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Tesoro Alaska Pipeline Company  
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San Antonio, Texas 78259

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March 7, 2014

Mr. Mike Thompson  
State Pipeline Coordinator  
Alaska Department of Natural Resources  
411 West 4th Avenue, Suite 2  
Anchorage, AK 99501

**RE: Annual Report for Right-of-Way Lease - ADL 69354**

Mr. Thompson:

Tesoro Alaska Pipeline Company (Tesoro) is submitting the *2013 Annual Comprehensive Report of Pipeline Activities and State of the Pipeline System* in accordance with Nikiski ROW Lease ADL 69354. If you require additional information or would like to discuss further, please feel free to contact me at 210.626.6343 or [aaron.w.martinez@tsocorp.com](mailto:aaron.w.martinez@tsocorp.com).

Sincerely,

Aaron W. Martinez  
Manager, DOT Compliance

Attachments:  
2013 Comprehensive Report of Pipeline Activities and State of the Pipeline System

Cc: Ben Hagedorn, Natural Resource Specialist, SPCO  
Mr. Shawn Brown, Pipeline Operations Manager, TAPL



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Tesoro Alaska Pipeline Company  
2013 Annual Comprehensive Report of Pipeline Activities  
and  
State of the Pipeline System  
Nikiski ROW Lease ADL #69354

March 1, 2014



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San Antonio, Texas 78259

## 2013 Annual Comprehensive Report of Pipeline Activities and State of the Pipeline System

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# 1 SURVEILLANCE AND MONITORING PROGRAM

## 1.1 *ROW Inspections*

Pursuant to 49 CFR §195.412(a), Tesoro performs inspections of the Tesoro Alaska Pipeline (TAPL) right-of-way (ROW) at least 26 times each calendar year, not exceeding 3 week intervals between inspections. Inspections are performed by both aerial surveillance and ground patrols of the pipeline ROW from the Nikiski Pump Station to the Port of Anchorage. Additional ROW inspections may occur, as necessary, due to construction, maintenance, or other activities occurring on or near the ROW.

ROW inspections are documented on the *Tesoro Pipeline Right-of-Way Inspection Report* form. This documentation is periodically audited by the Pipeline and Hazardous Materials Safety Administration (PHMSA), a division of the U.S. Department of Transportation.

Observations to be reported during the inspection include the following:

- Signs of a possible leak
- Washouts or erosion of the pipeline cover
- Potential encroachments of the ROW, including equipment or other signs of activity on the ROW

Items of concern observed during the TAPL ROW inspections are reported to Tesoro's pipeline supervisor for further investigation. In addition, missing or damaged milepost markers, fences, notification signs, and other pipeline appurtenances are reported and repaired/replaced, as necessary.

**Appendix A** contains a summary of Tesoro's 2013 ROW inspection activity, observations, and corrective actions. The summary lists the date of each inspection, any deficiencies, and corrective action items. There were no significant deficiencies noted during the ROW inspections. There were a few instances of broken pipeline markers which were repaired or replaced.

## 1.2 *ROW Clearing Activities*

In order to facilitate adequate aerial and ground inspection of the TAPL ROW, Tesoro conducts brush and vegetation removal activities, as necessary.

**Appendix B** contains a summary of brush and vegetation removal activities on the pipeline ROW during 2012. Brush removal activities were contained within 5 feet of the TAPL center line, for a total width of 10 feet perpendicular to the pipeline ROW.

The entire TAPL pipeline is within the Seward Meridian (SM). ROW sections cleared in calendar year 2013 were at the following station locations:

- 3134+56 to 3144+75
- 3165+06 to 3174+10
- 3461+02 to 3470+50



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No impacts occurred to the surrounding area during the 2013 brush and vegetation clearing activities along the pipeline ROW.

### ***1.3 Inspection of Crossings under Navigable Waterways***

Tesoro inspects the buried pipeline crossing under the Turnagain Arm at least every 5 years. This survey is performed utilizing side-scan sonar technology by a qualified contractor. This inspection method is able to detect conditions which can be hazardous to the pipe, such as rocks, debris, or protrusions of the pipe above the underwater natural bottom.

The most recent side-scan sonar survey of the underwater portion of the TAPL pipeline was performed in August of 2011. There are no outstanding concerns/recommendations from the survey.

### ***1.4 Line Markers***

In accordance with 49 CFR §195.410, Tesoro maintains line markers over the buried pipeline at each public road crossing, at each railroad crossing, and in sufficient number along the remainder of each buried line so that its location is accurately known. Signs have been posted on the shore where the pipeline enters and exits the underwater portion of the Turnagain Arm. In the heavily developed areas of Anchorage, line markers are placed where practical. The fenced mainline valve stations have signs and/or markers posted on their perimeters.

**Appendix C** contains a summary of the pipeline markers installed during calendar year 2013.

## **2 RISK MANAGEMENT PROGRAMS**

### ***2.1 Operations and Maintenance Manual***

In accordance with 49 CFR §195.402(a), Tesoro is required to have a written operations and maintenance manual of detailed procedures. Tesoro is required to review it once each calendar year, not to exceed 15 month intervals. The most recent manual revision occurred in June of 2013.

### ***2.2 Integrity Management Program***

Tesoro's Integrity Management Program (IMP) consists of detailed written procedures by which Tesoro identifies, prioritizes, assesses, evaluates, repairs and validates the integrity of the Tesoro Alaska Pipeline. Tesoro's IMP was last audited by PHMSA in October of 2010 with no deficiencies were noted. The Tesoro Integrity Management Program was last revised in May of 2013.

### ***2.3 In-Line Inspection Program***

Tesoro utilizes a combination of in-line inspection (ILI) tools and technologies to inspect TAPL for indications of corrosion, metal loss, dents, deformations, and other anomalies in the integrity of the



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pipeline. Tesoro's IMP requires that each identified anomaly be categorized and appropriate repairs and/or mitigative actions be taken.

In accordance with Tesoro's IMP, an ILI of the TAPL was conducted in December of 2010. All required actions were completed in 2011, and no outstanding issues remain on TAPL.

#### ***2.4 Corrosion Monitoring Program***

Tesoro inspects for the effects of internal and external corrosion through in-line inspections performed as required by Tesoro's IMP. Tesoro examines and compares each ILI performed to identify active areas of corrosion. Required repairs and/or mitigative actions are taken when necessary.

#### ***2.5 Cathodic Protection***

Portions of pipeline which are underground are protected from external corrosion by an impressed current cathodic protection (CP) system. As required by 49 CFR §195.573(a)(1), this CP system is inspected annually to determine whether the level of cathodic protection is adequate.

The 2013 Annual CP Survey was conducted in December of 2013.

### **3 PERFORMANCE UNDER THE LEASE**

Throughout calendar year 2013, Tesoro upheld the terms of ROW Lease #ADL 69354 for Nikiski Alaska Pipeline (11/30/1976 origination). All lease reservations, conditions, and limitations were adhered to, which includes ROW stipulations and FAA airspace restrictions.

### **4 STATE OF THE PIPELINE SYSTEM**

There have been no construction or termination activities related to TAPL system in 2013. As demonstrated throughout in this report, Tesoro continues to operate and maintain TAPL within all established safe parameters in accordance with state and federal laws and regulations. Operations and maintenance activities are summarized below.

#### ***4.1 Maps and Records***

The following records are kept and maintained at the Tesoro Alaska Pipeline Company's Kenai Pump Station. These records are periodically audited by PHMSA:

- Tesoro maintains (for at least 3 years) the daily discharge pressure records for the Kenai Pump station.
- Tesoro maintains (for at least 3 years) the operating records that indicate any emergency or abnormal operation has occurred. Documents to be maintained will include any operational records, incident reports and investigation reports, if applicable.
- Tesoro maintains (for the useful life of the pipe) records indicating date, location, and description of each repair made. Any repairs made in 2013 are listed in Section 2, Risk Management Programs, and in the project folders which result from ILI inspections.



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- Tesoro maintains (for one year) the date, location, and description of each repair made to parts of the pipeline system "other than pipe".

#### 4.2 *Maximum Operating Pressure*

As outlined in Tesoro's Operations & Maintenance (O&M) Manual, Tesoro will not operate the pipeline above the maximum operating pressure (MOP) of 1440 psig. Operational controls and protective equipment are in place to prevent the pipeline operating pressure from exceeding 110% of MOP during surge or other variations from normal operations, as required by 49 CFR §195.406(b).

As required by §49 CFR 195.404, operating records of pump discharge pressures are kept for 3 years. There were no overpressure situations recorded in 2013.

#### 4.3 *Communications*

Each attended pipeline facility is equipped with electronic signal devices, which allow the Control Center to monitor and control the pressure, temperature, and flow of the product in the pipeline. The pipeline system is equipped with three types of communication systems:

- a dedicated land line phone system
- cellular phones; and
- a VHF radio to provide communication in the event of a failure of the phone systems

These systems allow for two-way vocal communication between the Kenai Control Center and the Anchorage terminal. In the event of an emergency, the communication system will allow communication with pipeline personnel and with emergency response personnel. Communication interruptions which occurred in calendar year 2013 are detailed within Section 5 (Abnormal and Emergency Operations).

#### 4.4 *Valve Maintenance*

There are nine (9) mainline block valves on TAPL, and three (3) mainline block valves on the ASIG Lateral, which can be utilized during abnormal or emergency conditions to isolate segments of the pipeline. Tesoro maintains each mainline block valve in good working order at all times and within a fenced and locked enclosure to prevent unauthorized operation and vandalism. As required by 49 CFR §195.420(b), Tesoro inspects these valves at least twice each calendar year, not exceeding 7.5 month intervals between inspection. A summary of the 2013 valve inspection dates, results, and accompanying documentation are provided in **Appendix D**. These inspections ensure that valves are in working order and functioning properly.

##### Mainline Block Valves on the TAPL and ASIG Lateral:

- MLV 1- Kenai Pump Station
- MLV 2 - Swanson River South
- MLV 3- Swanson River North
- MLV 4- Moose Point
- MLV 5 - Point Possession
- MLV 6- Point Campbell/ Kincaid Park
- MLV 7 - Ted Stevens Anchorage International Airport
- MLV 8 - Ted Stevens Anchorage International Airport



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- MLV 9 - Northern Lights Boulevard
- MLV 600 -ASIG Inlet
- MLV 601 -ASIG Delivery
- MLV 610 -ASIG Receipt Terminal

#### **4.5 *Other Overpressure Safety Devices, Relief Valves, Control Valves, & Shutdown Devices***

In accordance with 49 CFR §195.428, Tesoro to inspects and tests each pressure limiting device, relief valve, pressure regulator, or other item of pressure control equipment to determine that it is functioning properly, is in good mechanical condition, and is adequate from the standpoint of capacity and reliability of operation for the service in which it is used. This is required to be done once each calendar year, not to exceed 15 months intervals. A summary of results from the 2013 Pipeline Overpressure Safety Device inspections and testing is included in **Appendix E**.

The pumps located in Kenai have both a mechanical and an electrical relay that will shut down the pumps for overpressure protection on the pipeline. Additionally, Tesoro's Operators in Kenai and Anchorage receive overpressure alarms for points along the line which are in their vicinity. Kenai receives overpressure alarms at the origination of the line and for Mainline Valves #2, 3, 4, and 5. Anchorage receives overpressure alarms at the termination of the line, ASIG meters, Mainline Valves #6, 9, 10, and 610. Mainline Valves# 2, #3, #4, #5, #6, and #9 are remote-controlled valves that can be closed if an alarm is received.

TAPL overpressure safety devices:

- Kenai Pump Station
  - High Pressure Shutdown PSHH-20060
  - Scraper trap Pressure Safety Valve PSV-20072
  - Pressure transmitter to control board PT-20033
  - Pressure/Flow Control Valve PV-20033
- Anchorage Receiving Station
  - Flow Control Valve: HCV-002
  - Mainline Pressure Transmitter: PT-002A
  - Scraper trap Pressure Safety Valve PSV-20075
- ASIG Mainline
  - Flow Control Valve: FCV-500
  - Pressure Transmitter: PT-500

#### **4.6 *Facility Security***

In accordance with 49 CFR §195.436, Tesoro provides protection to pumping stations, breakout tank areas, and other exposed facilities from vandalism and unauthorized entry. Tesoro provides perimeter fencing around these facilities. Critical devices within the fenced areas may also be locked. Fencing is maintained in good condition to maintain adequate security in accordance with O&M Procedure LOM024. Fencing conditions deemed to compromise security will be repaired.



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#### **4.7 Control Room Management Program**

In accordance with 49 CFR 195.446, Tesoro has implemented a comprehensive written program for operation of TAPL through a remote operations control center. This program addresses the training, qualification, reliability, and fatigue management of pipeline controllers. Tesoro's Control Room Management Program is subject to periodic inspection by PHMSA.

#### **4.8 Public Awareness**

In accordance with 49 CFR §195.440 and API Recommended Practice 1162, Tesoro has implemented a Public Awareness Program (PAP) intended to provide pipeline safety information to identified stakeholders near the pipeline ROW. Tesoro's PAP was last audited by PHMSA in July of 2011. No deficiencies or violations were noted. Tesoro's PAP was last revised on December 31, 2013.

This Program specifies Tesoro's ongoing effort to educate the residents near the pipeline, persons engaged in excavation activities, and appropriate local public and emergency response officials. Informational/educational mailings to the affected public, excavators, public officials and emergency responders were distributed throughout calendar year 2013. The mailings identify how to avoid pipeline damage and recognize, react, and respond to a pipeline emergency.

Tesoro's PAP also consists of liaison with fire, police, and public officials to learn the responsibility and resources of each and to acquaint them with Tesoro's procedures and ability to respond to an emergency. Tesoro also communicates with local school officials in the vicinity of the pipeline.

#### **4.9 Damage Prevention**

In accordance with 49 CFR §195.444, Tesoro is a member of the Locate Call Center of Alaska, which maintains a qualified One-Call system for areas in which TAPL is located. Notifications from the One-Call Center are faxed to either Tesoro's Nikiski pump station or Tesoro's Port of Anchorage Receiving Station, based on the geographic region of the locate. After a review of the information provided, a designated pipeline employee performs a site visit to evaluate the potential for excavation affecting the pipeline. If excavation is being performed in the vicinity of the pipeline, the ground surface will be marked with yellow paint/markers to indicate the location of the pipeline. Persons performing the excavation will be notified of any specific requirements for protecting the pipeline from damage, including tolerance zones and areas in which mechanical excavation may not be used.

In 2013, there were 228 One-Call notifications made in the vicinity of TAPL which Tesoro responded to. There was no 3<sup>rd</sup> party excavation damage to TAPL in calendar year 2013.

#### **4.10 Operator Qualification Program**

In accordance with 49 CFR Part 195, Subpart G, Tesoro maintains a comprehensive program for the evaluation and qualification of personnel performing operations and maintenance activities on TAPL. Tesoro's Operator Qualification (OQ) Program was audited by PHMSA in February of 2008. No violations or requests for amendment resulting from this inspection have been received.



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## 5 ABNORMAL AND EMERGENCY OPERATIONS

### 5.1 *Abnormal Operations*

Abnormal Operations are defined by §49 CFR 195.402(d) as events that exceed operating design limits, such as unintended valve closures, unintended system shutdown, pressures or flow rates outside normal operating limits, loss of communications, or operation of a safety device.

During 2013, Tesoro responded to, investigated, and corrected 20 events identified as potential abnormal operations on TAPL. Abnormal Operations Report forms are provided in **Appendix F**. In summary, these events included:

- **Leak alarms** - 7 events of leak alarms. In response to a leak alarm, TAPL is immediately shutdown and a leak investigation is initiated. In all 7 cases, the leak alarm was determined to be false. Prior to resuming normal operations, the pipeline is pressured up and held at a steady state for at least 30 minutes, to verify that no leak exists.
- **Communication Failure** – 12 events of communication failure. In the event of a communication failure with a pipeline component or instrument system, Tesoro initiates an investigation to ensure that the pipeline remains within safe parameters. In cases where the communication failure inhibits Tesoro’s ability to safely monitor pipeline parameters, then the pipeline is shutdown until repairs and/or mitigative actions can be taken.
- **Component Malfunction** – 1 event of component malfunction. TAPL experienced one event in which the pipeline unexpectedly shutdown due to a malfunction of a PLC. The PLC was replaced the pipeline was safety restarted.

### 5.2 *Emergency Operations*

TAPL did not experience any emergency operations in 2013.

## 6 SUMMARY OF DISCHARGES

Tesoro records all oil and hazardous substance discharges within its SAP Incident Management database. In addition, an incident report is compiled to document the release date, substance, quantity, location, cause, and cleanup actions. Throughout calendar year 2013, no oil or hazardous substance discharges occurred along the TAPL ROW.

## 7 OTHER INFORMATION REQUESTED BY THE STATE PIPELINE COORDINATOR

### 7.1 *Throughput*

During 2013, the throughput of all products was as follows:



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<u>Product</u>	<u>2013 Throughput (bbls)</u>
Premium Unleaded Gasoline	690,843
Unleaded Gasoline	3,485,114
Jet A	6,638,783
Ultra-low Sulfur Diesel #1	1,585,096
Ultra-low Sulfur Diesel #2	685,556
Total	13,085,392

## 7.2 *Reliability Percentage*

The Reliability Percentage for the TAPL was 99.9% in 2013.

