID	1.315	0.109	24000	0.6	YES	NA	NA	6.28%	NA	1975	71.0	51.28	Addressed w/ 116 Segment	2018
2566454439	HPSS 2566454439	400	3		1193	100	66	UNKV		66			UNVALID	1.315	0.109	24000	0.6	YES	NA	NA	10.05%	NA	2015	60.0	40.05	Addressed w/ 116 Segment	2019
3400136	HPSS 3400136	250	3		933	100	66	UNKV		66			UNVALID	2.375	0.154	24000	0.6	YES	NA	NA	8.03%	NA	1996	89.0	42.53	Addressed w/ 116 Segment	2018
3260170	HPSS 3260170	250	3		1193	100	66	UNKV		66			UNVALID	1.315	0.109	24000	0.6	YES	NA	NA	6.28%	NA	1982	18.3	47.78	Addressed w/ 116 Segment	2018
3764580	HPSS 3764580	250	3		1549	170	121	UNKV		121			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1970	7.0	44.34	Pressure Test/Replace	2024-2028
3660002	HPSS 3660002	400	3		1549	90	60	UNKV		60			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.74%	NA	2000	26.9	40.24	Addressed w/ 116 Segment	2019
5850330	Service Stub	225	3		933	90	64	UNKV		64			UNVALID	2.375	0.154	24000	0.6	YES	NA	NA	7.23%	NA	1997	60.2	41.23	Addressed w/ 116 Segment	2020
3740170	Inlet M&R 37072	100	3		499	100	66	NA		66			UNVALID	4.5	0.156	24000	0.6	NO	YES	YES	6.01%	6.01%	1986	15.0	45.51	Pressure Test/Replace	2024-2028
5790975	HPSS 5790975	225	3		1549	115	82	UNKV		82			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.36%	NA	1970	44.8	43.86	Addressed w/ 116 Segment	2020
3400475	HPSS 3400475	250	3		1549	120	80	UNKV		80			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1976	29.7	40.34	Pressure Test/Replace	2024-2028
5790225	HPSS 5790225	225	3		1549	110	73	UNKV		73			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.36%	NA	1972	186.3	42.86	Addressed w/ 116 Segment	2020
3260171	HPSS 3260171	250	3		1549	120	80	UNKV		80			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1978	16.5	39.34	Addressed w/ 116 Segment	2018
3260150	HPSS 3260150	250	3		1549	225	150	UNKV		150			UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	4.84%	4.84%	1983	31.7	36.84	Addressed w/ 116 Segment	2018
3764565	HPSS 3764565	250	3		1549	250	166	UNKV		166			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1984	49.0	36.34	Pressure Test/Replace	2024-2028
9769720060	HPSS 9769720060	250	3		1549	100	66	UNKV		66			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1984	18.0	36.34	Pressure Test/Replace	2024-2028
22118	029-R-008, M&R 37072	400	3		1361	98	65	1440		65			UNVALID	2.375	0.154	35000	0.6	NO	NO	YES	8.81%	8.81%	1973	9.0	50.81	Addressed w/ 116 Segment	2019
3764600	HPSS 3764600	250	3		1549	100	1	UNKV		1			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1994	16.0	31.34	Pressure Test/Replace	2024-2028
3370114	HPSS 3370114	250	3		1549	98	65	UNKV		65			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	2003	5.6	26.84	Pressure Test/Replace	2024-2028
3764579	HPSS 3764579	250	3		1549	90	1	UNKV		1			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	2006	3.0	25.34	Pressure Test/Replace	2024-2028
199470	Inlet 029-R-062	400	3		1052	90	60	720		60			UNVALID	4.5	0.188	42000	0.6	NO	NA	NA	11.40%	NA	2013	150.0	39.40	Addressed w/ 116 Segment	2019
5791030	HPSS 5791030	225	3		1549	120	80	NA		80			UNVALID	1.05	0.113	24000	0.6	NO	NA	NA	4.36%	NA	2008	102.0	24.86	Addressed w/ 116 Segment	2020
21254	Inlet 029-R-005	250	3		1361	108	72	NA		72			UNVALID	2.375	0.154	35000	0.6	NO	NO	YES	5.51%	5.51%	1973	140.1	48.51	Addressed w/ 116 Segment	2018
6769720058	HPSS 6769720058	250	3		1361	120	80	UNKV		80			UNVALID	2.375	0.154	35000	0.6	YES	NA	NA	5.51%	NA	1979	14.0	44.51	Pressure Test/Replace	2024-2028
38128	029-V-017, 018, 019	250	3		1106	600	1	720		1			UNVALID	4.5	0.237	35000	0.6	NO	NO	YES	6.78%	6.78%	1990	0.0	40.28	Pressure Test/Replace	2024-2028
55927	Inlet 029-R-043	250	3		877	160	106	720		106			UNVALID	4.5	0.188	35000	0.6	NO	NO	YES	8.55%	8.45%	1999	20.5	37.55	Pressure Test/Replace	2024-2028
12442	Inlet 029-R-039	225	3		2123	90	64	UNKV		64			UNVALID	1.315	0.133	35000	0.6	YES	NO	YES	3.18%	3.18%	1966	35.4	42.68	Addressed w/ 116 Segment	2020
3400141	Inlet 029-R-052	250	3		1361	252	168	720		168			UNVALID	2.375	0.154	35000	0.6	NO	NA	NA	5.51%	NA	2009	39.5	29.51	Pressure Test/Replace	2024-2028
1045	Inlet 029-R-040	150	3		418	0	0	NA		0			UNVALID	8.625	0.188	24000	0.8	NO	NA	NA	14.34%	NA	1967	12.0	87.34	Pressure Test/Replace	2018-2023
57519-IN	Inlet 029-R-012	400	3		933	0	0	UNKV		0			UNVALID	2.375	0.154	24000	0.6	YES	YES	YES	12.85%	12.85%	1966	34.4	86.85	Addressed w/ 116 Segment	2019
30C1115	Inlet 029-R-037	225	3		933	0	0	NA		0			UNVALID	2.375	0.154	24000	0.6	NO	NA	NA	7.23%	NA	1957	40.1	83.73	Addressed w/ 116 Segment	2020
PRE-CNG (Inlet 029-R-	Inlet 029-R-053	250	3		933	0	0	NA		0			UNVALID	2.375	0.154	24000	0.6	NO	YES	YES	8.03%	8.03%	1962	94.2	79.53	Addressed w/ 116 Segment	2022
PRE-CNG (Inlet 029-R-	Inlet 029-R-054	250	3		933	0	0	UNKV		0			UNVALID	2.375	0.154	24000	0.6	YES	YES	YES	8.03%	8.03%	1962	215.6	80.53	Addressed w/ 116 Segment	2022
UNKV (Inlet 029-R-028 &	Inlet 029-R-028 & 029-R-055	250	3		499	0	0	NA		0			UNVALID	4.5	0.156	24000	0.6	NO	YES	YES	15.02%	15.02%	1983	1,571.5	83.52	Pressure Test/Replace	2018-2023
956	HPSS 956	250	3		499	0	0	UNKV		0			UNVALID	4.5	0.156	24000	0.6	YES	NA	NA	15.02%	NA	1981	28.0	77.02	Pressure Test/Replace	2018-2023
5790920	HPSS 5790920	225	3		1549	0	0	UNKV		0			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.36%	NA	1957	27.8	65.86	Addressed w/ 116 Segment	2020
5790915	Service Stub	225	3		1549	0	0	NA		0			UNVALID	1.05	0.113	24000	0.6	NO	YES	YES	4.36%	4.36%	1965	3.0	57.86	Addressed w/ 116 Segment	2020
PRE-CNG (Outlet 029-R-	Outlet 029-R-054	100	3		933	0	0	NA		0			UNVALID	2.375	0.154	24000	0.6	NO	YES	YES	3.21%	3.21%	1962	569.2	64.71	Addressed w/ 116 Segment	2022
5791380	HPSS 5791380	225	3		1549	0	0	UNKV		0			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.36%	NA	1967	8.0	55.86	Addressed w/ 116 Segment	2020
3230510426	HPSS 3230510426	250	3		1549	0	0	UNKV		0			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1978	48.0	48.34	Pressure Test/Replace	2024-2028
7350020700	HPSS 7350020700	225	3		1549	0	0	UNKV		0			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.36%	NA	1996	15.0	38.86	Addressed w/ 116 Segment	2020
230251	Inlet 029-R-068	250	3		1193	0	0	UNKV		0			UNVALID	1.315	0.109	24000	0.6	YES	NA	NA	6.28%	NA	2016	67.1	45.78	Addressed w/ 116 Segment	2018
200195	Inlet 029-R-064	250	3		1361	0	0	NA		0			UNVALID	2.375	0.154	35000	0.6	NO	NO	YES	5.51%	5.51%	2013	25.6	42.51	Pressure Test/Replace	2024-2028
233792	Inlet 029-R-069	400	3		1106	0	0	720		0			UNVALID	4.5	0.237	42000	0.6	NO	NO	YES	9.04%	10.85%	2016	42.0	51.35	Addressed w/ 116 Segment	2019
188984	Inlet 029-R-060	400	3		1361	0	0	720		0			UNVALID	2.375	0.154	35000	0.6	NO	NA	NA	8.81%	NA	2012	38.0	46.31	Addressed w/ 116 Segment	2019
2535	Inlet 029-R-028	250	3		933	0	0	1440		0			UNVALID	2.375	0.154	24000	0.6	NO	NA	NA	8.03%	NA	1994	11.0	58.53	Pressure Test/Replace	2018-2023
55804	Inlet 029-R-005	250	3		933	0	0	720		0			UNVALID	2.375	0.154	24000	0.6	NO	NA	NA	8.03%	NA	1998	24.8	56.53	Pressure Test/Replace	2018-2023
41294	029-O-012	500	3		794	0	0	NA		0			UNVALID	6.625	0.188	35000	0.8	NO	NA	NA	25.17%	NA	1991	54.0	98.17	Pressure Test/Replace	2018-2023
15768	4" Wheeler H.P. Loop Line	250	3		877	0	0	250		0			UNVALID	4.5	0.188	35000	0.6	NO	NO	YES	8.55%	6.78%	1969	2,240.0	76.55	Pressure Test/Replace	2018-2023
6489893371	HPSS 6489893371	400	3		1820	780	520	720		520	X	Service	VALID	1.315	0.133	30000	0.6	NO	NA	NA	6.59%	NA	2013	12.0	23.59	Accept Most Stringent Criteria	--
7103782579	HPSS 7103782579	250	3		3539	600	400	1440		400	X	Service	VALID	1.315	0.133	35000	1	NO	NA	NA	3.53%	NA	2017	0.0	11.53	No Action Needed	--
57C9412	6" South Moses Lake H.P. Line	250	3		544	450	300	NA		300	X	NA	VALID	6.625	0.188	35000	0.8	NO	YES	YES	12.59%	18.35%	1965	15,666.8	88.35	Accept Most Stringent Criteria	--
54006	6" West Wheeler H.P. Line	250	3		794	755	503	720		503	X	X	VALID	6.625	0.188	35000	0.8	NO	NO	YES	12.59%	9.98%	1997	184.0	43.59	Accept Most Stringent Criteria	--
24872	6" Quincy H.P. Line	250	3		544	600	400	NA		400	X	X	VALID	4.5	0.188	35000	0.6	NO	YES	YES	8.55%	18.35%	1977	370.9	63.35	Accept Most Stringent Criteria	--
30122	6" South Moses Lake H.P. Line	250	3		544	400	266	250		250	X	X	VALID	6.625	0.188	35000	0.8	NO	YES	YES	12.59%	18.35%	1982	5,715.6	69.85	Accept Most Stringent Criteria	--
48598	6" West Wheeler H.P. Line	250	3		544	600	400	275		275	X	X	VALID	6.625	0.188	35000	0.8	NO	YES	YES	12.59%	18.35%	1995	1,044.7	60.85	Accept Most Stringent Criteria	--
50340	6" West Quincy H.P. Line	250	3		544	600	400	275		275	X	X	VALID	6.625	0.25	35000	0.8	NO	YES	YES	9.46%	18.35%	1996	5,550.0	62.85	Accept Most Stringent Criteria	--
54843	6" North Moses Lake H.P. Line	250	3		544	750	500	275		275	X	X	VALID	6.625	0.188	35000	0.8	NO	YES	YES	12.59%	18.35%	1998	40,205.4	71.85	Accept Most Stringent Criteria	--
39111	6" Othello H.P. Loop Line	400	3		933	750	500	720		500	X	X	VALID	6.625	0.188	42000	0.8	NO	YES	YES	16.78%	13.52%	1990	13,732.3	69.28	Accept Most Stringent Criteria	--
36182	6" Othello H.P. Loop Line	400	3		933	750	500	720		500	X	X	VALID	6.625	0.188	42000	0.8	NO	YES	YES	16.78%	13.52%	1989	37,806.1	74.78	Accept Most Stringent Criteria	--
20285	6" Wenatchee H.P. Line	225	3		544	750	500	NA		500	X	X	VALID	6.625	0.188	35000	0.8	NO	YES	YES	11.33%	16.52%	1973	637.9	67.52	Accept Most Stringent Criteria	--

Work Order #	Segment Name	Existing MAOP (psig)	Class Location (1,2,3,4)	Uprate (YES/NO)	Design Pressure 192.619 (a) (1) (psig)	Test Pressure (psig)	Test Pressure 192.619 (a) (2) (psig)	Pressure Class Rating (psig)	Hi-5 Pressure (psig) 192.619 (a) (3)	MAOP per 192.619 (psig)	Meets 192.619	Meets 192.517	MAOP Designation	Max Outside Diameter, OD1 (inches)	Min Wall Thickness, WT1 (inches)	Min SMYS, SMYS1 (psig)	Min Longitudinal Joint Factor, E1 (E)	Unknown Pressure Rated Fitting (YES/NO)	Fittings w/ Assumed SMYS (YES/NO)	Fittings w/ Assumed Joint Factor (YES/NO)	Max Pipe % SMYS	Max Fitting % SMYS	Install Date (Year)	Pipe Length (Feet)	Total Score	Action Plan	Action Year
33819	Main to M&R 37072, 029-R-018	400	3		758	750	500	NA		500	X	X	VALID	4.5	0.188	35000	0.6	NO	YES	YES	13.68%	15.82%	1986	569.6	60.32	Accept Most Stringent Criteria	--
161308	4" N. Wheeler H.P. Line	250	3		492	678	452	NA		452	X	X	VALID	4.5	0.154	24000	0.6	NO	YES	YES	15.22%	15.02%	2009	3,969.9	50.72	Accept Most Stringent Criteria	--
33681	4" Othello Transmission Line	400	3		877	750	500	720		500	X	X	VALID	4.5	0.188	35000	0.6	NO	YES	YES	13.68%	12.85%	1986	103.8	54.18	Accept Most Stringent Criteria	--
36411	4" Othello Transmission Line	400	3		877	750	500	NA		500	X	X	VALID	4.5	0.188	35000	0.6	NO	NA	NA	13.68%	NA	1988	116.4	49.18	Accept Most Stringent Criteria	--
48599	6" West Wheeler H.P. Line	250	3		877	600	400	720		400	X	X	VALID	4.5	0.188	35000	0.6	NO	NO	YES	8.55%	6.78%	1995	51.0	34.55	Accept Most Stringent Criteria	--
58763	2" Wheeler H.P. Line	250	3		877	750	500	1440		500	X	X	VALID	4.5	0.188	35000	0.6	NO	NO	YES	8.55%	6.78%	2001	672.2	36.55	Accept Most Stringent Criteria	--
48639	Wheeler H.P. Distribution System	250	3		933	660	440	1440		440	X	X	VALID	2.375	0.154	35000	0.6	NO	YES	YES	5.51%	8.03%	1995	1,498.4	45.53	Accept Most Stringent Criteria	--
189195	4" South Moses Lake H.P. Line	250	3		1052	750	500	720		500	X	X	VALID	4.5	0.188	42000	0.6	NO	YES	YES	7.12%	6.78%	2012	164.0	29.62	Accept Most Stringent Criteria	--
192292	6" West Quincy H.P. Line	250	3		1052	710	473	720		473	X	X	VALID	4.5	0.188	42000	0.6	NO	NO	YES	7.12%	6.78%	2012	1,506.6	32.12	Accept Most Stringent Criteria	--
25322	Wheeler H.P. Distribution System	250	3		1193	750	500	1440		500	X	X	VALID	2.375	0.154	35000	0.6	NO	YES	YES	5.51%	6.28%	1977	1,174.6	52.78	Accept Most Stringent Criteria	--
30357	Inlet 029-R-055	250	3		NA	NA	NA	400		400	X	X	VALID	NA	NA	NA	NA	NO	NO	NA	NA	NA	1983	0.0	27.00	No Action Needed	--
164908	Inlet 029-R-057	250	3		NA	NA	NA	720		720	X	Service	VALID	NA	NA	NA	NA	NO	NA	NA	NA	NA	2009	0.0	14.00	No Action Needed	--
2219720022	029-O-010	250	3		418	750	500	275		275	X	Service	VALID	6.625	0.188	24000	0.8	NO	YES	YES	18.35%	23.89%	1998	31.1	62.39	Accept Most Stringent Criteria	--
234314	Inlet 029-R-071	400	3		1361	750	500	720		500	X	X	VALID	2.375	0.154	35000	0.6	NO	NA	NA	8.81%	NA	2016	83.0	24.31	Accept Most Stringent Criteria	--
207109	029-O-011, 029-R-065	150	3		2269	225	150	275		150	X	X	VALID	2.375	0.154	35000	1	NO	NO	NO	3.30%	3.30%	2013	4.0	13.30	No Action Needed	--
181660-IN	Inlet 029-R-058	500	3		1643	1440	960	1440		960	X	X	VALID	4.5	0.237	52000	0.6	NO	NO	YES	9.13%	11.38%	2011	6.0	34.38	Accept Most Stringent Criteria	--
181660-OUT	Outlet 029-R-058	400	3		1106	750	500	720		500	X	X	VALID	6.625	0.25	42000	0.8	NO	NO	YES	12.62%	13.52%	2011	90.9	36.52	Accept Most Stringent Criteria	--
54919	Inlet 029-R-044	250	3		1183	750	500	720		500	X	X	VALID	NA	NA	NA	NA	NO	NO	YES	NA	8.45%	1998	8.0	32.95	No Action Needed	--
3400700	Inlet 029-R-044	250	3		499	750	500	NA		499	X	Service	VALID	4.5	0.156	24000	0.6	NO	YES	YES	15.02%	15.02%	1998	161.0	49.52	Accept Most Stringent Criteria	--
1395	Service Stub (029-V-060)	250	3		499	790	526	NA		499	X	Service	VALID	4.5	0.156	24000	0.6	NO	YES	YES	15.02%	15.02%	2001	666.9	52.02	Accept Most Stringent Criteria	--
3400139	029-V-060	250	3		NA	NA	NA	720		720	X	X	VALID	NA	NA	NA	NA	NO	NA	NA	NA	NA	2001	0.0	18.00	No Action Needed	--
7429080852	Inlet 029-R-059	250	3		499	850	566	275		275	X	Service	VALID	4.5	0.156	24000	0.6	NO	NA	NA	15.02%	NA	2011	253.0	43.02	Accept Most Stringent Criteria	--
28667	Inlet 029-R-022	400	3		1361	750	500	500		500	X	X	VALID	2.375	0.154	35000	0.6	NO	NO	YES	8.81%	8.81%	1981	382.0	42.81	Accept Most Stringent Criteria	--
3740200	029-R-022	400	3		933	750	500	NA		500	X	Service	VALID	2.375	0.154	24000	0.6	NO	NA	NA	12.85%	NA	1981	1,570.0	62.35	Accept Most Stringent Criteria	--
49145	Inlet 029-R-033	400	3		1361	750	500	1440		500	X	X	VALID	2.375	0.154	35000	0.6	NO	NO	YES	8.81%	8.81%	1995	80.7	34.81	Accept Most Stringent Criteria	--
50223	Inlet 029-R-049	400	3		1361	750	500	1440		500	X	X	VALID	2.375	0.154	35000	0.6	NO	NA	NA	8.81%	NA	1996	81.6	34.31	Accept Most Stringent Criteria	--
37943	Inlet 029-R-025	250	3		877	600	400	1440		400	X	X	VALID	4.5	0.188	35000	0.6	NO	NO	YES	8.55%	6.78%	1990	63.4	37.05	Accept Most Stringent Criteria	--
40785	Inlet 029-R-063	250	3		933	600	400	1440		400	X	X	VALID	2.375	0.154	24000	0.6	NO	NA	NA	8.03%	NA	1991	116.0	41.03	Accept Most Stringent Criteria	--
192354	Inlet 029-R-061	225	3		1183	600	400	720		400	X	X	VALID	6.625	0.188	52000	1	NO	NO	YES	7.62%	7.61%	2013	67.6	24.62	No Action Needed	--
57519-OUT	Outlet 029-R-012	100	3		499	150	107	NA		107	X	NA	VALID	4.5	0.156	24000	0.6	NO	YES	YES	6.01%	6.01%	1966	732.1	58.51	Accept Most Stringent Criteria	--
400	Inlet M&R 31551	100	3		499	150	107	NA		107	X	Service	VALID	4.5	0.156	24000	0.6	NO	NA	NA	6.01%	NA	1966	94.0	53.51	Accept Most Stringent Criteria	--
235111	6" Quincy H.P. Line (029-V-098)	250	3		1758	620	413	720		413	X	X	VALID	6.625	0.28	52000	0.8	NO	NO	YES	5.69%	5.69%	2016	31.3	21.19	Accept Most Stringent Criteria	--
51291	Inlet 029-R-035	250	3		1361	600	400	1440		400	X	X	VALID	2.375	0.154	35000	0.6	NO	NA	NA	5.51%	NA	1993	19.4	32.51	Accept Most Stringent Criteria	--
49695	4" N. Wheeler H.P. Line	250	3		1361	600	400	1440		400	X	X	VALID	2.375	0.154	35000	0.6	NO	NA	NA	5.51%	NA	1995	31.1	31.51	Accept Most Stringent Criteria	--
53921	Inlet 029-R-045	250	3		1361	600	400	1440		400	X	X	VALID	2.375	0.154	35000	0.6	NO	NO	YES	5.51%	5.51%	1999	79.9	29.51	Accept Most Stringent Criteria	--
55540	Inlet 029-R-041	250	3		1361	600	400	1440		400	X	X	VALID	2.375	0.154	35000	0.6	NO	NA	NA	5.51%	NA	1998	32.9	30.01	Accept Most Stringent Criteria	--
194667	Main to HPSS 1571530516	250	3		1361	690	460	720		460	X	X	VALID	2.375	0.154	35000	0.6	NO	NO	YES	5.51%	5.51%	2012	475.0	24.01	Accept Most Stringent Criteria	--
196743	Inlet 029-R-064	250	3		1361	740	493	720		493	X	X	VALID	2.375	0.154	35000	0.6	NO	NA	NA	5.51%	NA	2012	68.0	23.01	Accept Most Stringent Criteria	--
200620	Inlet 029-R-063	250	3		1361	600	400	720		400	X	X	VALID	2.375	0.154	35000	0.6	NO	NO	YES	5.51%	5.51%	2013	24.0	22.51	Accept Most Stringent Criteria	--
232225	Inlet 029-R-070	250	3		1361	600	400	720		400	X	X	VALID	2.375	0.154	35000	0.6	NO	NA	NA	5.51%	NA	2016	21.9	21.01	Accept Most Stringent Criteria	--
223306	Inlet 029-R-066	225	3		1193	650	433	720		433	X	X	VALID	1.315	0.133	35000	0.6	NO	YES	YES	3.18%	5.66%	2015	6.3	25.66	Accept Most Stringent Criteria	--
3400141 (OUT)	Outlet 029-R-052	150	3		945	252	168	NA		168	X	Service	VALID	2.375	0.156	24000	0.6	NO	NA	NA	4.76%	NA	2009	578.5	27.76	Accept Most Stringent Criteria	--
7429080852 (OUT)	Outlet 029-R-059	100	3		873	250	166	NA		166	X	Service	VALID	4.5	0.156	42000	0.6	NO	NA	NA	3.43%	NA	2011	46.0	16.43	Accept Most Stringent Criteria	--
4882181722	HPSS 4882181722	250	3		3539	755	503	UNKV		503	X	Service	UNVALID	1.315	0.133	35000	1	YES	NA	NA	3.53%	NA	2017	0.0	11.53	Expose/Verify, DIMP/TIMP	2018-2028
5851521	HPSS 5851521	225	3		1549	650	433	UNKV		433	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.36%	NA	2009	10.8	22.36	Expose/Verify, DIMP/TIMP	2018-2028
3660004	HPSS 3660004	400	3		933	750	500	UNKV		500	X	Service	UNVALID	2.375	0.154	24000	0.6	YES	YES	YES	12.85%	12.85%	1984	127.4	54.35	Expose/Verify, DIMP/TIMP	2018-2028
3660050	HPSS 3660050	400	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	7.74%	7.74%	1964	72.0	57.24	Expose/Verify, DIMP/TIMP	2018-2028
3660001	HPSS 3660001	400	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.74%	NA	1989	334.0	41.74	Expose/Verify, DIMP/TIMP	2018-2028
3660040	HPSS 3660040	400	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.74%	NA	1991	161.6	40.74	Expose/Verify, DIMP/TIMP	2018-2028
3660048	HPSS 3660048	400	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.74%	NA	1993	51.0	38.74	Expose/Verify, DIMP/TIMP	2018-2028
3660028	HPSS 3660028	400	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.74%	NA	1994	8.0	38.24	Expose/Verify, DIMP/TIMP	2018-2028
3660026	HPSS 3660026	400	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	7.74%	7.74%	1994	119.0	39.24	Expose/Verify, DIMP/TIMP	2018-2028
3660060	HPSS 3660060	400	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.74%	NA	2005	52.0	32.74	Expose/Verify, DIMP/TIMP	2018-2028
3260173	HPSS 3260173	250	3		1193	750	500	UNKV		500	X	Service	UNVALID	1.315	0.109	24000	0.6	YES	NA	NA	6.28%	NA	2001	12.7	33.28	Expose/Verify, DIMP/TIMP	2018-2028
2345129510	HPSS 2345419510	250	3		1193	770	513	UNKV		513	X	Service	UNVALID	1.315	0.109	24000	0.6	YES	NA	NA	6.28%	NA	2011	10.0	28.28	Expose/Verify, DIMP/TIMP	2018-2028
1571530516	HPSS 1571530516	250	3		1193	685	456	UNKV		456	X	Service	UNVALID	1.315	0.109	24000	0.6	YES	NO	YES	6.28%	5.51%	2012	6.0	27.78	Expose/Verify, DIMP/TIMP	2018-2028
9206776340	HPSS 9206776340	250	3		1193	680	453	UNKV		453	X	Service	UNVALID	1.315	0.109	24000	0.6	YES	NA	NA	6.28%	NA	2015	26.0	26.28	Expose/Verify, DIMP/TIMP	2018-2028
3400118	HPSS 3400118	250	3		1214	375	250	UNKV		250	X	Service	UNVALID	1.66	0.14	24000	0.6	YES	NA	NA	6.18%	NA	1996	13.5	35.68	Expose/Verify, DIMP/TIMP	2018-2028
3261539	HPSS 3261539	250	3		1214	650	433	UNKV		433	X	Service	UNVALID	1.66	0.14	24000	0.6	YES	NA	NA	6.18%	NA	2009	8.9	29.18	Expose/Verify, DIMP/TIMP	2018-2028
5790185	HPSS 5790185	225	3		1193	600	400	UNKV		400	X	Service	UNVALID	1.66	0.14	24000	0.6	YES	YES	YES	5.66%	5.66%	1972	92.0	47.16	Expose/Verify, DIMP/TIMP	2018-2028
3023854651	HPSS 3023854651	225	3		1193	600	400	UNKV		400	X	Service	UNVALID	1.315	0.109	24000	0.6	YES	NA	NA	5.66%	NA	2014	18.0	26.16	Expose/Verify, DIMP/TIMP	2018-2028
3261560	HPSS 3261560	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1981	6.1	36.84	Expose/Verify, DIMP/TIMP	2018-2028
3261540	HPSS 3261540	250	3		1549	680	453	UNKV		453	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1995	10.0	29.84	Expose/Verify, DIMP/TIMP	2018-2028
3370113	HPSS 3370113	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	2003	16.0	25.84	Expose/Verify, DIMP/TIMP	2018-2028
3762740	HPSS 3762740	250	3		1549	640	426	UNKV		426	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	2006	100.0	25.34	Expose/Verify, DIMP/TIMP	2018-2028
5881077387	HPSS 5881077387	250	3		1549	770	513	UNKV		513	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	2011	74.5	21.84	Expose/Verify, DIMP/TIMP	2018-2028
5790940	HPSS 5790940	225	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.36%	NA	1957	17.0	55.86	Expose/Verify, DIMP/TIMP	2018-2028
5790200	HPSS 5790200	225	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.36%	NA	1960	11.9	52.86	Expose/Verify, DIMP/TIMP	2018-2028
5790222	HPSS 5790222	225	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.36%	NA	1979	9.0	37.36	Expose/Verify, DIMP/TIMP	2018-2028
5790898	HPSS 5790898	225	3		1549	400	266	UNKV		266	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	4.36%	4.36%	1984	90.2	34.86	Expose/Verify, DIMP/TIMP	2018-2028
5790233	HPSS 5790233	225	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.36%	NA	1991	42.3	31.36	Expose/Verify, DIMP/TIMP	2018-2028
5790251	HPSS 5790251	225	3		1549	635	423	UNKV		423	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.36%	NA	1997	133.0	29.36	Expose/Verify, DIMP/TIMP	2018-2028
5790252	HPSS 5790252	225	3		1549	650	433	UNKV		433	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.36%	NA	1997	99.0	28.36	Expose/Verify, DIMP/TIMP	2018-2028
6727483958	HPSS 6727483958	250	3		2123	707	471	UNKV		471	X	Service	UNVALID	1.315	0.133	35000	0.6	YES	NA	NA	3.53%	NA	2012	16.3	16.03	Expose/Verify, DIMP/TIMP	2018-2028
3740178	HPSS 3740178	100	3		933	400	266	UNKV		266	X	Service	UNVALID	2.375	0.154	24000	0.6	YES	YES	YES	3.21%	3.21%	1999	21.0	26.21	Expose/Verify, DIMP/TIMP	2018-2028
33C9263	6" Quincy H.P. Line	250	3		544	560	373	UNKV		373	X	NA	UNVALID	6.625	0.188	24000	0.8	YES	YES	YES	18.35%	18.35%	1965	90,004.4	98.35	Expose/Verify, DIMP/TIMP	2018-2028
45477	6" Quincy H.P. Line	250	3		499	600	400	UNKV		400	X	NA	UNVALID	8.625	0.28	35000	0.8	YES	YES	YES	18.35%	18.35%	1965	2,389.3	80.85	Expose/Verify, DIMP/TIMP	2018-2028
21601	6" Quincy H.P. Line	250	3		544	750	500	UNKV		500	X	X	UNVALID	6.625	0.188	35000	0.8	YES	YES	YES	12.59%	18.35%	1973	1,299.4	71.85	Expose/Verify, DIMP/TIMP	2018-2028
33C9263	6" Quincy H.P. Line	250	3		544	560	373	UNKV		373	X	NA	UNVALID	6.625	0.188	24000	0.8	YES	YES	YES	18.35%	18.35%	1965	90,004.4	98.35	Expose/Verify, DIMP/TIMP	2018-2028
19482	4" Wheeler H.P. Loop Line	250	3		499	750	500	UNKV		499	X		UNVALID	4.5	0.156	24000	0.6	YES	YES	YES	15.02%	15.02%	1971	1,840.9	69.52	Expose/Verify, DIMP/TIMP	2018-2028
O0074586	6" Wenatchee H.P. Line	225	3		953	600	400	UNKV		400	X	X	UNVALID	6.625	0.188	42000	0.8	YES	YES	YES	9.44%	7.61%	2005	38.4	34.44	Expose/Verify, DIMP/TIMP	2018-2028
3400459	Inlet 029-R-057	250	3		499	600	400	UNKV		400	X	Service	UNVALID	4.5	0.156	24000	0.6	YES	YES	YES	15.02%	15.02%	1996	1,301.0	57.02	Expose/Verify, DIMP/TIMP	2018-2028
3660055	029-R-051, M&R O0083324	400	3		933	780	520	UNKV		520	X	Service	UNVALID	2.375	0.154	24000	0.6	YES	NA	NA	12.85%	NA	2008	37.4	41.35	Expose/Verify, DIMP/TIMP	2018-2028