## 7.3 *2014 Planned Projects*

Tesoro's 2014 planned projects include the following:

- At least twenty-six ROW inspections are scheduled to occur in 2014, at intervals not exceeding 3 weeks
- The annual CP survey is scheduled for the 4th quarter
- In-line inspection of the Tesoro Alaska Pipeline
- Installation of the a new cathodic protection ground bed and rectifier
- An electrical interference survey is to be performed in the vicinity of a new wind farm



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## APPENDIX A

### 2013 RIGHT-OF-WAY (ROW) INSPECTION ACTIVITY

# TESORO PIPELINE RIGHT-OF-WAY INSPECTION REPORT

Date: <u>12/23/13</u>	Departure Time: <u>1143</u>	Pilot Name: <u>Don Brewer</u>
Observer: <u>D. Grubbs</u>	A/C Number: <u>N1085</u>	Pilot Signature: <u>[Signature]</u>

## OBSERVATIONS LOG

LANDMARK	TIME	RECORD OBSERVATIONS
4 + 31 Refinery Pump Station Mainline Valve No. 1	1152	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
712 + 29 Rectifier - Captain Cook State Park	1200	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
857 + 46 Swanson River Mainline Valve No. 2 879 + 34 Mainline Valve No. 3	1202	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
1625 + 77 Mainline Valve No. 4 Moose Point	1212	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
2319 + 12 Mainline Valve No. 5 Point Possession	1220	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3165 + 06 Mainline Valve No. 6 Point Campbell	1229	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 94 Mainline Valve No. 7 ASIG Tie-in	1237	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 94 Mainline Valve No. 8 ASIG Tie-in	1231	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3461 + 64 Mainline Valve No. 9	1233	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3624 + 89 Port of Anchorage Receiving Station	1234	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____

### OBSERVER CERTIFICATION

I CERTIFY THAT I HAVE COMPLETED A THOROUGH VISUAL INSPECTION OF THE TESORO ALASKA PIPELINE AND THAT ALL DEFICIENCIES (IF NOTED) HAVE BEEN DOCUMENTED IN THE COMMENT SECTION OF THIS REPORT. ALL PIPELINE PROBLEMS HAVE BEEN REPORTED UPON DISCOVERY.

<u>[Signature]</u> OBSERVERS SIGNATURE	<u>12/23/13</u> DATE	<u>[Signature]</u> SUPERVISOR SIGNATURE	<u>12-23-13</u> DATE
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### INSPECTION ACTIONS

- NO DEFICIENCIES NOTED
- FOLLOW-UP FLIGHT OR SURFACE INSPECTION RECOMMENDED AFTER DEBRIEF.

# TESORO PIPELINE RIGHT-OF-WAY INSPECTION REPORT

Date: <u>12/19/13</u>	Departure Time: <u>0930</u>	Pilot Name: <u>N/A</u>	
Observer: <u>Pokorski/Manz</u>	A/C Number: <u>Snow Machine</u>	Pilot Signature: <u>N/A</u>	

## OBERVATIONS LOG

LANDMARK	TIME	RECORD OBSERVATIONS
4 + 31 Refinery Pump Station Mainline Valve No. 1		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
712 + 29 Rectifier - Captain Cook State Park		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
857 + 46 Swanson River Mainline Valve No. 2 879 + 34 Mainline Valve No. 3		<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: <u>Changed out 3- N2 Bottles @ Mainline Valve No. 3</u>
1625 + 77 Mainline Valve No. 4 Moose Point		<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
2319 + 12 Mainline Valve No. 5 Point Possession		<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: <u>CP Redding</u>
3165 + 06 Mainline Valve No. 6 Point Campbell		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 94 Mainline Valve No. 7 ASIG Tie-in		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 94 Mainline Valve No. 8 ASIG Tie-in		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3461 + 64 Mainline Valve No. 9		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3624 + 89 Port of Anchorage Receiving Station		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____

### OBSERVER CERTIFICATION

I CERTIFY THAT I HAVE COMPLETED A THOROUGH VISUAL INSPECTION OF THE TESORO ALASKA PIPELINE AND THAT ALL DEFICIENCIES (IF NOTED) HAVE BEEN DOCUMENTED IN THE COMMENT SECTION OF THIS REPORT. ALL PIPELINE PROBLEMS HAVE BEEN REPORTED UPON DISCOVERY.

 _____ OBSERVERS SIGNATURE	<u>12/19/13</u> _____ DATE	 _____ SUPERVISOR SIGNATURE	<u>12/19/13</u> _____ DATE
----------------------------------	----------------------------------	-----------------------------------	----------------------------------

### INSPECTION ACTIONS

- NO DEFICIENCIES NOTED
- FOLLOW-UP FLIGHT OR SURFACE INSPECTION RECOMMENDED AFTER DEBRIEF.

# TESORO PIPELINE RIGHT-OF-WAY INSPECTION REPORT

Date:	12-18-2013	Departure Time:		Pilot Name:	
Observer:	C. Culham	A/C Number:		Pilot Signature:	

## OBSERVATIONS LOG

LANDMARK	TIME	RECORD OBSERVATIONS
3134 + 56 Test Coupon Station Kincaid Park/Point Campbell	12/18/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3165 + 06 Mainline Valve No. 6 Kincaid Park	12/18/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3252 + 07 Test Coupon Station Clithrow Center	12/18/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 81 Tesoro Branch line tie-in to AFSC	12/18/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 94 Mainline Valves No. 7 & 8	12/18/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3461 + 64 Mainline Valve No. 9 Northern Lights Blvd.	12/18/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3474 + 08 Fish Creek Crossing	12/18/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3511 + 12 Chester Creek Crossing	12/18/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3592 + 25 Ship Creek Crossing	12/18/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3624 + 89 Test Coupon Station - Port of Anchorage Pipeline Receiving Station	12/18/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____

### OBSERVER CERTIFICATION

I CERTIFY THAT I HAVE COMPLETED A THOROUGH VISUAL INSPECTION OF THE TESORO ALASKA PIPELINE AND THAT ALL DEFICIENCIES (IF NOTED) HAVE BEEN DOCUMENTED IN THE COMMENT SECTION OF THIS REPORT. ALL PIPELINE PROBLEMS HAVE BEEN REPORTED UPON DISCOVERY.

 OBSERVERS SIGNATURE	12-18-13 DATE	 SUPERVISOR SIGNATURE	12-18-13 DATE
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### INSPECTION ACTIONS

- NO DEFICIENCIES NOTED
- FOLLOW-UP FLIGHT OR SURFACE INSPECTION RECOMMENDED AFTER DEBRIEF.

# TESORO PIPELINE RIGHT-OF-WAY INSPECTION REPORT

Date: 12-10-13      Departure Time: 1335      Pilot Name: Doug Brewer  
 Observer: Zac Miller      A/C Number: Cub      Pilot Signature: [Signature]

## OBSERVATIONS LOG

LANDMARK	TIME	RECORD OBSERVATIONS
4 + 31      Refinery Pump Station Mainline Valve No. 1	1344	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
712 + 29      Rectifier - Captain Cook State Park	1352	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
857 + 46      Swanson River Mainline Valve No. 2 879 + 34      Mainline Valve No. 3	1355	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
1625 + 77      Mainline Valve No. 4 Moose Point	1409	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
2319 + 12      Mainline Valve No. 5 Point Possession	1415	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
25 + 06      Mainline Valve No. 6 Point Campbell	N/A	<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: <u>Weather - Foggy &amp; Snowy</u> <u>Pilot would not fly in conditions.</u>
3293 + 94      Mainline Valve No. 7 ASIG Tie-in	↓	<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 94      Mainline Valve No. 8 ASIG Tie-in		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3461 + 64      Mainline Valve No. 9		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3624 + 89      Port of Anchorage Receiving Station		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____

### OBSERVER CERTIFICATION

I CERTIFY THAT I HAVE COMPLETED A THOROUGH VISUAL INSPECTION OF THE TESORO ALASKA PIPELINE AND THAT ALL DEFICIENCIES (IF NOTED) HAVE BEEN DOCUMENTED IN THE COMMENT SECTION OF THIS REPORT. ALL PIPELINE PROBLEMS HAVE BEEN REPORTED UPON DISCOVERY.

[Signature]      12-10-13      [Signature]      12-10-13  
 OBSERVER'S SIGNATURE      DATE      SUPERVISOR SIGNATURE      DATE

### INSPECTION ACTIONS

- NO DEFICIENCIES NOTED  
 FOLLOW-UP FLIGHT OR SURFACE INSPECTION RECOMMENDED AFTER DEBRIEF.

# TESORO PIPELINE RIGHT-OF-WAY INSPECTION REPORT

Date:	12-9-13	Departure Time:	NOT DONE	Pilot Name:	
Observer:		A/C Number:	DUE TO WEATHER	Pilot Signature:	

## OBSERVATIONS LOG

LANDMARK	TIME	RECORD OBSERVATIONS
4 + 31 Refinery Pump Station Mainline Valve No. 1		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
712 + 29 Rectifier - Captain Cook State Park		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
857 + 46 Swanson River Mainline Valve No. 2 879 + 34 Mainline Valve No. 3		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
1625 + 77 Mainline Valve No. 4 Moose Point		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
2319 + 12 Mainline Valve No. 5 Point Possession		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
5 + 06 Mainline Valve No. 6 Point Campbell		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 94 Mainline Valve No. 7 ASIG Tie-in		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 94 Mainline Valve No. 8 ASIG Tie-in		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3461 + 64 Mainline Valve No. 9		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3624 + 89 Port of Anchorage Receiving Station		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____

### OBSERVER CERTIFICATION

I CERTIFY THAT I HAVE COMPLETED A THOROUGH VISUAL INSPECTION OF THE TESORO ALASKA PIPELINE AND THAT ALL DEFICIENCIES (IF NOTED) HAVE BEEN DOCUMENTED IN THE COMMENT SECTION OF THIS REPORT. ALL PIPELINE PROBLEMS HAVE BEEN REPORTED UPON DISCOVERY.

		<i>Karin Morse</i>	12-9-13
OBSERVERS SIGNATURE	DATE	SUPERVISOR SIGNATURE	DATE

### INSPECTION ACTIONS

- NO DEFICIENCIES NOTED
- FOLLOW-UP FLIGHT OR SURFACE INSPECTION RECOMMENDED AFTER DEBRIEF.

# TESORO PIPELINE RIGHT-OF-WAY INSPECTION REPORT

Date:	12-8-13	Departure Time:	NOT DONE	Pilot Name:	
Observer:		A/C Number:	DUE TO WEATHER	Pilot Signature:	

## OBERVATIONS LOG

LANDMARK	TIME	RECORD OBSERVATIONS
4 + 31 Refinery Pump Station Mainline Valve No. 1		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
712 + 29 Rectifier - Captain Cook State Park		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
857 + 46 Swanson River Mainline Valve No. 2 879 + 34 Mainline Valve No. 3		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
1625 + 77 Mainline Valve No. 4 Moose Point		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
2319 + 12 Mainline Valve No. 5 Point Possession		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
5 + 06 Mainline Valve No. 6 Point Campbell		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 94 Mainline Valve No. 7 ASIG Tie-in		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 94 Mainline Valve No. 8 ASIG Tie-in		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3461 + 64 Mainline Valve No. 9		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3624 + 89 Port of Anchorage Receiving Station		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____

### OBSERVER CERTIFICATION

I CERTIFY THAT I HAVE COMPLETED A THOROUGH VISUAL INSPECTION OF THE TESORO ALASKA PIPELINE AND THAT ALL DEFICIENCIES (IF NOTED) HAVE BEEN DOCUMENTED IN THE COMMENT SECTION OF THIS REPORT. ALL PIPELINE PROBLEMS HAVE BEEN REPORTED UPON DISCOVERY.

OBSERVERS SIGNATURE	DATE	SUPERVISOR SIGNATURE	12-8-13 DATE
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### INSPECTION ACTIONS

- NO DEFICIENCIES NOTED
- FOLLOW-UP FLIGHT OR SURFACE INSPECTION RECOMMENDED AFTER DEBRIEF.

# TESORO PIPELINE RIGHT-OF-WAY INSPECTION REPORT

Date: 12-7-13	Departure Time: NOT DONE	Pilot Name:	
Observer:	A/C Number: DUE TO WEATHER	Pilot Signature:	

## OBSERVATIONS LOG

LANDMARK	TIME	RECORD OBSERVATIONS
4 + 31 Refinery Pump Station Mainline Valve No. 1		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
712 + 29 Rectifier - Captain Cook State Park		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
857 + 46 Swanson River Mainline Valve No. 2 879 + 34 Mainline Valve No. 3		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
1625 + 77 Mainline Valve No. 4 Moose Point		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
2319 + 12 Mainline Valve No. 5 Point Possession		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
5 + 06 Mainline Valve No. 6 Point Campbell		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 94 Mainline Valve No. 7 ASIG Tie-in		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 94 Mainline Valve No. 8 ASIG Tie-in		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3461 + 64 Mainline Valve No. 9		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3624 + 89 Port of Anchorage Receiving Station		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____

### OBSERVER CERTIFICATION

I CERTIFY THAT I HAVE COMPLETED A THOROUGH VISUAL INSPECTION OF THE TESORO ALASKA PIPELINE AND THAT ALL DEFICIENCIES (IF NOTED) HAVE BEEN DOCUMENTED IN THE COMMENT SECTION OF THIS REPORT. ALL PIPELINE PROBLEMS HAVE BEEN REPORTED UPON DISCOVERY.

_____ OBSERVERS SIGNATURE	_____ DATE	 _____ SUPERVISOR SIGNATURE	12-7-13 DATE
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### INSPECTION ACTIONS

- NO DEFICIENCIES NOTED
- FOLLOW-UP FLIGHT OR SURFACE INSPECTION RECOMMENDED AFTER DEBRIEF.

# TESORO PIPELINE RIGHT-OF-WAY INSPECTION REPORT

Date:	12-6-13	Departure Time:		Pilot Name:	
Observer:	E. Calhoun	A/C Number:		Pilot Signature:	

## OBSERVATIONS LOG

LANDMARK	TIME	RECORD OBSERVATIONS
3134 + 56 Test Coupon Station Kincaid Park/Point Campbell	12/6/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3165 + 06 Mainline Valve No. 6 Kincaid Park	12/6/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3252 + 07 Test Coupon Station Clithrow Center	12/6/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 81 Tesoro Branch line tie-in to AFSC	12/6/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 94 Mainline Valves No. 7 & 8	12/6/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3461 + 64 Mainline Valve No. 9 Northern Lights Blvd.	12/6/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3474 + 08 Fish Creek Crossing	12/6/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3511 + 12 Chester Creek Crossing	12/6/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3592 + 25 Shp Creek Crossing	12/6/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3624 + 89 Test Coupon Station - Port of Anchorage Pipeline Receiving Station	12/6/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____

### OBSERVER CERTIFICATION

I CERTIFY THAT I HAVE COMPLETED A THOROUGH VISUAL INSPECTION OF THE TESORO ALASKA PIPELINE AND THAT ALL DEFICIENCIES (IF NOTED) HAVE BEEN DOCUMENTED IN THE COMMENT SECTION OF THIS REPORT. ALL PIPELINE PROBLEMS HAVE BEEN REPORTED UPON DISCOVERY.

 OBSERVERS SIGNATURE	12-6-13 DATE	 SUPERVISOR SIGNATURE	12-6-13 DATE
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### INSPECTION ACTIONS

- NO DEFICIENCIES NOTED
- FOLLOW-UP FLIGHT OR SURFACE INSPECTION RECOMMENDED AFTER DEBRIEF.

# TESORO PIPELINE RIGHT-OF-WAY INSPECTION REPORT

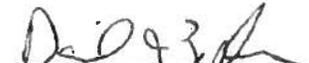
Date:	11-22-13	Departure Time:		Pilot Name:	
Observer:	C. Callahan	A/C Number:		Pilot Signature:	

## OBSERVATIONS LOG

LANDMARK	TIME	RECORD OBSERVATIONS
3134 + 56 Test Coupon Station Kincaid Park/Point Campbell	11/26/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3165 + 06 Mainline Valve No. 6 Kincaid Park	11/26/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3252 + 07 Test Coupon Station Clithrow Center	11/26/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 81 Tesoro Branch line tie-in to AFSC	11/26/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 94 Mainline Valves No. 7 & 8	11/26/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3461 + 64 Mainline Valve No. 9 Northern Lights Blvd.	11/26/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3474 + 08 Fish Creek Crossing	11/26/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3511 + 12 Chester Creek Crossing	11/26/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3592 + 25 Ship Creek Crossing	11/26/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3624 + 89 Test Coupon Station - Port of Anchorage Pipeline Receiving Station	11/26/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____

### OBSERVER CERTIFICATION

I CERTIFY THAT I HAVE COMPLETED A THOROUGH VISUAL INSPECTION OF THE TESORO ALASKA PIPELINE AND THAT ALL DEFICIENCIES (IF NOTED) HAVE BEEN DOCUMENTED IN THE COMMENT SECTION OF THIS REPORT. ALL PIPELINE PROBLEMS HAVE BEEN REPORTED UPON DISCOVERY.

 OBSERVERS SIGNATURE	11-26-13 DATE	 SUPERVISOR SIGNATURE	11-26-13 DATE
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### INSPECTION ACTIONS

- NO DEFICIENCIES NOTED
- FOLLOW-UP FLIGHT OR SURFACE INSPECTION RECOMMENDED AFTER DEBRIEF.

# TESORO PIPELINE RIGHT-OF-WAY INSPECTION REPORT

Date: <u>11-26-13</u>	Departure Time: <u>09:30</u>	Pilot Name: _____	
Observer: <u>Manzek, Pete</u>	A/C Number: _____	Pilot Signature: _____	

## OBSERVATIONS LOG

LANDMARK	TIME	RECORD OBSERVATIONS
4 + 31 Refinery Pump Station Mainline Valve No. 1		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
712 + 29 Rectifier - Captain Cook State Park		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
857 + 46 Swanson River Mainline Valve No. 2 879 + 34 Mainline Valve No. 3		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
1625 + 77 Mainline Valve No. 4 Moose Point	<u>11:00</u>	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: <u>Add water to Batteries, inspected Valve</u>
2319 + 12 Mainline Valve No. 5 Point Possession	<u>13:00</u>	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: <u>Added water to Batteries, inspected Valves installed valve on propane tanks.</u>
5 + 06 Mainline Valve No. 6 Point Campbell		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 94 Mainline Valve No. 7 ASIG Tie-in		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 94 Mainline Valve No. 8 ASIG Tie-in		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3461 + 64 Mainline Valve No. 9		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3624 + 89 Port of Anchorage Receiving Station		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____

### OBSERVER CERTIFICATION

I CERTIFY THAT I HAVE COMPLETED A THOROUGH VISUAL INSPECTION OF THE TESORO ALASKA PIPELINE AND THAT ALL DEFICIENCIES (IF NOTED) HAVE BEEN DOCUMENTED IN THE COMMENT SECTION OF THIS REPORT. ALL PIPELINE PROBLEMS HAVE BEEN REPORTED UPON DISCOVERY.