Work Order #	Segment Name	Existing MAOP (psig)	Class Location (1,2,3,4)	Uprate (YES/NO)	Design Pressure 192.619 (a) (1) (psig)	Test Pressure (psig)	Test Pressure 192.619 (a) (2) (psig)	Pressure Class Rating (psig)	Hi-5 Pressure (psig) 192.619 (a) (3)	MAOP per 192.619 (psig)	Meets 192.619	Meets 192.517	MAOP Designation	Max Outside Diameter, OD1 (inches)	Min Wall Thickness, WT1 (inches)	Min SMYS, SMYS1 (psig)	Min Longitudinal Joint Factor, E1 (E)	Unknown Pressure Rated Fitting (YES/NO)	Fittings w/ Assumed SMYS (YES/NO)	Fittings w/ Assumed Joint Factor (YES/NO)	Max Pipe % SMYS	Max Fitting % SMYS	Install Date (Year)	Pipe Length (Feet)	Total Score	Action Plan	Action Year
O0082714	8" REC Silicon Reinforcement	250	3		418	615	410	UNKV		410	X		UNVALID	8.625	0.25	52000	0.8	YES	YES	YES	8.29%	23.89%	2007	927.8	62.89	Expose/Verify, DIMP/TIMP	2018-2028
3400130	1329 E Wheeler Rd	250	3		933	600	400	UNKV		400	X	Service	UNVALID	2.375	0.154	24000	0.6	YES	YES	YES	8.03%	8.03%	1960	372.8	62.53	Expose/Verify, DIMP/TIMP	2018-2028
3400124	Inlet 029-R-030	250	3		933	660	440	UNKV		440	X	Service	UNVALID	2.375	0.154	24000	0.6	YES	NA	NA	8.03%	NA	1995	12.0	38.03	Expose/Verify, DIMP/TIMP	2018-2028
O0067106	Inlet 029-R-067	250	3		1214	750	500	UNKV		500	X		UNVALID	1.66	0.14	35000	0.6	YES	YES	YES	4.23%	6.18%	1998	95.4	34.68	Expose/Verify, DIMP/TIMP	2018-2028
1145	Inlet M&R 50342	250	3		544	600	400	UNKV		400	X	Service	UNVALID	6.625	0.188	24000	0.8	YES	YES	YES	18.35%	18.35%	1996	488.7	53.85	Expose/Verify, DIMP/TIMP	2018-2028
58601	HPSS 3764572	250	3		2260	500	333	1200		333	X		UNVALID	1.05	0.113	35000	0.6	NO	NA	NA	3.32%	NA	1999	5.0	22.32	DIMP/TIMP, Missing 192.517	2018-2019
180809	6" North Moses Lake H.P. Line	250	3		499	750	500	720		499	X		UNVALID	4.5	0.188	42000	0.6	NO	YES	YES	7.12%	15.02%	2011	4,875.0	49.52	DIMP/TIMP, Missing 192.517	2018-2019
44879	4" Othello Transmission Line	400	3		877	750	500	720		500	X		UNVALID	4.5	0.188	35000	0.6	NO	YES	YES	13.68%	10.05%	1993	60.0	49.68	DIMP/TIMP, Missing 192.517	2018-2019
O0083214	2" Wheeler H.P. Line	250	3		1361	640	426	1440		426	X		UNVALID	2.375	0.154	42000	0.6	NO	NO	YES	4.59%	5.51%	2008	57.2	25.01	DIMP/TIMP, Missing 192.517	2018-2019
42827	029-V-024	250	3		NA	NA	NA	720		720	X		UNVALID	NA	NA	NA	NA	NO	NA	NA	NA	NA	1992	0.0	22.50	DIMP/TIMP, Missing 192.517	2018-2019
20757	4" Wheeler H.P. Loop Line	250	3		877	600	400	720		400	X		UNVALID	4.5	0.188	35000	0.6	NO	NO	YES	8.55%	6.78%	1972	99.8	46.05	DIMP/TIMP, Missing 192.517	2018-2019
237006	6" Quincy H.P. Line	250	3		499	600	400	720		400	X		UNVALID	6.625	0.28	52000	0.8	NO	YES	YES	5.69%	15.02%	2016	760.0	44.52	DIMP/TIMP, Missing 192.517	2018-2019
50648	Inlet 029-R-057	250	3		794	800	533	720		533	X		UNVALID	6.625	0.188	35000	0.8	NO	YES	YES	12.59%	8.45%	1996	263.0	48.09	DIMP/TIMP, Missing 192.517	2018-2019
21940	Inlet 029-R-018	400	3		1321	750	500	1440		500	X		UNVALID	2.375	0.154	35000	0.6	NO	NO	YES	9.08%	8.81%	1973	1,347.9	57.58	DIMP/TIMP, Missing 192.517	2018-2019
60612	Inlet 029-R-008	400	3		1361	750	500	NA		500	X		UNVALID	2.375	0.154	35000	0.6	NO	NO	YES	8.81%	8.81%	2001	13.4	31.81	DIMP/TIMP, Missing 192.517	2018-2019
20799	Inlet 029-R-014	250	3		877	750	500	720		500	X		UNVALID	4.5	0.188	35000	0.6	NO	NA	NA	8.55%	NA	1972	227.1	47.05	DIMP/TIMP, Missing 192.517	2018-2019
32315	4" Wheeler H.P. Loop Line	250	3		877	400	266	720		266	X		UNVALID	4.5	0.188	35000	0.6	NO	NA	NA	8.55%	NA	1985	28.0	39.55	DIMP/TIMP, Missing 192.517	2018-2019
21209	Main Stub	225	3		933	720	480	1440		480	X		UNVALID	2.375	0.154	35000	0.6	NO	YES	YES	4.96%	7.23%	1973	1.0	48.23	DIMP/TIMP, Missing 192.517	2018-2019
O0085074	Inlet 029-R-056	250	3		1361	650	433	1440		433	X		UNVALID	2.375	0.154	35000	0.6	NO	NA	NA	5.51%	NA	2008	41.0	25.01	DIMP/TIMP, Missing 192.517	2018-2019

Work Order #	Segment Name	Existing MAOP (psig)	Class Location (1,2,3,4)	Uprate (YES/NO)	Design Pressure 192.619 (a) (1) (psig)	Test Pressure (psig)	Test Pressure 192.619 (a) (2) (psig)	Pressure Class Rating (psig)	Hi-5 Pressure (psig) 192.619 (a) (3)	MAOP per 192.619 (psig)	Meets 192.619	Meets 192.517	MAOP Designation	Max Outside Diameter, OD1 (inches)	Min Wall Thickness, WT1 (inches)	Min SMYS, SMYS1 (psig)	Min Longitudinal Joint Factor, E1 (E)	Unknown Pressure Rated Fitting (YES/NO)	Fittings w/ Assumed SMYS (YES/NO)	Fittings w/ Assumed Joint Factor (YES/NO)	Max Pipe % SMYS	Max Fitting % SMYS	Install Date (Year)	Pipe Length (Feet)	Total Score	Action Plan	Action Year
40C4357	8" Yakima H.P. Line	200	3		418	0	0	720		0			UNVALID	8.625	0.188	24000	0.8	NO	YES	YES	19.12%	19.12%	1997	4,864.1	80.70	116 Segment, Most Stringent Criteria	2016
YakimaL5-1	6" Toppenish-Zillah Transmission Line	400	3		499	0	0	UNKV		0			UNVALID	6.625	0.188	24000	0.8	YES	YES	YES	29.37%	29.37%	1956	32,334.3	165.87	116 Segment, Pressure Test	2019
YakimaL5-1	6" Toppenish-Zillah H.P. Line	400	3		544	0	0	NA		0			UNVALID	6.625	0.188	24000	0.8	NO	NA	NA	29.37%	NA	1956	10.9	145.87	116 Segment, Pressure Test	2019
Fish_968	8" Yakima H.P. Line	200	3		418	0	0	NA		0			UNVALID	8.625	0.188	24000	0.8	NO	YES	YES	19.12%	19.12%	1956	2,399.5	110.62	116 Segment, Replace	2019
FISH_968_Lat_26	8" Yakima H.P. Line	200	3		1113	0	0	NA		0			UNVALID	8.625	0.5	24000	0.8	NO	NA	NA	7.19%	NA	1956	695.0	89.69	116 Segment, Replace	2019
20375	8" Yakima H.P. Line (Inlet 032-R-003)	200	3		1045	0	0	NA		0			UNVALID	8.625	0.25	46000	0.8	NO	NO	YES	7.50%	7.65%	1973	1,578.7	72.15	116 Segment, Retire	2019
47C8256	3" Prosser H.P. Line	250	3		1169	0	0	NA		0			UNVALID	4.5	0.188	35000	0.8	NO	NO	YES	8.55%	6.78%	1964	210.7	75.05	116 Segment, Retire	2020
YakimaL4-1	3" Prosser H.P. Line	250	3		641	0	0	275		0			UNVALID	3.5	0.156	24000	0.6	NO	YES	YES	11.69%	11.69%	1956	5,821.1	105.69	116 Segment, Retire	2020
Fish-L6-1	3" Zillah H.P. Line	175	3		641	0	0	NA		0			UNVALID	4.5	0.188	42000	0.6	NO	YES	YES	4.99%	8.18%	1956	855.7	90.68	116 Segment, Replace	2020
Fish-L7-1	4" Wapato H.P. Line	152	3		499	0	0	NA		0			UNVALID	4.5	0.156	24000	0.6	NO	YES	YES	9.13%	9.13%	1956	32,876.1	106.63	116 Segment, Pressure Test	2020
15420	3" Sunnyside H.P. Line	200	3		641	150	107	NA		107		NA	UNVALID	3.5	0.156	24000	0.6	NO	NA	NA	9.35%	NA	1969	253.3	59.85	116 Segment, Replace	2021
21440	3" Sunnyside H.P. Line	200	3		499	0	0	275		0			UNVALID	4.5	0.188	35000	0.6	NO	YES	YES	6.84%	12.02%	1974	93.6	77.52	116 Segment, Replace	2021
Fish-L9-1	3" Granger H.P. Line	175	3		641	0	0	NA		0			UNVALID	3.5	0.156	24000	0.6	NO	YES	YES	8.18%	8.18%	1956	31,465.3	105.68	116 Segment, Replace	2021-2023
Fish-L1-1	3" Sunnyside H.P. Line	200	3		641	0	0	NA		0			UNVALID	3.5	0.156	24000	0.6	NO	YES	YES	9.35%	9.35%	1956	4,236.4	94.42	116 Segment, Replace	2021
Fish-L8-1	3" South Toppenish H.P. Line	175	3		641	0	0	400		0			UNVALID	4.5	0.188	35000	0.6	NO	YES	YES	8.18%	8.18%	1956	6,141.6	95.68	116 Segment, Replace	2022
42C2530	2" South Sunnyside H.P. Line	200	3		933	0	0	275		0			UNVALID	2.375	0.154	24000	0.6	NO	NA	NA	6.43%	NA	1959	3,995.0	88.45	116 Segment, Replace	2023
6526150	HPSS 6526150	200	3		1193	120	80	NA		80			UNVALID	1.315	0.109	24000	0.6	NO	NA	NA	5.03%	NA	1975	10.0	50.03	Addressed w/ 116 Segment	2019
4120815	HPSS 4120815	250	3		1549	100	71	NA		71			UNVALID	1.05	0.113	24000	0.6	NO	NA	NA	4.84%	NA	1967	185.0	48.34	Addressed w/ 116 Segment	2020
4381495	HPSS 4381495	152	3		1549	118	78	NA		78			UNVALID	1.05	0.113	24000	0.6	NO	NA	NA	2.94%	NA	1959	208.0	54.44	Addressed w/ 116 Segment	2020
4381615	HPSS 4381615	152	3		1549	120	80	NA		80			UNVALID	1.05	0.113	24000	0.6	NO	NA	NA	2.94%	NA	1996	50.0	28.44	Addressed w/ 116 Segment	2020
181048	Inlet 020-R-060	400	3		1052	500	333	1440		333			UNVALID	4.5	0.188	42000	0.6	NO	NO	YES	11.40%	10.85%	2011	40.5	39.40	Addressed w/ 116 Segment	2020
181050	Inlet 020-R-060	400	3		1052	500	333	720		333			UNVALID	4.5	0.188	42000	0.6	NO	NO	YES	11.40%	10.85%	2011	0.0	39.40	Addressed w/ 116 Segment	2020
4050581	HPSS 4050581	200	3		1549	90	60	NA		60			UNVALID	1.05	0.113	24000	0.6	NO	NA	NA	3.87%	NA	2003	78.9	25.87	Addressed w/ 116 Segment	2021
22008	Inlet 020-R-026	175	3		933	100	1	720		1			UNVALID	2.375	0.154	24000	0.6	NO	YES	YES	5.62%	5.62%	1959	26.9	65.12	Addressed w/ 116 Segment	2021-2023
4290401	HPSS 4290401	175	3		1549	40	26	NA		26			UNVALID	1.05	0.113	24000	0.6	NO	NA	NA	3.39%	NA	1971	49.6	41.39	Addressed w/ 116 Segment	2022
4290403	HPSS 4290403	175	3		1549	120	80	NA		80			UNVALID	1.05	0.113	24000	0.6	NO	NA	NA	3.39%	NA	1971	20.5	41.39	Addressed w/ 116 Segment	2022
4300080	HPSS 4300080	175	3		1193	130	86	NA		86			UNVALID	1.315	0.109	24000	0.6	NO	NA	NA	4.40%	NA	1964	48.1	49.90	Addressed w/ 116 Segment	2022
4300090	HPSS 4300090	175	3		1549	100	71	NA		71			UNVALID	1.05	0.113	24000	0.6	NO	YES	YES	3.39%	3.39%	1968	111.9	45.89	Addressed w/ 116 Segment	2022
4300100	HPSS 4300100	175	3		1549	100	66	NA		66			UNVALID	1.05	0.113	24000	0.6	NO	NA	NA	3.39%	NA	1958	46.0	54.89	Addressed w/ 116 Segment	2022
4300120	HPSS 4300120	175	3		1549	100	66	NA		66			UNVALID	1.05	0.113	24000	0.6	NO	NA	NA	3.39%	NA	1963	48.0	49.89	Addressed w/ 116 Segment	2022
4060666	HPSS 4060666	200	3		1549	120	1	NA		1			UNVALID	1.05	0.113	24000	0.6	NO	NA	NA	3.87%	NA	2004	88.5	25.37	Addressed w/ 116 Segment	2023
4060667	HPSS 4060667	200	3		1549	120	1	NA		1			UNVALID	1.05	0.113	24000	0.6	NO	NA	NA	3.87%	NA	2006	6.0	24.37	Addressed w/ 116 Segment	2023
29894	Inlet 032-R-012	250	3		499	1000	1	400		1			UNVALID	4.5	0.188	35000	0.6	NO	YES	YES	8.55%	15.02%	1982	79.7	61.52	Pressure Test/Replace	2018-2023
30425	020-O-009, R-034	300	3		1361	450	1	NA		1			UNVALID	2.375	0.154	35000	0.6	NO	NA	NA	6.61%	NA	1984	25.0	43.11	Pressure Test/Replace	2024-2028
4051910	HPSS 4051910	200	3		1549	110	73	NA		73			UNVALID	1.05	0.113	24000	0.6	NO	NA	NA	3.87%	NA	1991	148.1	32.87	Pressure Test/Replace	2024-2028
4052076	HPSS 4052076	200	3		1549	90	60	NA		60			UNVALID	1.05	0.113	24000	0.6	NO	NA	NA	3.87%	NA	1997	17.0	28.87	Pressure Test/Replace	2024-2028
4060107	HPSS 4060107	200	3		1549	110	73	NA		73			UNVALID	1.05	0.113	24000	0.6	NO	NA	NA	3.87%	NA	1978	37.0	38.37	Pressure Test/Replace	2024-2028
4060625	HPSS 4060625	200	3		1549	100	66	NA		66			UNVALID	1.05	0.113	24000	0.6	NO	NA	NA	3.87%	NA	1984	12.0	35.37	Pressure Test/Replace	2024-2028
6490022	HPSS 6490022	250	3		1549	110	73	NA		73			UNVALID	1.05	0.113	24000	0.6	NO	YES	YES	4.84%	4.84%	1991	52.0	32.84	Pressure Test/Replace	2024-2028
6490023	HPSS 6490023	250	3		1549	100	66	NA		66			UNVALID	1.05	0.113	24000	0.6	NO	YES	YES	4.84%	4.84%	1983	273.1	37.84	Pressure Test/Replace	2024-2028
6490130	HPSS 6490130	250	3		933	120	80	275		80			UNVALID	2.375	0.154	24000	0.6	NO	YES	YES	8.03%	8.03%	1982	334.9	50.53	Pressure Test/Replace	2018-2023
6490131	HPSS 6490131	250	3		1549	650	1	NA		1			UNVALID	1.05	0.113	24000	0.6	NO	NA	NA	4.84%	NA	2003	17.0	26.84	Pressure Test/Replace	2024-2028
6490163	HPSS 6490163	250	3		1549	120	80	NA		80			UNVALID	1.05	0.113	24000	0.6	NO	NA	NA	4.84%	NA	1994	50.0	31.34	Pressure Test/Replace	2024-2028
6490226	HPSS 6490226	250	3		1549	750	1	NA		1			UNVALID	1.05	0.113	24000	0.6	NO	NA	NA	4.84%	NA	2008	29.9	24.34	Pressure Test/Replace	2024-2028
6491001	HPSS 6491001	250	3		1549	110	73	NA		73			UNVALID	1.05	0.113	24000	0.6	NO	NA	NA	4.84%	NA	1993	21.0	31.84	Pressure Test/Replace	2024-2028
6492008	HPSS 6492008	250	3		1549	650	1	NA		1			UNVALID	1.05	0.113	24000	0.6	NO	NA	NA	4.84%	NA	2003	2.0	26.84	Pressure Test/Replace	2024-2028
6492022	HPSS 6492022	250	3		1549	90	60	NA		60			UNVALID	1.05	0.113	24000	0.6	NO	NA	NA	4.84%	NA	1997	49.0	29.84	Pressure Test/Replace	2024-2028
6493518	HPSS 6493518	250	3		1549	625	1	NA		1			UNVALID	1.05	0.113	24000	0.6	NO	NA	NA	4.84%	NA	2008	42.0	24.34	Pressure Test/Replace	2024-2028
6542580	HPSS 6542580	200	3		1549	100	71	NA		71			UNVALID	1.05	0.113	24000	0.6	NO	NA	NA	3.87%	NA	1966	33.3	47.37	Pressure Test/Replace	2024-2028
6542610	HPSS 6542610	200	3		1549	90	60	NA		60			UNVALID	1.05	0.113	24000	0.6	NO	NA	NA	3.87%	NA	1966	8.0	47.37	Pressure Test/Replace	2024-2028
6542670	HPSS 6542670	200	3		1549	110	78	NA		78			UNVALID	1.05	0.113	24000	0.6	NO	NA	NA	3.87%	NA	1968	5.0	45.37	Pressure Test/Replace	2024-2028
6542808	HPSS 6542808	200	3		1549	120	80	NA		80			UNVALID	1.05	0.113	24000	0.6	NO	NA	NA	3.87%	NA	1972	16.0	41.37	Pressure Test/Replace	2024-2028
6542823	HPSS 6542823	200	3		1549	100	66	NA		66			UNVALID	1.05	0.113	24000	0.6	NO	NA	NA	3.87%	NA	1967	24.0	46.37	Pressure Test/Replace	2024-2028
6542830	HPSS 6542830	200	3		1549	100	71	NA		71			UNVALID	1.05	0.113	24000	0.6	NO	NA	NA	3.87%	NA	1969	16.0	44.37	Pressure Test/Replace	2024-2028
6542840	HPSS 6542840	200	3		1549	100	71	NA		71			UNVALID	1.05	0.113	24000	0.6	NO	NA	NA	3.87%	NA	1966	18.0	47.37	Pressure Test/Replace	2024-2028
6542866	HPSS 6542866	200	3		1549	120	80	NA		80			UNVALID	1.05	0.113	24000	0.6	NO	NA	NA	3.87%	NA	1973	10.0	40.87	Pressure Test/Replace	2024-2028
6543340	HPSS 6543340	200	3		1549	120	85	NA		85			UNVALID	1.05	0.113	24000	0.6	NO	NA	NA	3.87%	NA	1968	7.0	45.37	Pressure Test/Replace	2024-2028
6550104	HPSS 6550104	250	3		1549	100	1	NA		1			UNVALID	1.05	0.113	24000	0.6	NO	NA	NA	4.84%	NA	2009	14.0	23.84	Pressure Test/Replace	2024-2028
6550554	HPSS 6550554	250	3		1549	110	73	NA		73			UNVALID	1.05	0.113	24000	0.6	NO	NA	NA	4.84%	NA	1993	13.1	31.84	Pressure Test/Replace	2024-2028
6553925	HPSS 6553925	250	3		1549	750	1	NA		1			UNVALID	1.05	0.113	24000	0.6	NO	NA	NA	4.84%	NA	2008	12.0	24.34	Pressure Test/Replace	2024-2028
6554110	HPSS 6554110	250	3		1549	400	1	NA		1			UNVALID	1.05	0.113	24000	0.6	NO	NA	NA	4.84%	NA	1988	14.0	34.34	Pressure Test/Replace	2024-2028
6554111	HPSS 6554111	250	3		1549	605	1	NA		1			UNVALID	1.05	0.113	24000	0.6	NO	NA	NA	4.84%	NA	1992	22.0	32.34	Pressure Test/Replace	2024-2028
6554114	HPSS 6554114	250	3		1549	628	1	NA		1			UNVALID	1.05	0.113	24000	0.6	NO	NA	NA	4.84%	NA	2005	12.8	25.84	Pressure Test/Replace	2024-2028
6554537	HPSS 6554537	250	3		1549	650	1	NA		1			UNVALID	1.05	0.113	24000	0.6	NO	NA	NA	4.84%	NA	2008	5.1	24.34	Pressure Test/Replace	2024-2028
6554706	HPSS 6554706	250	3		1549	650	1	NA		1			UNVALID	1.05	0.113	24000	0.6	NO	NA	NA	4.84%	NA	2005	68.0	25.84	Pressure Test/Replace	2024-2028
53549	Inlet 020-R-010	160	3		2123	150	100	NA		100			UNVALID	1.315	0.133	35000	0.6	NO	NA	NA	2.26%	NA	1964	54.8	43.76	Pressure Test/Replace	2024-2028
222188	Inlet 032-R-025	250	3		499	100	66	NA		66			UNVALID	4.5	0.156	24000	0.6	NO	YES	YES	15.02%	15.02%	2012	296.1	47.52	Pressure Test/Replace	2024-2028
6490142	Inlet 032-R-046	250	3		1549	100	66	NA		66			UNVALID	1.05	0.113	24000	0.6	NO	NA	NA	4.84%	NA	1994	15.0	31.34	Pressure Test/Replace	2024-2028
4240140	020-R-021	400	3		499	90	64	NA		64			UNVALID	4.5	0.156	24000	0.6	NO	NA	NA	24.04%	NA	1969	16.2	87.54	Addressed w/ 116 Segment	2019
4230124	HPSS 4230124	400	3		1549	60	42	UNKV		42			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.74%	NA	1968	14.0	58.24	Addressed w/ 116 Segment	2019
4230125	HPSS 4230125	400	3		1549	100	66	UNKV		66			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.74%	NA	1984	42.0	48.24	Addressed w/ 116 Segment	2019
4230128	HPSS 4230128	400	3		1549	118	78	1440		78			UNVALID	1.05	0.113	24000	0.6	NO	NA	NA	7.74%	NA	1980	42.0	50.24	Addressed w/ 116 Segment	2019
4232100	HPSS 4232100	400	3		1549	110	73	1440		73			UNVALID	1.05	0.113	24000	0.6	NO	NA	NA	7.74%	NA	2002	59.0	39.24	Addressed w/ 116 Segment	2019
6543510	HPSS 6543510	200	3		1549	100	66	NA		66			UNVALID	1.05	0.113	24000	0.6	NO	NA	NA	3.87%	NA	1967	55.0	46.37	Addressed w/ 116 Segment	2019
6543530	HPSS 6543530	200	3		1549	100	66	NA		66			UNVALID	1.05	0.113	24000	0.6	NO	NA	NA	3.87%	NA	1968	95.0	45.37	Addressed w/ 116 Segment	2019
4240130	Inlet 020-R-019	400	3		1193	50	35	NA		35			UNVALID	1.315	0.109	24000	0.6	NO	NA	NA	10.05%	NA	1967	7.0	68.05	Addressed w/ 116 Segment	2019
6543562	Service Stub	200	3		1549	100	66	NA		66			UNVALID	1.05	0.113	24000	0.6	NO	NA	NA	3.87%	NA	1970	95.0	43.37	Addressed w/ 116 Segment	2019
37344	Inlet 020-R-039	400	3		1193	900	600	250		250			UNVALID	2.375	0.154	35000	0.6	NO	YES	YES	8.81%	10.05%	1989	20.0	48.05	Addressed w/ 116 Segment	2019
18687	020-O-001	250	3		499	0	0	NA		0			UNVALID	4.5	0.188	35000	0.6	NO	YES	YES	11.69%	15.02%	1956	113.7	100.02	Addressed w/ 116 Segment	2020
11180	Inlet 020-R-028	152	3		499	0	0	250		0			UNVALID	4.5	NA	NA	NA	NO	YES	YES	NA	9.13%	1967	17.0	75.63	Addressed w/ 116 Segment	2020
4381500	HPSS 4381500	152	3		1549	0	0	NA		0			UNVALID	1.05	0.113	24000	0.6	NO	NA	NA	2.94%	NA	1966	104.5	56.44	Addressed w/ 116 Segment	2020
4201510	HPSS 4201510	175	3		1549	0	0	NA		0			UNVALID	1.05	0.113	24000	0.6	NO	NA	NA	3.39%	NA	1970	105.5	52.89	Addressed w/ 116 Segment	2021-2023
42C7053	Inlet 020-R-009	200	3		2123	0	0	720		0			UNVALID	1.315	0.133	35000	0.6	NO	NA	NA	2.82%	NA	1964	5.0	53.32	Addressed w/ 116 Segment	2021

Work Order #	Segment Name	Existing MAOP (psig)	Class Location (1,2,3,4)	Uprate (YES/NO)	Design Pressure 192.619 (a) (1) (psig)	Test Pressure (psig)	Test Pressure 192.619 (a) (2) (psig)	Pressure Class Rating (psig)	Hi-5 Pressure (psig) 192.619 (a) (3)	MAOP per 192.619 (psig)	Meets 192.619	Meets 192.517	MAOP Designation	Max Outside Diameter, OD1 (inches)	Min Wall Thickness, WT1 (inches)	Min SMYS, SMYS1 (psig)	Min Longitudinal Joint Factor, E1 (E)	Unknown Pressure Rated Fitting (YES/NO)	Fittings w/ Assumed SMYS (YES/NO)	Fittings w/ Assumed Joint Factor (YES/NO)	Max Pipe % SMYS	Max Fitting % SMYS	Install Date (Year)	Pipe Length (Feet)	Total Score	Action Plan	Action Year
4340165	Inlet M&R 25803	175	3		499	0	0	NA		0			UNVALID	4.5	0.156	24000	0.6	NO	YES	YES	10.52%	8.73%	1957	12.0	93.52	Addressed w/ 116 Segment	2022
5869914040	HPSS 5869914040	200	3		1549	0	0	NA		0			UNVALID	1.05	0.113	24000	0.6	NO	NA	NA	3.87%	NA	2013	2.2	29.87	Addressed w/ 116 Segment	2023
46C6883	020-O-002, Inlet 020-R-006	130	3		933	0	0	NA		0			UNVALID	2.375	0.154	24000	0.6	NO	NA	NA	4.18%	NA	1964	10.6	58.68	Pressure Test/Replace	2018-2023
55590	020-O-003	250	3		499	0	0	NA		0			UNVALID	4.5	0.156	24000	0.6	NO	YES	YES	15.02%	15.02%	1956	14.5	99.02	Pressure Test/Replace	2018-2023
135	Inlet 032-R-021	250	3		933	0	0	UNKV		0			UNVALID	2.375	0.154	24000	0.6	YES	NA	NA	8.03%	NA	1982	0.0	64.53	Pressure Test/Replace	2018-2023
4231500	HPSS 4231504	400	3		1549	0	0	1440		0			UNVALID	1.05	0.113	24000	0.6	NO	NA	NA	7.74%	NA	1967	19.0	74.24	Addressed w/ 116 Segment	2019
42C6202	Inlet 020-R-014	150	3		1549	0	0	NA		0			UNVALID	1.05	0.113	24000	0.6	NO	NA	NA	2.90%	NA	1962	64.7	59.40	Pressure Test/Replace	2018-2023
6490010	Service Stub	250	3		933	0	0	1440		0			UNVALID	2.375	0.154	24000	0.6	NO	YES	YES	8.03%	8.03%	1981	55.0	65.03	Pressure Test/Replace	2018-2023
6490160	Service Stub	250	3		933	0	0	NA		0			UNVALID	2.375	0.154	24000	0.6	NO	NA	NA	8.03%	NA	1982	17.0	64.53	Pressure Test/Replace	2018-2023
UNKV (Stub Selah)	Stub off 4" Selah H.P. Line	250	3		499	0	0	275		0			UNVALID	4.5	0.156	24000	0.6	NO	YES	YES	15.02%	15.02%	1985	27.8	75.02	Pressure Test/Replace	2018-2023
165211	Inlet 020-R-057	250	3		933	0	0	720		0			UNVALID	2.375	0.154	24000	0.6	NO	NA	NA	8.03%	NA	2009	9.0	51.03	Pressure Test/Replace	2018-2023
6490224	HPSS 6490224	250	3		1549	0	0	NA		0			UNVALID	1.05	0.113	24000	0.6	NO	YES	YES	4.84%	4.84%	1999	81.8	37.84	Pressure Test/Replace	2024-2028
6554264	HPSS 6554264	250	3		1549	0	0	NA		0			UNVALID	1.05	0.113	24000	0.6	NO	NA	NA	4.84%	NA	2009	5.0	32.84	Pressure Test/Replace	2024-2028
6554638	HPSS 6554638	250	3		1549	0	0	NA		0			UNVALID	1.05	0.113	24000	0.6	NO	NA	NA	4.84%	NA	2001	65.0	36.84	Pressure Test/Replace	2024-2028
6554125	Service Stub	250	3		1549	0	0	UNKV		0			UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	4.84%	4.84%	1995	7.0	39.84	Pressure Test/Replace	2024-2028
25856	6" Toppenish-Zillah Transmission Line (020-O-008)	400	3		794	0	0	NA		0			UNVALID	6.625	0.188	35000	0.8	NO	NA	NA	20.14%	NA	1956	31.3	112.64	Addressed w/ 116 Segment	2019
4391095	6" Toppenish-Zillah H.P. Line (Main Stub)	400	3		544	0	0	NA		0			UNVALID	6.625	0.188	24000	0.8	NO	NO	YES	29.37%	15.97%	1957	12.3	134.87	Addressed w/ 116 Segment	2019
4230080	HPSS 4230080	400	3		1549	0	0	NA		0			UNVALID	1.05	0.113	24000	0.6	NO	YES	YES	7.74%	7.74%	1969	228.1	73.24	Addressed w/ 116 Segment	2019
4230100	HPSS 4230100	400	3		1549	0	0	1440		0			UNVALID	1.05	0.113	24000	0.6	NO	NA	NA	7.74%	NA	1957	63.0	84.24	Addressed w/ 116 Segment	2019
4230105	HPSS 4230105	400	3		1193	0	0	UNKV		0			UNVALID	1.315	0.109	24000	0.6	YES	NA	NA	10.05%	NA	1964	16.0	86.05	Addressed w/ 116 Segment	2019
4230112	HPSS 4230112	400	3		1549	0	0	UNKV		0			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.74%	NA	1964	45.0	77.24	Addressed w/ 116 Segment	2019
4230120	HPSS 4230120	400	3		1549	0	0	UNKV		0			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.74%	NA	1959	7.0	82.24	Addressed w/ 116 Segment	2019
4230122	HPSS 4230122	400	3		1549	0	0	UNKV		0			UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.74%	NA	1965	7.0	76.24	Addressed w/ 116 Segment	2019
160	Inlet 032-R-007	200	3		641	0	0	NA		0			UNVALID	3.5	0.156	24000	0.6	NO	NA	NA	9.35%	NA	1957	70.0	85.85	Addressed w/ 116 Segment	2019
37647	4" Grandview H.P. Line	250	3		933	600	400	720		400	X	X	VALID	2.375	0.154	35000	0.6	NO	YES	YES	5.51%	8.03%	1989	109.9	42.03	Accept Most Stringent Criteria	--
45400	4" Selah H.P. Line	250	3		1361	600	400	1440		400	X	X	VALID	2.375	0.154	35000	0.6	NO	NA	NA	5.51%	NA	1994	42.0	32.01	Accept Most Stringent Criteria	--
52929	4" Selah H.P. Line	250	3		1361	604	402	1440		402	X	X	VALID	2.375	0.154	35000	0.6	NO	NO	YES	5.51%	5.51%	1997	324.4	31.51	Accept Most Stringent Criteria	--
28013	020-V-038	200	3		NA	NA	NA	400		400	X	X	VALID	NA	NA	NA	NA	NO	NA	NA	NA	NA	1980	0.0	28.50	No Action Needed	--
40427	020-V-046	200	3		NA	NA	NA	720		720	X	Service	VALID	NA	NA	NA	NA	NO	NA	NA	NA	NA	1991	0.0	23.00	No Action Needed	--
54062	020-V-064	200	3		1500	600	400	720		400	X	X	VALID	3.5	0.25	35000	0.6	NO	NA	NA	4.00%	NA	1999	8.0	23.00	Accept Most Stringent Criteria	--
213913	020-V-094, 095	400	3		1052	600	400	720		400	X	X	VALID	4.5	0.188	42000	0.6	NO	YES	YES	11.40%	10.85%	2016	9,473.2	45.90	Accept Most Stringent Criteria	--
29252	032-O-001	250	3		499	450	300	NA		300	X	X	VALID	4.5	0.188	35000	0.6	NO	YES	YES	8.55%	15.02%	1981	40.7	57.02	Accept Most Stringent Criteria	--
32811	032-O-002	200	3		1045	600	400	720		400	X	X	VALID	8.625	0.322	35000	0.8	NO	NO	YES	7.65%	7.65%	1985	42.6	38.65	Accept Most Stringent Criteria	--
30269	032-O-003, R-002	275	3		877	580	386	720		386	X	X	VALID	4.5	0.188	35000	0.6	NO	NO	YES	9.40%	7.46%	1984	57.3	40.90	Accept Most Stringent Criteria	--
44924	032-V-060	250	3		NA	NA	NA	1440		1440	X	X	VALID	NA	NA	NA	NA	NO	NA	NA	NA	NA	1993	0.0	22.00	No Action Needed	--
163157	3" Granger H.P. Line	175	3		1643	710	473	720		473	X	X	VALID	4.5	0.237	52000	0.6	NO	NA	NA	3.19%	NA	2010	1,025.2	24.19	Accept Most Stringent Criteria	--
51763	3" Sunnyside H.P. Line (Inlet 020-R-048)	200	3		1106	600	400	1440		400	X	X	VALID	2.375	0.154	35000	0.6	NO	NO	YES	4.41%	5.42%	1996	102.1	31.92	Accept Most Stringent Criteria	--
32472	4" East Toppenish H.P. Line	400	3		1106	720	480	720		480	X	X	VALID	4.5	0.188	35000	0.8	NO	YES	YES	13.68%	13.52%	1986	9,486.5	63.18	Accept Most Stringent Criteria	--
225882	4" Grandview H.P. Line	250	3		1106	791	527	720		527	X	X	VALID	4.5	0.188	52000	0.6	NO	NO	YES	5.75%	6.78%	2015	4,967.8	30.28	Accept Most Stringent Criteria	--
29290	4" Moxee H.P. Line	250	3		499	450	300	NA		300	X	X	VALID	4.5	0.188	35000	0.6	NO	YES	YES	8.55%	15.02%	1981	6,867.5	67.02	Accept Most Stringent Criteria	--
29775	4" Moxee H.P. Line	250	3		499	460	306	400		306	X	X	VALID	4.5	0.188	35000	0.6	NO	YES	YES	8.55%	15.02%	1982	32,140.2	76.52	Accept Most Stringent Criteria	--
29836	4" Moxee H.P. Line	250	3		1193	450	300	1440		300	X	X	VALID	2.375	0.154	35000	0.6	NO	YES	YES	5.51%	6.28%	1982	546.3	47.78	Accept Most Stringent Criteria	--
173437	4" Moxee H.P. Line	250	3		1106	820	546	720		546	X	X	VALID	4.5	0.188	52000	0.6	NO	YES	YES	5.75%	6.78%	2010	292.5	30.28	Accept Most Stringent Criteria	--
32470	4" Prosser H.P. Loop Line	250	3		877	600	400	720		400	X	X	VALID	4.5	0.188	35000	0.6	NO	YES	YES	8.55%	6.78%	1991	3,401.1	48.05	Accept Most Stringent Criteria	--
31948	4" Selah H.P. Line	250	3		499	450	300	275		275	X	X	VALID	4.5	0.188	35000	0.6	NO	YES	YES	8.55%	15.02%	1985	20,642.9	70.02	Accept Most Stringent Criteria	--
32976	4" Selah H.P. Line	250	3		1106	500	333	1440		333	X	X	VALID	2.375	0.154	35000	0.6	NO	NO	YES	5.51%	6.78%	1992	261.8	35.28	Accept Most Stringent Criteria	--
41175	4" Sunnyside H.P. Line	200	3		877	600	400	720		400	X	X	VALID	4.5	0.188	35000	0.6	NO	YES	YES	6.84%	5.42%	1991	879.1	43.84	Accept Most Stringent Criteria	--
47208	4" Sunnyside H.P. Line	200	3		499	600	400	720		400	X	X	VALID	8.625	0.25	35000	0.8	NO	YES	YES	9.86%	12.02%	1995	4,612.1	54.52	Accept Most Stringent Criteria	--
179713	4" Wapato H.P. Line	152	3		1106	820	546	720		546	X	X	VALID	4.5	0.237	52000	0.6	NO	YES	YES	2.78%	4.12%	2012	78.1	20.62	Accept Most Stringent Criteria	--
181100	4" Wapato H.P. Line	152	3		1106	850	566	275		275	X	X	VALID	4.5	0.237	52000	0.6	NO	YES	YES	2.78%	4.12%	2011	486.3	22.12	Accept Most Stringent Criteria	--
28012	4" West Sunnyside H.P. Line	200	3		499	600	400	720		400	X	X	VALID	8.625	0.25	35000	0.8	NO	YES	YES	9.86%	12.02%	1980	28,479.3	69.52	Accept Most Stringent Criteria	--
25237	6" Toppenish-Zillah Transmission Line	400	3		1056	600	400	720		400	X	X	VALID	6.625	0.25	35000	0.8	NO	NO	YES	15.14%	13.52%	1979	1,192.8	61.64	Accept Most Stringent Criteria	--
43436	6" Toppenish-Zillah Transmission Line	400	3		794	900	600	720		600	X	X	VALID	6.625	0.188	35000	0.8	NO	NO	YES	20.14%	13.52%	1993	482.2	58.14	Accept Most Stringent Criteria	--
59553	6" Toppenish-Zillah Transmission Line	400	3		1045	750	500	720		500	X	X	VALID	8.625	0.322	42000	0.8	NO	NO	YES	12.76%	15.31%	2000	124.4	44.81	Accept Most Stringent Criteria	--
161307	6" Toppenish-Zillah Transmission Line	400	3		1183	750	500	720		500	X	X	VALID	6.625	0.25	52000	0.8	NO	NO	YES	10.19%	13.52%	2010	929.8	42.02	Accept Most Stringent Criteria	--
193985	6" Toppenish-Zillah Transmission Line	400	3		1106	750	500	720		500	X	X	VALID	6.625	0.28	52000	0.8	NO	NO	YES	9.10%	10.85%	2016	1,839.2	38.85	Accept Most Stringent Criteria	--
42417	6" Toppenish-Zillah Transmission Line (R-029, R-022)	400	3		877	900	600	720		600	X	X	VALID	6.625	0.188	42000	0.8	NO	NO	YES	16.78%	13.52%	1992	35.0	49.28	Accept Most Stringent Criteria	--
42417	6" Toppenish-Zillah Transmission Line (R-029, R-022)	400	3		877	900	600	720		600	X	X	VALID	6.625	0.188	42000	0.8	NO	NO	YES	16.78%	13.52%	1992	72.0	49.28	Accept Most Stringent Criteria	--
24187	8" Yakima H.P. Line	200	3		716	750	500	275		275	X	X	VALID	8.625	0.25	35000	0.8	NO	YES	YES	9.86%	11.16%	1979	12.2	54.16	Accept Most Stringent Criteria	--
25569	8" Yakima H.P. Line	200	3		418	750	500	NA		418	X	X	VALID	8.625	0.188	35000	0.8	NO	YES	YES	13.11%	19.12%	1979	292.0	63.12	Accept Most Stringent Criteria	--
51197	8" Yakima H.P. Line	200	3		418	750	500	720		418	X	X	VALID	8.625	0.188	35000	0.8	NO	YES	YES	13.11%	19.12%	1981	7,092.4	71.12	Accept Most Stringent Criteria	--
227290	020-V-108	152	3		1843	600	400	720		400	X	X	VALID	4.5	0.237	52000	1	NO	NO	NO	2.78%	4.12%	2015	25.0	13.12	No Action Needed	--
34666	Inlet 020-R-037	200	3		1361	750	500	1440		500	X	X	VALID	2.375	0.154	35000	0.6	NO	NA	NA	4.41%	NA	1987	19.0	29.41	Accept Most Stringent Criteria	--
170048	Inlet 020-R-037	200	3		933	750	500	NA		500	X	X	VALID	1.05	0.113	35000	1	NO	YES	YES	2.65%	6.43%	2009	11.0	29.43	No Action Needed	--
4201513	Inlet 020-R-040	175	3		933	600	400	720		400	X	Service	VALID	2.375	0.154	24000	0.6	NO	NA	NA	5.62%	NA	1990	153.6	39.12	Accept Most Stringent Criteria	--
40274	Inlet 020-R-041	400	3		1361	900	600	1440		600	X	X	VALID	2.375	0.154	35000	0.6	NO	NA	NA	8.81%	NA	1991	18.0	36.81	Accept Most Stringent Criteria	--
47971	Inlet 020-R-046	400	3		1361	900	600	1440		600	X	X	VALID	2.375	0.154	35000	0.6	NO	NO	YES	8.81%	8.81%	1995	76.0	34.81	Accept Most Stringent Criteria	--
50749	Inlet 020-R-047	175	3		1361	600	400	720		400	X	NA	VALID	2.375	0.154	35000	0.6	NO	NO	YES	3.86%	3.86%	1956	20.2	52.36	Accept Most Stringent Criteria	--
52716	Inlet 020-R-049	400	3		1361	600	400	1440		400	X	X	VALID	2.375	0.154	35000	0.6	NO	NO	YES	8.81%	8.81%	1997	19.0	33.81	Accept Most Stringent Criteria	--
K0069449	Inlet 020-R-055	250	3		728	600	400	720		400	X	X	VALID	4.5	0.156	35000	0.6	NO	NO	YES	10.30%	5.51%	2003	35.1	37.30	Accept Most Stringent Criteria	--
177231	Inlet 020-R-062	250	3		499	750	500	720		499	X	X	VALID	4.5	0.156	24000	0.6	NO	YES	YES	15.02%	15.02%	2012	124.1	42.52	Accept Most Stringent Criteria	--
44923	Inlet 032-R-035	250	3		1361	600	400	1440		400	X	X	VALID	2.375	0.154	35000	0.6	NO	NO	YES	5.51%	5.51%	1993	24.1	32.51	Accept Most Stringent Criteria	--
49570	Inlet 032-R-039	250	3		1361	600	400	1440		400	X	X	VALID	2.375	0.154	35000	0.6	NO	NO	YES	5.51%	5.51%	1996	36.8	31.01	Accept Most Stringent Criteria	--
49732	Inlet 032-R-040	250	3		1361	650	433	1440		433	X	X	VALID	2.375	0.154	35000	0.6	NO	NO	YES	5.51%	5.51%	1995	2,914.6	39.01	Accept Most Stringent Criteria	--
185114	Inlet 032-R-048	250	3		1361	780	520	720		520	X	X	VALID	2.375	0.154	35000	0.6	NO	NA	NA	5.51%	NA	2011	17.3	23.51	Accept Most Stringent Criteria	--
280	Inlet M&R 25803	175	3		NA	NA	NA	275		275	X	Service	VALID	NA	NA	NA	NA	NO	NO	NA	NA	NA	1957	0.0	47.50	No Action Needed	--
37016	Main to HPSS 6490032	250	3		1361	450	300	1440		300	X	X	VALID	2.375	0.154	35000	0.6	NO	NO	YES	5.51%	5.51%	1989	486.3	35.51	Accept Most Stringent Criteria	--
40426	Sunnyside H.P. Distribution System	200	3		499	600	400	720		400	X	X	VALID	6.625	0.188	35000	0.8	NO	YES	YES	10.07%	14.68%	1991	2,062.3	59.18	Accept Most Stringent Criteria	--
2522737186	HPSS 2522737186	250	3		2123	750	500	UNKV		500	X	Service	UNVALID	1.315	0.133	35000	0.6	YES	NA	NA	3.53%	NA	2013	23.0	15.53	Expose/Verify, DIMP/TIMP	2018-2028
2970502135	HPSS 2970502135	250	3		1193	750	500	UNKV		500	X	Service	UNVALID	1.315	0.109	24000	0.6	YES	NA	NA	6.28%	NA	2012	63.0	27.78	Expose/Verify, DIMP/TIMP	2018-2028
4051918	HPSS 4051918	200	3		1549	700	466	UNKV		466	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.87%	NA	1988	77.6	32.37	Expose/Verify, DIMP/TIMP	2018-2028
4230132	HPSS 4230132	400	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.74%	NA	1988	3.0	41.24	Expose/Verify, DIMP/TIMP	2018-2028
4230133	HPSS 4230133	400	3		1549	700	466	UNKV		466	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.74%	NA	1990	40.0	40.24	Expose/Verify, DIMP/TIMP	2018-2028