Pete Manzek  
OBSERVERS SIGNATURE

11-26-13  
DATE

[Signature]  
SUPERVISOR SIGNATURE

11/26/13  
DATE

### INSPECTION ACTIONS

- NO DEFICIENCIES NOTED  
 FOLLOW-UP FLIGHT OR SURFACE INSPECTION RECOMMENDED AFTER DEBRIEF.

# TESORO PIPELINE RIGHT-OF-WAY INSPECTION REPORT

Date:	11-25-13	Departure Time:	10: Am	Pilot Name:	
Observer:	6EP	A/C Number:		Pilot Signature:	

## OBERVATIONS LOG

LANDMARK	TIME	RECORD OBSERVATIONS
4 + 31 Refinery Pump Station Mainline Valve No. 1		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
712 + 29 Rectifier - Captain Cook State Park		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
857 + 46 Swanson River Mainline Valve No. 2 879 + 34 Mainline Valve No. 3		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
1625 + 77 Mainline Valve No. 4 Moose Point	12:30	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
2319 + 12 Mainline Valve No. 5 Point Possession		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3165 + 06 Mainline Valve No. 6 Point Campbell		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 94 Mainline Valve No. 7 ASIG Tie-in		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 94 Mainline Valve No. 8 ASIG Tie-in		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3461 + 64 Mainline Valve No. 9		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3624 + 89 Port of Anchorage Receiving Station		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____

### OBSERVER CERTIFICATION

I CERTIFY THAT I HAVE COMPLETED A THOROUGH VISUAL INSPECTION OF THE TESORO ALASKA PIPELINE AND THAT ALL DEFICIENCIES (IF NOTED) HAVE BEEN DOCUMENTED IN THE COMMENT SECTION OF THIS REPORT. ALL PIPELINE PROBLEMS HAVE BEEN REPORTED UPON DISCOVERY.

 _____ OBSERVERS SIGNATURE	11-25-13 _____ DATE	 _____ SUPERVISOR SIGNATURE	11/25/13 _____ DATE
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### INSPECTION ACTIONS

- NO DEFICIENCIES NOTED
- FOLLOW-UP FLIGHT OR SURFACE INSPECTION RECOMMENDED AFTER DEBRIEF.

# TESORO PIPELINE RIGHT-OF-WAY INSPECTION REPORT

Date:	11-23-13	Departure Time:	1240	Pilot Name:	Doug Breve
Observer:	J. FEUTMAN	A/C Number:	N189AW	Pilot Signature:	<i>[Signature]</i>

## OBSERVATIONS LOG

LANDMARK	TIME	RECORD OBSERVATIONS
4 + 31 Refinery Pump Station Mainline Valve No. 1	1247	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
712 + 29 Rectifier - Captain Cook State Park	1254	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
857 + 46 Swanson River Mainline Valve No. 2 879 + 34 Mainline Valve No. 3	1255	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
1625 + 77 Mainline Valve No. 4 Moose Point	1303	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
2319 + 12 Mainline Valve No. 5 Point Possession	1312	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3165 + 06 Mainline Valve No. 6 Point Campbell	1318	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 94 Mainline Valve No. 7 ASIG Tie-in	1319	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 94 Mainline Valve No. 8 ASIG Tie-in	1320	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3461 + 64 Mainline Valve No. 9	1320	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3624 + 89 Port of Anchorage Receiving Station	1321	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____

### OBSERVER CERTIFICATION

I CERTIFY THAT I HAVE COMPLETED A THOROUGH VISUAL INSPECTION OF THE TESORO ALASKA PIPELINE AND THAT ALL DEFICIENCIES (IF NOTED) HAVE BEEN DOCUMENTED IN THE COMMENT SECTION OF THIS REPORT. ALL PIPELINE PROBLEMS HAVE BEEN REPORTED UPON DISCOVERY.

<i>[Signature]</i> OBSERVERS SIGNATURE	11-23-13 DATE	<i>[Signature]</i> SUPERVISOR SIGNATURE	11/23/13 DATE
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### INSPECTION ACTIONS

- NO DEFICIENCIES NOTED
- FOLLOW-UP FLIGHT OR SURFACE INSPECTION RECOMMENDED AFTER DEBRIEF.

# TESORO PIPELINE RIGHT-OF-WAY INSPECTION REPORT

Date:	11-22-13	Departure Time:		Pilot Name:	
Observer:	C. Culhoun	A/C Number:		Pilot Signature:	

## OBSERVATIONS LOG

LANDMARK	TIME	RECORD OBSERVATIONS
3134 + 56 Test Coupon Station Kincaid Park/Point Campbell	11/26/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3165 + 06 Mainline Valve No. 6 Kincaid Park	11/26/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3252 + 07 Test Coupon Station Clithrow Center	11/26/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 81 Tesoro Branch line tie-in to AFSC	11/26/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 94 Mainline Valves No. 7 & 8	11/26/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3461 + 64 Mainline Valve No. 9 Northern Lights Blvd.	11/26/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3474 + 08 Fish Creek Crossing	11/26/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3511 + 12 Chester Creek Crossing	11/26/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3592 + 25 Ship Creek Crossing	11/26/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3624 + 89 Test Coupon Station - Port of Anchorage Pipeline Receiving Station	11/26/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____

### OBSERVER CERTIFICATION

I CERTIFY THAT I HAVE COMPLETED A THOROUGH VISUAL INSPECTION OF THE TESORO ALASKA PIPELINE AND THAT ALL DEFICIENCIES (IF NOTED) HAVE BEEN DOCUMENTED IN THE COMMENT SECTION OF THIS REPORT. ALL PIPELINE PROBLEMS HAVE BEEN REPORTED UPON DISCOVERY.

 _____ OBSERVERS SIGNATURE	11-26-13 _____ DATE	 _____ SUPERVISOR SIGNATURE	11-26-13 _____ DATE
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### INSPECTION ACTIONS

- NO DEFICIENCIES NOTED
- FOLLOW-UP FLIGHT OR SURFACE INSPECTION RECOMMENDED AFTER DEBRIEF.

# TESORO PIPELINE RIGHT-OF-WAY INSPECTION REPORT

Date: <u>11-11-13</u>	Departure Time: <u>12:20</u>	Pilot Name: <u>Joel</u>	
Observer: <u>Shelley</u>	A/C Number: <u>        </u>	Pilot Signature: <u>[Signature]</u>	

## OBSERVATIONS LOG

LANDMARK	TIME	RECORD OBSERVATIONS
4 + 31 Refinery Pump Station Mainline Valve No. 1	<u>12:27</u> <u>13:16</u>	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
712 + 29 Rectifier - Captain Cook State Park	<u>12:33</u>	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
857 + 46 Swanson River Mainline Valve No. 2 879 + 34 Mainline Valve No. 3	<u>12:39</u>	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
1625 + 77 Mainline Valve No. 4 Moose Point	<u>12:42</u>	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
2319 + 12 Mainline Valve No. 5 Point Possession	<u>12:48</u>	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
5 + 06 Mainline Valve No. 6 Point Campbell		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 94 Mainline Valve No. 7 ASIG Tie-in		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 94 Mainline Valve No. 8 ASIG Tie-in		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3461 + 64 Mainline Valve No. 9		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3624 + 89 Port of Anchorage Receiving Station		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____

### OBSERVER CERTIFICATION

I CERTIFY THAT I HAVE COMPLETED A THOROUGH VISUAL INSPECTION OF THE TESORO ALASKA PIPELINE AND THAT ALL DEFICIENCIES (IF NOTED) HAVE BEEN DOCUMENTED IN THE COMMENT SECTION OF THIS REPORT. ALL PIPELINE PROBLEMS HAVE BEEN REPORTED UPON DISCOVERY.

<u>[Signature]</u> OBSERVERS SIGNATURE	<u>11-11-13</u> DATE	<u>[Signature]</u> SUPERVISOR SIGNATURE	<u>11-11-13</u> DATE
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### INSPECTION ACTIONS

- NO DEFICIENCIES NOTED
- FOLLOW-UP FLIGHT OR SURFACE INSPECTION RECOMMENDED AFTER DEBRIEF.

# TESORO PIPELINE RIGHT-OF-WAY INSPECTION REPORT

Date: <u>11-8-13</u>	Departure Time: _____	Pilot Name: _____	
Observer: <u>C. Calhoun</u>	A/C Number: _____	Pilot Signature: _____	

## OBSERVATIONS LOG

LANDMARK	TIME	RECORD OBSERVATIONS
3134 + 56 Test Coupon Station Kincaid Park/Point Campbell	11/ 4/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3165 + 06 Mainline Valve No. 6 Kincaid Park	11/ 4/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3252 + 07 Test Coupon Station Clithrow Center	11/ 4/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 81 Tesoro Branch line tie-in to AFSC	11/ 4/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 94 Mainline Valves No. 7 & 8	11/ 4/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3461 + 64 Mainline Valve No. 9 Northern Lights Blvd.	11/ 4/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3474 + 08 Fish Creek Crossing	11/ 4/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3511 + 12 Chester Creek Crossing	11/ 4/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3592 + 25 Ship Creek Crossing	11/ 7/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3624 + 89 Test Coupon Station - Port of Anchorage Pipeline Receiving Station	11/ 7/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____

### OBSERVER CERTIFICATION

I CERTIFY THAT I HAVE COMPLETED A THOROUGH VISUAL INSPECTION OF THE TESORO ALASKA PIPELINE AND THAT ALL DEFICIENCIES (IF NOTED) HAVE BEEN DOCUMENTED IN THE COMMENT SECTION OF THIS REPORT. ALL PIPELINE PROBLEMS HAVE BEEN REPORTED UPON DISCOVERY.

<u>C. Calhoun</u>	<u>11-4-13</u>	<u>De [Signature]</u>	<u>11-8-13</u>
OBSERVERS SIGNATURE	DATE	SUPERVISOR SIGNATURE	DATE

### INSPECTION ACTIONS

- NO DEFICIENCIES NOTED
- FOLLOW-UP FLIGHT OR SURFACE INSPECTION RECOMMENDED AFTER DEBRIEF.

# TESORO PIPELINE RIGHT-OF-WAY INSPECTION REPORT

Date:	10-31-13	Departure Time:		Pilot Name:	
Observer:	ZUKR	A/C Number:		Pilot Signature:	

## OBSERVATIONS LOG

LANDMARK	TIME	RECORD OBSERVATIONS
3134 + 56 Test Coupon Station Kincaid Park/Point Campbell		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3165 + 06 Mainline Valve No. 6 Kincaid Park		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3252 + 07 Test Coupon Station Clithrow Center		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 81 Tesoro Branch line tie-in to AFSC		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 94 Mainline Valves No. 7 & 8		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3461 + 64 Mainline Valve No. 9 Northern Lights Blvd.		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3474 + 08 Fish Creek Crossing	10/31/13	<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: <u>Small tree was removed from ROW 2000 Feet downstream of Fish Creek</u>
3511 + 12 Chester Creek Crossing		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3592 + 25 Ship Creek Crossing		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3624 + 89 Test Coupon Station - Port of Anchorage Pipeline Receiving Station		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____

### OBSERVER CERTIFICATION

I CERTIFY THAT I HAVE COMPLETED A THOROUGH VISUAL INSPECTION OF THE TESORO ALASKA PIPELINE AND THAT ALL DEFICIENCIES (IF NOTED) HAVE BEEN DOCUMENTED IN THE COMMENT SECTION OF THIS REPORT. ALL PIPELINE PROBLEMS HAVE BEEN REPORTED UPON DISCOVERY.

Dail J. Zuck      10/31/13  
 \_\_\_\_\_      \_\_\_\_\_  
 OBSERVERS SIGNATURE      DATE

\_\_\_\_\_      \_\_\_\_\_  
 SUPERVISOR SIGNATURE      DATE

### INSPECTION ACTIONS

- NO DEFICIENCIES NOTED
- FOLLOW-UP FLIGHT OR SURFACE INSPECTION RECOMMENDED AFTER DEBRIEF.

# TESORO PIPELINE RIGHT-OF-WAY INSPECTION REPORT

Date:	10-29-13	Departure Time:	1115	Pilot Name:	Doug Brewer
Observer:	JUST FLETCHER	A/C Number:	N109J	Pilot Signature:	<i>[Signature]</i>

## OBSERVATIONS LOG

LANDMARK	TIME	RECORD OBSERVATIONS
4 + 31 Refinery Pump Station Mainline Valve No. 1	1120	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
712 + 29 Rectifier - Captain Cook State Park	1125	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
857 + 46 Swanson River Mainline Valve No. 2 879 + 34 Mainline Valve No. 3	1127	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
1625 + 77 Mainline Valve No. 4 Moose Point	1132	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
2319 + 12 Mainline Valve No. 5 Point Possession	1138	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
5 + 06 Mainline Valve No. 6 Point Campbell	1144	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 94 Mainline Valve No. 7 ASIG Tie-in	1145	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 94 Mainline Valve No. 8 ASIG Tie-in	1146	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3461 + 64 Mainline Valve No. 9	1146	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3624 + 89 Port of Anchorage Receiving Station	1147	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____

### OBSERVER CERTIFICATION

I CERTIFY THAT I HAVE COMPLETED A THOROUGH VISUAL INSPECTION OF THE TESORO ALASKA PIPELINE AND THAT ALL DEFICIENCIES (IF NOTED) HAVE BEEN DOCUMENTED IN THE COMMENT SECTION OF THIS REPORT. ALL PIPELINE PROBLEMS HAVE BEEN REPORTED UPON DISCOVERY.

<i>[Signature]</i>	10-29-13	<i>[Signature]</i>	10-29-13
OBSERVERS SIGNATURE	DATE	SUPERVISOR SIGNATURE	DATE

### INSPECTION ACTIONS

- NO DEFICIENCIES NOTED
- FOLLOW-UP FLIGHT OR SURFACE INSPECTION RECOMMENDED AFTER DEBRIEF.

# TESORO PIPELINE RIGHT-OF-WAY INSPECTION REPORT

Date: <u>10-25-13</u>	Departure Time: _____	Pilot Name: _____	
Observer: <u>C. Calhoun</u>	A/C Number: _____	Pilot Signature: _____	

## OBSERVATIONS LOG

LANDMARK	TIME	RECORD OBSERVATIONS
3134 + 56 Test Coupon Station Kincaid Park/Point Campbell	<u>10/25/13</u>	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3165 + 06 Mainline Valve No. 6 Kincaid Park	<u>10/25/13</u>	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3252 + 07 Test Coupon Station Clithrow Center	<u>10/25/13</u>	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 81 Tesoro Branch line tie-in to AFSC	<u>10/25/13</u>	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 94 Mainline Valves No. 7 & 8	<u>10/25/13</u>	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3461 + 64 Mainline Valve No. 9 Northern Lights Blvd.	<u>10/25/13</u>	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3474 + 08 Fish Creek Crossing	<u>10/25/13</u>	<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: <u>Small tree down across ROW 2000 ft downstream of Fish Creek Crossing</u>
3511 + 12 Chester Creek Crossing	<u>10/25/13</u>	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3592 + 25 Ship Creek Crossing	<u>10/25/13</u>	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3624 + 89 Test Coupon Station - Port of Anchorage Pipeline Receiving Station	<u>10/25/13</u>	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____

### OBSERVER CERTIFICATION

I CERTIFY THAT I HAVE COMPLETED A THOROUGH VISUAL INSPECTION OF THE TESORO ALASKA PIPELINE AND THAT ALL DEFICIENCIES (IF NOTED) HAVE BEEN DOCUMENTED IN THE COMMENT SECTION OF THIS REPORT. ALL PIPELINE PROBLEMS HAVE BEEN REPORTED UPON DISCOVERY.

<u>C. Calhoun</u> OBSERVERS SIGNATURE	<u>10-25-13</u> DATE	<u>D. J. [Signature]</u> SUPERVISOR SIGNATURE	<u>10-31-13</u> DATE
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### INSPECTION ACTIONS

- NO DEFICIENCIES NOTED
- FOLLOW-UP FLIGHT OR SURFACE INSPECTION RECOMMENDED AFTER DEBRIEF.

# TESORO PIPELINE RIGHT-OF-WAY INSPECTION REPORT

Date: 10/12/13      Departure Time: 1005      Pilot Name: TOM THIBODEAU  
 Observer: Thomas Hardman      A/C Number: \_\_\_\_\_      Pilot Signature: [Signature]

## OBSERVATIONS LOG

LANDMARK	TIME	RECORD OBSERVATIONS
4 + 31      Refinery Pump Station Mainline Valve No. 1	1013	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
712 + 29      Rectifier - Captain Cook State Park	1020	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
857 + 46      Swanson River Mainline Valve No. 2 879 + 34      Mainline Valve No. 3	1021	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
1625 + 77      Mainline Valve No. 4 Moose Point	1028	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
2319 + 12      Mainline Valve No. 5 Point Possession	1034	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
5 + 06      Mainline Valve No. 6 Point Campbell	1042	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 94      Mainline Valve No. 7 ASIG Tie-in	1043	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 94      Mainline Valve No. 8 ASIG Tie-in	1043	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3461 + 64      Mainline Valve No. 9	1046	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3624 + 89      Port of Anchorage Receiving Station	1046	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____

### OBSERVER CERTIFICATION

I CERTIFY THAT I HAVE COMPLETED A THOROUGH VISUAL INSPECTION OF THE TESORO ALASKA PIPELINE AND THAT ALL DEFICIENCIES (IF NOTED) HAVE BEEN DOCUMENTED IN THE COMMENT SECTION OF THIS REPORT. ALL PIPELINE PROBLEMS HAVE BEEN REPORTED UPON DISCOVERY.