Work Order #	Segment Name	Existing MAOP (psig)	Class Location (1,2,3,4)	Uprate (YES/NO)	Design Pressure 192.619 (a) (1) (psig)	Test Pressure (psig)	Test Pressure 192.619 (a) (2) (psig)	Pressure Class Rating (psig)	Hi-5 Pressure (psig) 192.619 (a) (3)	MAOP per 192.619 (psig)	Meets 192.619	Meets 192.517	MAOP Designation	Max Outside Diameter, OD1 (inches)	Min Wall Thickness, WT1 (inches)	Min SMYS, SMYS1 (psig)	Min Longitudinal Joint Factor, E1 (E)	Unknown Pressure Rated Fitting (YES/NO)	Fittings w/ Assumed SMYS (YES/NO)	Fittings w/ Assumed Joint Factor (YES/NO)	Max Pipe % SMYS	Max Fitting % SMYS	Install Date (Year)	Pipe Length (Feet)	Total Score	Action Plan	Action Year
4231541	HPSS 4231541	400	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.74%	NA	1993	7.0	38.74	Expose/Verify, DIMP/TIMP	2018-2028
4231941	HPSS 4231941	400	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.74%	NA	1996	17.0	37.24	Expose/Verify, DIMP/TIMP	2018-2028
4231949	HPSS 4231949	400	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.74%	NA	1996	42.0	37.24	Expose/Verify, DIMP/TIMP	2018-2028
4261096	HPSS 4261096	400	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.74%	NA	1983	65.0	43.74	Expose/Verify, DIMP/TIMP	2018-2028
4261200	HPSS 4261200	400	3		1549	900	600	UNKV		600	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.74%	NA	1982	7.0	44.24	Expose/Verify, DIMP/TIMP	2018-2028
4272263813	HPSS 4272263813	250	3		1456	800	533	UNKV		533	X	Service	UNVALID	1.315	0.133	24000	0.6	YES	NA	NA	5.15%	NA	2016	2.0	24.65	Expose/Verify, DIMP/TIMP	2018-2028
4303041108	HPSS 4303041108	250	3		2123	750	500	UNKV		500	X	Service	UNVALID	1.315	0.133	35000	0.6	YES	NA	NA	3.53%	NA	2013	18.0	15.53	Expose/Verify, DIMP/TIMP	2018-2028
4669509776	HPSS 4669509776	200	3		2123	750	500	UNKV		500	X	Service	UNVALID	1.315	0.133	35000	0.6	YES	NA	NA	2.82%	NA	2015	42.0	13.82	Expose/Verify, DIMP/TIMP	2018-2028
5625261802	HPSS 5625261802	200	3		2901	650	433	UNKV		433	X	Service	UNVALID	1.315	0.109	35000	1	YES	NA	NA	3.45%	NA	2017	15.0	11.45	Expose/Verify, DIMP/TIMP	2018-2028
6490150	HPSS 6490150	250	3		933	800	533	UNKV		533	X	Service	UNVALID	2.375	0.154	24000	0.6	YES	NA	NA	8.03%	NA	1982	46.0	44.53	Expose/Verify, DIMP/TIMP	2018-2028
8106982971	HPSS 8106982971	250	3		2123	800	533	UNKV		533	X	Service	UNVALID	1.315	0.133	35000	0.6	YES	NA	NA	3.53%	NA	2016	11.0	14.03	Expose/Verify, DIMP/TIMP	2018-2028
954527945	HPSS 954527945	250	3		2901	750	500	UNKV		500	X	Service	UNVALID	1.315	0.109	35000	1	YES	NA	NA	4.31%	NA	2017	21.0	12.31	Expose/Verify, DIMP/TIMP	2018-2028
1860076	6" Toppenish-Zillah Transmission Line	400	3		1056	762	508	UNKV		508	X	X	UNVALID	6.625	0.25	35000	0.8	YES	NO	YES	15.14%	13.52%	1972	1,119.1	65.14	Expose/Verify, DIMP/TIMP	2018-2028
4230103	HPSS 4230103	400	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.74%	NA	1976	48.0	47.24	Expose/Verify, DIMP/TIMP	2018-2028
4230110	HPSS 4230110	400	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.74%	NA	1991	8.0	39.74	Expose/Verify, DIMP/TIMP	2018-2028
4230117	HPSS 4230117	400	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.74%	NA	1987	41.0	41.74	Expose/Verify, DIMP/TIMP	2018-2028
4230118	HPSS 4230118	400	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.74%	NA	1973	5.0	48.74	Expose/Verify, DIMP/TIMP	2018-2028
4230119	HPSS 4230119	400	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.74%	NA	1983	46.0	43.74	Expose/Verify, DIMP/TIMP	2018-2028
4230123	HPSS 4230123	400	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.74%	NA	1973	46.0	48.74	Expose/Verify, DIMP/TIMP	2018-2028
4231528	HPSS 4231528	400	3		1549	700	466	UNKV		466	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.74%	NA	1992	19.0	39.24	Expose/Verify, DIMP/TIMP	2018-2028
4231532	HPSS 4231532	400	3		1549	700	466	UNKV		466	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.74%	NA	1993	15.0	38.74	Expose/Verify, DIMP/TIMP	2018-2028
4231914	HPSS 4231914	400	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.74%	NA	1994	42.9	38.24	Expose/Verify, DIMP/TIMP	2018-2028
4231945	HPSS 4231945	400	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.74%	NA	1996	17.0	37.24	Expose/Verify, DIMP/TIMP	2018-2028
4232010	HPSS 4232010	400	3		1549	650	433	UNKV		433	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.74%	NA	1997	98.1	36.74	Expose/Verify, DIMP/TIMP	2018-2028
4232053	HPSS 4232053	400	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.74%	NA	1999	17.0	35.74	Expose/Verify, DIMP/TIMP	2018-2028
9450962221	HPSS 9450962221	400	3		1193	750	500	UNKV		500	X	Service	UNVALID	1.315	0.109	24000	0.6	YES	NA	NA	10.05%	NA	2012	14.7	36.55	Expose/Verify, DIMP/TIMP	2018-2028
890	Inlet 020-R-012	200	3		933	750	500	UNKV		500	X	Service	UNVALID	2.375	0.154	24000	0.6	YES	NA	NA	6.43%	NA	1990	578.1	43.93	Expose/Verify, DIMP/TIMP	2018-2028
1790	Inlet 020-R-027	152	3		933	750	500	UNKV		500	X	Service	UNVALID	2.375	0.154	24000	0.6	YES	YES	YES	4.88%	4.88%	1976	289.7	40.38	Expose/Verify, DIMP/TIMP	2018-2028
4060600	Inlet 020-R-031	200	3		933	750	500	UNKV		500	X	Service	UNVALID	2.375	0.154	24000	0.6	YES	NA	NA	6.43%	NA	1981	104.7	44.43	Expose/Verify, DIMP/TIMP	2018-2028
4060620	Inlet 020-R-032	200	3		933	750	500	UNKV		500	X	Service	UNVALID	2.375	0.154	24000	0.6	YES	YES	YES	6.43%	6.43%	1988	561.3	44.93	Expose/Verify, DIMP/TIMP	2018-2028
4060640	Inlet 020-R-033	200	3		933	750	500	UNKV		500	X	Service	UNVALID	2.375	0.154	24000	0.6	YES	YES	YES	6.43%	6.43%	1994	216.0	37.93	Expose/Verify, DIMP/TIMP	2018-2028
2025	Inlet 020-R-044	200	3		1214	750	500	UNKV		500	X	Service	UNVALID	1.66	0.14	24000	0.6	YES	YES	YES	4.94%	4.94%	1987	458.0	34.94	Expose/Verify, DIMP/TIMP	2018-2028
6490020	Inlet 032-R-013	250	3		933	450	300	UNKV		300	X	Service	UNVALID	2.375	0.154	24000	0.6	YES	YES	YES	8.03%	8.03%	1982	967.5	49.53	Expose/Verify, DIMP/TIMP	2018-2028
6490140	Inlet 032-R-019	250	3		933	450	300	UNKV		300	X	Service	UNVALID	2.375	0.154	24000	0.6	YES	YES	YES	8.03%	8.03%	1982	41.0	44.53	Expose/Verify, DIMP/TIMP	2018-2028
6490025	Inlet 032-R-041	250	3		1193	375	250	UNKV		250	X	Service	UNVALID	1.315	0.109	24000	0.6	YES	NA	NA	6.28%	NA	1982	133.1	43.78	Expose/Verify, DIMP/TIMP	2018-2028
4340198	Inlet M&R 46844	175	3		933	600	400	UNKV		400	X	Service	UNVALID	2.375	0.154	24000	0.6	YES	NA	NA	5.62%	NA	1994	5.0	36.12	Expose/Verify, DIMP/TIMP	2018-2028
4230116	Service Stub	400	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	7.74%	7.74%	1972	13.0	49.24	Expose/Verify, DIMP/TIMP	2018-2028
6490157	Service Stub	250	3		1549	650	433	UNKV		433	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	4.84%	4.84%	1987	45.0	33.84	Expose/Verify, DIMP/TIMP	2018-2028
133510822	HPSS 133510822	200	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.87%	NA	1987	39.0	32.87	Expose/Verify, DIMP/TIMP	2018-2028
1619727267	HPSS 1619727267	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	2012	192.0	22.34	Expose/Verify, DIMP/TIMP	2018-2028
2502	HPSS 2502	200	3		499	600	400	UNKV		400	X	Service	UNVALID	4.5	0.156	24000	0.6	YES	NA	NA	12.02%	NA	1991	112.1	50.02	Expose/Verify, DIMP/TIMP	2018-2028
3777583108	HPSS 3777583108	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	2012	12.0	21.34	Expose/Verify, DIMP/TIMP	2018-2028
4050580	HPSS 4050580	200	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.87%	NA	1982	5.0	35.37	Expose/Verify, DIMP/TIMP	2018-2028
4050635	HPSS 4050635	200	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.87%	NA	1973	90.0	39.87	Expose/Verify, DIMP/TIMP	2018-2028
4050640	HPSS 4050640	200	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.87%	NA	1975	46.0	38.87	Expose/Verify, DIMP/TIMP	2018-2028
4050650	HPSS 4050650	200	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.87%	NA	1956	40.0	56.37	Expose/Verify, DIMP/TIMP	2018-2028
4051900	HPSS 4051900	200	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.87%	NA	1980	190.1	37.37	Expose/Verify, DIMP/TIMP	2018-2028
4051921	HPSS 4051921	200	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.87%	NA	1981	21.0	35.87	Expose/Verify, DIMP/TIMP	2018-2028
4051925	HPSS 4051925	200	3		1549	700	466	UNKV		466	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.87%	NA	1988	30.0	32.37	Expose/Verify, DIMP/TIMP	2018-2028
4051927	HPSS 4051927	200	3		1549	700	466	UNKV		466	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.87%	NA	1988	55.0	32.37	Expose/Verify, DIMP/TIMP	2018-2028
4051930	HPSS 4051930	200	3		1549	700	466	UNKV		466	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.87%	NA	1991	49.0	30.87	Expose/Verify, DIMP/TIMP	2018-2028
4051949	HPSS 4051949	200	3		1549	700	466	UNKV		466	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.87%	NA	1992	10.0	30.37	Expose/Verify, DIMP/TIMP	2018-2028
4051964	HPSS 4051964	200	3		2260	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	35000	0.6	YES	NA	NA	2.65%	NA	1994	10.0	24.15	Expose/Verify, DIMP/TIMP	2018-2028
4051988	HPSS 4051988	200	3		1549	700	466	UNKV		466	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.87%	NA	1989	15.0	31.87	Expose/Verify, DIMP/TIMP	2018-2028
4052003	HPSS 4052003	200	3		1549	650	433	UNKV		433	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.87%	NA	1995	66.0	28.87	Expose/Verify, DIMP/TIMP	2018-2028
4052039	HPSS 4052039	200	3		1549	650	433	UNKV		433	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.87%	NA	1996	6.0	28.37	Expose/Verify, DIMP/TIMP	2018-2028
4052052	HPSS 4052052	200	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.87%	NA	1997	46.0	27.87	Expose/Verify, DIMP/TIMP	2018-2028
4052063	HPSS 4052063	200	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.87%	NA	1997	37.0	27.87	Expose/Verify, DIMP/TIMP	2018-2028
4052114	HPSS 4052114	200	3		499	750	500	UNKV		499	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	3.87%	12.02%	1999	20.5	45.02	Expose/Verify, DIMP/TIMP	2018-2028
4052140	HPSS 4052140	200	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.87%	NA	2000	10.0	26.37	Expose/Verify, DIMP/TIMP	2018-2028
4060106	HPSS 4060106	200	3		1549	700	466	UNKV		466	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.87%	NA	1990	30.0	31.37	Expose/Verify, DIMP/TIMP	2018-2028
4060109	HPSS 4060109	200	3		1193	750	500	UNKV		500	X	Service	UNVALID	1.315	0.109	24000	0.6	YES	NA	NA	5.03%	NA	1976	399.2	45.53	Expose/Verify, DIMP/TIMP	2018-2028
4060116	HPSS 4060116	200	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.87%	NA	1986	18.0	33.37	Expose/Verify, DIMP/TIMP	2018-2028
4060119	HPSS 4060119	200	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.87%	NA	1973	16.0	39.87	Expose/Verify, DIMP/TIMP	2018-2028
4060123	HPSS 4060123	200	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.87%	NA	1975	193.1	39.87	Expose/Verify, DIMP/TIMP	2018-2028
4060124	HPSS 4060124	200	3		933	750	500	UNKV		500	X	Service	UNVALID	2.375	0.154	24000	0.6	YES	NA	NA	6.43%	NA	1975	37.0	46.43	Expose/Verify, DIMP/TIMP	2018-2028
4060627	HPSS 4060627	200	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.87%	NA	1984	9.0	34.37	Expose/Verify, DIMP/TIMP	2018-2028
4060641	HPSS 4060641	200	3		1549	700	466	UNKV		466	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.87%	NA	1992	21.0	30.37	Expose/Verify, DIMP/TIMP	2018-2028
4060645	HPSS 4060645	200	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.87%	NA	1981	160.9	36.87	Expose/Verify, DIMP/TIMP	2018-2028
4060655	HPSS 4060655	200	3		1549	700	466	UNKV		466	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.87%	NA	1980	18.0	36.37	Expose/Verify, DIMP/TIMP	2018-2028
4060660	HPSS 4060660	200	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.87%	NA	1981	13.5	35.87	Expose/Verify, DIMP/TIMP	2018-2028
4060670	HPSS 4060670	200	3		1549	650	433	UNKV		433	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.87%	NA	1985	110.1	34.87	Expose/Verify, DIMP/TIMP	2018-2028
4060671	HPSS 4060671	200	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.87%	NA	1985	7.0	33.87	Expose/Verify, DIMP/TIMP	2018-2028
4060672	HPSS 4060672	200	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.87%	NA	1986	9.0	33.37	Expose/Verify, DIMP/TIMP	2018-2028
4060675	HPSS 4060675	200	3		1549	700	466	UNKV		466	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.87%	NA	1990	20.0	31.37	Expose/Verify, DIMP/TIMP	2018-2028
4060700	HPSS 4060700	200	3		1549	700	466	UNKV		466	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.87%	NA	1992	29.0	30.37	Expose/Verify, DIMP/TIMP	2018-2028
4121463	HPSS 4121463	250	3		1549	900	600	UNKV		600	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1995	3.8	29.84	Expose/Verify, DIMP/TIMP	2018-2028
4121468	HPSS 4121468	250	3		1549	650	433	UNKV		433	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	4.84%	4.84%	1996	42.2	29.34	Expose/Verify, DIMP/TIMP	2018-2028
4121498	HPSS 4121498	250	3		1549	800	533	UNKV		533	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	2000	12.0	27.34	Expose/Verify, DIMP/TIMP	2018-2028
4201515	HPSS 4201515	175	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.39%	NA	1978	178.1	37.89	Expose/Verify, DIMP/TIMP	2018-2028
4201561	HPSS 4201561	175	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.39%	NA	1997	298.2	28.39	Expose/Verify, DIMP/TIMP	2018-2028
4230136	HPSS 4230136	400	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.74%	NA	1991	57.1	39.74	Expose/Verify, DIMP/TIMP	2018-2028
4231965	HPSS 4231965	400	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.74%	NA	1996	23.7	37.24	Expose/Verify, DIMP/TIMP	2018-2028

Work Order #	Segment Name	Existing MAOP (psig)	Class Location (1,2,3,4)	Uprate (YES/NO)	Design Pressure 192.619 (a) (1) (psig)	Test Pressure (psig)	Test Pressure 192.619 (a) (2) (psig)	Pressure Class Rating (psig)	Hi-5 Pressure (psig) 192.619 (a) (3)	MAOP per 192.619 (psig)	Meets 192.619	Meets 192.517	MAOP Designation	Max Outside Diameter, OD1 (inches)	Min Wall Thickness, WT1 (inches)	Min SMYS, SMYS1 (psig)	Min Longitudinal Joint Factor, E1 (E)	Unknown Pressure Rated Fitting (YES/NO)	Fittings w/ Assumed SMYS (YES/NO)	Fittings w/ Assumed Joint Factor (YES/NO)	Max Pipe % SMYS	Max Fitting % SMYS	Install Date (Year)	Pipe Length (Feet)	Total Score	Action Plan	Action Year
4290402	HPSS 4290402	175	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.39%	NA	1986	2.0	32.89	Expose/Verify, DIMP/TIMP	2018-2028
4291005	HPSS 4291005	400	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.74%	NA	1990	23.0	40.24	Expose/Verify, DIMP/TIMP	2018-2028
4291020	HPSS 4291020	175	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	3.39%	3.39%	1994	38.0	28.89	Expose/Verify, DIMP/TIMP	2018-2028
4291301	HPSS 4291301	400	3		1549	700	466	UNKV		466	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.74%	NA	1992	61.0	39.24	Expose/Verify, DIMP/TIMP	2018-2028
4291326	HPSS 4291326	400	3		1549	700	466	UNKV		466	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	7.74%	NA	1998	68.0	36.24	Expose/Verify, DIMP/TIMP	2018-2028
4300060	HPSS 4300060	175	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.39%	NA	1988	54.0	31.89	Expose/Verify, DIMP/TIMP	2018-2028
4300070	HPSS 4300070	175	3		1193	750	500	UNKV		500	X	Service	UNVALID	1.315	0.109	24000	0.6	YES	NA	NA	4.40%	NA	1964	51.0	48.90	Expose/Verify, DIMP/TIMP	2018-2028
4301370	HPSS 4301370	175	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.39%	NA	1992	55.0	29.89	Expose/Verify, DIMP/TIMP	2018-2028
4301661	HPSS 4301661	175	3		1549	650	433	UNKV		433	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.39%	NA	1996	28.0	27.89	Expose/Verify, DIMP/TIMP	2018-2028
4301665	HPSS 4301665	175	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.39%	NA	1999	51.0	26.39	Expose/Verify, DIMP/TIMP	2018-2028
4340170	HPSS 4340170	175	3		933	750	535	UNKV		535	X	Service	UNVALID	2.375	0.154	24000	0.6	YES	NA	NA	5.62%	NA	1959	100.0	60.12	Expose/Verify, DIMP/TIMP	2018-2028
4340195	HPSS 4340195	175	3		1214	750	535	UNKV		535	X	Service	UNVALID	1.66	0.14	24000	0.6	YES	NA	NA	4.32%	NA	1964	53.0	48.82	Expose/Verify, DIMP/TIMP	2018-2028
4381498	HPSS 4381498	152	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.94%	NA	1989	16.5	30.94	Expose/Verify, DIMP/TIMP	2018-2028
4381600	HPSS 4381600	152	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.94%	NA	1981	16.1	34.94	Expose/Verify, DIMP/TIMP	2018-2028
4381613	HPSS 4381613	152	3		1549	500	333	UNKV		333	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	2.94%	NA	1995	49.0	27.94	Expose/Verify, DIMP/TIMP	2018-2028
6350403	HPSS 6350403	200	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.87%	NA	1978	8.0	37.37	Expose/Verify, DIMP/TIMP	2018-2028
6350458	HPSS 6350458	200	3		1549	530	353	UNKV		353	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.87%	NA	2005	108.1	24.87	Expose/Verify, DIMP/TIMP	2018-2028
6554531	HPSS 6414531	250	3		1549	650	433	UNKV		433	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1986	64.0	34.34	Expose/Verify, DIMP/TIMP	2018-2028
6490017	HPSS 6490017	250	3		1549	700	466	UNKV		466	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1992	37.0	31.34	Expose/Verify, DIMP/TIMP	2018-2028
6490019	HPSS 6490019	250	3		1549	650	433	UNKV		433	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1997	28.0	28.84	Expose/Verify, DIMP/TIMP	2018-2028
6490021	HPSS 6490021	250	3		1549	650	433	UNKV		433	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1991	10.0	31.84	Expose/Verify, DIMP/TIMP	2018-2028
6490024	HPSS 6490024	250	3		1549	650	433	UNKV		433	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1992	17.0	31.34	Expose/Verify, DIMP/TIMP	2018-2028
6490026	HPSS 6490026	250	3		1549	650	433	UNKV		433	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1993	42.0	30.84	Expose/Verify, DIMP/TIMP	2018-2028
6490027	HPSS 6490027	250	3		1549	700	466	UNKV		466	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1992	45.0	31.34	Expose/Verify, DIMP/TIMP	2018-2028
6490028	HPSS 6490028	250	3		1549	650	433	UNKV		433	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1994	6.1	30.34	Expose/Verify, DIMP/TIMP	2018-2028
6490029	HPSS 6490029	250	3		1549	650	433	UNKV		433	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1994	14.0	30.34	Expose/Verify, DIMP/TIMP	2018-2028
6490032	HPSS 6490032	250	3		1549	450	300	UNKV		300	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1989	15.0	32.84	Expose/Verify, DIMP/TIMP	2018-2028
6490036	HPSS 6490036	250	3		1549	650	433	UNKV		433	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1995	44.0	29.84	Expose/Verify, DIMP/TIMP	2018-2028
6490037	HPSS 6490037	250	3		1549	650	433	UNKV		433	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1995	10.0	29.84	Expose/Verify, DIMP/TIMP	2018-2028
6490040	HPSS 6490040	250	3		1549	400	266	UNKV		266	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1982	55.0	36.34	Expose/Verify, DIMP/TIMP	2018-2028
6490043	HPSS 6490043	250	3		1549	650	433	UNKV		433	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1997	38.0	28.84	Expose/Verify, DIMP/TIMP	2018-2028
6490051	HPSS 6490051	250	3		1549	650	433	UNKV		433	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1991	40.1	31.84	Expose/Verify, DIMP/TIMP	2018-2028
6490055	HPSS 6490056	250	3		1549	800	533	UNKV		533	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1990	40.6	32.34	Expose/Verify, DIMP/TIMP	2018-2028
6490057	HPSS 6490057	250	3		1549	650	433	UNKV		433	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1997	9.0	28.84	Expose/Verify, DIMP/TIMP	2018-2028
6490058	HPSS 6490058	250	3		1549	650	433	UNKV		433	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1998	50.0	28.34	Expose/Verify, DIMP/TIMP	2018-2028
6490060	HPSS 6490060	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1990	17.0	32.34	Expose/Verify, DIMP/TIMP	2018-2028
6490069	HPSS 6490069	250	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	2002	49.0	26.34	Expose/Verify, DIMP/TIMP	2018-2028
6490071	HPSS 6490071	250	3		1549	650	433	UNKV		433	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	2003	41.0	25.84	Expose/Verify, DIMP/TIMP	2018-2028
6491000	HPSS 6490085	250	3		1549	450	300	UNKV		300	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1985	87.0	34.84	Expose/Verify, DIMP/TIMP	2018-2028
6490091	HPSS 6490091	250	3		1549	650	433	UNKV		433	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1994	50.0	30.34	Expose/Verify, DIMP/TIMP	2018-2028
6490092	HPSS 6490092	250	3		1549	650	433	UNKV		433	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1994	93.0	30.34	Expose/Verify, DIMP/TIMP	2018-2028
6490094	HPSS 6490094	250	3		1549	650	433	UNKV		433	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1997	16.1	28.84	Expose/Verify, DIMP/TIMP	2018-2028
6490095	HPSS 6490095	250	3		1549	650	433	UNKV		433	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1997	47.0	28.84	Expose/Verify, DIMP/TIMP	2018-2028
6490096	HPSS 6490096	250	3		1549	650	433	UNKV		433	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	2003	36.0	25.84	Expose/Verify, DIMP/TIMP	2018-2028
6490097	HPSS 6490097	250	3		1549	680	453	UNKV		453	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	2004	35.0	25.34	Expose/Verify, DIMP/TIMP	2018-2028
6490120	HPSS 6490120	250	3		933	750	500	UNKV		500	X	Service	UNVALID	2.375	0.154	24000	0.6	YES	NA	NA	8.03%	NA	1982	72.0	44.53	Expose/Verify, DIMP/TIMP	2018-2028
6490121	HPSS 6490121	250	3		1549	650	433	UNKV		433	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1987	33.0	33.84	Expose/Verify, DIMP/TIMP	2018-2028
6490122	HPSS 6490122	250	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	2002	15.0	26.34	Expose/Verify, DIMP/TIMP	2018-2028
6490123	HPSS 6490123	250	3		1549	375	250	UNKV		250	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	4.84%	4.84%	1984	96.0	35.34	Expose/Verify, DIMP/TIMP	2018-2028
6490127	HPSS 6490127	250	3		1549	375	250	UNKV		250	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1984	86.0	35.34	Expose/Verify, DIMP/TIMP	2018-2028
6490151	HPSS 6490151	250	3		1549	650	433	UNKV		433	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1995	95.0	29.84	Expose/Verify, DIMP/TIMP	2018-2028
6490153	HPSS 6490153	250	3		1549	650	433	UNKV		433	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1994	19.0	30.34	Expose/Verify, DIMP/TIMP	2018-2028
6490155	HPSS 6490155	250	3		1549	375	250	UNKV		250	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1982	51.0	36.34	Expose/Verify, DIMP/TIMP	2018-2028
6490156	HPSS 6490156	250	3		1549	650	433	UNKV		433	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1995	30.0	29.84	Expose/Verify, DIMP/TIMP	2018-2028
6490164	HPSS 6490164	250	3		1549	650	433	UNKV		433	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1995	18.0	29.84	Expose/Verify, DIMP/TIMP	2018-2028
6490170	HPSS 6490170	250	3		933	450	300	UNKV		300	X	Service	UNVALID	2.375	0.154	24000	0.6	YES	NA	NA	8.03%	NA	1982	285.1	45.53	Expose/Verify, DIMP/TIMP	2018-2028
6490995	HPSS 6490995	250	3		1549	700	466	UNKV		466	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1989	43.6	32.84	Expose/Verify, DIMP/TIMP	2018-2028
6490996	HPSS 6490996	250	3		1549	650	433	UNKV		433	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1994	42.0	30.34	Expose/Verify, DIMP/TIMP	2018-2028
6491020	HPSS 6491020	250	3		1549	650	433	UNKV		433	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1989	12.0	32.84	Expose/Verify, DIMP/TIMP	2018-2028
6491970	HPSS 6491970	250	3		1549	650	433	UNKV		433	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1995	12.8	29.84	Expose/Verify, DIMP/TIMP	2018-2028
6491974	HPSS 6491974	250	3		1193	375	250	UNKV		250	X	Service	UNVALID	1.315	0.109	24000	0.6	YES	NA	NA	6.28%	NA	1982	20.0	42.78	Expose/Verify, DIMP/TIMP	2018-2028
6491975	HPSS 6491975	250	3		1549	650	433	UNKV		433	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1992	4.0	31.34	Expose/Verify, DIMP/TIMP	2018-2028
6491977	HPSS 6491977	250	3		1549	650	433	UNKV		433	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1993	9.0	30.84	Expose/Verify, DIMP/TIMP	2018-2028
6491979	HPSS 6491979	250	3		1549	650	433	UNKV		433	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1994	8.0	30.34	Expose/Verify, DIMP/TIMP	2018-2028
6492006	HPSS 6492006	250	3		1549	650	433	UNKV		433	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1993	8.0	30.84	Expose/Verify, DIMP/TIMP	2018-2028
6492090	HPSS 6492090	250	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1986	54.0	34.34	Expose/Verify, DIMP/TIMP	2018-2028
6492100	HPSS 6492100	250	3		1549	650	433	UNKV		433	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1986	47.0	34.34	Expose/Verify, DIMP/TIMP	2018-2028
6492105	HPSS 6492105	250	3		1549	650	433	UNKV		433	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1996	9.0	29.34	Expose/Verify, DIMP/TIMP	2018-2028
6492106	HPSS 6492106	250	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1997	21.0	28.84	Expose/Verify, DIMP/TIMP	2018-2028
6492107	HPSS 6492107	250	3		1549	650	433	UNKV		433	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1998	13.0	28.34	Expose/Verify, DIMP/TIMP	2018-2028
6492110	HPSS 6492110	250	3		1549	650	433	UNKV		433	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	4.84%	4.84%	1990	58.0	32.34	Expose/Verify, DIMP/TIMP	2018-2028
6542825	HPSS 6542825	200	3		1549	780	520	UNKV		520	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.87%	NA	1979	68.0	36.87	Expose/Verify, DIMP/TIMP	2018-2028
6542893	HPSS 6542893	200	3		1549	650	433	UNKV		433	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.87%	NA	1997	12.0	27.87	Expose/Verify, DIMP/TIMP	2018-2028
6543569	HPSS 6543569	200	3		1549	830	553	UNKV		553	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	3.87%	NA	1979	159.1	37.87	Expose/Verify, DIMP/TIMP	2018-2028
6543578	HPSS 6543578	200	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	YES	YES	3.87%	3.87%	1972	116.4	41.37	Expose/Verify, DIMP/TIMP	2018-2028
6550181	HPSS 6550181	250	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1995	43.0	29.84	Expose/Verify, DIMP/TIMP	2018-2028
6550570	HPSS 6550570	250	3		1549	650	433	UNKV		433	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1996	13.0	29.34	Expose/Verify, DIMP/TIMP	2018-2028
6553806	HPSS 6553806	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	2010	2.0	22.34	Expose/Verify, DIMP/TIMP	2018-2028
6553837	HPSS 6553837	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	2008	11.0	23.34	Expose/Verify, DIMP/TIMP	2018-2028
6553839	HPSS 6553839	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	2008	11.0	23.34	Expose/Verify, DIMP/TIMP	2018-2028
6554102	HPSS 6554102	250	3		1549	550	366	UNKV		366	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1985	136.0	35.84	Expose/Verify, DIMP/TIMP	2018-2028
6554112	HPSS 6554112	250	3		1549	650	433	UNKV		433	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1993	72.0	30.84	Expose/Verify, DIMP/TIMP	2018-2028
6554121	HPSS 6554121	250	3		1549	650	433	UNKV		433	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1995	12.0	29.84	Expose/Verify, DIMP/TIMP	2018-2028

Work Order #	Segment Name	Existing MAOP (psig)	Class Location (1,2,3,4)	Uprate (YES/NO)	Design Pressure 192.619 (a) (1) (psig)	Test Pressure (psig)	Test Pressure 192.619 (a) (2) (psig)	Pressure Class Rating (psig)	Hi-5 Pressure (psig) 192.619 (a) (3)	MAOP per 192.619 (psig)	Meets 192.619	Meets 192.517	MAOP Designation	Max Outside Diameter, OD1 (inches)	Min Wall Thickness, WT1 (inches)	Min SMYS, SMYS1 (psig)	Min Longitudinal Joint Factor, E1 (E)	Unknown Pressure Rated Fitting (YES/NO)	Fittings w/ Assumed SMYS (YES/NO)	Fittings w/ Assumed Joint Factor (YES/NO)	Max Pipe % SMYS	Max Fitting % SMYS	Install Date (Year)	Pipe Length (Feet)	Total Score	Action Plan	Action Year
6554200	HPSS 6554200	250	3		1549	650	433	UNKV		433	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1991	64.0	31.84	Expose/Verify, DIMP/TIMP	2018-2028
6554205	HPSS 6554205	250	3		1549	650	433	UNKV		433	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1991	75.0	31.84	Expose/Verify, DIMP/TIMP	2018-2028
6554234	HPSS 6554234	250	3		1549	450	300	UNKV		300	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	2007	17.0	23.84	Expose/Verify, DIMP/TIMP	2018-2028
6554515	HPSS 6554515	250	3		1549	650	433	UNKV		433	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1991	50.0	31.84	Expose/Verify, DIMP/TIMP	2018-2028
6554517	HPSS 6554517	250	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1989	27.0	32.84	Expose/Verify, DIMP/TIMP	2018-2028
6554518	HPSS 6554518	250	3		1549	650	433	UNKV		433	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1988	18.1	33.34	Expose/Verify, DIMP/TIMP	2018-2028
6554520	HPSS 6554520	250	3		1549	650	433	UNKV		433	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1988	50.0	33.34	Expose/Verify, DIMP/TIMP	2018-2028
6554525	HPSS 6554525	250	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1986	246.1	35.34	Expose/Verify, DIMP/TIMP	2018-2028
6554526	HPSS 6554526	250	3		1549	500	333	UNKV		333	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1985	7.0	34.84	Expose/Verify, DIMP/TIMP	2018-2028
6554527	HPSS 6554527	250	3		1549	500	333	UNKV		333	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1985	53.0	34.84	Expose/Verify, DIMP/TIMP	2018-2028
6554528	HPSS 6554528	250	3		1549	500	333	UNKV		333	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1985	7.0	34.84	Expose/Verify, DIMP/TIMP	2018-2028
6554529	HPSS 6554529	250	3		1549	500	333	UNKV		333	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1985	69.3	34.84	Expose/Verify, DIMP/TIMP	2018-2028
6554532	HPSS 6554532	250	3		1549	650	433	UNKV		433	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1989	56.3	32.84	Expose/Verify, DIMP/TIMP	2018-2028
6554533	HPSS 6554533	250	3		1549	650	433	UNKV		433	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1986	66.7	34.34	Expose/Verify, DIMP/TIMP	2018-2028
6554534	HPSS 6554534	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1986	38.0	34.34	Expose/Verify, DIMP/TIMP	2018-2028
6554535	HPSS 6554535	250	3		1549	500	333	UNKV		333	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1985	84.0	34.84	Expose/Verify, DIMP/TIMP	2018-2028
6554536	HPSS 6554536	250	3		1549	650	433	UNKV		433	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1987	51.0	33.84	Expose/Verify, DIMP/TIMP	2018-2028
6554538	HPSS 6554538	250	3		1549	650	433	UNKV		433	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1987	86.2	33.84	Expose/Verify, DIMP/TIMP	2018-2028
6554539	HPSS 6554539	250	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1988	5.0	33.34	Expose/Verify, DIMP/TIMP	2018-2028
6554541	HPSS 6554541	250	3		1549	750	500	UNKV		500	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1990	25.0	32.34	Expose/Verify, DIMP/TIMP	2018-2028
6554542	HPSS 6554542	250	3		1549	650	433	UNKV		433	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1990	8.0	32.34	Expose/Verify, DIMP/TIMP	2018-2028
6554543	HPSS 6554543	250	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1989	42.0	32.84	Expose/Verify, DIMP/TIMP	2018-2028
6554544	HPSS 6554544	250	3		1549	650	433	UNKV		433	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1971	31.0	41.84	Expose/Verify, DIMP/TIMP	2018-2028
6554545	HPSS 6554545	250	3		1549	650	433	UNKV		433	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1992	39.0	31.34	Expose/Verify, DIMP/TIMP	2018-2028
6554546	HPSS 6554546	250	3		1549	650	433	UNKV		433	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1992	14.0	31.34	Expose/Verify, DIMP/TIMP	2018-2028
6554547	HPSS 6554547	250	3		1549	650	433	UNKV		433	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1992	35.0	31.34	Expose/Verify, DIMP/TIMP	2018-2028
6554548	HPSS 6554548	250	3		1549	650	433	UNKV		433	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1992	12.0	31.34	Expose/Verify, DIMP/TIMP	2018-2028
6554553	HPSS 6554553	250	3		1549	650	433	UNKV		433	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1993	7.0	30.84	Expose/Verify, DIMP/TIMP	2018-2028
6554557	HPSS 6554557	250	3		1549	650	433	UNKV		433	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1996	43.0	29.34	Expose/Verify, DIMP/TIMP	2018-2028
6554558	HPSS 6554558	250	3		1549	650	433	UNKV		433	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1994	61.4	30.34	Expose/Verify, DIMP/TIMP	2018-2028
6554559	HPSS 6554559	250	3		1549	650	433	UNKV		433	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1994	6.0	30.34	Expose/Verify, DIMP/TIMP	2018-2028
6554561	HPSS 6554561	250	3		1549	650	433	UNKV		433	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1995	45.0	29.84	Expose/Verify, DIMP/TIMP	2018-2028
6554562	HPSS 6554562	250	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1995	62.0	29.84	Expose/Verify, DIMP/TIMP	2018-2028
6554563	HPSS 6554563	250	3		1549	650	433	UNKV		433	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1994	58.2	30.34	Expose/Verify, DIMP/TIMP	2018-2028
6554564	HPSS 6554564	250	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1995	55.0	29.84	Expose/Verify, DIMP/TIMP	2018-2028
6554565	HPSS 6554565	250	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1995	43.0	29.84	Expose/Verify, DIMP/TIMP	2018-2028
6554566	HPSS 6554566	250	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1995	65.8	29.84	Expose/Verify, DIMP/TIMP	2018-2028
6554567	HPSS 6554567	250	3		1549	650	433	UNKV		433	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1995	57.4	29.84	Expose/Verify, DIMP/TIMP	2018-2028
6554568	HPSS 6554568	250	3		1549	650	433	UNKV		433	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1995	16.0	29.84	Expose/Verify, DIMP/TIMP	2018-2028
6554569	HPSS 6554569	250	3		1549	650	433	UNKV		433	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1996	56.9	29.34	Expose/Verify, DIMP/TIMP	2018-2028
6554575	HPSS 6554575	250	3		1549	650	433	UNKV		433	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1996	25.0	29.34	Expose/Verify, DIMP/TIMP	2018-2028
6554576	HPSS 6554576	250	3		1549	650	433	UNKV		433	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1996	20.5	29.34	Expose/Verify, DIMP/TIMP	2018-2028
6554577	HPSS 6554577	250	3		1549	650	433	UNKV		433	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1996	45.0	29.34	Expose/Verify, DIMP/TIMP	2018-2028
6554585	HPSS 6554585	250	3		1549	650	433	UNKV		433	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	2004	12.0	25.34	Expose/Verify, DIMP/TIMP	2018-2028
6554617	HPSS 6554617	250	3		1549	600	400	UNKV		400	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	2008	60.0	23.34	Expose/Verify, DIMP/TIMP	2018-2028
6554621	HPSS 6554621	250	3		1549	650	433	UNKV		433	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1996	10.0	29.34	Expose/Verify, DIMP/TIMP	2018-2028
6554622	HPSS 6554622	250	3		1549	650	433	UNKV		433	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1996	27.0	29.34	Expose/Verify, DIMP/TIMP	2018-2028
6554623	HPSS 6554623	250	3		1549	650	433	UNKV		433	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1998	65.0	28.34	Expose/Verify, DIMP/TIMP	2018-2028
6554631	HPSS 6554631	250	3		1549	650	433	UNKV		433	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1999	36.0	27.84	Expose/Verify, DIMP/TIMP	2018-2028
6554635	HPSS 6554635	250	3		1549	650	433	UNKV		433	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	2000	11.0	27.34	Expose/Verify, DIMP/TIMP	2018-2028
6554705	HPSS 6554705	250	3		1549	610	406	UNKV		406	X	Service	UNVALID	1.05	0.113	24000	0.6	YES	NA	NA	4.84%	NA	1998	22.0	28.34	Expose/Verify, DIMP/TIMP	2018-2028
7789599637	HPSS 7789599637	250	3		2260	800	533	UNKV		533	X	Service	UNVALID	1.05	0.113	35000	0.6	YES	NA	NA	3.32%	NA	2014	53.0	14.82	Expose/Verify, DIMP/TIMP	2018-2028
8720430548	HPSS 8720430548	250	3		2260	800	533	UNKV		533	X	Service	UNVALID	1.05	0.113	35000	0.6	YES	NA	NA	3.32%	NA	2015	49.6	14.32	Expose/Verify, DIMP/TIMP	2018-2028
9019198110	HPSS 9019198110	250	3		2260	800	533	UNKV		533	X	Service	UNVALID	1.05	0.113	35000	0.6	YES	NA	NA	3.32%	NA	2013	42.0	15.32	Expose/Verify, DIMP/TIMP	2018-2028
162732	020-V-075	175	3		877	650	433	250		250	X		UNVALID	4.5	0.188	35000	0.6	NO	YES	YES	5.98%	5.62%	2009	60.0	28.98	DIMP/TIMP, Missing 192.517	2018-2019
23706	2" South Sunnyside H.P. Line	200	3		1056	750	500	NA		500	X		UNVALID	6.625	0.25	35000	0.8	NO	NO	YES	7.57%	4.41%	1975	3,177.2	51.07	DIMP/TIMP, Missing 192.517	2018-2019
31613	2" South Sunnyside H.P. Line	200	3		1193	600	400	1440		400	X		UNVALID	2.375	0.154	35000	0.6	NO	YES	YES	4.41%	5.03%	1985	465.2	41.03	DIMP/TIMP, Missing 192.517	2018-2019
20895	2" Sunnyside H.P. Line	200	3		641	750	500	1440		500	X		UNVALID	3.5	0.156	24000	0.6	NO	YES	YES	9.35%	5.03%	1972	1,303.4	58.35	DIMP/TIMP, Missing 192.517	2018-2019
21157	2" Sunnyside H.P. Line	200	3		1361	750	500	NA		500	X		UNVALID	2.375	0.154	35000	0.6	NO	NO	YES	4.41%	4.41%	1973	998.9	41.41	DIMP/TIMP, Missing 192.517	2018-2019
29852	3" Granger H.P. Line	175	3		1011	750	500	720		500	X		UNVALID	4.5	0.188	35000	0.8	NO	YES	YES	5.98%	6.92%	1982	94.9	43.42	DIMP/TIMP, Missing 192.517	2018-2019
46712	4" Grandview H.P. Line	250	3		499	600	400	720		400	X		UNVALID	8.625	0.25	35000	0.8	NO	YES	YES	12.32%	15.02%	1994	448.0	51.52	DIMP/TIMP, Missing 192.517	2018-2019
32388	4" Selah H.P. Line	250	3		1193	470	313	1440		313	X		UNVALID	2.375	0.154	35000	0.6	NO	YES	YES	5.51%	6.28%	1986	18.7	40.78	DIMP/TIMP, Missing 192.517	2018-2019
32731	4" Selah H.P. Line	250	3		1361	600	400	1440		400	X		UNVALID	2.375	0.154	35000	0.6	NO	NO	YES	5.51%	5.51%	1986	13.7	36.01	DIMP/TIMP, Missing 192.517	2018-2019
34191	4" Selah H.P. Line	250	3		1361	625	416	1440		416	X		UNVALID	2.375	0.154	35000	0.6	NO	NO	YES	5.51%	5.51%	1986	160.1	37.01	DIMP/TIMP, Missing 192.517	2018-2019
35948	4" Selah H.P. Line	250	3		1361	750	500	1440		500	X		UNVALID	2.375	0.154	35000	0.6	NO	NA	NA	5.51%	NA	1988	60.9	35.01	DIMP/TIMP, Missing 192.517	2018-2019
37216	4" Selah H.P. Line	250	3		1361	650	433	1440		433	X		UNVALID	2.375	0.154	35000	0.6	NO	NA	NA	5.51%	NA	1989	63.0	34.51	DIMP/TIMP, Missing 192.517	2018-2019
46583	4" Selah H.P. Line	250	3		1361	600	400	1440		400	X		UNVALID	2.375	0.154	35000	0.6	NO	NA	NA	5.51%	NA	1994	81.2	32.01	DIMP/TIMP, Missing 192.517	2018-2019
P0085306	4" Selah H.P. Line	250	3		1361	750	500	275		275	X		UNVALID	2.375	0.154	35000	0.6	NO	NA	NA	5.51%	NA	2008	75.0	25.01	DIMP/TIMP, Missing 192.517	2018-2019
44366	4" Selah H.P. Line (Inlet 032-R-034)	250	3		1361	650	433	1440		433	X		UNVALID	2.375	0.154	35000	0.6	NO	NO	YES	5.51%	5.51%	1993	64.8	32.51	DIMP/TIMP, Missing 192.517	2018-2019
20819	8" Yakima H.P. Line	200	3		418	700	466	720		418	X		UNVALID	4.5	0.188	35000	0.6	NO	YES	YES	6.84%	19.12%	1972	25.0	65.62	DIMP/TIMP, Missing 192.517	2018-2019
24188	8" Yakima H.P. Line	200	3		418	750	500	275		275	X		UNVALID	8.625	0.188	35000	0.8	NO	YES	YES	13.11%	19.12%	1978	331.0	63.62	DIMP/TIMP, Missing 192.517	2018-2019
52943	8" Yakima H.P. Line	200	3		499	625	416	720		416	X		UNVALID	8.625	0.25	35000	0.8	NO	YES	YES	9.86%	12.02%	1997	647.2	51.02	DIMP/TIMP, Missing 192.517	2018-2019
42292	Emerald Rd. Canal Crossing	200	3		877	600	400	720		400	X		UNVALID	4.5	0.188	35000	0.6	NO	NO	YES	6.84%	5.42%	1993	61.3	33.84	DIMP/TIMP, Missing 192.517	2018-2019
59550	Inlet 020-R-054	250	3		728	750	500	720		500	X		UNVALID	4.5	0.156	35000	0.6	NO	NO	YES	10.30%	10.30%	2000	29.5	38.80	DIMP/TIMP, Missing 192.517	2018-2019
18926	Inlet 020-R-025	175	3		499	700	466	1440		466	X		UNVALID	4.5	0.188	35000	0.6	NO	YES	YES	5.98%	10.52%	1971	24.5	57.52	DIMP/TIMP, Missing 192.517	2018-2019
33288	Inlet 032-R-001	200	3		1361	600	400	1440		400	X		UNVALID	2.375	0.154	35000	0.6	NO	NO	YES	4.41%	4.41%	1985	683.6	35.41	DIMP/TIMP, Missing 192.517	2018-2019
P0084568	Inlet 032-R-022	250	3		1361	760	506	1440		506	X		UNVALID	2.375	0.154	35000	0.6	NO	NO	YES	5.51%	5.51%	2008	12.0	25.01	DIMP/TIMP, Missing 192.517	2018-2019
41768	Inlet 032-R-031	250	3		1361	650	433	1440		433	X		UNVALID	2.375	0.154	35000	0.6	NO	NA	NA	5.51%	NA	1992	60.0	33.01	DIMP/TIMP, Missing 192.517	2018-2019
47008	Inlet 032-R-038	250	3		877	600	400	720		400	X		UNVALID	4.5	0.188	35000	0.6	NO	NO	YES	8.55%	6.78%	1994	133.2	36.05	DIMP/TIMP, Missing 192.517	2018-2019

Work Order #	Facility ID	Facility Type	Existing Inlet MAOP (psig)	Existing Outlet MAOP (psig)	Class Location (1,2,3,4)	Design Pressure 192.619 (a) (1) (psig)	Test Pressure (psig)	Test Pressure 192.619 (a) (2) (psig)	Pressure Class Rating (psig)	MAOP per 192.619 (psig)	MAOP Designation	Max % SMYS
24993	M&R 24993	Meter	366	NA	3	877	0	0	720	0	UNVALID	12.52%
25776	M&R 25776	Meter	100	NA	3	758	90	60	200	60	UNVALID	4.93%
44771	M&R 44771	Meter	150	NA	3	933	0	0	100	0	UNVALID	4.82%
CC000112	M&R CC000112	Meter	250	NA	3	933	0	0	200	0	UNVALID	8.03%
UNKV (009-O-001)	009-O-001	Odorizer	499	499	3	0	0	0	0	0	UNVALID	0.00%
17084	009-R-002	Regulator	150	60	3	499	0	0	200	0	UNVALID	11.01%
77C6818	009-R-004	Regulator	305	135	3	499	0	0	400	0	UNVALID	18.33%
77C6329	009-R-005	Regulator	135	25	3	499	0	0	200	0	UNVALID	8.11%
UNKV (009-R-006)	009-R-006	Regulator	305	150	3	499	0	0	720	0	UNVALID	18.33%
220070	009-R-012	Regulator	366	155	3	1106	600	400	720	400	VALID	9.93%
50205	009-R-011	Regulator	809	499	3	1045	750	500	720	500	UNVALID	19.09%
23798	009-R-016	Regulator	125	60	3	877	0	0	200	0	UNVALID	4.27%
UNKV (009-R-017)	009-R-017	Regulator	155	27	3	499	0	0	200	0	UNVALID	9.31%
UNKV (009-R-050)	009-R-050	Regulator	150	25	3	0	0	0	0	0	UNVALID	0.00%
189383	009-R-060	Regulator	150	25	3	499	375	250	275	250	VALID	9.01%
186538	009-R-057	Regulator	499	366	3	1205	750	500	720	500	VALID	16.55%
186534	009-R-056	Regulator	499	366	3	1205	1080	720	720	720	VALID	16.55%
186014	009-R-055	Regulator	499	366	3	933	1080	720	720	720	VALID	16.03%
411139	009-R-027	Regulator	499	60	3	1193	750	500	500	500	VALID	12.54%
29120	009-R-024	Regulator	150	60	3	3080	0	0	500	0	UNVALID	1.46%
13618	009-R-003	Regulator	150	60	3	933	0	0	200	0	UNVALID	4.82%
10C10441	009-R-013	Regulator	155	60	3	933	0	0	200	0	UNVALID	4.98%
14845	009-R-015	Regulator	366	125	3	877	0	0	200	0	UNVALID	12.52%
19560	009-R-018	Regulator	499	60	3	933	0	0	200	0	UNVALID	16.03%
41111	009-R-019	Regulator	499	60	3	1193	750	500	500	500	VALID	12.54%
22551	009-R-022	Regulator	155	60	3	933	0	0	200	0	UNVALID	4.98%
35969	009-R-028	Regulator	125	60	3	933	600	400	200	200	VALID	4.02%
38472	009-R-029	Regulator	125	60	3	933	300	200	200	200	VALID	4.02%
39578	009-R-030	Regulator	499	60	3	933	750	500	500	500	VALID	16.03%
40413	009-R-031	Regulator	150	60	3	1361	900	600	500	500	VALID	3.30%
40434	009-R-032	Regulator	499	60	3	933	750	500	500	500	VALID	16.03%
41471	009-R-033	Regulator	499	60	3	1193	750	500	500	500	VALID	12.54%
41638	009-R-034	Regulator	366	250	3	933	750	500	275	275	UNVALID	11.76%
41639	009-R-035	Regulator	250	60	3	499	600	400	275	275	VALID	15.02%
45257	009-R-036	Regulator	366	60	3	1193	750	500	500	500	VALID	9.20%
46523	009-R-037	Regulator	366	60	3	1193	750	500	500	500	VALID	9.20%
47605	009-R-038	Regulator	366	25	3	1106	750	500	500	500	VALID	9.93%
51988	009-R-039	Regulator	250	60	3	1361	600	400	300	300	VALID	5.51%
52603	009-R-040	Regulator	366	60	3	1361	750	500	500	500	VALID	8.06%
C0070593	009-R-043	Regulator	250	60	3	499	600	400	275	275	VALID	15.02%
C0073721	009-R-044	Regulator	125	25	3	933	0	0	275	0	UNVALID	4.02%
C0074247	009-R-045	Regulator	500	500	3	1361	750	500	500	500	VALID	11.02%
C0079649	009-R-046	Regulator	305	60	3	1361	900	600	800	600	VALID	6.72%
172887	009-R-053	Regulator	366	60	3	1820	750	500	500	500	VALID	6.03%
C0080671	009-R-054	Regulator	250	60	3	0	405	270	500	0	UNVALID	0.00%
189011-IN	009-R-059	Regulator	305	100	3	499	750	500	720	499	VALID	18.33%
189011-OUT	009-R-059	Regulator	100	100	3	499	750	500	275	275	VALID	6.01%
39870	009-R-021	Regulator	125	<= 60 psig	3	1361	600	400	400	400	VALID	2.75%
C0067138 (009-R-041)	009-R-041	Regulator	305	<= 60 psig	3	1106	750	500	740	500	VALID	8.27%
C0067138 (009-R-042)	009-R-042	Regulator	305	<= 60 psig	3	1106	750	500	740	500	VALID	8.27%

Work Order #	Facility ID	Facility Type	Existing Inlet MAOP (psig)	Existing Outlet MAOP (psig)	Class Location (1,2,3,4)	Design Pressure 192.619 (a) (1) (psig)	Test Pressure (psig)	Test Pressure 192.619 (a) (2) (psig)	Pressure Class Rating (psig)	MAOP per 192.619 (psig)	MAOP Designation	Max % SMYS
UNKNOWN (009-R-048)	009-R-048	Regulator	150	<= 60 psig	3	3080	0	0	500	0	UNVALID	1.46%
UNKNOWN (009-R-051)	009-R-051	Regulator	155	<= 60 psig	3	0	0	0	1000	0	UNVALID	0.00%
186757	009-R-058	Regulator	305	150	3	1164	750	500	740	500	VALID	7.86%
223505	009-R-061	Regulator	809	305	3	1106	525	350	740	350	UNVALID	21.94%
T0022504	009-V-060, 061, 062, 063	Valve Setting	499	499	3	0	0	0	0	0	UNVALID	0.00%
58317, 57697	009-V-060, 061, 062, 063	Valve Setting	499	499	3	856	1080	720	720	720	VALID	29.13%
50200 (V-54)	009-V-054	Valve Setting	499	499	3	1223	1080	720	720	720	VALID	16.31%
186016	009-V-089	Valve Setting	366	366	3	1553	750	500	720	500	VALID	9.43%
186015	009-V-088	Valve Setting	499	499	3	1569	1115	743	720	720	VALID	12.71%
50201	009-V-152, 153, 154, 155, 157, 158, 159, 160	Valve Setting	499	499	3	1045	1080	720	720	720	VALID	19.09%