Thomas P. Hardman      10/12/13      [Signature]      10-13-13  
 OBSERVERS SIGNATURE      DATE      SUPERVISOR SIGNATURE      DATE

### INSPECTION ACTIONS

- NO DEFICIENCIES NOTED
- FOLLOW-UP FLIGHT OR SURFACE INSPECTION RECOMMENDED AFTER DEBRIEF.

# TESORO PIPELINE RIGHT-OF-WAY INSPECTION REPORT

Date:	10-11-13	Departure Time:		Pilot Name:	
Observer:	C. Calhoun	A/C Number:		Pilot Signature:	

## OBSERVATIONS LOG

LANDMARK	TIME	RECORD OBSERVATIONS
3134 + 56 Test Coupon Station Kincaid Park/Point Campbell	10/11/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3165 + 06 Mainline Valve No. 6 Kincaid Park	10/11/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3252 + 07 Test Coupon Station Clithrow Center	10/11/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 81 Tesoro Branch line tie-in to AFSC	10/11/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 94 Mainline Valves No. 7 & 8	10/11/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3461 + 64 Mainline Valve No. 9 Northern Lights Blvd.	10/11/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3474 + 08 Fish Creek Crossing	10/11/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3511 + 12 Chester Creek Crossing	10/11/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3592 + 25 Ship Creek Crossing	10/11/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3624 + 89 Test Coupon Station - Port of Anchorage Pipeline Receiving Station	10/11/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____

### OBSERVER CERTIFICATION

I CERTIFY THAT I HAVE COMPLETED A THOROUGH VISUAL INSPECTION OF THE TESORO ALASKA PIPELINE AND THAT ALL DEFICIENCIES (IF NOTED) HAVE BEEN DOCUMENTED IN THE COMMENT SECTION OF THIS REPORT. ALL PIPELINE PROBLEMS HAVE BEEN REPORTED UPON DISCOVERY.

 OBSERVERS SIGNATURE	10-11-13 DATE	 SUPERVISOR SIGNATURE	10-31-13 DATE
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### INSPECTION ACTIONS

- NO DEFICIENCIES NOTED
- FOLLOW-UP FLIGHT OR SURFACE INSPECTION RECOMMENDED AFTER DEBRIEF.

# TESORO PIPELINE RIGHT-OF-WAY INSPECTION REPORT

Date: <u>10-3-13</u>	Departure Time: <u>9:00</u>	Pilot Name: _____	
Observer: <u>ACP</u>	A/C Number: _____	Pilot Signature: _____	

## OBSERVATIONS LOG

LANDMARK	TIME	RECORD OBSERVATIONS	
4 + 31 Refinery Pump Station Mainline Valve No. 1	/	<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____	
712 + 29 Rectifier - Captain Cook State Park		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____	
857 + 46 Swanson River Mainline Valve No. 2 879 + 34 Mainline Valve No. 3		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____	
1625 + 77 Mainline Valve No. 4 Moose Point		11:30	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: <u>performed PM's on MLV #4 site equipment</u>
2319 + 12 Mainline Valve No. 5 Point Possession		/	<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
5 + 06 Mainline Valve No. 6 Point Campbell			<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 94 Mainline Valve No. 7 ASIG Tie-in			<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 94 Mainline Valve No. 8 ASIG Tie-in			<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3461 + 64 Mainline Valve No. 9			<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3624 + 89 Port of Anchorage Receiving Station			<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____

### OBSERVER CERTIFICATION

I CERTIFY THAT I HAVE COMPLETED A THOROUGH VISUAL INSPECTION OF THE TESORO ALASKA PIPELINE AND THAT ALL DEFICIENCIES (IF NOTED) HAVE BEEN DOCUMENTED IN THE COMMENT SECTION OF THIS REPORT. ALL PIPELINE PROBLEMS HAVE BEEN REPORTED UPON DISCOVERY.

<u><i>Greg Polyzoff</i></u> OBSERVERS SIGNATURE	<u>10-3-13</u> DATE	<u><i>Michael Booth</i></u> SUPERVISOR SIGNATURE	<u>10-3-13</u> DATE
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### INSPECTION ACTIONS

- NO DEFICIENCIES NOTED
- FOLLOW-UP FLIGHT OR SURFACE INSPECTION RECOMMENDED AFTER DEBRIEF.

# TESORO PIPELINE RIGHT-OF-WAY INSPECTION REPORT

Date: 10-3-13      Departure Time: 09:00 KNOW RIEPOT      Pilot Name: Tom [Signature]  
 Observer: Tom Angleton      A/C Number: N 1085      Pilot Signature: [Signature]

## OBSERVATIONS LOG

LANDMARK	TIME	RECORD OBSERVATIONS
4 + 31 Refinery Pump Station Mainline Valve No. 1	0922	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: <u>MURRY SPOT N. HALBOURY HILL</u> <u>DRIVE RON TO RECTIFIER TO CHECK WATER CONDITION</u>
712 + 29 Rectifier - Captain Cook State Park	0930	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: <u>TRAIL GOOD TO MLV 2 &amp; 3</u> <u>SOME WATER COVERAGE ALONG THE WAY</u>
857 + 46 Swanson River Mainline Valve No. 2 879 + 34 Mainline Valve No. 3	0931	<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: <u>SWAMP AREA TO MLV 4 VERY WET</u> <u>FULL WATER MILE 18 TO MLV 4. SEVERAL MUDDY AREAS</u>
1625 + 77 Mainline Valve No. 4 Moose Point	0940	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: <u>NO REAL IMPROVEMENT IN TRAIL CONDITIONS</u> <u>WITH WETNESS! WATER MILLER CHECK HIGH</u>
2319 + 12 Mainline Valve No. 5 Point Possession	0947	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: <u>TREE DOWN ABOUT 1 MILE SOUTH</u> <u>OF GATE BEFORE MLV 5</u>
3165 + 06 Mainline Valve No. 6 Point Campbell	0956	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 94 Mainline Valve No. 7 ASIG Tie-in	0957	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 94 Mainline Valve No. 8 ASIG Tie-in	0957	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3461 + 64 Mainline Valve No. 9	0959	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3624 + 89 Port of Anchorage Receiving Station	10:00	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____

### OBSERVER CERTIFICATION

I CERTIFY THAT I HAVE COMPLETED A THOROUGH VISUAL INSPECTION OF THE TESORO ALASKA PIPELINE AND THAT ALL DEFICIENCIES (IF NOTED) HAVE BEEN DOCUMENTED IN THE COMMENT SECTION OF THIS REPORT. ALL PIPELINE PROBLEMS HAVE BEEN REPORTED UPON DISCOVERY.

Tom [Signature]      10-3-13      Tom [Signature]      10-3-13  
 OBSERVER SIGNATURE      DATE      SUPERVISOR SIGNATURE      DATE

### INSPECTION ACTIONS

- NO DEFICIENCIES NOTED
- FOLLOW-UP FLIGHT OR SURFACE INSPECTION RECOMMENDED AFTER DEBRIEF.

# TESORO PIPELINE RIGHT-OF-WAY INSPECTION REPORT

Date: <u>10-25-13</u>	Departure Time: _____	Pilot Name: _____	
Observer: <u>C. Calton</u>	A/C Number: _____	Pilot Signature: _____	

## OBSERVATIONS LOG

LANDMARK	TIME	RECORD OBSERVATIONS
3134 + 56 Test Coupon Station Kincaid Park/Point Campbell	10/25/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3165 + 06 Mainline Valve No. 6 Kincaid Park	10/25/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3252 + 07 Test Coupon Station Clithrow Center	10/25/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 81 Tesoro Branch line tie-in to AFSC	10/25/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 94 Mainline Valves No. 7 & 8	10/25/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3461 + 64 Mainline Valve No. 9 Northern Lights Blvd.	10/25/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3474 + 08 Fish Creek Crossing	10/25/13	<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: <u>Small tree down across ROW approx 40 ft downstream of Fish Creek Crossing</u>
3511 + 12 Chester Creek Crossing	10/25/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3592 + 25 Ship Creek Crossing	10/25/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3624 + 89 Test Coupon Station - Port of Anchorage Pipeline Receiving Station	10/25/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____

### OBSERVER CERTIFICATION

I CERTIFY THAT I HAVE COMPLETED A THOROUGH VISUAL INSPECTION OF THE TESORO ALASKA PIPELINE AND THAT ALL DEFICIENCIES (IF NOTED) HAVE BEEN DOCUMENTED IN THE COMMENT SECTION OF THIS REPORT. ALL PIPELINE PROBLEMS HAVE BEEN REPORTED UPON DISCOVERY.

<u>C. Calton</u> OBSERVERS SIGNATURE	<u>10-25-13</u> DATE	<u>D. J. [Signature]</u> SUPERVISOR SIGNATURE	<u>10-31-13</u> DATE
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### INSPECTION ACTIONS

- NO DEFICIENCIES NOTED
- FOLLOW-UP FLIGHT OR SURFACE INSPECTION RECOMMENDED AFTER DEBRIEF.

# TESORO PIPELINE RIGHT-OF-WAY INSPECTION REPORT

Date: <u>10-24-13</u>	Departure Time: <u>11:30</u>	Pilot Name: _____	
Observer: <u>-GEP</u>	A/C Number: _____	Pilot Signature: _____	

## OBSERVATIONS LOG

LANDMARK	TIME	RECORD OBSERVATIONS
4 + 31 Refinery Pump Station Mainline Valve No. 1		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
712 + 29 Rectifier - Captain Cook State Park		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
857 + 46 Swanson River Mainline Valve No. 2 879 + 34 Mainline Valve No. 3		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
1625 + 77 Mainline Valve No. 4 Moose Point		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
2319 + 12 Mainline Valve No. 5 Point Possession	<u>2:30 PM</u>	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
75 + 06 Mainline Valve No. 6 Point Campbell		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 94 Mainline Valve No. 7 ASIG Tie-in		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 94 Mainline Valve No. 8 ASIG Tie-in		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3461 + 64 Mainline Valve No. 9		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3624 + 89 Port of Anchorage Receiving Station		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____

### OBSERVER CERTIFICATION

I CERTIFY THAT I HAVE COMPLETED A THOROUGH VISUAL INSPECTION OF THE TESORO ALASKA PIPELINE AND THAT ALL DEFICIENCIES (IF NOTED) HAVE BEEN DOCUMENTED IN THE COMMENT SECTION OF THIS REPORT. ALL PIPELINE PROBLEMS HAVE BEEN REPORTED UPON DISCOVERY.

<u>[Signature]</u> OBSERVERS SIGNATURE	<u>10-24-13</u> DATE	<u>[Signature]</u> SUPERVISOR SIGNATURE	<u>10-24-13</u> DATE
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### INSPECTION ACTIONS

- NO DEFICIENCIES NOTED
- FOLLOW-UP FLIGHT OR SURFACE INSPECTION RECOMMENDED AFTER DEBRIEF.

# TESORO PIPELINE RIGHT-OF-WAY INSPECTION REPORT

Date:	9/28/13	Departure Time:	1039	Pilot Name:	Tom Thibodeau
Observer:	D. Groleske	A/C Number:	N108J	Pilot Signature:	<i>Tom Thibodeau</i>

## OBSERVATIONS LOG

LANDMARK	TIME	RECORD OBSERVATIONS
4 + 31 Refinery Pump Station Mainline Valve No. 1	<del>1043</del> 1043	<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
712 + 29 Rectifier - Captain Cook State Park	1049	<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
857 + 46 Swanson River Mainline Valve No. 2 879 + 34 Mainline Valve No. 3	1050	<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
1625 + 77 Mainline Valve No. 4 Moose Point	1057	<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
2319 + 12 Mainline Valve No. 5 Point Possession	1102	<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3165 + 06 Mainline Valve No. 6 Point Campbell	1111	<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 94 Mainline Valve No. 7 ASIG Tie-in	1112	<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 94 Mainline Valve No. 8 ASIG Tie-in	1112	<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3461 + 64 Mainline Valve No. 9	1113	<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3624 + 89 Port of Anchorage Receiving Station	1114	<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____

### OBSERVER CERTIFICATION

I CERTIFY THAT I HAVE COMPLETED A THOROUGH VISUAL INSPECTION OF THE TESORO ALASKA PIPELINE AND THAT ALL DEFICIENCIES (IF NOTED) HAVE BEEN DOCUMENTED IN THE COMMENT SECTION OF THIS REPORT. ALL PIPELINE PROBLEMS HAVE BEEN REPORTED UPON DISCOVERY.

<i>D. Groleske</i> OBSERVER'S SIGNATURE	9/28/13 DATE	<i>Tom Thibodeau</i> SUPERVISOR SIGNATURE	9-30-13 DATE
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### INSPECTION ACTIONS

- NO DEFICIENCIES NOTED
- FOLLOW-UP FLIGHT OR SURFACE INSPECTION RECOMMENDED AFTER DEBRIEF.

# TESORO PIPELINE RIGHT-OF-WAY INSPECTION REPORT

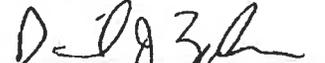
Date:	9-27-13	Departure Time:		Pilot Name:	
Observer:	C. Colborn	A/C Number:		Pilot Signature:	

## OBSERVATIONS LOG

LANDMARK	TIME	RECORD OBSERVATIONS
3134 + 56 Test Coupon Station Kincaid Park/Point Campbell	9/27/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3165 + 06 Mainline Valve No. 6 Kincaid Park	9/27/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3252 + 07 Test Coupon Station Clithrow Center	9/27/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 81 Tesoro Branch line tie-in to AFSC	9/27/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 94 Mainline Valves No. 7 & 8	9/27/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3461 + 64 Mainline Valve No. 9 Northern Lights Blvd.	9/27/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3474 + 08 Fish Creek Crossing	9/27/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3511 + 12 Chester Creek Crossing	9/26/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3592 + 25 Ship Creek Crossing	9/26/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3624 + 89 Test Coupon Station - Port of Anchorage Pipeline Receiving Station	9/26/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____

### OBSERVER CERTIFICATION

I CERTIFY THAT I HAVE COMPLETED A THOROUGH VISUAL INSPECTION OF THE TESORO ALASKA PIPELINE AND THAT ALL DEFICIENCIES (IF NOTED) HAVE BEEN DOCUMENTED IN THE COMMENT SECTION OF THIS REPORT. ALL PIPELINE PROBLEMS HAVE BEEN REPORTED UPON DISCOVERY.

 OBSERVERS SIGNATURE	9-27-13 DATE	 SUPERVISOR SIGNATURE	9-27-13 DATE
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### INSPECTION ACTIONS

- NO DEFICIENCIES NOTED
- FOLLOW-UP FLIGHT OR SURFACE INSPECTION RECOMMENDED AFTER DEBRIEF.

# TESORO PIPELINE RIGHT-OF-WAY INSPECTION REPORT

Date:	9-17-13	Departure Time:	0800	Pilot Name:	NA
Observer:	Rw/cc	A/C Number:	NA	Pilot Signature:	NA

## OBSERVATIONS LOG

LANDMARK	TIME	RECORD OBSERVATIONS
4 + 31 Refinery Pump Station Mainline Valve No. 1	8 00	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
712 + 29 Rectifier - Captain Cook State Park	14 00	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
857 + 46 Swanson River Mainline Valve No. 2 879 + 34 Mainline Valve No. 3	13 45	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
1625 + 77 Mainline Valve No. 4 Moose Point	12 30	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
2319 + 12 Mainline Valve No. 5 Point Possession	11 15	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
5 + 06 Mainline Valve No. 6 Point Campbell	NA	<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 94 Mainline Valve No. 7 ASIG Tie-in	NA	<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 94 Mainline Valve No. 8 ASIG Tie-in	NA	<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3461 + 64 Mainline Valve No. 9	NA	<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3624 + 89 Port of Anchorage Receiving Station	NA	<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____

### OBSERVER CERTIFICATION

I CERTIFY THAT I HAVE COMPLETED A THOROUGH VISUAL INSPECTION OF THE TESORO ALASKA PIPELINE AND THAT ALL DEFICIENCIES (IF NOTED) HAVE BEEN DOCUMENTED IN THE COMMENT SECTION OF THIS REPORT. ALL PIPELINE PROBLEMS HAVE BEEN REPORTED UPON DISCOVERY.

 OBSERVERS SIGNATURE	9-17-13 DATE	 SUPERVISOR SIGNATURE	9-17-13 DATE
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### INSPECTION ACTIONS

- NO DEFICIENCIES NOTED
- FOLLOW-UP FLIGHT OR SURFACE INSPECTION RECOMMENDED AFTER DEBRIEF.

# TESORO PIPELINE RIGHT-OF-WAY INSPECTION REPORT

Date:	9/14/13	Departure Time:	1500	Pilot Name:	TOM THOMPSON
Observer:	Thomas Hudman	A/C Number:		Pilot Signature:	[Signature]

## OBSERVATIONS LOG

LANDMARK	TIME	RECORD OBSERVATIONS
4 + 31 Refinery Pump Station Mainline Valve No. 1	1509	<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
712 + 29 Rectifier - Captain Cook State Park	1515	<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
857 + 46 Swanson River Mainline Valve No. 2 879 + 34 Mainline Valve No. 3	1517	<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
1625 + 77 Mainline Valve No. 4 Moose Point	1524	<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
2319 + 12 Mainline Valve No. 5 Point Possession	1530	<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3165 + 06 Mainline Valve No. 6 Point Campbell	1538	<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 94 Mainline Valve No. 7 ASIG Tie-in	1538	<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 94 Mainline Valve No. 8 ASIG Tie-in	1538	<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3461 + 64 Mainline Valve No. 9	1540	<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3624 + 89 Port of Anchorage Receiving Station	1540	<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____

### OBSERVER CERTIFICATION

I CERTIFY THAT I HAVE COMPLETED A THOROUGH VISUAL INSPECTION OF THE TESORO ALASKA PIPELINE AND THAT ALL DEFICIENCIES (IF NOTED) HAVE BEEN DOCUMENTED IN THE COMMENT SECTION OF THIS REPORT. ALL PIPELINE PROBLEMS HAVE BEEN REPORTED UPON DISCOVERY.

 _____ OBSERVERS SIGNATURE	9/14/13 _____ DATE	 _____ SUPERVISOR SIGNATURE	9-14-13 _____ DATE
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### INSPECTION ACTIONS

- NO DEFICIENCIES NOTED
- FOLLOW-UP FLIGHT OR SURFACE INSPECTION RECOMMENDED AFTER DEBRIEF.

# TESORO PIPELINE RIGHT-OF-WAY INSPECTION REPORT

Date:	9-13-13	Departure Time:		Pilot Name:	
Observer:	ZuK ✓	A/C Number:		Pilot Signature:	

## OBSERVATIONS LOG

LANDMARK	TIME	RECORD OBSERVATIONS
3134 + 56 Test Coupon Station Kincaid Park/Point Campbell	9/13/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3165 + 06 Mainline Valve No. 6 Kincaid Park	9/13/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3252 + 07 Test Coupon Station Clithrow Center	9/13/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 81 Tesoro Branch line tie-in to AFSC	9/13/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 94 Mainline Valves No. 7 & 8	9/13/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3461 + 64 Mainline Valve No. 9 Northern Lights Blvd.	9/13/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3474 + 08 Fish Creek Crossing	9/13/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3511 + 12 Chester Creek Crossing	9/13/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3592 + 25 Ship Creek Crossing	9/13/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3624 + 89 Test Coupon Station - Port of Anchorage Pipeline Receiving Station	9/13/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____

### OBSERVER CERTIFICATION

I CERTIFY THAT I HAVE COMPLETED A THOROUGH VISUAL INSPECTION OF THE TESORO ALASKA PIPELINE AND THAT ALL DEFICIENCIES (IF NOTED) HAVE BEEN DOCUMENTED IN THE COMMENT SECTION OF THIS REPORT. ALL PIPELINE PROBLEMS HAVE BEEN REPORTED UPON DISCOVERY.

 _____ OBSERVER'S SIGNATURE	9-13-13 _____ DATE	 _____ SUPERVISOR'S SIGNATURE	9-13-13 _____ DATE
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### INSPECTION ACTIONS

- NO DEFICIENCIES NOTED
- FOLLOW-UP FLIGHT OR SURFACE INSPECTION RECOMMENDED AFTER DEBRIEF.

# TESORO PIPELINE RIGHT-OF-WAY INSPECTION REPORT

Date:	9-12-13	Departure Time:		Pilot Name:	NA
Observer:	LEP	A/C Number:	N/A Wheeler	Pilot Signature:	NA

## OBSERVATIONS LOG

LANDMARK	TIME	RECORD OBSERVATIONS
4 + 31 Refinery Pump Station Mainline Valve No. 1		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
712 + 29 Rectifier - Captain Cook State Park		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
857 + 46 Swanson River Mainline Valve No. 2 879 + 34 Mainline Valve No. 3		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
1625 + 77 Mainline Valve No. 4 Moose Point		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
2319 + 12 Mainline Valve No. 5 Point Possession	2:30 PM	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3165 + 06 Mainline Valve No. 6 Point Campbell		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 94 Mainline Valve No. 7 ASIG Tie-in		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 94 Mainline Valve No. 8 ASIG Tie-in		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3461 + 64 Mainline Valve No. 9		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3624 + 89 Port of Anchorage Receiving Station		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____

### OBSERVER CERTIFICATION

I CERTIFY THAT I HAVE COMPLETED A THOROUGH VISUAL INSPECTION OF THE TESORO ALASKA PIPELINE AND THAT ALL DEFICIENCIES (IF NOTED) HAVE BEEN DOCUMENTED IN THE COMMENT SECTION OF THIS REPORT. ALL PIPELINE PROBLEMS HAVE BEEN REPORTED UPON DISCOVERY.

<u>Sup Polyski</u> OBSERVERS SIGNATURE	<u>9-12-13</u> DATE	<u>Dr. Holtshe</u> SUPERVISOR SIGNATURE	<u>9/12/13</u> DATE
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### INSPECTION ACTIONS

- NO DEFICIENCIES NOTED
- FOLLOW-UP FLIGHT OR SURFACE INSPECTION RECOMMENDED AFTER DEBRIEF.

# TESORO PIPELINE RIGHT-OF-WAY INSPECTION REPORT

Date: <u>9-8-13</u>	Departure Time: <u>Driven</u>	Pilot Name:	
Observer: <u>J Webb</u>	A/C Number: <u>in truck</u>	Pilot Signature:	<u>N/A</u>

## OBSERVATIONS LOG

LANDMARK	TIME	RECORD OBSERVATIONS
4 + 31 Refinery Pump Station Mainline Valve No. 1	12:00	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: <u>Halibouty Hill LOOKS GOOD</u>
712 + 29 Rectifier - Captain Cook State Park		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments:
857 + 46 Swanson River Mainline Valve No. 2 879 + 34 Mainline Valve No. 3		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments:
1625 + 77 Mainline Valve No. 4 Moose Point		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments:
2319 + 12 Mainline Valve No. 5 Point Possession		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments:
315 + 06 Mainline Valve No. 6 Point Campbell		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments:
3293 + 94 Mainline Valve No. 7 ASIG Tie-in		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments:
3293 + 94 Mainline Valve No. 8 ASIG Tie-in		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments:
3461 + 64 Mainline Valve No. 9		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments:
3624 + 89 Port of Anchorage Receiving Station		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments:

### OBSERVER CERTIFICATION

I CERTIFY THAT I HAVE COMPLETED A THOROUGH VISUAL INSPECTION OF THE TESORO ALASKA PIPELINE AND THAT ALL DEFICIENCIES (IF NOTED) HAVE BEEN DOCUMENTED IN THE COMMENT SECTION OF THIS REPORT. ALL PIPELINE PROBLEMS HAVE BEEN REPORTED UPON DISCOVERY.

[Signature]

OBSERVERS SIGNATURE

9-8-13

DATE

[Signature]

SUPERVISOR SIGNATURE

9-8-13

DATE

### INSPECTION ACTIONS

- NO DEFICIENCIES NOTED
- FOLLOW-UP FLIGHT OR SURFACE INSPECTION RECOMMENDED AFTER DEBRIEF.

# TESORO PIPELINE RIGHT-OF-WAY INSPECTION REPORT

Date:	9/1/13	Departure Time:	1020	Pilot Name:	Tom Thibodeau
Observer:	D. GRODLESKE	A/C Number:	N1085	Pilot Signature:	Tom Thibodeau

## OBSERVATIONS LOG

O	LANDMARK	TIME	RECORD OBSERVATIONS
4 + 31	Refinery Pump Station Mainline Valve No. 1	1027	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
712 + 29	Rectifier - Captain Cook State Park	1033	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
857 + 46 879 + 34	Swanson River Mainline Valve No. 2 Mainline Valve No. 3	1034	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
1625 + 77	Mainline Valve No. 4 Moose Point	1041	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
2319 + 12	Mainline Valve No. 5 Point Possession	1046	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3165 + 06	Mainline Valve No. 6 Point Campbell	1055	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 94	Mainline Valve No. 7 ASIG Tie-in	1056	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 94	Mainline Valve No. 8 ASIG Tie-in	1056	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3461 + 64	Mainline Valve No. 9	1057	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3624 + 89	Port of Anchorage Receiving Station	1058	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____

### OBSERVER CERTIFICATION

I CERTIFY THAT I HAVE COMPLETED A THOROUGH VISUAL INSPECTION OF THE TESORO ALASKA PIPELINE AND THAT ALL DEFICIENCIES (IF NOTED) HAVE BEEN DOCUMENTED IN THE COMMENT SECTION OF THIS REPORT. ALL PIPELINE PROBLEMS HAVE BEEN REPORTED UPON DISCOVERY.

 OBSERVERS SIGNATURE	9/1/13 DATE	 SUPERVISOR SIGNATURE	9-3-13 DATE
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### INSPECTION ACTIONS

- NO DEFICIENCIES NOTED  
 FOLLOW-UP FLIGHT OR SURFACE INSPECTION RECOMMENDED AFTER DEBRIEF.

# TESORO PIPELINE RIGHT-OF-WAY INSPECTION REPORT

Date: 8-30-13      Departure Time: \_\_\_\_\_      Pilot Name: \_\_\_\_\_  
 Observer: C. Callahan      A/C Number: \_\_\_\_\_      Pilot Signature: \_\_\_\_\_

## OBSERVATIONS LOG

LANDMARK	TIME	RECORD OBSERVATIONS
3134 + 56 Test Coupon Station Kincaid Park/Point Campbell	8/30/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3165 + 06 Mainline Valve No. 6 Kincaid Park	8/30/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3252 + 07 Test Coupon Station Clithrow Center	8/30/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 81 Tesoro Branch line tie-in to AFSC	8/30/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 94 Mainline Valves No. 7 & 8	8/30/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3461 + 64 Mainline Valve No. 9 Northern Lights Blvd.	8/29/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3474 + 08 Fish Creek Crossing	8/29/13	<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: <u>Missing line marker 1500 ft down stream of Fish Creek</u>
3511 + 12 Chester Creek Crossing	8/29/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3592 + 25 Ship Creek Crossing	8/29/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3624 + 89 Test Coupon Station - Port of Anchorage Pipeline Receiving Station	8/29/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____

### OBSERVER CERTIFICATION

I CERTIFY THAT I HAVE COMPLETED A THOROUGH VISUAL INSPECTION OF THE TESORO ALASKA PIPELINE AND THAT ALL DEFICIENCIES (IF NOTED) HAVE BEEN DOCUMENTED IN THE COMMENT SECTION OF THIS REPORT. ALL PIPELINE PROBLEMS HAVE BEEN REPORTED UPON DISCOVERY.

C. Callahan      8-30-13      Deidre J. Zuh      8-30-13  
 OBSERVERS SIGNATURE      DATE      SUPERVISOR SIGNATURE      DATE

### INSPECTION ACTIONS

- NO DEFICIENCIES NOTED  
 FOLLOW-UP FLIGHT OR SURFACE INSPECTION RECOMMENDED AFTER DEBRIEF.

# TESORO PIPELINE RIGHT-OF-WAY INSPECTION REPORT

Date: <u>8-14-13</u>	Departure Time: _____	Pilot Name: _____	
Observer: <u>C. Colburn</u>	A/C Number: _____	Pilot Signature: _____	

## OBSERVATIONS LOG

LANDMARK	TIME	RECORD OBSERVATIONS
3134 + 56 Test Coupon Station Kincaid Park/Point Campbell	<u>4/14/13</u>	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3165 + 06 Mainline Valve No. 6 Kincaid Park	<u>5/14/13</u>	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3252 + 07 Test Coupon Station Clithrow Center	<u>5/14/13</u>	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 81 Tesoro Branch line tie-in to AFSC	<u>5/14/13</u>	<input type="checkbox"/> No deficiencies noted <input checked="" type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: <u>Replace tie-in material at tie in shell</u>
3293 + 94 Mainline Valves No. 7 & 8	<u>4/14/13</u>	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3461 + 64 Mainline Valve No. 9 Northern Lights Blvd.	<u>4/14/13</u>	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3474 + 08 Fish Creek Crossing	<u>5/14/13</u>	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3511 + 12 Chester Creek Crossing	<u>5/14/13</u>	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3592 + 25 Ship Creek Crossing	<u>8/14/13</u>	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3624 + 89 Test Coupon Station - Port of Anchorage Pipeline Receiving Station	<u>5/14/13</u>	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____

### OBSERVER CERTIFICATION

I CERTIFY THAT I HAVE COMPLETED A THOROUGH VISUAL INSPECTION OF THE TESORO ALASKA PIPELINE AND THAT ALL DEFICIENCIES (IF NOTED) HAVE BEEN DOCUMENTED IN THE COMMENT SECTION OF THIS REPORT. ALL PIPELINE PROBLEMS HAVE BEEN REPORTED UPON DISCOVERY.

<u>C. Colburn</u> OBSERVERS SIGNATURE	<u>8-15-13</u> DATE	<u>Debra</u> SUPERVISOR SIGNATURE	<u>8-15-13</u> DATE
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### INSPECTION ACTIONS

- NO DEFICIENCIES NOTED  
 FOLLOW-UP FLIGHT OR SURFACE INSPECTION RECOMMENDED AFTER DEBRIEF.

# TESORO PIPELINE RIGHT-OF-WAY INSPECTION REPORT

Date: 8-17-13      Departure Time: 1505      Pilot Name: ~~Tom Broderick~~ Tom Broderick  
 Observer: K. MORSE      A/C Number: N108J      Pilot Signature: [Signature]

## OBSERVATIONS LOG

LANDMARK	TIME	RECORD OBSERVATIONS
4 + 31      Refinery Pump Station Mainline Valve No. 1	1515	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
712 + 29      Rectifier - Captain Cook State Park	1521	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
857 + 46      Swanson River Mainline Valve No. 2 879 + 34      Mainline Valve No. 3	1522	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
1625 + 77      Mainline Valve No. 4 Moose Point	1529	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
2319 + 12      Mainline Valve No. 5 Point Possession	1536	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3165 + 06      Mainline Valve No. 6 Point Campbell	N/A	<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 94      Mainline Valve No. 7 ASIG Tie-in	N/A	<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 94      Mainline Valve No. 8 ASIG Tie-in	N/A	<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3461 + 64      Mainline Valve No. 9	N/A	<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3624 + 89      Port of Anchorage Receiving Station	N/A	<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____

### OBSERVER CERTIFICATION

I CERTIFY THAT I HAVE COMPLETED A THOROUGH VISUAL INSPECTION OF THE TESORO ALASKA PIPELINE AND THAT ALL DEFICIENCIES (IF NOTED) HAVE BEEN DOCUMENTED IN THE COMMENT SECTION OF THIS REPORT. ALL PIPELINE PROBLEMS HAVE BEEN REPORTED UPON DISCOVERY.

[Signature]      8-17-13      [Signature]      8-19-13  
 OBSERVERS SIGNATURE      DATE      SUPERVISOR SIGNATURE      DATE

### INSPECTION ACTIONS

NO DEFICIENCIES NOTED  
 FOLLOW-UP FLIGHT OR SURFACE INSPECTION RECOMMENDED AFTER DEBRIEF. BAD WEATHER OVER AUC DIDN'T FLY (LOW CEILING)

# TESORO PIPELINE RIGHT-OF-WAY INSPECTION REPORT

Date:	8/3/13	Departure Time:	1450	Pilot Name:	Tom Thibodeau
Observer:	A. Grodeske	A/C Number:	N108J	Pilot Signature:	<i>[Signature]</i>

## OBSERVATIONS LOG

LANDMARK	TIME	RECORD OBSERVATIONS
4 + 31 Refinery Pump Station Mainline Valve No. 1	1450	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
712 + 29 Rectifier - Captain Cook State Park	1503	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
857 + 46 Swanson River Mainline Valve No. 2 879 + 34 Mainline Valve No. 3	1504	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
1625 + 77 Mainline Valve No. 4 Moose Point	1511	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
2319 + 12 Mainline Valve No. 5 Point Possession	1517	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3165 + 06 Mainline Valve No. 6 Point Campbell	1526	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 94 Mainline Valve No. 7 ASIG Tie-in	1527	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 94 Mainline Valve No. 8 ASIG Tie-in	1527	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3461 + 64 Mainline Valve No. 9	1529	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3624 + 89 Port of Anchorage Receiving Station	1530	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____

### OBSERVER CERTIFICATION

I CERTIFY THAT I HAVE COMPLETED A THOROUGH VISUAL INSPECTION OF THE TESORO ALASKA PIPELINE AND THAT ALL DEFICIENCIES (IF NOTED) HAVE BEEN DOCUMENTED IN THE COMMENT SECTION OF THIS REPORT. ALL PIPELINE PROBLEMS HAVE BEEN REPORTED UPON DISCOVERY.

<i>[Signature]</i> OBSERVERS SIGNATURE	8/3/13 DATE	<i>[Signature]</i> SUPERVISOR SIGNATURE	8-5-13 DATE
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### INSPECTION ACTIONS

- NO DEFICIENCIES NOTED
- FOLLOW-UP FLIGHT OR SURFACE INSPECTION RECOMMENDED AFTER DEBRIEF.

# TESORO PIPELINE RIGHT-OF-WAY INSPECTION REPORT

Date:	7-31-13	Departure Time:		Pilot Name:	
Observer:	Zuker	A/C Number:		Pilot Signature:	

## OBSERVATIONS LOG

LANDMARK	TIME	RECORD OBSERVATIONS
3134 + 56 Test Coupon Station Kincaid Park/Point Campbell	7/31/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3165 + 06 Mainline Valve No. 6 Kincaid Park	7/31/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3252 + 07 Test Coupon Station Clithrow Center	7/31/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 81 Tesoro Branch line tie-in to AFSC	7/31/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 94 Mainline Valves No. 7 & 8	7/31/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3461 + 64 Mainline Valve No. 9 Northern Lights Blvd.	7/31/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3474 + 08 Fish Creek Crossing	7/31/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3511 + 12 Chester Creek Crossing	7/31/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3592 + 25 Ship Creek Crossing	7/31/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3624 + 89 Test Coupon Station - Port of Anchorage Pipeline Receiving Station	7/31/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____

### OBSERVER CERTIFICATION

I CERTIFY THAT I HAVE COMPLETED A THOROUGH VISUAL INSPECTION OF THE TESORO ALASKA PIPELINE AND THAT ALL DEFICIENCIES (IF NOTED) HAVE BEEN DOCUMENTED IN THE COMMENT SECTION OF THIS REPORT. ALL PIPELINE PROBLEMS HAVE BEEN REPORTED UPON DISCOVERY.