Work Order #	Facility ID	Facility Type	Existing Inlet MAOP (psig)	Existing Outlet MAOP (psig)	Class Location (1,2,3,4)	Design Pressure 192.619 (a) (1) (psig)	Test Pressure (psig)	Test Pressure 192.619 (a) (2) (psig)	Pressure Class Rating (psig)	MAOP per 192.619 (psig)	MAOP Designation	Max % SMYS
190281	Conoco Phillips MSA	Meter	90	NA	3	376	275	183	100	100	VALID	9.56%
42515 (Meter)	Sumas Check Meter Station No. II	Meter	780	NA	3	780	850	566	800	566	UNVALID	40.00%
26955	Whitehorn	Meter	600	NA	3	656	900	600	270	270	UNVALID	36.57%
42492	Tenaska Cogen M&R	Meter	600	NA	3	787	900	600	720	600	VALID	30.48%
41502 (Meter)	Encogen M&R	Meter	250	NA	4	488	600	400	500	400	VALID	16.38%
28244	Depot Road	Meter	400	NA	3	877	600	400	400	400	VALID	13.68%
9021	Bellingham II Gate	Meter	600	NA	3	1549	900	600	800	600	VALID	11.62%
18136	WWU	Meter	150	NA	4	488	0	0	200	0	UNVALID	9.83%
A0084424	601 Front ST #A	Meter	170	NA	3	933	900	600	175	175	VALID	5.46%
15668 (Meter)	Seawest Industries M&R	Meter	150	NA	3	877	0	0	125	0	UNVALID	5.13%
28028	WWU	Meter	150	NA	4	884	235	156	275	156	VALID	4.07%
34751	Sumas Check Meter Station	Meter	150	NA	3	1106	0	0	275	0	UNVALID	4.07%
34941	Lynden Check Meter #1	Meter	150	NA	3	1106	375	250	275	250	VALID	4.07%
42515	005-O-009	Odorizer	780	780	3	1193	850	566	275	275	UNVALID	19.60%
188196	005-O-008	Odorizer	380	380	3	610	600	400	500	400	VALID	24.91%
UNKV (05-O-03)	005-O-003	Odorizer	250	250	3	499	0	0	720	0	UNVALID	15.02%
187460	005-O-007	Odorizer	145	145	3	1193	750	500	275	275	VALID	3.64%
12838	005-O-006	Odorizer	150	150	3	1361	0	0	400	0	UNVALID	3.30%
14483	005-O-004	Odorizer	155	155	3	1361	0	0	400	0	UNVALID	3.41%
12841	005-O-005	Odorizer	150	150	3	1361	0	0	400	0	UNVALID	3.30%
42109	005-R-109	Regulator	780	60	3	1361	1200	800	1440	800	VALID	17.18%
34456	005-R-087	Regulator	600	170	3	1106	900	600	400	400	UNVALID	16.27%
10C8244	005-R-005	Regulator	150	60	3	877	0	0	200	0	UNVALID	5.13%
20943	005-R-001	Regulator	150	34	3	499	0	0	200	0	UNVALID	9.01%
18049	005-R-007	Regulator	150	60	3	794	0	0	200	0	UNVALID	7.55%
17931	005-R-008	Regulator	150	34	4	635	0	0	200	0	UNVALID	7.55%
16252	005-R-004	Regulator	150	34	3	877	0	0	200	0	UNVALID	5.13%
162322	005-R-006	Regulator	150	34	3	933	600	400	200	200	VALID	4.82%
23886	005-R-013	Regulator	150	58	3	499	0	0	200	0	UNVALID	9.01%
A0080167	005-R-015	Regulator	150	27	3	1193	350	233	250	233	VALID	3.77%
59034	005-R-009	Regulator	150	60	4	0	0	0	0	0	UNVALID	0.00%
11406	005-R-018	Regulator	380	150	3	610	0	0	275	0	UNVALID	24.91%
58366	005-R-019	Regulator	380	60	3	933	600	400	500	400	VALID	12.21%
11246	005-R-020	Regulator	380	60	3	794	0	0	275	0	UNVALID	19.13%
22858	005-R-021	Regulator	600	60	3	933	0	0	200	0	UNVALID	19.28%
AA013576	005-R-022	Regulator	380	58	3	877	0	0	275	0	UNVALID	12.99%
14774	005-R-023	Regulator	380	58	3	794	0	0	275	0	UNVALID	19.13%
18737	005-R-026	Regulator	600	380	3	877	0	0	275	0	UNVALID	26.47%
12208	005-R-024	Regulator	380	60	3	933	0	0	400	0	UNVALID	12.21%
A0084829	005-R-025	Regulator	380	58	3	877	600	400	500	400	VALID	12.99%
UNKV(005-R-028)	005-R-028	Regulator	250	44	3	499	0	0	275	0	UNVALID	15.02%
14482	005-R-032	Regulator	155	60	3	877	0	0	200	0	UNVALID	5.30%
12842	005-R-033	Regulator	150	60	3	1361	0	0	200	0	UNVALID	3.30%
12839	005-R-037	Regulator	150	60	3	1361	0	0	200	0	UNVALID	3.30%
14090	005-R-038	Regulator	380	60	3	1361	0	0	200	0	UNVALID	8.37%
16695	005-R-030	Regulator	250	50	3	933	0	0	200	0	UNVALID	8.03%
31235	005-R-036	Regulator	250	60	3	933	600	400	500	400	VALID	8.03%
44278	005-R-042	Regulator	250	60	3	0	0	0	0	0	UNVALID	0.00%
21253	005-R-040	Regulator	600	60	3	1193	0	0	200	0	UNVALID	15.08%
58717	005-R-041	Regulator	600	150	3	877	0	0	200	0	UNVALID	20.52%

Work Order #	Facility ID	Facility Type	Existing Inlet MAOP (psig)	Existing Outlet MAOP (psig)	Class Location (1,2,3,4)	Design Pressure 192.619 (a) (1) (psig)	Test Pressure (psig)	Test Pressure 192.619 (a) (2) (psig)	Pressure Class Rating (psig)	MAOP per 192.619 (psig)	MAOP Designation	Max % SMYS
21799	005-R-043	Regulator	600	60	3	1193	0	0	200	0	UNVALID	15.08%
22159	005-R-044	Regulator	600	60	3	1361	0	0	200	0	UNVALID	13.22%
22244	005-R-048	Regulator	150	60	3	1361	0	0	200	0	UNVALID	3.30%
22214	005-R-046	Regulator	600	60	3	1361	0	0	200	0	UNVALID	13.22%
22141	005-R-047	Regulator	600	60	3	933	0	0	200	0	UNVALID	19.28%
58890	005-R-051	Regulator	150	32	3	1193	0	0	200	0	UNVALID	3.77%
15668	005-R-052	Regulator	150	150	3	933	0	0	200	0	UNVALID	4.82%
22594	005-R-049	Regulator	380	60	3	1361	0	0	275	0	UNVALID	8.37%
UNKV (005-R-057)	005-R-057	Regulator	250	60	3	1456	0	0	720	0	UNVALID	5.15%
480	005-R-050	Regulator	150	60	3	1193	0	0	200	0	UNVALID	3.77%
16497	005-R-058	Regulator	250	60	3	0	0	0	0	0	UNVALID	0.00%
46665	005-R-061	Regulator	380	60	3	1361	60	40	275	40	UNVALID	8.37%
25325	005-R-062	Regulator	380	60	3	1361	600	400	500	400	VALID	8.37%
25894	005-R-063	Regulator	600	60	3	1549	0	0	800	0	UNVALID	11.62%
54445	005-R-066	Regulator	400	60	3	877	1000	666	400	400	VALID	13.68%
165210	005-R-068	Regulator	380	60	3	794	600	400	400	400	VALID	19.13%
27341	005-R-070	Regulator	250	60	3	1193	450	300	275	275	VALID	6.28%
25568	005-R-064	Regulator	250	60	3	1549	0	0	500	0	UNVALID	4.84%
25797	005-R-065	Regulator	600	400	3	877	900	600	400	400	UNVALID	20.52%
29535	005-R-072	Regulator	250	60	3	933	375	250	275	250	VALID	8.03%
18403	005-R-075	Regulator	380	90	3	877	0	0	720	0	UNVALID	12.99%
25692	005-R-076	Regulator	150	60	3	3080	0	0	500	0	UNVALID	1.46%
1402955	005-R-072	Regulator	250	60	3	0	0	0	0	0	UNVALID	0.00%
29595	005-R-073	Regulator	600	60	3	877	900	600	720	600	VALID	20.52%
AA004819	005-R-078	Regulator	250	60	3	641	375	250	275	250	VALID	11.69%
33212	005-R-077	Regulator	145	60	3	1193	600	400	200	200	VALID	3.64%
56948	005-R-082	Regulator	600	60	3	1106	900	600	720	600	VALID	16.27%
33762	005-R-079	Regulator	600	250	3	877	900	600	400	400	UNVALID	20.52%
50002	005-R-081	Regulator	250	60	3	0	0	0	0	0	UNVALID	0.00%
34140	005-R-084	Regulator	380	60	3	933	600	400	500	400	VALID	12.21%
34597	005-R-089	Regulator	600	60	3	1361	900	600	720	600	VALID	13.22%
35231	005-R-092	Regulator	150	60	3	933	300	200	200	200	VALID	4.82%
59764	005-R-091	Regulator	250	60	3	641	600	400	275	275	VALID	11.69%
36387	005-R-093	Regulator	600	60	3	1193	900	600	800	600	VALID	15.08%
36793	005-R-094	Regulator	600	60	3	1106	900	600	200	200	UNVALID	16.27%
37614	005-R-097	Regulator	250	60	3	1193	750	500	275	275	VALID	6.28%
37836	005-R-098	Regulator	250	60	3	1361	600	400	275	275	VALID	5.51%
1490125	005-R-098	Regulator	250	60	3	0	0	0	0	0	UNVALID	0.00%
38944	005-R-099	Regulator	600	60	3	1193	900	600	800	600	VALID	15.08%
40741	005-R-101	Regulator	380	60	3	933	600	400	500	400	VALID	12.21%
41011	005-R-103	Regulator	600	60	3	1193	900	600	800	600	VALID	15.08%
41395	005-R-104	Regulator	250	60	3	1193	600	400	275	275	VALID	6.28%
1291800	005-R-104	Regulator	250	60	3	0	0	0	0	0	UNVALID	0.00%
41676	005-R-105	Regulator	250	60	3	933	600	400	500	400	VALID	8.03%
41622	005-R-106	Regulator	600	60	3	1193	900	600	200	200	UNVALID	15.08%
43625	005-R-107	Regulator	600	60	3	1193	900	600	800	600	VALID	15.08%
41940	005-R-108	Regulator	170	60	3	1193	600	400	200	200	VALID	4.27%
42052	005-R-110	Regulator	780	60	3	1361	1200	800	1440	800	VALID	17.18%
41167	005-R-111	Regulator	250	60	3	877	600	400	275	275	VALID	8.55%
41504	005-R-113	Regulator	380	250	3	811	600	400	720	400	VALID	18.73%

Work Order #	Facility ID	Facility Type	Existing Inlet MAOP (psig)	Existing Outlet MAOP (psig)	Class Location (1,2,3,4)	Design Pressure 192.619 (a) (1) (psig)	Test Pressure (psig)	Test Pressure 192.619 (a) (2) (psig)	Pressure Class Rating (psig)	MAOP per 192.619 (psig)	MAOP Designation	Max % SMYS
44841	005-R-115	Regulator	380	34	3	1106	600	400	720	400	VALID	10.31%
42514	005-R-116	Regulator	780	600	3	780	1170	780	720	720	UNVALID	40.00%
44543	005-R-119	Regulator	380	60	3	1193	600	400	400	400	VALID	9.55%
45949	005-R-121	Regulator	380	58	3	758	600	400	400	400	VALID	15.03%
45979	005-R-122	Regulator	380	60	3	1106	600	400	400	400	VALID	10.31%
47669	005-R-125	Regulator	600	60	3	933	900	600	720	600	VALID	19.28%
47811	005-R-126	Regulator	400	60	3	933	600	400	720	400	VALID	12.85%
48257	005-R-127	Regulator	150	60	3	933	600	400	200	200	VALID	4.82%
50222	005-R-128	Regulator	150	60	3	877	600	400	200	200	VALID	5.13%
1380	005-R-128	Regulator	400	60	3	0	0	0	0	0	UNVALID	0.00%
51217	005-R-130	Regulator	600	60	3	1361	900	600	800	600	VALID	13.22%
34457	005-R-088	Regulator	170	40	3	877	375	250	200	200	VALID	5.81%
53164	005-R-131	Regulator	250	60	3	499	600	400	200	200	UNVALID	18.35%
53447	005-R-133	Regulator	600	58	3	1106	750	500	720	500	UNVALID	16.27%
55654	005-R-134	Regulator	780	60	3	1361	900	600	800	600	UNVALID	17.18%
47593	005-R-135	Regulator	150	34	3	499	305	203	275	203	VALID	11.01%
55462	005-R-137	Regulator	600	60	3	499	900	600	720	499	UNVALID	36.06%
41502	005-R-114	Regulator	250	250	3	564	600	400	150	150	UNVALID	17.71%
56120	005-R-138	Regulator	380	60	3	933	600	400	500	400	VALID	12.21%
59466	005-R-140	Regulator	250	34	4	399	600	400	275	275	VALID	15.02%
AA003824	005-R-141	Regulator	150	60	3	499	375	250	275	250	VALID	9.01%
AA003825	005-R-142	Regulator	150	60	3	499	750	500	275	275	VALID	9.01%
AA000668	005-R-144	Regulator	250	60	4	399	600	400	275	275	VALID	15.02%
A0066250	005-R-145	Regulator	380	60	3	933	750	500	500	500	VALID	12.21%
209767	005-R-171	Regulator	960	380	3	1106	750	500	720	500	UNVALID	31.38%
27230	005-R-069	Regulator	250	<= 60 psig	3	877	100	66	400	66	UNVALID	8.55%
233264	005-R-173	Regulator	250	<= 60 psig	3	1106	600	400	740	400	VALID	6.78%
A0066711	005-R-146	Regulator	250	60	3	933	600	400	500	400	VALID	8.03%
UNKV (005-R-147)	005-R-147	Regulator	250	60	3	0	0	0	0	0	UNVALID	0.00%
A0066752	005-R-148	Regulator	250	60	4	746	600	400	500	400	VALID	8.03%
AA00172	005-R-149	Regulator	600	60	3	933	750	500	500	500	UNVALID	19.28%
A0071659	005-R-151	Regulator	600	60	3	933	900	600	800	600	VALID	19.28%
AA004862	005-R-152	Regulator	600	60	3	933	900	600	800	600	VALID	19.28%
AA005324	005-R-153	Regulator	250	60	4	746	600	400	500	400	VALID	8.03%
A0078424	005-R-154	Regulator	380	60	3	1361	600	400	400	400	VALID	8.37%
A0078097	005-R-155	Regulator	600	60	3	1361	900	600	800	600	VALID	13.22%
AA009292	005-R-156	Regulator	250	60	3	933	700	466	500	466	VALID	8.03%
A0081220	005-R-157	Regulator	150	60	3	1106	375	250	500	250	VALID	4.07%
1402832	005-R-159	Regulator	250	60	3	0	450	300	0	0	UNVALID	0.00%
AA013271	005-R-161	Regulator	380	58	3	641	750	500	720	500	VALID	17.76%
163890	005-R-163	Regulator	600	60	3	1106	90	60	300	60	UNVALID	16.27%
171155	005-R-164	Regulator	380	60	3	1960	0	0	500	0	UNVALID	5.82%
180093	005-R-166	Regulator	380	150	3	1106	750	500	275	275	UNVALID	10.31%
194878	005-R-167	Regulator	150	60	4	0	0	0	0	0	UNVALID	0.00%
196032	005-R-169	Regulator	380	250	3	758	750	500	720	500	VALID	15.03%
196033	005-R-170	Regulator	250	58	3	1106	750	500	275	275	VALID	8.45%
18794	005-V-010	Valve Setting	600	600	3	877	930	620	720	620	VALID	20.52%
41501	005-V-092	Valve Setting	380	380	3	811	600	400	720	400	VALID	18.73%
41506	005-V-093	Valve Setting	380	380	3	811	600	400	720	400	VALID	18.73%
224325	005-V-258	Valve Setting	600	600	3	1193	900	600	720	600	VALID	15.08%

Work Order #	Facility ID	Facility Type	Existing Inlet MAOP (psig)	Existing Outlet MAOP (psig)	Class Location (1,2,3,4)	Design Pressure 192.619 (a) (1) (psig)	Test Pressure (psig)	Test Pressure 192.619 (a) (2) (psig)	Pressure Class Rating (psig)	MAOP per 192.619 (psig)	MAOP Designation	Max % SMYS
41505	005-V-094	Valve Setting	250	250	4	652	600	400	720	400	VALID	12.26%
27163	005-V-039	Valve Setting	380	380	3	933	600	400	500	400	VALID	12.21%
33194	005-V-050	Valve Setting	250	250	3	1052	375	250	400	250	VALID	7.12%
AA000801 (005-V-050)	005-V-050	Valve Setting	250	250	3	1106	600	400	0	0	UNVALID	6.78%
27205	005-V-044	Valve Setting	250	250	3	2269	450	300	400	300	VALID	5.51%
29722	005-V-045	Valve Setting	150	150	3	933	250	166	400	166	VALID	4.82%
11406 (Valve)	005-V-001	Valve Setting	380	150	3	418	0	0	1440	0	UNVALID	36.32%
AA000894	005-V-168	Valve Setting	250	250	3	499	600	400	720	400	VALID	15.02%
27342	005-V-042	Valve Setting	250	250	3	0	450	300	400	0	UNVALID	0.00%
39957	005-V-075	Valve Setting	150	150	3	0	300	200	0	0	UNVALID	0.00%
54421	005-V-139	Valve Setting	150	150	3	0	305	203	720	0	UNVALID	0.00%
59026	005-V-178	Valve Setting	150	150	4	0	300	200	720	0	UNVALID	0.00%
21515	005-V-123	Valve Setting	600	600	3	1361	900	600	1440	600	VALID	13.22%
215129	005-V-253	Valve Setting	380	380	3	1052	634	422	720	422	VALID	10.83%
AA000801 (005-V-165)	005-V-165	Valve Setting	250	250	4	884	600	400	720	400	VALID	6.78%
163891 (005-V-204)	005-V-204	Valve Setting	600	600	3	0	900	600	720	0	UNVALID	0.00%
34405 (005-V-055)	005-V-055	Valve Setting	600	600	3	0	900	600	720	0	UNVALID	0.00%
34405 (005-V-056)	005-V-056	Valve Setting	170	170	3	0	375	250	400	0	UNVALID	0.00%
PRE-CNG	005-V-002	Valve Setting	150	150	3	0	0	0	720	0	UNVALID	0.00%
44414 (005-V-107)	005-V-107	Valve Setting	250	250	3	0	760	506	720	0	UNVALID	0.00%
44414 (005-V-112)	005-V-112	Valve Setting	250	250	3	0	760	506	720	0	UNVALID	0.00%
AA004166	005-V-162	Valve Setting	150	150	3	0	750	500	720	0	UNVALID	0.00%

Work Order #	Facility ID	Facility Type	Existing Inlet MAOP (psig)	Existing Outlet MAOP (psig)	Class Location (1,2,3,4)	Design Pressure 192.619 (a) (1) (psig)	Test Pressure (psig)	Test Pressure 192.619 (a) (2) (psig)	Pressure Class Rating (psig)	MAOP per 192.619 (psig)	MAOP Designation	Max % SMYS
47761	PUGET SOUND NAVAL SHIPYARD	Meter	400	NA	3	823	850	566	720	566	VALID	19.43%
45014	SUBBASE BLDG NO. 2800	Meter	400	NA	3	641	600	400	400	400	VALID	18.70%
45012	BANGOR NAVAL SUBMARINE BASE	Meter	250	NA	3	499	600	400	400	400	VALID	15.02%
B0071949	CHICO CHECK METER	Meter	325	NA	3	1056	0	0	720	0	UNVALID	12.30%
16160	008-R-007	Regulator	499	60	3	877	0	0	200	0	UNVALID	17.06%
13350	008-R-008	Regulator	170	60	3	933	0	0	200	0	UNVALID	5.46%
45211	008-R-009	Regulator	499	170	3	933	750	500	720	500	VALID	16.03%
41114	008-R-006	Regulator	499	60	3	1361	750	500	500	500	VALID	10.99%
51772	008-R-017	Regulator	499	250	3	888	750	500	720	500	VALID	19.09%
16443	008-R-019	Regulator	250	60	3	933	0	0	200	0	UNVALID	8.03%
20C10484	008-R-021	Regulator	250	35	3	1361	0	0	200	0	UNVALID	5.51%
20387 (008-R-023)	008-R-023	Regulator	499	60	3	877	750	500	500	500	VALID	17.06%
51773	008-R-022	Regulator	250	144	3	499	600	400	275	275	VALID	16.38%
23416	008-R-024	Regulator	250	60	3	877	114	76	200	76	UNVALID	8.55%
55656	008-R-026	Regulator	144	60	3	499	90	60	200	60	UNVALID	10.57%
23419	008-R-025	Regulator	144	60	3	933	100	66	200	66	UNVALID	4.63%
24685	008-R-027	Regulator	499	60	3	933	0	0	200	0	UNVALID	16.03%
41117	008-R-028	Regulator	499	250	3	794	750	500	720	500	VALID	25.12%
25874	008-R-032	Regulator	170	60	3	877	375	250	200	200	VALID	5.81%
33943	008-R-035	Regulator	170	60	3	933	400	266	275	266	VALID	5.46%
35209	008-R-036	Regulator	170	60	3	933	600	400	200	200	VALID	5.46%
35853	008-R-038	Regulator	250	60	3	933	275	183	200	183	UNVALID	8.03%
40247	008-R-040	Regulator	499	60	3	1361	750	500	500	500	VALID	10.99%
40491	008-R-041	Regulator	250	60	3	499	600	400	275	275	VALID	15.02%
40559	008-R-042	Regulator	250	60	3	499	600	400	275	275	VALID	15.02%
41027	008-R-044	Regulator	250	60	3	1361	600	400	400	400	VALID	5.51%
41029	008-R-045	Regulator	250	60	3	1361	600	400	500	400	VALID	5.51%
41031	008-R-046	Regulator	250	60	3	1361	600	400	300	300	VALID	5.51%
41033	008-R-047	Regulator	250	60	3	1361	600	400	300	300	VALID	5.51%
41035	008-R-048	Regulator	250	60	3	1361	600	400	300	300	VALID	5.51%
41037	008-R-049	Regulator	250	60	3	1361	600	400	300	300	VALID	5.51%
41039	008-R-050	Regulator	250	60	3	0	600	400	0	0	UNVALID	0.00%
41041	008-R-051	Regulator	250	60	3	499	600	400	275	275	VALID	15.02%
41043	008-R-052	Regulator	250	60	3	2260	600	400	500	400	VALID	3.32%
41045	008-R-053	Regulator	250	60	3	1361	600	400	300	300	VALID	5.51%
41047	008-R-054	Regulator	250	60	3	1361	600	400	500	400	VALID	5.51%
41049	008-R-055	Regulator	250	60	3	1361	600	400	500	400	VALID	5.51%
41051	008-R-056	Regulator	250	60	3	1361	600	400	400	400	VALID	5.51%
41053	008-R-057	Regulator	250	60	3	1361	600	400	300	300	VALID	5.51%
41055	008-R-058	Regulator	250	60	3	1361	600	400	300	300	VALID	5.51%
41057	008-R-059	Regulator	250	60	3	1361	600	400	300	300	VALID	5.51%
41059	008-R-060	Regulator	250	60	3	1361	600	400	300	300	VALID	5.51%
41061	008-R-061	Regulator	250	60	3	1361	600	400	400	400	VALID	5.51%
41063	008-R-062	Regulator	250	60	3	1361	600	400	300	300	VALID	5.51%
41065	008-R-063	Regulator	250	60	3	2112	600	400	500	400	VALID	3.55%
41067	008-R-064	Regulator	250	60	3	499	600	400	275	275	VALID	15.02%
UNKV (008-R-064)	008-R-064	Regulator	250	60	3	0	0	0	0	0	UNVALID	0.00%
41070	008-R-065	Regulator	250	60	3	1361	600	400	400	400	VALID	5.51%
41072	008-R-066	Regulator	250	60	3	1361	600	400	400	400	VALID	5.51%

Work Order #	Facility ID	Facility Type	Existing Inlet MAOP (psig)	Existing Outlet MAOP (psig)	Class Location (1,2,3,4)	Design Pressure 192.619 (a) (1) (psig)	Test Pressure (psig)	Test Pressure 192.619 (a) (2) (psig)	Pressure Class Rating (psig)	MAOP per 192.619 (psig)	MAOP Designation	Max % SMYS
41074	008-R-067	Regulator	250	60	3	1361	600	400	500	400	VALID	5.51%
41076	008-R-068	Regulator	250	60	3	499	600	400	275	275	VALID	15.02%
41078	008-R-069	Regulator	250	60	3	1361	600	400	400	400	VALID	5.51%
41080	008-R-070	Regulator	250	60	3	1361	600	400	400	400	VALID	5.51%
41082	008-R-071	Regulator	250	60	3	1361	600	400	400	400	VALID	5.51%
41084	008-R-072	Regulator	250	60	3	1361	0	0	200	0	UNVALID	5.51%
41086	008-R-073	Regulator	250	60	3	1361	600	400	300	300	VALID	5.51%
41088	008-R-074	Regulator	250	60	3	1361	600	400	300	300	VALID	5.51%
41093	008-R-076	Regulator	250	60	3	1361	600	400	400	400	VALID	5.51%
41099	008-R-079	Regulator	250	60	3	1361	600	400	300	300	VALID	5.51%
41101	008-R-080	Regulator	250	60	3	2260	600	400	500	400	VALID	3.32%
41103	008-R-081	Regulator	250	60	3	1361	600	400	400	400	VALID	5.51%
41105	008-R-082	Regulator	250	60	3	1361	600	400	300	300	VALID	5.51%
41155	008-R-084	Regulator	250	60	3	1361	600	400	500	400	VALID	5.51%
41314	008-R-085	Regulator	250	60	3	1361	600	400	500	400	VALID	5.51%
41348	008-R-086	Regulator	250	60	3	1361	600	400	300	300	VALID	5.51%
41972	008-R-087	Regulator	250	60	3	1361	600	400	500	400	VALID	5.51%
42142	008-R-089	Regulator	250	60	3	1361	600	400	500	400	VALID	5.51%
42393	008-R-091	Regulator	250	60	3	1361	600	400	500	400	VALID	5.51%
43558	008-R-096	Regulator	250	60	3	1361	600	400	400	400	VALID	5.51%
44742	008-R-098	Regulator	250	60	3	1361	600	400	500	400	VALID	5.51%
45089	008-R-099	Regulator	250	60	3	1361	600	400	300	300	VALID	5.51%
45246	008-R-101	Regulator	170	60	3	1361	600	400	500	400	VALID	3.75%
46427	008-R-102	Regulator	499	60	3	1361	750	500	500	500	VALID	10.99%
46594	008-R-103	Regulator	250	60	3	1361	600	400	500	400	VALID	5.51%
47828	008-R-104	Regulator	170	60	3	1361	600	400	200	200	VALID	3.75%
48281	008-R-105	Regulator	250	60	3	1361	600	400	300	300	VALID	5.51%
49478	008-R-108	Regulator	250	60	3	1361	750	500	500	500	VALID	5.51%
49714	008-R-109	Regulator	170	60	3	499	750	500	200	200	VALID	10.22%
49795	008-R-110	Regulator	170	60	3	1361	750	500	200	200	VALID	3.75%
51685	008-R-111	Regulator	170	60	3	933	600	400	200	200	VALID	5.46%
53132	008-R-113	Regulator	170	60	3	499	750	500	200	200	VALID	10.22%
53884	008-R-115	Regulator	170	60	3	1361	750	500	200	200	VALID	3.75%
54836	008-R-116	Regulator	250	60	3	1361	0	0	500	0	UNVALID	5.51%
60124	008-R-119	Regulator	250	60	3	2260	750	500	500	500	VALID	3.32%
60112	008-R-120	Regulator	499	60	3	1361	750	500	500	500	VALID	10.99%
B0073116 (008-R-122)	008-R-122	Regulator	250	60	3	499	740	493	275	275	VALID	15.02%
B0074271	008-R-123	Regulator	499	60	3	1361	750	500	500	500	VALID	10.99%
45222	008-R-124	Regulator	150	NA	3	499	750	500	275	275	VALID	11.01%
B0080216	008-R-124	Regulator	170	60	3	933	750	500	275	275	VALID	5.46%
B0074126	008-R-125	Regulator	499	60	3	2260	750	500	500	500	VALID	6.62%
B0072657	008-R-126	Regulator	499	60	3	2260	750	500	500	500	VALID	6.62%
B0078444	008-R-127	Regulator	499	60	3	877	750	500	720	500	VALID	17.06%
UNKV (008-R-128)	008-R-128	Regulator	499	60	3	0	0	0	0	0	UNVALID	0.00%
1700307	008-R-129	Regulator	170	60	3	0	100	66	0	0	UNVALID	0.00%
UNKV (008-R-129)	008-R-129	Regulator	170	60	3	0	0	0	0	0	UNVALID	0.00%
2000104	008-R-130	Regulator	250	60	3	0	600	400	0	0	UNVALID	0.00%
2000134	008-R-131	Regulator	250	60	3	0	600	400	0	0	UNVALID	0.00%
2001251	008-R-132	Regulator	250	60	3	0	750	500	0	0	UNVALID	0.00%
UNKV (008-R-133)	008-R-133	Regulator	250	60	3	0	0	0	0	0	UNVALID	0.00%

Work Order #	Facility ID	Facility Type	Existing Inlet MAOP (psig)	Existing Outlet MAOP (psig)	Class Location (1,2,3,4)	Design Pressure 192.619 (a) (1) (psig)	Test Pressure (psig)	Test Pressure 192.619 (a) (2) (psig)	Pressure Class Rating (psig)	MAOP per 192.619 (psig)	MAOP Designation	Max % SMYS
1951003	008-R-134	Regulator	170	60	3	0	120	80	0	0	UNVALID	0.00%
1577136	008-R-135	Regulator	250	60	3	0	750	500	0	0	UNVALID	0.00%
UNKV (008-R-135)	008-R-135	Regulator	250	60	3	0	0	0	0	0	UNVALID	0.00%
2001765	008-R-138	Regulator	250	60	3	0	750	500	0	0	UNVALID	0.00%
1703539	008-R-139	Regulator	250	60	3	0	100	66	0	0	UNVALID	0.00%
178845	008-R-145	Regulator	250	60	3	0	750	500	0	0	UNVALID	0.00%
1510070	008-R-146	Regulator	170	60	3	0	120	80	0	0	UNVALID	0.00%
201253	008-R-151	Regulator	250	60	3	0	750	500	0	0	UNVALID	0.00%
218194	008-R-153	Regulator	250	60	3	0	745	496	0	0	UNVALID	0.00%
228923	008-R-156	Regulator	250	30	3	0	750	500	0	0	UNVALID	0.00%
UNKV (008-R-136)	008-R-136	Regulator	499	60	3	0	0	0	0	0	UNVALID	0.00%
BB005015	008-R-137	Regulator	250	60	3	0	0	0	0	0	UNVALID	0.00%
163399	008-R-141	Regulator	144	60	3	499	600	400	275	275	VALID	8.65%
UNKV (008-R-142)	008-R-142	Regulator	250	60	3	0	0	0	0	0	UNVALID	0.00%
UNKV (008-R-143)	008-R-143	Regulator	250	60	3	0	0	0	0	0	UNVALID	0.00%
174704	008-R-144	Regulator	499	60	3	1820	750	500	500	500	VALID	8.22%
198153	008-R-147	Regulator	170	60	3	1361	750	500	250	250	VALID	3.75%
UNKV (008-R-148)	008-R-148	Regulator	250	60	3	0	0	0	0	0	UNVALID	0.00%
186076	008-R-149	Regulator	250	60	3	1820	750	500	500	500	VALID	4.12%
186766	008-R-150	Regulator	175	60	3	1361	375	250	200	200	VALID	3.86%
226327	008-R-155	Regulator	250	60	3	1052	640	426	720	426	VALID	7.12%
UNKV (008-R-082)	08-R-082	Regulator	250	60	3	0	0	0	0	0	UNVALID	0.00%
41077	008-V-081	Valve Setting	250	60	3	794	600	400	275	275	VALID	12.59%
50201	008-V-158,159,160	Valve Setting	499	499	3	1045	1080	720	720	720	VALID	19.09%
20387 (008-V-031)	008-V-031	Valve Setting	499	60	3	877	750	500	500	500	VALID	17.06%
53128	008-V-170	Valve Setting	170	170	3	544	750	500	720	500	VALID	12.48%
B0073116 (008-V-184)	008-V-184	Valve Setting	250	60	3	1056	740	493	720	493	VALID	9.46%
B0073116 (008-V-185)	008-V-185	Valve Setting	250	60	3	933	740	493	720	493	VALID	9.46%
44274	008-V-129	Valve Setting	170	170	3	933	750	500	720	500	VALID	6.44%
210812	008-V-250	Valve Setting	170	170	3	933	660	440	720	440	VALID	5.75%
49319	008-V-147,148,149	Valve Setting	170	170	3	933	600	400	720	400	VALID	5.46%
53133	008-V-168	Valve Setting	170	NA	3	933	750	500	720	500	VALID	5.46%
45440	008-V-130	Valve Setting	170	170	3	1106	750	500	720	500	VALID	4.61%

KENNEWICK DISTRICT
State of Washington

Attachment 2
Facility MAOP Summary

Cascade Natural Gas

Work Order #	Facility ID	Facility Type	Existing Inlet MAOP (psig)	Existing Outlet MAOP (psig)	Class Location (1,2,3,4)	Design Pressure 192.619 (a) (1) (psig)	Test Pressure (psig)	Test Pressure 192.619 (a) (2) (psig)	Pressure Class Rating (psig)	MAOP per 192.619 (psig)	MAOP Designation	Max % SMYS
38509	M&R 38509	Meter	150	NA	3	1045	225	150	100	100	UNVALID	5.74%
15281	M&R 15281	Meter	200	NA	3	877	0	0	200	0	UNVALID	6.84%
51880	M&R 51880	Meter	300	NA	3	908	600	400	275	275	UNVALID	13.20%
53237	M&R 53237	Meter	250	NA	3	758	750	500	275	275	VALID	9.89%
39727	M&R 39727	Meter	250	NA	3	1106	750	500	720	500	VALID	8.45%
D0085404	M&R D0085404	Meter	200	NA	3	0	225	150	200	0	UNVALID	0.00%
28788	023-O-007	Odorizer	400	400	3	1106	600	400	400	400	VALID	10.85%
39726	023-O-003	Odorizer	250	250	3	1183	750	500	275	275	VALID	8.45%
15604	023-O-001	Odorizer	200	200	3	758	0	0	275	0	UNVALID	7.91%
227280	023-O-001	Odorizer	200	200	3	0	750	500	1440	0	UNVALID	0.00%
214539	023-R-120	Regulator	250	60	3	1106	750	500	720	500	VALID	6.78%
31050	023-R-029	Regulator	300	60	3	685	600	400	300	300	VALID	13.14%
DD000273	023-R-079	Regulator	250	55	3	0	600	400	0	0	UNVALID	0.00%
52153	023-R-056	Regulator	500	60	3	1106	750	500	500	500	VALID	13.56%
48813	023-R-048	Regulator	300	60	3	1106	600	400	720	400	VALID	10.14%
51504	023-R-053	Regulator	250	55	3	758	600	400	275	275	VALID	9.89%
194550	023-R-114	Regulator	300	60	3	758	750	500	720	500	VALID	11.87%
58506	023-R-073	Regulator	250	60	3	758	750	500	275	275	VALID	9.89%
198521	023-R-026	Regulator	300	60	3	758	600	400	400	400	VALID	11.87%
200521	023-R-116	Regulator	500	100	3	1296	750	500	720	500	VALID	11.57%
12613	023-R-016	Regulator	250	60	3	685	0	0	100	0	UNVALID	10.95%
177457	023-R-111	Regulator	250	60	3	758	750	500	275	275	VALID	9.89%
172439	023-R-104	Regulator	250	60	3	1106	750	500	275	275	VALID	8.45%
184453	023-R-015	Regulator	250	60	3	1106	750	500	275	275	VALID	8.45%
11140	023-R-010	Regulator	300	150	3	1106	450	300	200	200	UNVALID	8.14%
15799	023-R-001	Regulator	300	60	3	1106	722	515	500	500	VALID	8.14%
56258	023-R-068	Regulator	300	60	3	933	600	400	720	400	VALID	9.64%
161237	023-R-101	Regulator	300	60	3	933	600	400	300	300	VALID	9.64%
208908	023-R-118	Regulator	300	175	3	933	750	500	400	400	VALID	9.64%
29278	023-R-026	Regulator	300	60	3	1106	450	300	400	300	VALID	8.14%
42449	023-R-037	Regulator	300	60	3	1106	600	400	300	300	VALID	8.14%
49792	023-R-040	Regulator	300	60	3	1106	600	400	720	400	VALID	8.14%
54158	023-R-060	Regulator	300	60	3	1106	600	400	720	400	VALID	8.14%
16257	023-R-017	Regulator	250	60	3	933	0	0	100	0	UNVALID	8.03%
35682	023-R-031	Regulator	250	60	3	933	750	500	300	300	VALID	8.03%
47893	023-R-044	Regulator	250	60	3	1106	600	400	275	275	VALID	6.78%
4740096	023-R-103	Regulator	300	60	3	1193	1110	740	720	720	VALID	7.54%
36421	023-R-014	Regulator	250	60	3	1106	600	400	250	250	VALID	6.78%
59844	023-R-077	Regulator	250	60	3	1106	750	500	275	275	VALID	6.78%
163646	023-R-095	Regulator	250	59	3	1106	750	500	250	250	VALID	6.78%
28041	023-R-025	Regulator	300	60	3	1361	100	66	200	66	UNVALID	6.61%
30370	023-R-028	Regulator	300	60	3	1361	600	400	400	400	VALID	6.61%
35527	023-R-030	Regulator	300	60	3	1361	600	400	300	300	VALID	6.61%
55912	023-R-067	Regulator	300	60	3	1361	600	400	500	400	VALID	6.61%
56872	023-R-069	Regulator	300	60	3	1361	600	400	500	400	VALID	6.61%
59739	023-R-078	Regulator	300	60	3	1361	0	0	500	0	UNVALID	6.61%
194008	023-R-115	Regulator	300	158	3	1361	600	400	720	400	VALID	6.61%
25473	023-R-019	Regulator	250	60	3	1361	0	0	200	0	UNVALID	5.51%
48291	023-R-045	Regulator	250	60	3	1361	600	400	300	300	VALID	5.51%
49724	023-R-049	Regulator	250	55	3	1361	600	400	300	300	VALID	5.51%

Work Order #	Facility ID	Facility Type	Existing Inlet MAOP (psig)	Existing Outlet MAOP (psig)	Class Location (1,2,3,4)	Design Pressure 192.619 (a) (1) (psig)	Test Pressure (psig)	Test Pressure 192.619 (a) (2) (psig)	Pressure Class Rating (psig)	MAOP per 192.619 (psig)	MAOP Designation	Max % SMYS
28321	023-R-023	Regulator	250	60	3	1361	750	500	275	275	VALID	5.51%
42764	023-R-038	Regulator	250	60	3	1361	750	500	300	300	VALID	5.51%
49758	023-R-050	Regulator	250	60	3	1361	750	500	500	500	VALID	5.51%
53588	023-R-061	Regulator	250	60	3	1361	750	500	500	500	VALID	5.51%
53690	023-R-059	Regulator	250	60	3	1361	750	500	300	300	VALID	5.51%
55747	023-R-066	Regulator	250	60	3	1361	600	400	500	400	VALID	5.51%
58823	023-R-075	Regulator	250	60	3	1361	600	400	500	400	VALID	5.51%
54540	023-R-064	Regulator	250	60	3	1361	750	500	300	300	VALID	5.51%
54792	023-R-065	Regulator	250	60	3	1361	600	400	500	400	VALID	5.51%
59253	023-R-076	Regulator	250	60	3	1361	750	500	300	300	VALID	5.51%
166068	023-R-102	Regulator	250	60	3	1361	750	500	250	250	VALID	5.51%
163136	023-R-108	Regulator	250	60	3	1456	500	333	500	333	VALID	5.15%
180655	023-R-112	Regulator	250	60	3	1456	800	533	500	500	VALID	5.15%
45596	023-R-039	Regulator	250	60	3	1549	750	500	500	500	VALID	4.84%
30947	023-R-024	Regulator	200	60	3	1361	375	250	200	200	VALID	4.41%
52223	023-R-055	Regulator	200	60	3	1361	375	250	200	200	VALID	4.41%
189413	023-R-113	Regulator	150	55	3	0	0	0	0	0	UNVALID	0.00%
238750	023-R-007	Regulator	300	55	3	0	0	0	275	0	UNVALID	0.00%
239665	023-R-007	Regulator	300	55	3	0	750	500	400	0	UNVALID	0.00%
5C2565	023-R-006	Regulator	300	33	3	0	0	0	300	0	UNVALID	0.00%
D0067264	023-R-083	Regulator	250	60	3	0	600	400	500	0	UNVALID	0.00%
D0070621	023-R-084	Regulator	250	60	3	0	600	400	500	0	UNVALID	0.00%
D0070753	023-R-085	Regulator	250	60	3	0	750	500	275	0	UNVALID	0.00%
D0075204	023-R-086	Regulator	250	60	3	0	750	500	275	0	UNVALID	0.00%
D0077899	023-R-087	Regulator	250	60	3	0	750	500	720	0	UNVALID	0.00%
D0078199	023-R-088	Regulator	200	60	3	0	750	500	500	0	UNVALID	0.00%
D0078546	023-R-089	Regulator	158	60	3	0	600	400	275	0	UNVALID	0.00%
D0080105	023-R-091	Regulator	300	60	3	0	600	400	720	0	UNVALID	0.00%
D0080029	023-R-092	Regulator	300	45	3	0	600	400	300	0	UNVALID	0.00%
D0080697	023-R-093	Regulator	300	60	3	0	750	500	500	0	UNVALID	0.00%
D0082224	023-R-109	Regulator	250	60	3	0	750	500	1440	0	UNVALID	0.00%
D0083934	023-R-096	Regulator	250	59	3	0	750	500	275	0	UNVALID	0.00%
D0084203	023-R-097	Regulator	250	60	3	0	750	500	275	0	UNVALID	0.00%
D0084213	023-R-036	Regulator	300	60	3	0	600	400	300	0	UNVALID	0.00%
D0084759	023-R-099	Regulator	250	60	3	0	750	500	275	0	UNVALID	0.00%
D0085196	023-R-098	Regulator	300	60	3	0	600	400	720	0	UNVALID	0.00%
DD002177	023-R-080	Regulator	250	60	3	0	0	0	500	0	UNVALID	0.00%
DD002860	023-R-082	Regulator	250	60	3	0	600	400	275	0	UNVALID	0.00%
DD011684	023-R-109	Regulator	250	60	3	0	0	0	500	0	UNVALID	0.00%
39724	023-V-014	Valve Setting	250	60	3	1183	750	500	275	275	VALID	8.45%

LONGVIEW DISTRICT
State of Washington

Attachment 2
Facility MAOP Summary

Cascade Natural Gas

Work Order #	Facility ID	Facility Type	Existing Inlet MAOP (psig)	Existing Outlet MAOP (psig)	Class Location (1,2,3,4)	Design Pressure 192.619 (a) (1) (psig)	Test Pressure (psig)	Test Pressure 192.619 (a) (2) (psig)	Pressure Class Rating (psig)	MAOP per 192.619 (psig)	MAOP Designation	Max % SMYS
192344	LONGVIEW FIBRE MILL	Meter	499	NA	3	823	600	400	250	250	UNVALID	12.14%
48328	B.F. GOODRICH (KALAMA CHEMICAL)	Meter	300	NA	3	564	750	500	275	275	UNVALID	21.25%
43607	LONGVIEW FIBRE MILL	Meter	250	NA	3	727	1080	720	720	720	VALID	13.75%
51822	BHP	Meter	300	NA	3	811	750	500	275	275	UNVALID	14.79%
13913	CHINOOK VENTURES (REYNOLDS METALS)	Meter	250	NA	3	641	0	0	300	0	UNVALID	12.59%
E0082073	MINT FARM ENERGY	Meter	250	NA	3	823	750	500	720	500	VALID	12.14%
45514	CHINOOK VENTURES (REYNOLDS METALS)	Meter	250	NA	3	1056	600	400	720	400	VALID	9.46%
E0083149	CHINOOK VENTURES (REYNOLDS METALS)	Meter	250	NA	3	1106	250	166	90	90	UNVALID	6.78%
52802	LAKESIDE IND.	Meter	80	NA	3	641	140	93	200	93	VALID	3.74%
192288	LAKESIDE IND.	Meter	80	NA	3	1106	140	93	275	93	VALID	2.17%
43604	011-O-006	Odorizer	499	499	3	1193	1080	720	275	275	UNVALID	12.54%
213993	011-O-007	Odorizer	300	300	3	1056	0	0	300	0	UNVALID	11.36%
29516	011-O-002	Odorizer	250	250	3	1193	0	0	275	0	UNVALID	6.28%
13163	011-O-001	Odorizer	152	152	3	933	225	150	400	150	UNVALID	4.88%
173404	011-O-005	Odorizer	150	150	3	1106	375	250	275	250	VALID	4.07%
43606	011-R-030	Regulator	499	250	3	1045	1080	720	720	720	VALID	19.09%
73582	011-R-008	Regulator	250	36	3	418	90	60	275	60	UNVALID	23.89%
206644	011-R-002	Regulator	250	36	3	418	90	60	275	60	UNVALID	23.89%
E0084526	011-R-044	Regulator	300	60	3	499	750	500	720	499	VALID	18.03%
165132	011-R-046	Regulator	499	46	3	1106	1080	720	720	720	VALID	16.91%
23640	011-R-020	Regulator	250	46	3	499	600	400	200	200	UNVALID	15.02%
52429	011-R-038	Regulator	250	60	3	499	0	0	200	0	UNVALID	15.02%
E0072301	011-R-040	Regulator	250	60	3	499	750	500	275	275	VALID	15.02%
UNKV (011-R-001)	011-R-001	Regulator	250	36	3	641	100	66	275	66	UNVALID	13.95%
21728	011-R-014	Regulator	250	60	3	794	0	0	200	0	UNVALID	12.59%
47137	011-R-031	Regulator	250	60	3	758	600	400	250	250	VALID	9.89%
24888	011-R-027	Regulator	150	52	3	0	0	0	0	0	UNVALID	0.00%
82C8590	011-R-004	Regulator	250	80	3	877	0	0	200	0	UNVALID	8.55%
52070	011-R-037	Regulator	300	60	3	1106	750	500	720	500	VALID	8.14%
E0078128	011-R-042	Regulator	300	22	3	1106	600	400	720	400	VALID	8.14%
173406	011-R-047	Regulator	150	58	3	641	0	0	275	0	UNVALID	7.01%
32981	011-R-011	Regulator	250	60	3	1106	600	400	275	275	VALID	6.78%
24820	011-R-024	Regulator	300	60	3	1361	0	0	200	0	UNVALID	6.61%
49631	011-R-032	Regulator	300	60	3	1361	750	500	500	500	VALID	6.61%
49632	011-R-033	Regulator	300	60	3	1361	750	500	500	500	VALID	6.61%
192409	011-R-049	Regulator	300	60	3	1361	750	500	300	300	VALID	6.61%
199748	011-R-050	Regulator	300	60	3	1361	750	500	300	300	VALID	6.61%
UNKV (011-R-021)	011-R-021	Regulator	152	40	3	758	0	0	200	0	UNVALID	6.01%
17004	011-R-003	Regulator	250	60	3	1321	375	250	275	250	VALID	5.67%
179775	011-R-003	Regulator	250	60	3	1321	375	250	275	250	VALID	5.67%
16088	011-R-018	Regulator	250	60	3	1361	0	0	200	0	UNVALID	5.51%
50827	011-R-036	Regulator	250	60	3	1361	750	500	500	500	VALID	5.51%
EE00176	011-R-017	Regulator	250	60	3	1361	750	500	500	500	VALID	5.51%
173407	011-R-048	Regulator	150	52	3	0	0	0	0	0	UNVALID	0.00%

MOUNT VERNON DISTRICT
State of Washington

Attachment 2
Facility MAOP Summary

Cascade Natural Gas

Work Order #	Facility ID	Facility Type	Existing Inlet MAOP (psig)	Existing Outlet MAOP (psig)	Class Location (1,2,3,4)	Design Pressure 192.619 (a) (1) (psig)	Test Pressure (psig)	Test Pressure 192.619 (a) (2) (psig)	Pressure Class Rating (psig)	MAOP per 192.619 (psig)	MAOP Designation	Max % SMYS
9020	GENERAL CHEMICAL	Meter	250	NA	3	877	225	150	300	150	UNVALID	8.55%
30637	PSE FERDONIA	Meter	500	NA	3	335	750	500	275	275	UNVALID	59.56%
37429	GENERAL CHEMICAL	Meter	250	NA	3	1056	225	150	100	100	UNVALID	9.46%
40022	SHELL (TEXACO)	Meter	400	NA	3	335	600	400	275	275	UNVALID	47.65%
40023	SHELL PUGET SOUND (MARCH PT COGEN)	Meter	500	NA	3	489	750	500	275	275	UNVALID	44.44%
52583	ANACORTES CHECK METER	Meter	366	NA	3	1106	750	500	720	500	VALID	12.37%
191484	LINDE HYDROGEN	Meter	500	NA	3	1052	750	500	720	500	VALID	16.90%
169736 Tesoro	TESORO	Meter	225	NA	3	564	600	400	720	400	VALID	15.94%
19330 (Meter)	AULT FIELD	Meter	250	NA	3	610	0	0	100	0	UNVALID	16.38%
G0073443	ANACORTES CHECK METER	Meter	366	NA	3	1106	750	500	720	500	VALID	12.37%
G0080813	API PROPERTIES - SIERRA PACIFIC	Meter	200	NA	3	811	225	150	125	125	UNVALID	9.86%
GG002455	AIR LIQUIDE	Meter	500	NA	3	1056	750	500	720	500	VALID	18.93%
GG002457	AIR LIQUIDE	Meter	500	NA	3	877	750	500	720	500	VALID	20.98%
26235	017-O-004	Odorizer	249	249	3	877	275	183	400	183	UNVALID	8.51%
177232 (017-O-006)	017-O-006	Odorizer	250	250	3	1456	900	600	300	300	VALID	5.15%
G0067527 (017-O-001)	017-O-001	Odorizer	500	500	3	1361	750	500	250	250	UNVALID	11.02%
UNKV (017-O-003)	017-O-003	Odorizer	960	960	3	0	0	0	0	0	UNVALID	0.00%
UNKV (017-O-005)	017-O-005	Odorizer	25	25	3	0	0	0	0	0	UNVALID	0.00%
14851	017-R-012	Regulator	360	100	3	877	0	0	400	0	UNVALID	12.31%
15491	017-R-001	Regulator	360	60	3	794	0	0	200	0	UNVALID	18.12%
15973	017-R-036	Regulator	105	45	3	877	100	66	200	66	UNVALID	3.59%
16050	017-R-063	Regulator	400	60	3	794	0	0	275	0	UNVALID	20.14%
17275	017-R-051	Regulator	400	60	3	1361	0	0	200	0	UNVALID	8.81%
18439	017-R-006	Regulator	250	60	4	746	0	0	200	0	UNVALID	8.03%
19956	017-R-052	Regulator	400	60	3	1361	0	0	200	0	UNVALID	8.81%
20491	017-R-007	Regulator	250	60	3	0	0	0	0	0	UNVALID	0.00%
21000	017-R-017	Regulator	360	60	3	1361	0	0	200	0	UNVALID	7.93%
21175	017-R-019	Regulator	249	41	3	758	110	73	200	73	UNVALID	12.54%
21304	017-R-018	Regulator	360	249	3	1106	0	0	400	0	UNVALID	9.76%
21366	017-R-003	Regulator	250	60	4	399	0	0	200	0	UNVALID	15.02%
23477	017-R-060	Regulator	400	60	3	1361	0	0	200	0	UNVALID	8.81%
25372	017-R-062	Regulator	400	60	3	1361	0	0	200	0	UNVALID	8.81%
25452	017-R-008	Regulator	250	60	4	954	0	0	200	0	UNVALID	6.28%
26117	017-R-042	Regulator	105	60	3	933	600	400	200	200	VALID	3.37%
26783	017-R-068	Regulator	400	60	3	933	0	0	200	0	UNVALID	12.85%
28377	017-R-067	Regulator	400	60	3	3080	0	0	500	0	UNVALID	3.90%
169736	017-R-047	Regulator	360	225	3	418	600	400	720	400	VALID	34.41%
28931	017-R-070	Regulator	105	60	3	933	750	500	200	200	VALID	3.37%
53023	017-R-031	Regulator	360	105	3	641	750	500	720	500	VALID	18.12%
60133 (017-R-134)	017-R-134	Regulator	360	275	3	811	600	400	720	400	VALID	17.74%
54487	017-R-013	Regulator	360	41	3	641	600	400	500	400	VALID	16.83%
32376	017-R-023	Regulator	105	60	3	1361	300	200	200	200	VALID	2.31%
33020	017-R-026	Regulator	105	60	3	1549	265	176	300	176	VALID	2.03%
54636	017-R-123	Regulator	250	60	3	499	750	500	275	275	VALID	15.02%
34160	017-R-077	Regulator	175	60	3	933	600	400	200	200	VALID	5.62%
34198	017-R-078	Regulator	175	60	3	1193	600	400	200	200	VALID	4.40%
34199	017-R-072	Regulator	360	175	3	1193	600	400	400	400	VALID	9.05%
209739	017-R-173	Regulator	500	52	3	1106	750	500	720	500	VALID	14.25%
GG010642	017-R-025	Regulator	360	41	3	758	750	500	720	500	VALID	14.24%