*[Handwritten Signature]*

7-31-13

*[Handwritten Signature]*

7-31-13

OBSERVER'S SIGNATURE

DATE

SUPERVISOR SIGNATURE

DATE

### INSPECTION ACTIONS

- NO DEFICIENCIES NOTED
- FOLLOW-UP FLIGHT OR SURFACE INSPECTION RECOMMENDED AFTER DEBRIEF.

# TESORO PIPELINE RIGHT-OF-WAY INSPECTION REPORT

Date:	7/27/13	Departure Time:	N/A	Pilot Name:	N/A
Observer:	C. Cason	A/C Number:	N/A	Pilot Signature:	N/A

## OBSERVATIONS LOG

LANDMARK	TIME	RECORD OBSERVATIONS
4 + 31 Refinery Pump Station Mainline Valve No. 1	1249	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
712 + 29 Rectifier - Captain Cook State Park	1346	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
857 + 46 Swanson River Mainline Valve No. 2 879 + 34 Mainline Valve No. 3	1354	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
1625 + 77 Mainline Valve No. 4 Moose Point	N/A	<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
2319 + 12 Mainline Valve No. 5 Point Possession		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
35 + 06 Mainline Valve No. 6 Point Campbell		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 94 Mainline Valve No. 7 ASIG Tie-in		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 94 Mainline Valve No. 8 ASIG Tie-in		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3461 + 64 Mainline Valve No. 9		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3624 + 89 Port of Anchorage Receiving Station		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____

### OBSERVER CERTIFICATION

I CERTIFY THAT I HAVE COMPLETED A THOROUGH VISUAL INSPECTION OF THE TESORO ALASKA PIPELINE AND THAT ALL DEFICIENCIES (IF NOTED) HAVE BEEN DOCUMENTED IN THE COMMENT SECTION OF THIS REPORT. ALL PIPELINE PROBLEMS HAVE BEEN REPORTED UPON DISCOVERY.

_____ OBSERVER'S SIGNATURE	7/27/13 _____ DATE	_____ SUPERVISOR SIGNATURE	7/27/13 _____ DATE
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### INSPECTION ACTIONS

- NO DEFICIENCIES NOTED
- FOLLOW-UP FLIGHT OR SURFACE INSPECTION RECOMMENDED AFTER DEBRIEF.

# TESORO PIPELINE RIGHT-OF-WAY INSPECTION REPORT

Date:	7-20-13	Departure Time:	1355	Pilot Name:	D. BREWER
Observer:	K. MORSE	A/C Number:	N82076	Pilot Signature:	<i>[Signature]</i>

## OBSERVATIONS LOG

LANDMARK	TIME	RECORD OBSERVATIONS
4 + 31 Refinery Pump Station Mainline Valve No. 1	1402	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
712 + 29 Rectifier - Captain Cook State Park	1409	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
857 + 46 Swanson River Mainline Valve No. 2 879 + 34 Mainline Valve No. 3	1411	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
1625 + 77 Mainline Valve No. 4 Moose Point	1419	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
2319 + 12 Mainline Valve No. 5 Point Possession	1426	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
35 + 06 Mainline Valve No. 6 Point Campbell	1435	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 94 Mainline Valve No. 7 ASIG Tie-in	1436	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 94 Mainline Valve No. 8 ASIG Tie-in	1438	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3461 + 64 Mainline Valve No. 9		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3624 + 89 Port of Anchorage Receiving Station		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____

### OBSERVER CERTIFICATION

I CERTIFY THAT I HAVE COMPLETED A THOROUGH VISUAL INSPECTION OF THE TESORO ALASKA PIPELINE AND THAT ALL DEFICIENCIES (IF NOTED) HAVE BEEN DOCUMENTED IN THE COMMENT SECTION OF THIS REPORT. ALL PIPELINE PROBLEMS HAVE BEEN REPORTED UPON DISCOVERY.

<i>[Signature]</i> OBSERVERS SIGNATURE	7-20-13 DATE	<i>[Signature]</i> SUPERVISOR SIGNATURE	7-20-13 DATE
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### INSPECTION ACTIONS

- NO DEFICIENCIES NOTED
- FOLLOW-UP FLIGHT OR SURFACE INSPECTION RECOMMENDED AFTER DEBRIEF.

# TESORO PIPELINE RIGHT-OF-WAY INSPECTION REPORT

Date:	7-19-13	Departure Time:		Pilot Name:	
Observer:	ZUKER	A/C Number:		Pilot Signature:	

## OBSERVATIONS LOG

LANDMARK	TIME	RECORD OBSERVATIONS
3134 + 56 Test Coupon Station Kincaid Park/Point Campbell	7/19/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3165 + 06 Mainline Valve No. 6 Kincaid Park	7/19/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3252 + 07 Test Coupon Station Clithrow Center	7/19/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 81 Tesoro Branch line tie-in to AFSC	7/19/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 94 Mainline Valves No. 7 & 8	7/19/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3461 + 64 Mainline Valve No. 9 Northern Lights Blvd.	7/19/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3474 + 08 Fish Creek Crossing	7/19/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3511 + 12 Chester Creek Crossing	7/19/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3592 + 25 Ship Creek Crossing	7/19/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3624 + 89 Test Coupon Station - Port of Anchorage Pipeline Receiving Station	7/19/13	<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____

### OBSERVER CERTIFICATION

I CERTIFY THAT I HAVE COMPLETED A THOROUGH VISUAL INSPECTION OF THE TESORO ALASKA PIPELINE AND THAT ALL DEFICIENCIES (IF NOTED) HAVE BEEN DOCUMENTED IN THE COMMENT SECTION OF THIS REPORT. ALL PIPELINE PROBLEMS HAVE BEEN REPORTED UPON DISCOVERY.

 _____ OBSERVER'S SIGNATURE	7-19-13 _____ DATE	 _____ SUPERVISOR SIGNATURE	7-19-13 _____ DATE
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### INSPECTION ACTIONS

- NO DEFICIENCIES NOTED
- FOLLOW-UP FLIGHT OR SURFACE INSPECTION RECOMMENDED AFTER DEBRIEF.

# TESORO PIPELINE RIGHT-OF-WAY INSPECTION REPORT

Date:	7-5-13	Departure Time:		Pilot Name:	
Observer:	Z. K. K.	A/C Number:		Pilot Signature:	

## OBERVATIONS LOG

LANDMARK	TIME	RECORD OBSERVATIONS
3134 + 56 Test Coupon Station Kincaid Park/Point Campbell	7/5/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3165 + 06 Mainline Valve No. 6 Kincaid Park	7/5/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3252 + 07 Test Coupon Station Clithrow Center	7/5/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 81 Tesoro Branch line tie-in to AFSC	7/5/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 94 Mainline Valves No. 7 & 8	7/5/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3461 + 64 Mainline Valve No. 9 Northern Lights Blvd.	7/5/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3474 + 08 Fish Creek Crossing	7/5/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3511 + 12 Chester Creek Crossing	7/5/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3592 + 25 Ship Creek Crossing	7/5/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3624 + 89 Test Coupon Station - Port of Anchorage Pipeline Receiving Station	7/5/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____

### OBSERVER CERTIFICATION

I CERTIFY THAT I HAVE COMPLETED A THOROUGH VISUAL INSPECTION OF THE TESORO ALASKA PIPELINE AND THAT ALL DEFICIENCIES (IF NOTED) HAVE BEEN DOCUMENTED IN THE COMMENT SECTION OF THIS REPORT. ALL PIPELINE PROBLEMS HAVE BEEN REPORTED UPON DISCOVERY.

 _____ OBSERVERS SIGNATURE	7-5-13 _____ DATE	 _____ SUPERVISOR SIGNATURE	7-5-13 _____ DATE
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### INSPECTION ACTIONS

- NO DEFICIENCIES NOTED
- FOLLOW-UP FLIGHT OR SURFACE INSPECTION RECOMMENDED AFTER DEBRIEF.

# TESORO PIPELINE RIGHT-OF-WAY INSPECTION REPORT

Date: 7-5-13	Departure Time:	Pilot Name:	
Observer: Zuker	A/C Number:	Pilot Signature:	

## OBSERVATIONS LOG

LANDMARK	TIME	RECORD OBSERVATIONS
3134 + 56 Test Coupon Station Kincaid Park/Point Campbell	7/5/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3165 + 06 Mainline Valve No. 6 Kincaid Park	7/5/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3252 + 07 Test Coupon Station Clithrow Center	7/5/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 81 Tesoro Branch line tie-in to AFSC	7/5/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 94 Mainline Valves No. 7 & 8	7/5/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3461 + 64 Mainline Valve No. 9 Northern Lights Blvd.	7/5/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3474 + 08 Fish Creek Crossing	7/5/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3511 + 12 Chester Creek Crossing	7/5/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3592 + 25 Ship Creek Crossing	7/5/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3624 + 89 Test Coupon Station - Port of Anchorage Pipeline Receiving Station	7/5/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____

### OBSERVER CERTIFICATION

I CERTIFY THAT I HAVE COMPLETED A THOROUGH VISUAL INSPECTION OF THE TESORO ALASKA PIPELINE AND THAT ALL DEFICIENCIES (IF NOTED) HAVE BEEN DOCUMENTED IN THE COMMENT SECTION OF THIS REPORT. ALL PIPELINE PROBLEMS HAVE BEEN REPORTED UPON DISCOVERY.

 _____ OBSERVERS SIGNATURE	7-5-13 _____ DATE	 _____ SUPERVISOR SIGNATURE	7-5-13 _____ DATE
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### INSPECTION ACTIONS

- NO DEFICIENCIES NOTED
- FOLLOW-UP FLIGHT OR SURFACE INSPECTION RECOMMENDED AFTER DEBRIEF.



# TESORO PIPELINE RIGHT-OF-WAY INSPECTION REPORT

Date:	7-3-13	Departure Time:		Pilot Name:	
Observer:	Zuker	A/C Number:		Pilot Signature:	

## OBSERVATIONS

LANDMARK	TIME	RECORD OBSERVATIONS
3134 + 56 Test Coupon Station Kincaid Park/Point Campbell		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3165 + 06 Mainline Valve No. 6 Kincaid Park		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3252 + 07 Test Coupon Station Clithrow Center		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 81 Tesoro Branch line tie-in to AFSC		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 94 Mainline Valves No. 7 & 8	7/3/13	<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: BROKEN LINE MARKER 500 FT UPSTREAM OF MLV # 7
3461 + 64 Mainline Valve No. 9 Northern Lights Blvd.		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3474 + 08 Fish Creek Crossing		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3511 + 12 Chester Creek Crossing	7/3/13	<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: MISSING LINE MARKER 700 FT DOWNSTREAM OF CHESTER CREEK
3592 + 25 Ship Creek Crossing	7/3/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3624 + 89 Test Coupon Station - Port of Anchorage Pipeline Receiving Station	7/3/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____

### OBSERVER CERTIFICATION

I CERTIFY THAT I HAVE COMPLETED A THOROUGH VISUAL INSPECTION OF THE TESORO ALASKA PIPELINE AND THAT ALL DEFICIENCIES (IF NOTED) HAVE BEEN DOCUMENTED IN THE COMMENT SECTION OF THIS REPORT. ALL PIPELINE PROBLEMS HAVE BEEN REPORTED UPON DISCOVERY.

_____ OBSERVERS SIGNATURE	7-3-13 _____ DATE	_____ SUPERVISOR SIGNATURE	7-3-13 _____ DATE
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### INSPECTION ACTIONS

- NO DEFICIENCIES NOTED
- FOLLOW-UP FLIGHT OR SURFACE INSPECTION RECOMMENDED AFTER DEBRIEF.

# TESORO PIPELINE RIGHT-OF-WAY INSPECTION REPORT

Date:	7-3-13	Departure Time:		Pilot Name:	
Observer:	Zuker	A/C Number:		Pilot Signature:	

## OBSERVATIONS LOG

LANDMARK	TIME	RECORD OBSERVATIONS
3134 + 56 Test Coupon Station Kincaid Park/Point Campbell		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3165 + 06 Mainline Valve No. 6 Kincaid Park		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3252 + 07 Test Coupon Station Clithrow Center		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 81 Tesoro Branch line tie-in to AFSC		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 94 Mainline Valves No. 7 & 8	7/3/13	<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: BROKEN LINE MARKER 500 FT UPSTREAM OF MLV # 7.
3461 + 64 Mainline Valve No. 9 Northern Lights Blvd.		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3474 + 08 Fish Creek Crossing		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3511 + 12 Chester Creek Crossing	7/3/13	<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: MISSING LINE MARKER 700 FT DOWNSTREAM OF CHESTER CREEK.
3592 + 25 Ship Creek Crossing	7/3/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3624 + 89 Test Coupon Station - Port of Anchorage Pipeline Receiving Station	7/3/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____

### OBSERVER CERTIFICATION

I CERTIFY THAT I HAVE COMPLETED A THOROUGH VISUAL INSPECTION OF THE TESORO ALASKA PIPELINE AND THAT ALL DEFICIENCIES (IF NOTED) HAVE BEEN DOCUMENTED IN THE COMMENT SECTION OF THIS REPORT. ALL PIPELINE PROBLEMS HAVE BEEN REPORTED UPON DISCOVERY.

	7-3-13		
OBSERVERS SIGNATURE	DATE	SUPERVISOR SIGNATURE	DATE

### INSPECTION ACTIONS

- NO DEFICIENCIES NOTED
- FOLLOW-UP FLIGHT OR SURFACE INSPECTION RECOMMENDED AFTER DEBRIEF.

# TESORO PIPELINE RIGHT-OF-WAY INSPECTION REPORT

Date:	7-9-13	Departure Time:	10:00	Pilot Name:	N/A
Observer:	6EP	A/C Number:	N/A	Pilot Signature:	N/A

## OBSERVATIONS LOG

LANDMARK	TIME	RECORD OBSERVATIONS
4 + 31 Refinery Pump Station Mainline Valve No. 1		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
712 + 29 Rectifier - Captain Cook State Park		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
857 + 46 Swanson River Mainline Valve No. 2 879 + 34 Mainline Valve No. 3		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
1625 + 77 Mainline Valve No. 4 Moose Point		15:00
2319 + 12 Mainline Valve No. 5 Point Possession	12:00	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
5 + 06 Mainline Valve No. 6 Point Campbell		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 94 Mainline Valve No. 7 ASIG Tie-in		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 94 Mainline Valve No. 8 ASIG Tie-in		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3461 + 64 Mainline Valve No. 9		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3624 + 89 Port of Anchorage Receiving Station		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____

### OBSERVER CERTIFICATION

I CERTIFY THAT I HAVE COMPLETED A THOROUGH VISUAL INSPECTION OF THE TESORO ALASKA PIPELINE AND THAT ALL DEFICIENCIES (IF NOTED) HAVE BEEN DOCUMENTED IN THE COMMENT SECTION OF THIS REPORT. ALL PIPELINE PROBLEMS HAVE BEEN REPORTED UPON DISCOVERY.

 OBSERVERS SIGNATURE	7-9-13 DATE	 SUPERVISOR SIGNATURE	7-10-13 DATE
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### INSPECTION ACTIONS

- NO DEFICIENCIES NOTED
- FOLLOW-UP FLIGHT OR SURFACE INSPECTION RECOMMENDED AFTER DEBRIEF.

# TESORO PIPELINE RIGHT-OF-WAY INSPECTION REPORT

Date:	7-8-13	Departure Time:	1812 hrs	Pilot Name:	Tom Thibodeau
Observer:	SCOT PALES	A/C Number:	1108J	Pilot Signature:	<i>[Signature]</i>

## OBSERVATIONS LOG

LANDMARK	TIME	RECORD OBSERVATIONS
4 + 31 Refinery Pump Station Mainline Valve No. 1	1820	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
712 + 29 Rectifier - Captain Cook State Park	1826	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
857 + 46 Swanson River Mainline Valve No. 2 879 + 34 Mainline Valve No. 3	1827	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
1625 + 77 Mainline Valve No. 4 Moose Point	1833	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
2319 + 12 Mainline Valve No. 5 Point Possession	1838	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
5 + 06 Mainline Valve No. 6 Point Campbell		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 94 Mainline Valve No. 7 ASIG Tie-in		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 94 Mainline Valve No. 8 ASIG Tie-in		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3461 + 64 Mainline Valve No. 9		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3624 + 89 Port of Anchorage Receiving Station		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____

### OBSERVER CERTIFICATION

I CERTIFY THAT I HAVE COMPLETED A THOROUGH VISUAL INSPECTION OF THE TESORO ALASKA PIPELINE AND THAT ALL DEFICIENCIES (IF NOTED) HAVE BEEN DOCUMENTED IN THE COMMENT SECTION OF THIS REPORT. ALL PIPELINE PROBLEMS HAVE BEEN REPORTED UPON DISCOVERY.

<i>[Signature]</i> OBSERVERS SIGNATURE	7-8-13 DATE	<i>[Signature]</i> SUPERVISOR SIGNATURE	7-15-13 DATE
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### INSPECTION ACTIONS

- NO DEFICIENCIES NOTED
- FOLLOW-UP FLIGHT OR SURFACE INSPECTION RECOMMENDED AFTER DEBRIEF.