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34628	017-R-041	Regulator	360	250	3	641	750	500	200	200	UNVALID	16.83%
35043	017-R-083	Regulator	500	60	3	1085	750	500	500	500	VALID	13.82%
31980	017-R-021	Regulator	400	60	3	877	675	450	500	450	VALID	13.68%
33846	017-R-076	Regulator	400	60	3	877	675	450	500	450	VALID	13.68%
34371	017-R-081	Regulator	500	250	3	1106	750	500	500	500	VALID	13.56%
40024	017-R-089	Regulator	500	360	3	811	750	500	720	500	VALID	24.64%
40026	017-R-091	Regulator	500	400	3	562	750	500	720	500	VALID	44.44%
41747	017-R-093	Regulator	105	60	3	933	0	0	500	0	UNVALID	3.37%
162514	017-R-156	Regulator	500	52	3	1106	750	500	720	500	VALID	13.56%
42739	017-R-096	Regulator	360	60	3	933	600	400	500	400	VALID	11.57%
43837	017-R-094	Regulator	400	60	3	933	750	500	500	500	VALID	12.85%
42928	017-R-098	Regulator	250	60	3	1106	600	400	275	275	VALID	6.78%
43053	017-R-100	Regulator	500	60	3	1193	0	0	200	0	UNVALID	12.57%
57477	017-R-128	Regulator	400	60	3	933	750	500	720	500	VALID	12.85%
58210	017-R-130	Regulator	400	60	3	933	750	500	500	500	VALID	12.85%
191622	017-R-165	Regulator	400	60	3	933	750	500	500	500	VALID	12.85%
45846	017-R-104	Regulator	105	10	3	1106	600	400	200	200	VALID	2.85%
48869	017-R-110	Regulator	360	60	3	933	750	500	500	500	VALID	11.57%
53024	017-R-045	Regulator	360	60	3	933	750	500	500	500	VALID	11.57%
47212	017-R-108	Regulator	250	60	3	544	600	400	250	250	VALID	18.35%
55633	017-R-121	Regulator	360	250	3	933	750	500	500	500	VALID	11.57%
49703	017-R-113	Regulator	250	60	3	933	0	0	500	0	UNVALID	8.03%
49816	017-R-114	Regulator	400	60	3	933	0	0	500	0	UNVALID	12.85%
49968	017-R-115	Regulator	250	60	3	933	0	0	500	0	UNVALID	8.03%
220939	017-R-175	Regulator	400	60	3	1106	750	500	500	500	VALID	10.85%
50253	017-R-117	Regulator	400	60	3	933	0	0	500	0	UNVALID	12.85%
51884	017-R-043	Regulator	105	60	3	2260	0	0	500	0	UNVALID	1.39%
52562	017-R-118	Regulator	151	60	3	933	0	0	500	0	UNVALID	4.85%
52993	017-R-119	Regulator	500	60	3	499	600	400	720	400	UNVALID	30.05%
28768	017-R-066	Regulator	249	52	3	758	600	400	275	275	VALID	9.85%
47086	017-R-107	Regulator	360	60	3	1106	750	500	720	500	VALID	9.76%
G0080815	017-R-148	Regulator	360	200	3	1106	600	400	720	400	VALID	9.76%
34279	017-R-080	Regulator	250	60	3	1056	600	400	275	275	VALID	9.46%
36582	017-R-084	Regulator	360	60	3	1193	750	500	500	500	VALID	9.05%
45639	017-R-106	Regulator	360	60	3	1193	750	500	500	500	VALID	9.05%
56132	017-R-124	Regulator	400	60	3	933	0	0	500	0	UNVALID	12.85%
56610	017-R-126	Regulator	151	45	3	933	600	400	200	200	VALID	4.85%
57391	017-R-132	Regulator	360	60	3	2260	750	500	500	500	VALID	4.78%
30969	017-R-020	Regulator	400	60	3	1361	750	500	500	500	VALID	8.81%
58167	017-R-129	Regulator	400	60	3	933	750	500	275	275	UNVALID	12.85%
31324	017-R-004	Regulator	250	60	3	877	600	400	275	275	VALID	8.55%
58345	017-R-131	Regulator	400	60	3	933	750	500	500	500	VALID	12.85%
42767	017-R-097	Regulator	360	60	3	1361	750	500	500	500	VALID	7.93%
45941	017-R-105	Regulator	360	60	3	1361	750	500	500	500	VALID	7.93%
170356	017-R-157	Regulator	500	60	3	544	750	500	720	500	VALID	36.71%
173441	017-R-158	Regulator	400	60	3	1960	750	500	500	500	VALID	6.59%
179240	017-R-160	Regulator	400	60	3	1820	750	500	500	500	VALID	6.59%
184808	017-R-161	Regulator	151	60	3	1960	750	500	500	500	VALID	2.49%
186760	017-R-162	Regulator	500	360	3	1106	750	500	720	500	VALID	16.90%
189436	017-R-163	Regulator	400	60	3	1960	750	500	500	500	VALID	6.59%

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213277	017-R-082	Regulator	250	60	3	1106	375	250	275	250	VALID	6.78%
191798	017-R-079	Regulator	105	60	3	877	375	250	200	200	VALID	3.59%
193978	017-R-170	Regulator	105	45	3	953	300	200	275	200	VALID	4.40%
200583	017-R-171	Regulator	100	52	3	1106	600	400	275	275	VALID	2.85%
205109	017-R-172	Regulator	105	60	3	1960	275	183	500	183	VALID	1.73%
37799	017-R-086	Regulator	249	60	3	1106	600	400	275	275	VALID	6.75%
50121	017-R-116	Regulator	249	41	3	1106	600	400	275	275	VALID	6.75%
220008	017-R-029	Regulator	151	60	3	499	0	0	200	0	UNVALID	9.07%
55558	017-R-122	Regulator	250	60	3	1167	375	250	300	250	VALID	6.43%
227564	017-R-178	Regulator	400	60	3	1960	750	500	500	500	VALID	6.59%
230009	017-R-075	Regulator	500	360	3	758	750	500	500	500	VALID	24.65%
11C6725	017-R-038	Regulator	360	30	3	2858	0	0	300	0	UNVALID	3.78%
13C7972	017-R-005	Regulator	250	32	3	0	0	0	0	0	UNVALID	0.00%
13C8489	017-R-024	Regulator	360	60	3	499	0	0	200	0	UNVALID	21.63%
13C9115	017-R-002	Regulator	250	60	3	0	0	0	0	0	UNVALID	0.00%
177232 (017-R-166)	017-R-166	Regulator	960	395	3	0	900	600	1440	0	UNVALID	0.00%
18C6103	017-R-065	Regulator	150	25	3	1193	0	0	200	0	UNVALID	3.77%
19330 (017-R-059)	017-R-059	Regulator	400	60	3	794	0	0	200	0	UNVALID	20.14%
24C9677	017-R-028	Regulator	360	151	3	601	0	0	720	0	UNVALID	17.95%
60133 (017-R-090)	017-R-090	Regulator	360	360	3	450	600	400	720	400	VALID	32.00%
42330	017-R-095	Regulator	249	60	3	1193	600	400	300	300	VALID	6.26%
G0067527 (017-R-138)	017-R-138	Regulator	500	500	3	794	750	500	200	200	UNVALID	25.17%
G0068269	017-R-137	Regulator	249	60	3	641	750	500	275	275	VALID	11.64%
G0072371 (017-R-141)	017-R-141	Regulator	360	250	3	758	600	400	720	400	VALID	14.24%
G0072371 (017-R-143)	017-R-143	Regulator	250	45	3	933	600	400	275	275	VALID	8.03%
G0072371 (017-R-144)	017-R-144	Regulator	250	45	3	1106	600	400	275	275	VALID	6.78%
G0073542	017-R-145	Regulator	400	60	3	499	600	400	720	400	VALID	24.04%
G0078891	017-R-146	Regulator	175	60	3	1106	750	500	275	275	VALID	4.75%
G0079688	017-R-147	Regulator	400	60	3	933	750	500	500	500	VALID	12.85%
G0080171	017-R-150	Regulator	400	60	3	1321	750	500	500	500	VALID	9.08%
44845	017-R-102	Regulator	249	60	3	1193	600	400	300	300	VALID	6.26%
G0082379	017-R-151	Regulator	105	45	3	544	375	250	275	250	VALID	7.71%
G0082548	017-R-154	Regulator	960	60	3	1453	1520	1013	1440	1013	VALID	19.81%
G0084755	017-R-053	Regulator	400	60	3	1456	750	500	500	500	VALID	8.24%
G0084854	017-R-050	Regulator	400	60	3	489	0	0	200	0	UNVALID	32.67%
36694	017-R-085	Regulator	250	60	3	1361	375	250	275	250	VALID	5.51%
UNK V (017-R-169)	017-R-169	Regulator	250	60	3	0	0	0	0	0	UNVALID	0.00%
UNK V(017-R-177)	017-R-177	Regulator	500	60	3	0	0	0	0	0	UNVALID	0.00%
UNKV (017-R-016)	017-R-016	Regulator	360	37	3	1456	0	0	300	0	UNVALID	7.42%
UNKV (017-R-125)	017-R-125	Regulator	400	60	3	0	0	0	0	0	UNVALID	0.00%
UNKV (017-R-135)	017-R-135	Regulator	250	60	3	0	0	0	0	0	UNVALID	0.00%
UNKV (017-R-140)	017-R-140	Regulator	400	60	3	0	0	0	0	0	UNVALID	0.00%
UNKV (017-R-153)	017-R-153	Regulator	400	60	3	0	0	0	0	0	UNVALID	0.00%
UNKV (017-R-159)	017-R-159	Regulator	400	60	3	0	0	0	0	0	UNVALID	0.00%
UNKV (017-R-167)	017-R-167	Regulator	400	250	3	0	0	0	0	0	UNVALID	0.00%
UNKV (017-R-168)	017-R-168	Regulator	250	250	3	0	0	0	0	0	UNVALID	0.00%
UNKV (017-R-174)	017-R-174	Regulator	400	60	3	0	0	0	0	0	UNVALID	0.00%
UNKV (017-R-176)	017-R-176	Regulator	500	60	3	0	0	0	0	0	UNVALID	0.00%
9650	017-R-044	Regulator	105	60	3	3080	0	0	500	0	UNVALID	1.02%

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651010	026-R-002	Regulator	150	60	3	499	0	0	200	0	UNVALID	9.01%
MM000041	026-O-001	Odorizer	150	150	3	933	600	400	400	400	VALID	4.82%
MM000188	026-V-030	Valve Setting	150	150	3	908	600	400	720	400	VALID	6.60%
MM000189	026-V-031	Valve Setting	150	150	3	908	600	400	720	400	VALID	6.60%
UNKV (026-R-001)	026-R-001	Regulator	150	60	3	499	0	0	200	0	UNVALID	11.01%

WENATCHEE DISTRICT
State of Washington

Attachment 2
Facility MAOP Summary

Cascade Natural Gas

Work Order #	Facility ID	Facility Type	Existing Inlet MAOP (psig)	Existing Outlet MAOP (psig)	Class Location (1,2,3,4)	Design Pressure 192.619 (a) (1) (psig)	Test Pressure (psig)	Test Pressure 192.619 (a) (2) (psig)	Pressure Class Rating (psig)	MAOP per 192.619 (psig)	MAOP Designation	Max % SMYS
UNKV (029-O-06)	029-O-06	Odorizer	250	250	3	794	0	0	720	0	UNVALID	12.59%
UNKV (029-O-05)	029-O-05	Odorizer	500	500	3	794	750	500	1440	500	VALID	25.17%
181660	029-R-058	Regulator	500	400	3	1106	1440	960	720	720	VALID	16.90%
28257	029-O-08	Odorizer	225	225	3	544	450	300	300	300	VALID	16.52%
188977	029-O-10	Odorizer	250	250	3	1081	750	500	300	300	VALID	6.93%
18997	029-R-015	Regulator	250	60	3	877	0	0	200	0	UNVALID	8.55%
222162	029-O-12	Odorizer	500	500	3	794	750	500	300	300	UNVALID	25.17%
188978	029-O-11	Odorizer	90	90	3	1361	750	500	720	500	VALID	1.98%
181146	SGL Automotive M&R	Meter	100	NA	3	499	225	150	200	150	VALID	6.01%
31551	Chef Reddy M&R	Meter	100	NA	3	794	100	66	100	66	UNVALID	5.03%
37072	Nestle Brand M&R	Meter	100	100	3	1056	150	100	100	100	VALID	3.79%
28668	Jim Frank M&R	Meter	125	NA	3	794	200	133	100	100	UNVALID	6.29%
18997 (Meter)	Nestle Brand M&R	Meter	125	NA	3	794	0	0	200	0	UNVALID	6.29%
32660	Nestle Brand M&R	Meter	125	NA	3	794	100	66	100	66	UNVALID	6.29%
189179 (Meter)	Nestle Brand M&R	Regulator	125	NA	3	0	0	0	0	0	UNVALID	0.00%
O0083324 (Meter)	Roloff-Schutte M&R	Meter	150	NA	3	1106	225	150	200	150	VALID	5.07%
O0085224	Guardian Industries M&R	Meter	150	NA	3	1106	225	150	200	150	VALID	5.07%
12448	029-O-07	Odorizer	150	150	3	1361	0	0	400	0	UNVALID	3.30%
21907	029-R-040	Regulator	150	60	3	610	0	0	200	0	UNVALID	9.83%
207109	029-R-065	Regulator	150	90	3	1296	750	500	275	275	VALID	3.47%
192354	029-R-061	Regulator	225	60	3	1045	600	400	275	275	VALID	8.61%
12443	029-R-039	Regulator	225	60	3	933	0	0	200	0	UNVALID	7.23%
20154	029-R-037	Regulator	225	60	3	1361	0	0	200	0	UNVALID	4.96%
223306	029-R-066	Regulator	225	60	3	0	650	433	0	0	UNVALID	0.00%
50342	Lamb-Weston M&R	Meter	250	NA	3	811	750	500	720	500	VALID	12.32%
55929	029-R-043	Regulator	250	60	3	499	750	500	275	275	VALID	15.02%
59320	029-R-047	Regulator	250	60	3	499	600	400	275	275	VALID	15.02%
O0085210	029-R-052	Regulator	250	150	3	499	600	400	275	275	VALID	15.02%
33C9624	029-R-002	Regulator	250	60	3	794	0	0	200	0	UNVALID	12.59%
14458	029-R-016	Regulator	250	60	3	877	0	0	200	0	UNVALID	8.55%
48787	029-R-029	Regulator	250	60	3	877	600	400	275	275	VALID	8.55%
55924	029-R-044	Regulator	250	60	3	877	750	500	275	275	VALID	8.55%
165149	029-R-057	Regulator	250	60	3	877	600	400	275	275	VALID	8.55%
O0082716	029-R-055	Regulator	250	60	3	1106	600	400	720	400	VALID	8.45%
208243	029-R-025	Regulator	250	60	3	728	600	400	275	275	VALID	10.30%
181145	029-R-059	Regulator	250	100	3	1106	750	500	275	275	VALID	6.78%
207499	029-R-014	Regulator	250	125	3	1106	200	133	200	133	UNVALID	6.78%
232225	029-R-070	Regulator	250	60	3	1106	600	400	720	400	VALID	6.78%
48689	029-R-030	Regulator	250	60	3	1193	660	440	400	400	VALID	6.28%
166358	029-R-003	Regulator	250	47	3	1327	100	66	275	66	UNVALID	5.65%
25426	029-R-020	Regulator	250	60	3	1361	0	0	200	0	UNVALID	5.51%
45415	029-R-028	Regulator	250	60	3	1361	600	400	275	275	VALID	5.51%
55804	029-R-005	Regulator	250	60	3	1361	750	500	275	275	VALID	5.51%
200620	029-R-063	Regulator	250	60	3	1361	600	400	275	275	VALID	5.51%
51346	029-R-035	Regulator	250	60	3	1361	600	400	500	400	VALID	5.51%
53922	029-R-045	Regulator	250	60	3	1361	600	400	300	300	VALID	5.51%
55541	029-R-041	Regulator	250	60	3	1361	600	400	500	400	VALID	5.51%
58C5746	029-R-007	Regulator	250	50	3	1361	0	0	200	0	UNVALID	5.51%
O0084171	029-R-053	Regulator	250	60	3	1361	750	500	100	100	UNVALID	5.51%
O0085085	029-R-056	Regulator	250	60	3	1361	650	433	500	433	VALID	5.51%

Work Order #	Facility ID	Facility Type	Existing Inlet MAOP (psig)	Existing Outlet MAOP (psig)	Class Location (1,2,3,4)	Design Pressure 192.619 (a) (1) (psig)	Test Pressure (psig)	Test Pressure 192.619 (a) (2) (psig)	Pressure Class Rating (psig)	MAOP per 192.619 (psig)	MAOP Designation	Max % SMYS
189179	029-R-015	Regulator	250	60	3	0	90	60	720	0	UNVALID	0.00%
230251	029-R-068	Regulator	250	60	3	0	0	0	0	0	UNVALID	0.00%
230649	029-R-067	Regulator	250	60	3	0	0	0	0	0	UNVALID	0.00%
UNKV 029-R-054	029-R-054	Regulator	250	100	3	0	0	0	285	0	UNVALID	0.00%
60390	029-V-061	Valve	250	250	3	877	375	250	275	250	VALID	8.55%
20159	029-R-011	Regulator	400	60	3	877	750	500	200	200	UNVALID	13.68%
37341	029-R-018	Regulator	400	100	3	877	750	500	400	400	VALID	13.68%
208242	029-R-009	Regulator	400	60	3	877	90	60	200	60	UNVALID	13.68%
DO001649	029-R-012	Regulator	400	100	3	877	150	100	200	100	UNVALID	13.68%
29100	029-R-022	Regulator	400	125	3	877	750	500	400	400	VALID	13.68%
199470	029-R-062	Regulator	400	60	3	877	750	500	720	500	VALID	13.68%
200528	029-R-064	Regulator	400	60	3	1106	600	400	720	400	VALID	10.85%
188983	029-R-060	Regulator	400	60	3	1106	750	500	800	500	VALID	10.85%
22274	029-R-008	Regulator	400	60	3	1361	0	0	200	0	UNVALID	8.81%
O0077809	029-R-049	Regulator	400	60	3	1361	750	500	720	500	VALID	8.81%
O0083324	029-R-051	Regulator	400	150	3	1361	225	150	275	150	UNVALID	8.81%
49470	029-R-033	Regulator	400	60	3	1361	750	500	500	500	VALID	8.81%
234314	29-R-071	Regulator	400	<=60 psig	3	1106	750	500	740	500	VALID	10.85%
183047	029-V-070	Valve	400	400	3	1106	750	500	720	500	VALID	10.85%
183048	029-V-071	Valve	400	400	3	1183	750	500	720	500	VALID	13.52%

Work Order #	Facility ID	Facility Type	Existing Inlet MAOP (psig)	Existing Outlet MAOP (psig)	Class Location (1,2,3,4)	Design Pressure 192.619 (a) (1) (psig)	Test Pressure (psig)	Test Pressure 192.619 (a) (2) (psig)	Pressure Class Rating (psig)	MAOP per 192.619 (psig)	MAOP Designation	Max % SMYS
15737	Y(15737)	Meter	400	NA	3	610	0	0	200	0	UNVALID	26.22%
46844	Y(46844)	Meter	175	NA	3	933	600	400	175	175	VALID	5.62%
25856	020-O-008	Odorizer	400	400	3	641	750	500	275	275	UNVALID	20.14%
29252	032-O-001	Odorizer	250	250	3	499	450	300	300	300	VALID	15.02%
31950	032-O-004	Odorizer	250	250	3	499	450	300	300	300	VALID	15.02%
55590	020-O-003	Odorizer	250	250	3	499	400	266	275	266	VALID	15.02%
55442	020-O-006	Odorizer	200	200	3	499	400	266	275	266	VALID	12.02%
P0070018 (31063)	032-O-002	Odorizer	200	200	3	794	0	0	275	0	UNVALID	10.07%
30484	020-O-009	Odorizer	300	300	3	933	450	300	500	300	VALID	9.64%
18687	020-O-001	Odorizer	250	250	3	933	750	500	275	275	VALID	8.03%
UNKV (020-O-002)	020-O-002	Odorizer	130	130	3	0	0	0	0	0	UNVALID	0.00%
UNKV (020-O-005)	020-O-005	Odorizer	160	160	3	0	0	0	0	0	UNVALID	0.00%
UNKV (032-O-003)	032-O-003	Odorizer	275	275	3	0	0	0	0	0	UNVALID	0.00%
K0085502	020-R-022	Regulator	400	56	3	641	750	500	275	275	UNVALID	18.70%
185704	020-R-029	Regulator	400	152	3	641	600	400	400	400	VALID	18.70%
47C8259	020-R-001	Regulator	250	60	3	610	0	0	200	0	UNVALID	16.38%
20375	032-R-003	Regulator	200	60	3	376	0	0	200	0	UNVALID	21.25%
13033	032-R-007	Regulator	200	60	3	418	0	0	200	0	UNVALID	19.12%
51801	032-R-005	Regulator	200	60	3	418	600	400	275	275	VALID	19.12%
51681	032-R-017	Regulator	250	60	3	499	600	400	275	275	VALID	18.35%
30541	032-R-002	Regulator	275	60	3	499	600	400	275	275	VALID	16.53%
50048	020-R-041	Regulator	400	60	3	758	900	600	720	600	VALID	15.82%
181048	020-R-060	Regulator	400	41	3	758	750	500	720	500	VALID	15.82%
177231	020-R-062	Regulator	250	250	3	499	750	500	720	499	VALID	15.02%
29779	032-R-012	Regulator	250	60	3	499	1000	666	275	275	VALID	15.02%
163885	032-R-025	Regulator	250	60	3	499	450	300	275	275	VALID	15.02%
47011	032-R-038	Regulator	250	60	3	499	600	400	250	250	VALID	15.02%
164909	032-R-047	Regulator	250	60	3	499	600	400	275	275	VALID	15.02%
K0067487	020-R-055	Regulator	250	60	3	499	600	400	275	275	VALID	15.02%
51198	032-R-043	Regulator	200	60	3	499	750	500	200	200	VALID	14.68%
47974	020-R-046	Regulator	400	60	3	933	600	400	720	400	VALID	12.85%
52717	020-R-049	Regulator	400	60	3	933	900	600	720	600	VALID	12.85%
K0072188	020-R-019	Regulator	400	60	3	933	90	60	200	60	UNVALID	12.85%
47211	020-R-045	Regulator	200	51	3	499	600	400	250	250	VALID	12.02%
171750	020-R-008	Regulator	200	51	3	499	600	400	200	200	VALID	12.02%
163158	020-R-056	Regulator	175	60	3	499	600	400	200	200	VALID	10.52%
37426	020-R-039	Regulator	400	60	3	1193	900	600	700	600	VALID	10.05%
30753	020-R-034	Regulator	300	60	3	933	270	180	200	180	UNVALID	9.64%
29310	032-R-013	Regulator	250	60	3	933	450	300	275	275	VALID	8.03%
29819	032-R-024	Regulator	250	60	3	933	450	300	275	275	VALID	8.03%
29820	032-R-016	Regulator	250	60	3	933	450	300	275	275	VALID	8.03%
29830	032-R-019	Regulator	250	60	3	933	450	300	275	275	VALID	8.03%
32399	032-R-026	Regulator	250	60	3	933	450	300	300	300	VALID	8.03%
32774	032-R-020	Regulator	250	60	3	933	450	300	275	275	VALID	8.03%
36007	032-R-027	Regulator	250	60	3	933	450	300	275	275	VALID	8.03%
46360	020-R-038	Regulator	250	60	3	933	600	400	275	275	VALID	8.03%
56153	032-R-021	Regulator	250	60	3	933	450	300	275	275	VALID	8.03%
P0084559	032-R-022	Regulator	250	60	3	933	600	400	275	275	VALID	8.03%
44366	032-R-034	Regulator	250	60	3	933	650	433	500	433	VALID	8.03%
44923	032-R-035	Regulator	250	60	3	933	600	400	500	400	VALID	8.03%

Work Order #	Facility ID	Facility Type	Existing Inlet MAOP (psig)	Existing Outlet MAOP (psig)	Class Location (1,2,3,4)	Design Pressure 192.619 (a) (1) (psig)	Test Pressure (psig)	Test Pressure 192.619 (a) (2) (psig)	Pressure Class Rating (psig)	MAOP per 192.619 (psig)	MAOP Designation	Max % SMYS
46584	032-R-037	Regulator	250	60	3	933	0	0	500	0	UNVALID	8.03%
49568	032-R-039	Regulator	250	60	3	933	600	400	500	400	VALID	8.03%
52930	032-R-042	Regulator	250	60	3	933	450	300	500	300	VALID	8.03%
6300678542	032-R-048	Regulator	250	60	3	933	780	520	275	275	VALID	8.03%
40429	020-R-042	Regulator	200	60	3	758	600	400	200	200	VALID	7.91%
18925	020-R-025	Regulator	175	56	3	728	0	0	200	0	UNVALID	7.21%
28023	020-R-032	Regulator	200	60	3	877	1000	666	200	200	VALID	6.84%
28138	020-R-031	Regulator	200	60	3	877	1000	666	200	200	VALID	6.84%
28140	020-R-033	Regulator	200	60	3	877	1000	666	200	200	VALID	6.84%
32810	032-R-001	Regulator	200	60	3	933	600	400	200	200	VALID	6.43%
44379	020-R-044	Regulator	200	60	3	933	600	400	200	200	VALID	6.43%
51600	020-R-048	Regulator	200	60	3	933	600	400	200	200	VALID	6.43%
56274	020-R-012	Regulator	200	60	3	933	450	300	200	200	VALID	6.43%
41661	032-R-029	Regulator	250	60	3	1193	450	300	400	300	VALID	6.28%
38695	020-R-040	Regulator	175	60	3	877	400	266	200	200	VALID	5.98%
22008	020-R-026	Regulator	175	12	3	933	100	71	200	71	UNVALID	5.62%
50750	020-R-047	Regulator	175	60	3	933	600	400	500	400	VALID	5.62%
41809	032-R-030	Regulator	250	60	3	1361	600	400	400	400	VALID	5.51%
45401	032-R-036	Regulator	250	60	3	1361	600	400	300	300	VALID	5.51%
41769	032-R-031	Regulator	250	60	3	1361	450	300	300	300	VALID	5.51%
165211	020-R-057	Regulator	250	16	3	1361	600	400	275	275	VALID	5.51%
24118	020-R-027	Regulator	152	60	3	877	0	0	200	0	UNVALID	5.20%
53549	020-R-010	Regulator	160	13	3	933	150	100	200	100	UNVALID	5.14%
34675	020-R-037	Regulator	200	60	3	1361	750	500	300	300	VALID	4.41%
42C7053	020-R-009	Regulator	200	20	3	1361	0	0	200	0	UNVALID	4.41%
46C6883	020-R-006	Regulator	130	60	3	933	0	0	400	0	UNVALID	4.18%
2025	020-R-044	Regulator	200	60	3	0	740	493	0	0	UNVALID	0.00%
180110	020-R-028	Regulator	152	60	3	0	0	0	0	0	UNVALID	0.00%
4240140	020-R-021	Regulator	400	400	3	0	90	64	0	0	UNVALID	0.00%
6490020	032-R-013	Regulator	250	60	3	0	450	300	0	0	UNVALID	0.00%
6490025	032-R-041	Regulator	250	60	3	0	375	250	0	0	UNVALID	0.00%
6490120	032-R-016	Regulator	250	<250	3	0	750	500	0	0	UNVALID	0.00%
6490130	032-R-047	Regulator	250	<250	3	0	120	80	0	0	UNVALID	0.00%
6490150	032-R-049	Regulator	250	60	3	0	750	500	0	0	UNVALID	0.00%
6490170	032-R-024	Regulator	250	<250	3	0	450	300	0	0	UNVALID	0.00%
6491974	032-R-045	Regulator	250	<250	3	0	375	250	0	0	UNVALID	0.00%
UNKV (032-R-040)	032-R-040	Regulator	250	60	3	0	600	400	0	0	UNVALID	0.00%
UNKV (032-R-046)	032-R-046	Regulator	250	60	3	0	0	0	0	0	UNVALID	0.00%
213913	020-R-061	Regulator	400	175	3	1106	600	400	720	400	VALID	11.40%
59549	020-R-054	Regulator	250	<= 60 psig	3	0	750	500	740	0	UNVALID	6.78%
42C6202	020-R-014	Regulator	150	<= 60 psig	3	2123	0	0	700	0	UNVALID	2.12%