# TESORO PIPELINE RIGHT-OF-WAY INSPECTION REPORT

Date:	7/7/13	Departure Time:	1006	Pilot Name:	N/A
Observer:	D. Groleske	AS Number:	FSM 704	Pilot Signature:	N/A

## OBSERVATIONS LOG

LANDMARK	TIME	RECORD OBSERVATIONS
4 + 31 Refinery Pump Station Mainline Valve No. 1	1006	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: <u>DROVE ROW MLY 1 TO DANIELS CREEK TO INSPECT RECENT BRUSHING OF TAPL ROW</u>
712 + 29 Rectifier - Captain Cook State Park		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
857 + 46 Swanson River Mainline Valve No. 2 879 + 34 Mainline Valve No. 3		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
1625 + 77 Mainline Valve No. 4 Moose Point		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
2319 + 12 Mainline Valve No. 5 Point Possession		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
15 + 06 Mainline Valve No. 6 Point Campbell		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 94 Mainline Valve No. 7 ASIG Tie-in		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 94 Mainline Valve No. 8 ASIG Tie-in		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3461 + 64 Mainline Valve No. 9		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3624 + 89 Port of Anchorage Receiving Station		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____

### OBSERVER CERTIFICATION

I CERTIFY THAT I HAVE COMPLETED A THOROUGH VISUAL INSPECTION OF THE TESORO ALASKA PIPELINE AND THAT ALL DEFICIENCIES (IF NOTED) HAVE BEEN DOCUMENTED IN THE COMMENT SECTION OF THIS REPORT. ALL PIPELINE PROBLEMS HAVE BEEN REPORTED UPON DISCOVERY.

*D. Groleske*  
OBSERVERS SIGNATURE

7/7/13  
DATE

*[Signature]*  
SUPERVISOR SIGNATURE

7-8-13  
DATE

### INSPECTION ACTIONS

- NO DEFICIENCIES NOTED
- FOLLOW-UP FLIGHT OR SURFACE INSPECTION RECOMMENDED AFTER DEBRIEF.

# TESORO PIPELINE RIGHT-OF-WAY INSPECTION REPORT

Date:	7-3-13	Departure Time:		Pilot Name:	
Observer:	Zuker	A/C Number:		Pilot Signature:	

## OBSERVATIONS LOG

LANDMARK	TIME	RECORD OBSERVATIONS
3134 + 56 Test Coupon Station Kincaid Park/Point Campbell		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3165 + 06 Mainline Valve No. 6 Kincaid Park		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3252 + 07 Test Coupon Station Clithrow Center		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 81 Tesoro Branch line tie-in to AFSC		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 94 Mainline Valves No. 7 & 8	7/3/13	<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: <u>BROKEN LINE MARKED 500 FT</u> <u>UPSTREAM OF MLV # 7.</u>
3461 + 64 Mainline Valve No. 9 Northern Lights Blvd.		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3474 + 08 Fish Creek Crossing		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3511 + 12 Chester Creek Crossing	7/3/13	<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: <u>MISSING LINE MARKED 700 FT DOWNSTREAM</u> <u>OF CHESTER CREEK</u>
3592 + 25 Ship Creek Crossing	7/3/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3624 + 89 Test Coupon Station - Port of Anchorage Pipeline Receiving Station	7/3/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____

### OBSERVER CERTIFICATION

I CERTIFY THAT I HAVE COMPLETED A THOROUGH VISUAL INSPECTION OF THE TESORO ALASKA PIPELINE AND THAT ALL DEFICIENCIES (IF NOTED) HAVE BEEN DOCUMENTED IN THE COMMENT SECTION OF THIS REPORT. ALL PIPELINE PROBLEMS HAVE BEEN REPORTED UPON DISCOVERY.

 OBSERVERS SIGNATURE	7-3-13 DATE	 SUPERVISOR SIGNATURE	7-8-13 DATE
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### INSPECTION ACTIONS

- NO DEFICIENCIES NOTED
- FOLLOW-UP FLIGHT OR SURFACE INSPECTION RECOMMENDED AFTER DEBRIEF.

# TESORO PIPELINE RIGHT-OF-WAY INSPECTION REPORT

Date:	6-24-13	Departure Time:		Pilot Name:	
Observer:	Z. K. V.	A/C Number:		Pilot Signature:	

## OBSERVATIONS LOG

LANDMARK	TIME	RECORD OBSERVATIONS
3134 + 56 Test Coupon Station Kincaid Park/Point Campbell	6/24/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3165 + 06 Mainline Valve No. 6 Kincaid Park	6/24/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3252 + 07 Test Coupon Station Clithrow Center	6/24/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 81 Tesoro Branch line tie-in to AFSC	6/24/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 94 Mainline Valves No. 7 & 8	6/24/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3461 + 64 Mainline Valve No. 9 Northern Lights Blvd.	6/24/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3474 + 08 Fish Creek Crossing	6/24/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3511 + 12 Chester Creek Crossing	6/24/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3592 + 25 Ship Creek Crossing	6/24/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3624 + 89 Test Coupon Station - Port of Anchorage Pipeline Receiving Station	6/24/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____

### OBSERVER CERTIFICATION

I CERTIFY THAT I HAVE COMPLETED A THOROUGH VISUAL INSPECTION OF THE TESORO ALASKA PIPELINE AND THAT ALL DEFICIENCIES (IF NOTED) HAVE BEEN DOCUMENTED IN THE COMMENT SECTION OF THIS REPORT. ALL PIPELINE PROBLEMS HAVE BEEN REPORTED UPON DISCOVERY.

 _____ OBSERVERS SIGNATURE	6-24-13 _____ DATE	 _____ SUPERVISOR SIGNATURE	6-24-13 _____ DATE
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### INSPECTION ACTIONS

- NO DEFICIENCIES NOTED  
 FOLLOW-UP FLIGHT OR SURFACE INSPECTION RECOMMENDED AFTER DEBRIEF.

# TESORO PIPELINE RIGHT-OF-WAY INSPECTION REPORT

Date:	6-22-13	Departure Time:	1355	Pilot Name:	Doug Brewer
Observer:	Zac Miller	A/C Number:	N108J	Pilot Signature:	<i>[Signature]</i>

## OBSERVATIONS LOG

LANDMARK	TIME	RECORD OBSERVATIONS
4 + 31 Refinery Pump Station Mainline Valve No. 1	1400	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
712 + 29 Rectifier - Captain Cook State Park	1406	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
857 + 46 Swanson River Mainline Valve No. 2 879 + 34 Mainline Valve No. 3	1407	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
1625 + 77 Mainline Valve No. 4 Moose Point	1414	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
2319 + 12 Mainline Valve No. 5 Point Possession	1420	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
5 + 06 Mainline Valve No. 6 Point Campbell	1427	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 94 Mainline Valve No. 7 ASIG Tie-in	1428	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 94 Mainline Valve No. 8 ASIG Tie-in	1428	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3461 + 64 Mainline Valve No. 9	1429	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3624 + 89 Port of Anchorage Receiving Station	N/A	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____

### OBSERVER CERTIFICATION

I CERTIFY THAT I HAVE COMPLETED A THOROUGH VISUAL INSPECTION OF THE TESORO ALASKA PIPELINE AND THAT ALL DEFICIENCIES (IF NOTED) HAVE BEEN DOCUMENTED IN THE COMMENT SECTION OF THIS REPORT. ALL PIPELINE PROBLEMS HAVE BEEN REPORTED UPON DISCOVERY.

*[Signature]*  
OBSERVERS SIGNATURE

6-22-13  
DATE

*[Signature]*  
SUPERVISOR SIGNATURE

6-22-13  
DATE

### INSPECTION ACTIONS

- NO DEFICIENCIES NOTED  
 FOLLOW-UP FLIGHT OR SURFACE INSPECTION RECOMMENDED AFTER DEBRIEF.

# TESORO PIPELINE RIGHT-OF-WAY INSPECTION REPORT

Date:	6-19-13	Departure Time:		Pilot Name:	
Observer:	Zuker	A/C Number:		Pilot Signature:	

## OBSERVATIONS LOG

LANDMARK	TIME	RECORD OBSERVATIONS
3134 + 56 Test Coupon Station Kincaid Park/Point Campbell	6/19/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3165 + 06 Mainline Valve No. 6 Kincaid Park	6/19/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3252 + 07 Test Coupon Station Clithrow Center	6/19/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 81 Tesoro Branch line tie-in to AFSC	6/19/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 94 Mainline Valves No. 7 & 8	6/19/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3461 + 64 Mainline Valve No. 9 Northern Lights Blvd.	6/19/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3474 + 08 Fish Creek Crossing	6/19/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3511 + 12 Chester Creek Crossing	6/19/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3592 + 25 Ship Creek Crossing	6/19/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3624 + 89 Test Coupon Station - Port of Anchorage Pipeline Receiving Station	6/19/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____

### OBSERVER CERTIFICATION

I CERTIFY THAT I HAVE COMPLETED A THOROUGH VISUAL INSPECTION OF THE TESORO ALASKA PIPELINE AND THAT ALL DEFICIENCIES (IF NOTED) HAVE BEEN DOCUMENTED IN THE COMMENT SECTION OF THIS REPORT. ALL PIPELINE PROBLEMS HAVE BEEN REPORTED UPON DISCOVERY.

 _____ OBSERVER'S SIGNATURE	6-19-13 _____ DATE	 _____ SUPERVISOR SIGNATURE	6-19-13 _____ DATE
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### INSPECTION ACTIONS

- NO DEFICIENCIES NOTED
- FOLLOW-UP FLIGHT OR SURFACE INSPECTION RECOMMENDED AFTER DEBRIEF.

# TESORO PIPELINE RIGHT-OF-WAY INSPECTION REPORT

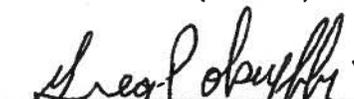
Date:	6-11-13	Departure Time:	10:00	Pilot Name:	
Observer:	6EP	A/C Number:		Pilot Signature:	

## OBSERVATIONS LOG

LANDMARK	TIME	RECORD OBSERVATIONS
4 + 31 Refinery Pump Station Mainline Valve No. 1		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
712 + 29 Rectifier - Captain Cook State Park		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
857 + 46 Swanson River Mainline Valve No. 2 879 + 34 Mainline Valve No. 3		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
1625 + 77 Mainline Valve No. 4 Moose Point	15:00	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
2319 + 12 Mainline Valve No. 5 Point Possession	12:00	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3165 + 06 Mainline Valve No. 6 Point Campbell		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 94 Mainline Valve No. 7 ASIG Tie-in		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 94 Mainline Valve No. 8 ASIG Tie-in		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3461 + 64 Mainline Valve No. 9		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3624 + 89 Port of Anchorage Receiving Station		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____

### OBSERVER CERTIFICATION

I CERTIFY THAT I HAVE COMPLETED A THOROUGH VISUAL INSPECTION OF THE TESORO ALASKA PIPELINE AND THAT ALL DEFICIENCIES (IF NOTED) HAVE BEEN DOCUMENTED IN THE COMMENT SECTION OF THIS REPORT. ALL PIPELINE PROBLEMS HAVE BEEN REPORTED UPON DISCOVERY.

 OBSERVERS SIGNATURE	6-11-13 DATE	 SUPERVISOR SIGNATURE	6-12-13 DATE
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### INSPECTION ACTIONS

- NO DEFICIENCIES NOTED
- FOLLOW-UP FLIGHT OR SURFACE INSPECTION RECOMMENDED AFTER DEBRIEF.

# TESORO PIPELINE RIGHT-OF-WAY INSPECTION REPORT

Date:	6/8/13	Departure Time:	1129	Pilot Name:	Tom Kibbey
Observer:	A. Groleske	A/C Number:	N1432Z	Pilot Signature:	<i>[Signature]</i>

## OBSERVATIONS LOG

LANDMARK	TIME	RECORD OBSERVATIONS
4 + 31 Refinery Pump Station Mainline Valve No. 1	1137	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
712 + 29 Rectifier - Captain Cook State Park	1144	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
857 + 46 Swanson River Mainline Valve No. 2 879 + 34 Mainline Valve No. 3	1146	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
1625 + 77 Mainline Valve No. 4 Moose Point	1154	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
2319 + 12 Mainline Valve No. 5 Point Possession	1201	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3165 + 06 Mainline Valve No. 6 Point Campbell	1213	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 94 Mainline Valve No. 7 ASIG Tie-in	1215	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 94 Mainline Valve No. 8 ASIG Tie-in	1215	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3461 + 64 Mainline Valve No. 9	1216	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3624 + 89 Port of Anchorage Receiving Station	1217	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____

### OBSERVER CERTIFICATION

I CERTIFY THAT I HAVE COMPLETED A THOROUGH VISUAL INSPECTION OF THE TESORO ALASKA PIPELINE AND THAT ALL DEFICIENCIES (IF NOTED) HAVE BEEN DOCUMENTED IN THE COMMENT SECTION OF THIS REPORT. ALL PIPELINE PROBLEMS HAVE BEEN REPORTED UPON DISCOVERY.

<i>[Signature]</i>	6/8/13	<i>[Signature]</i>	6-10-13
OBSERVER'S SIGNATURE	DATE	SUPERVISOR'S SIGNATURE	DATE

### INSPECTION ACTIONS

- NO DEFICIENCIES NOTED
- FOLLOW-UP FLIGHT OR SURFACE INSPECTION RECOMMENDED AFTER DEBRIEF.

# TESORO PIPELINE RIGHT-OF-WAY INSPECTION REPORT

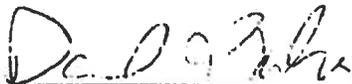
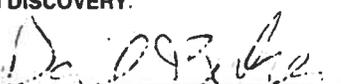
Date:	6-7-13	Departure Time:		Pilot Name:	
Observer:	L. V. V.	A/C Number:		Pilot Signature:	

## OBSERVATIONS LOG

LANDMARK	TIME	RECORD OBSERVATIONS
3134 + 56 Test Coupon Station Kincaid Park/Point Campbell	6/7/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3165 + 06 Mainline Valve No. 6 Kincaid Park	6/7/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3252 + 07 Test Coupon Station Clithrow Center	6/7/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 81 Tesoro Branch line tie-in to AFSC	6/7/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 94 Mainline Valves No. 7 & 8	6/7/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3461 + 64 Mainline Valve No. 9 Northern Lights Blvd.	6/7/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3474 + 08 Fish Creek Crossing	6/7/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3511 + 12 Chester Creek Crossing	6/7/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3592 + 25 Ship Creek Crossing	6/7/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3624 + 89 Test Coupon Station - Port of Anchorage Pipeline Receiving Station	6/7/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____

### OBSERVER CERTIFICATION

I CERTIFY THAT I HAVE COMPLETED A THOROUGH VISUAL INSPECTION OF THE TESORO ALASKA PIPELINE AND THAT ALL DEFICIENCIES (IF NOTED) HAVE BEEN DOCUMENTED IN THE COMMENT SECTION OF THIS REPORT. ALL PIPELINE PROBLEMS HAVE BEEN REPORTED UPON DISCOVERY.

 _____ OBSERVERS SIGNATURE	6-7-13 _____ DATE	 _____ SUPERVISOR SIGNATURE	6-7-13 _____ DATE
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### INSPECTION ACTIONS

- NO DEFICIENCIES NOTED
- FOLLOW-UP FLIGHT OR SURFACE INSPECTION RECOMMENDED AFTER DEBRIEF.

# TESORO PIPELINE RIGHT-OF-WAY INSPECTION REPORT

Date:	5-27-13	Departure Time:		Pilot Name:	
Observer:	Zuker	A/C Number:		Pilot Signature:	

## OBSERVATIONS LOG

LANDMARK	TIME	RECORD OBSERVATIONS
3134 + 56 Test Coupon Station Kincaid Park/Point Campbell	5/27/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3165 + 06 Mainline Valve No. 6 Kincaid Park	5/27/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3252 + 07 Test Coupon Station Clithrow Center	5/27/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 81 Tesoro Branch line tie-in to AFSC	5/27/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 94 Mainline Valves No. 7 & 8	5/27/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3461 + 64 Mainline Valve No. 9 Northern Lights Blvd.	5/27/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3474 + 08 Fish Creek Crossing	5/27/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3511 + 12 Chester Creek Crossing	5/27/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3592 + 25 Ship Creek Crossing	5/27/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3624 + 89 Test Coupon Station - Port of Anchorage Pipeline Receiving Station	5/27/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____

### OBSERVER CERTIFICATION

I CERTIFY THAT I HAVE COMPLETED A THOROUGH VISUAL INSPECTION OF THE TESORO ALASKA PIPELINE AND THAT ALL DEFICIENCIES (IF NOTED) HAVE BEEN DOCUMENTED IN THE COMMENT SECTION OF THIS REPORT. ALL PIPELINE PROBLEMS HAVE BEEN REPORTED UPON DISCOVERY.

	5-27-13		5-27-13
OBSERVER'S SIGNATURE	DATE	SUPERVISOR'S SIGNATURE	DATE

### INSPECTION ACTIONS

- NO DEFICIENCIES NOTED
- FOLLOW-UP FLIGHT OR SURFACE INSPECTION RECOMMENDED AFTER DEBRIEF.

# TESORO PIPELINE RIGHT-OF-WAY INSPECTION REPORT

Date:	5-26-13	Departure Time:	1234	Pilot Name:	Doug Sawyer
server:	Zac Miller	A/C Number:		Pilot Signature:	<i>[Signature]</i>

## OBSERVATIONS LOG

LANDMARK	TIME	RECORD OBSERVATIONS
4 + 31 Refinery Pump Station Mainline Valve No. 1	1241	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
712 + 29 Rectifier - Captain Cook State Park	1247	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
857 + 46 Swanson River Mainline Valve No. 2 879 + 34 Mainline Valve No. 3	1249	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
1625 + 77 Mainline Valve No. 4 Moose Point	1256	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
2319 + 12 Mainline Valve No. 5 Point Possession	1303	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
.5 + 06 Mainline Valve No. 6 Point Campbell	1312	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 94 Mainline Valve No. 7 ASIG Tie-in	1313	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 94 Mainline Valve No. 8 ASIG Tie-in	1313	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3461 + 64 Mainline Valve No. 9	1315	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3624 + 89 Port of Anchorage Receiving Station	N/A	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____

### OBSERVER CERTIFICATION

I CERTIFY THAT I HAVE COMPLETED A THOROUGH VISUAL INSPECTION OF THE TESORO ALASKA PIPELINE AND THAT ALL DEFICIENCIES (IF NOTED) HAVE BEEN DOCUMENTED IN THE COMMENT SECTION OF THIS REPORT. ALL PIPELINE PROBLEMS HAVE BEEN REPORTED UPON DISCOVERY.

<i>[Signature]</i> OBSERVERS SIGNATURE	5-26-13 DATE	<i>[Signature]</i> SUPERVISOR SIGNATURE	5-27-13 DATE
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### INSPECTION ACTIONS

- NO DEFICIENCIES NOTED
- FOLLOW-UP FLIGHT OR SURFACE INSPECTION RECOMMENDED AFTER DEBRIEF.

# TESORO PIPELINE RIGHT-OF-WAY INSPECTION REPORT

Date:	5-23-13	Departure Time:	9:30	Pilot Name:	
Observer:	6EP	A/C Number:		Pilot Signature:	

## OBERVATIONS LOG

LANDMARK	TIME	RECORD OBSERVATIONS
4 + 31 Refinery Pump Station Mainline Valve No. 1		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
712 + 29 Rectifier - Captain Cook State Park		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
857 + 46 Swanson River Mainline Valve No. 2 879 + 34 Mainline Valve No. 3		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
1625 + 77 Mainline Valve No. 4 Moose Point	1:00pm	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
2319 + 12 Mainline Valve No. 5 Point Possession	12:00	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3165 + 06 Mainline Valve No. 6 Point Campbell		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 94 Mainline Valve No. 7 ASIG Tie-in		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 94 Mainline Valve No. 8 ASIG Tie-in		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3461 + 64 Mainline Valve No. 9		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3624 + 89 Port of Anchorage Receiving Station		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____

### OBSERVER CERTIFICATION

I CERTIFY THAT I HAVE COMPLETED A THOROUGH VISUAL INSPECTION OF THE TESORO ALASKA PIPELINE AND THAT ALL DEFICIENCIES (IF NOTED) HAVE BEEN DOCUMENTED IN THE COMMENT SECTION OF THIS REPORT. ALL PIPELINE PROBLEMS HAVE BEEN REPORTED UPON DISCOVERY.

 OBSERVERS SIGNATURE	5-23-13 DATE	 SUPERVISOR SIGNATURE	5-23-13 DATE
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### INSPECTION ACTIONS

- NO DEFICIENCIES NOTED
- FOLLOW-UP FLIGHT OR SURFACE INSPECTION RECOMMENDED AFTER DEBRIEF.

# TESORO PIPELINE RIGHT-OF-WAY INSPECTION REPORT

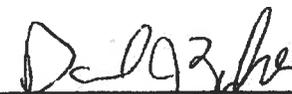
Date:	4-26-13	Departure Time:		Pilot Name:	
Observer:	Zykyre	A/C Number:		Pilot Signature:	

## OBERVATIONS LOG

LANDMARK	TIME	RECORD OBSERVATIONS
3134 + 56 Test Coupon Station Kincaid Park/Point Campbell	4/26/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3165 + 06 Mainline Valve No. 6 Kincaid Park	4/26/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3252 + 07 Test Coupon Station Clithrow Center	4/26/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 81 Tesoro Branch line tie-in to AFSC	4/26/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 94 Mainline Valves No. 7 & 8	4/26/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3461 + 64 Mainline Valve No. 9 Northern Lights Blvd.	4/26/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3474 + 08 Fish Creek Crossing	4/26/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3511 + 12 Chester Creek Crossing	4/26/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3592 + 25 Ship Creek Crossing	4/26/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3624 + 89 Test Coupon Station - Port of Anchorage Pipeline Receiving Station	4/26/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____

### OBSERVER CERTIFICATION

I CERTIFY THAT I HAVE COMPLETED A THOROUGH VISUAL INSPECTION OF THE TESORO ALASKA PIPELINE AND THAT ALL DEFICIENCIES (IF NOTED) HAVE BEEN DOCUMENTED IN THE COMMENT SECTION OF THIS REPORT. ALL PIPELINE PROBLEMS HAVE BEEN REPORTED UPON DISCOVERY.

 _____ OBSERVERS SIGNATURE	4-26-13 _____ DATE	 _____ SUPERVISOR SIGNATURE	5-13-13 _____ DATE
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### INSPECTION ACTIONS

- NO DEFICIENCIES NOTED
- FOLLOW-UP FLIGHT OR SURFACE INSPECTION RECOMMENDED AFTER DEBRIEF.

# TESORO PIPELINE RIGHT-OF-WAY INSPECTION REPORT

Date:	5/12/13	Departure Time:	1313	Pilot Name:	Doug Brewer
Observer:	A. Grodzke	A/C Number:	N181AW	Pilot Signature:	<i>[Signature]</i>

## OBSERVATIONS LOG

LANDMARK	TIME	RECORD OBSERVATIONS
4 + 31 Refinery Pump Station Mainline Valve No. 1	1318	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
712 + 29 Rectifier - Captain Cook State Park	1326	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
857 + 46 Swanson River Mainline Valve No. 2 879 + 34 Mainline Valve No. 3	1328	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
1625 + 77 Mainline Valve No. 4 Moose Point	1337	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
2319 + 12 Mainline Valve No. 5 Point Possession	1345	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3165 + 06 Mainline Valve No. 6 Point Campbell	1356	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 94 Mainline Valve No. 7 ASIG Tie-in	1357	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 94 Mainline Valve No. 8 ASIG Tie-in	1357	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3461 + 64 Mainline Valve No. 9	1359	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3624 + 89 Port of Anchorage Receiving Station	1400	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____

### OBSERVER CERTIFICATION

I CERTIFY THAT I HAVE COMPLETED A THOROUGH VISUAL INSPECTION OF THE TESORO ALASKA PIPELINE AND THAT ALL DEFICIENCIES (IF NOTED) HAVE BEEN DOCUMENTED IN THE COMMENT SECTION OF THIS REPORT. ALL PIPELINE PROBLEMS HAVE BEEN REPORTED UPON DISCOVERY.

<i>[Signature]</i> OBSERVERS SIGNATURE	5/12/13 DATE	<i>[Signature]</i> SUPERVISOR SIGNATURE	5-13-13 DATE
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### INSPECTION ACTIONS

- NO DEFICIENCIES NOTED  
 FOLLOW-UP FLIGHT OR SURFACE INSPECTION RECOMMENDED AFTER DEBRIEF.

# TESORO PIPELINE RIGHT-OF-WAY INSPECTION REPORT

Date:	5-10-13	Departure Time:		Pilot Name:	
Observer:	Zuck	A/C Number:		Pilot Signature:	

## OBERVATIONS LOG

LANDMARK	TIME	RECORD OBSERVATIONS
3134 + 56 Test Coupon Station Kincaid Park/Point Campbell	5/10/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3165 + 06 Mainline Valve No. 6 Kincaid Park	5/10/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3252 + 07 Test Coupon Station Clithrow Center	5/10/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 81 Tesoro Branch line tie-in to AFSC	5/10/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 94 Mainline Valves No. 7 & 8	5/10/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3461 + 64 Mainline Valve No. 9 Northern Lights Blvd.	5/10/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3474 + 08 Fish Creek Crossing	5/10/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3511 + 12 Chester Creek Crossing	5/10/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3592 + 25 Ship Creek Crossing	5/10/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3624 + 89 Test Coupon Station - Port of Anchorage Pipeline Receiving Station	5/10/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____

### OBSERVER CERTIFICATION

I CERTIFY THAT I HAVE COMPLETED A THOROUGH VISUAL INSPECTION OF THE TESORO ALASKA PIPELINE AND THAT ALL DEFICIENCIES (IF NOTED) HAVE BEEN DOCUMENTED IN THE COMMENT SECTION OF THIS REPORT. ALL PIPELINE PROBLEMS HAVE BEEN REPORTED UPON DISCOVERY.

 _____ OBSERVERS SIGNATURE	5-10-13 _____ DATE	 _____ SUPERVISOR SIGNATURE	5-10-13 _____ DATE
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### INSPECTION ACTIONS

- NO DEFICIENCIES NOTED
- FOLLOW-UP FLIGHT OR SURFACE INSPECTION RECOMMENDED AFTER DEBRIEF.

# TESORO PIPELINE RIGHT-OF-WAY INSPECTION REPORT

Date:	5-27-13	Departure Time:		Pilot Name:	
Observer:	Zuker	A/C Number:		Pilot Signature:	

## OBSERVATIONS LOG

LANDMARK	TIME	RECORD OBSERVATIONS
3134 + 56 Test Coupon Station Kincaid Park/Point Campbell	5/27/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3165 + 06 Mainline Valve No. 6 Kincaid Park	5/27/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3252 + 07 Test Coupon Station Clithrow Center	5/27/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 81 Tesoro Branch line tie-in to AFSC	5/27/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 94 Mainline Valves No. 7 & 8	5/27/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3461 + 64 Mainline Valve No. 9 Northern Lights Blvd.	5/27/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3474 + 08 Fish Creek Crossing	5/27/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3511 + 12 Chester Creek Crossing	5/27/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3592 + 25 Ship Creek Crossing	5/27/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3624 + 89 Test Coupon Station - Port of Anchorage Pipeline Receiving Station	5/27/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____

### OBSERVER CERTIFICATION

I CERTIFY THAT I HAVE COMPLETED A THOROUGH VISUAL INSPECTION OF THE TESORO ALASKA PIPELINE AND THAT ALL DEFICIENCIES (IF NOTED) HAVE BEEN DOCUMENTED IN THE COMMENT SECTION OF THIS REPORT. ALL PIPELINE PROBLEMS HAVE BEEN REPORTED UPON DISCOVERY.

 _____ OBSERVER'S SIGNATURE	5-27-13 _____ DATE	 _____ SUPERVISOR'S SIGNATURE	5-27-13 _____ DATE
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### INSPECTION ACTIONS

- NO DEFICIENCIES NOTED
- FOLLOW-UP FLIGHT OR SURFACE INSPECTION RECOMMENDED AFTER DEBRIEF.

# TESORO PIPELINE RIGHT-OF-WAY INSPECTION REPORT

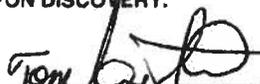
Date:	4-27-13	Departure Time:	1057	Pilot Name:	Doug Brewer
Observer:	D. Tuttle	A/C Number:		Pilot Signature:	Doug Brewer

## OBSERVATIONS LOG

LANDMARK	TIME	RECORD OBSERVATIONS
4 + 31 Refinery Pump Station Mainline Valve No. 1	1102	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
712 + 29 Rectifier - Captain Cook State Park	1109	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
857 + 46 Swanson River Mainline Valve No. 2 879 + 34 Mainline Valve No. 3	1110	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
1625 + 77 Mainline Valve No. 4 Moose Point	1118	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
2319 + 12 Mainline Valve No. 5 Point Possession	1126	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3165 + 06 Mainline Valve No. 6 Point Campbell	1133	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 94 Mainline Valve No. 7 ASIG Tie-in	1134	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 94 Mainline Valve No. 8 ASIG Tie-in	1134	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3461 + 64 Mainline Valve No. 9	1135	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3624 + 89 Port of Anchorage Receiving Station	1136	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____

### OBSERVER CERTIFICATION

I CERTIFY THAT I HAVE COMPLETED A THOROUGH VISUAL INSPECTION OF THE TESORO ALASKA PIPELINE AND THAT ALL DEFICIENCIES (IF NOTED) HAVE BEEN DOCUMENTED IN THE COMMENT SECTION OF THIS REPORT. ALL PIPELINE PROBLEMS HAVE BEEN REPORTED UPON DISCOVERY.

 OBSERVER'S SIGNATURE	4-27-13 DATE	 SUPERVISOR SIGNATURE	4-29-13 DATE
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### INSPECTION ACTIONS

- NO DEFICIENCIES NOTED
- FOLLOW-UP FLIGHT OR SURFACE INSPECTION RECOMMENDED AFTER DEBRIEF.

# TESORO PIPELINE RIGHT-OF-WAY INSPECTION REPORT

Date:	4-26-13	Departure Time:		Pilot Name:	
Observer:	Zuker	A/C Number:		Pilot Signature:	

## OBSERVATIONS LOG

LANDMARK	TIME	RECORD OBSERVATIONS
3134 + 56 Test Coupon Station Kincaid Park/Point Campbell	4/26/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3165 + 06 Mainline Valve No. 6 Kincaid Park	4/26/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3252 + 07 Test Coupon Station Clithrow Center	4/26/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comment : _____
3293 + 81 Tesoro Branch line tie-in to AFSC	4/26/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 94 Mainline Valves No. 7 & 8	4/26/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3461 + 64 Mainline Valve No. 9 Northern Lights Blvd.	4/26/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3474 + 08 Fish Creek Crossing	4/26/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3511 + 12 Chester Creek Crossing	4/26/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3592 + 25 Ship Creek Crossing	4/26/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3624 + 89 Test Coupon Station - Port of Anchorage Pipeline Receiving Station	4/26/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____

## OBSERVER CERTIFICATION

I CERTIFY THAT I HAVE COMPLETED A THOROUGH VISUAL INSPECTION OF THE TESORO ALASKA PIPELINE AND THAT ALL DEFICIENCIES (IF NOTED) HAVE BEEN DOCUMENTED IN THE COMMENT SECTION OF THIS REPORT. ALL PIPELINE PROBLEMS HAVE BEEN REPORTED UPON DISCOVERY.

 _____ OBSERVERS SIGNATURE	4-26-13 _____ DATE	 _____ SUPERVISOR SIGNATURE	4-26-13 _____ DATE
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## INSPECTION ACTIONS

- NO DEFICIENCIES NOTED  
 FOLLOW-UP FLIGHT OR SURFACE INSPECTION RECOMMENDED AFTER DEBRIEF.

# TESORO PIPELINE RIGHT-OF-WAY INSPECTION REPORT

Date:	4-22-13	Departure Time:	10:00	Pilot Name:	
Observer:	KEP	A/C Number:		Pilot Signature:	

## OBSERVATIONS LOG

LANDMARK	TIME	RECORD OBSERVATIONS
4 + 31 Refinery Pump Station Mainline Valve No. 1	}	<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
712 + 29 Rectifier - Captain Cook State Park		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
857 + 46 Swanson River Mainline Valve No. 2 879 + 34 Mainline Valve No. 3		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
1625 + 77 Mainline Valve No. 4 Moose Point	<del>12:00</del> 13:00	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
2319 + 12 Mainline Valve No. 5 Point Possession	12:00	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
5 + 06 Mainline Valve No. 6 Point Campbell	}	<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 94 Mainline Valve No. 7 ASIG Tie-in		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 94 Mainline Valve No. 8 ASIG Tie-in		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3461 + 64 Mainline Valve No. 9		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3624 + 89 Port of Anchorage Receiving Station		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____

### OBSERVER CERTIFICATION

I CERTIFY THAT I HAVE COMPLETED A THOROUGH VISUAL INSPECTION OF THE TESORO ALASKA PIPELINE AND THAT ALL DEFICIENCIES (IF NOTED) HAVE BEEN DOCUMENTED IN THE COMMENT SECTION OF THIS REPORT. ALL PIPELINE PROBLEMS HAVE BEEN REPORTED UPON DISCOVERY.

<u><i>Ang Popsyki</i></u> OBSERVERS SIGNATURE	<u>4-22-13</u> DATE	<u><i>Michael B...</i></u> SUPERVISOR SIGNATURE	<u>4-22-13</u> DATE
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### INSPECTION ACTIONS

- NO DEFICIENCIES NOTED
- FOLLOW-UP FLIGHT OR SURFACE INSPECTION RECOMMENDED AFTER DEBRIEF.

# TESORO PIPELINE RIGHT-OF-WAY INSPECTION REPORT

Date:	4-14-13	Departure Time:	12:35	Pilot Name:	[Signature]
Observer:	[Signature]	A/C Number:	108 J	Pilot Signature:	[Signature]

## OBSERVATIONS LOG

LANDMARK	TIME	RECORD OBSERVATIONS
4 + 31 Refinery Pump Station Mainline Valve No. 1	12:39	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
712 + 29 Rectifier - Captain Cook State Park	12:46	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
857 + 46 Swanson River Mainline Valve No. 2 879 + 34 Mainline Valve No. 3	12:47	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
1625 + 77 Mainline Valve No. 4 Moose Point	12:53	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
2319 + 12 Mainline Valve No. 5 Point Possession	13:00	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3165 + 06 Mainline Valve No. 6 Point Campbell	13:07	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 94 Mainline Valve No. 7 ASIG Tie-in	13:09	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 94 Mainline Valve No. 8 ASIG Tie-in	13:09	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3461 + 64 Mainline Valve No. 9	13:10	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3624 + 89 Port of Anchorage Receiving Station	13:10	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____

### OBSERVER CERTIFICATION

I CERTIFY THAT I HAVE COMPLETED A THOROUGH VISUAL INSPECTION OF THE TESORO ALASKA PIPELINE AND THAT ALL DEFICIENCIES (IF NOTED) HAVE BEEN DOCUMENTED IN THE COMMENT SECTION OF THIS REPORT. ALL PIPELINE PROBLEMS HAVE BEEN REPORTED UPON DISCOVERY.

[Signature]	4-14-13	[Signature]	4/14/13
OBSERVERS SIGNATURE	DATE	SUPERVISOR SIGNATURE	DATE

### INSPECTION ACTIONS

- NO DEFICIENCIES NOTED
- FOLLOW-UP FLIGHT OR SURFACE INSPECTION RECOMMENDED AFTER DEBRIEF.

# TESORO PIPELINE RIGHT-OF-WAY INSPECTION REPORT

Date:	4-12-13	Departure Time:		Pilot Name:	
Observer:	ZyKsu	A/C Number:		Pilot Signature:	

## OBSERVATIONS LOG

LANDMARK	TIME	RECORD OBSERVATIONS
3134 + 56 Test Coupon Station Kincaid Park/Point Campbell	4/12/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3165 + 06 Mainline Valve No. 6 Kincaid Park	4/12/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3252 + 07 Test Coupon Station Clithrow Center	4/12/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 81 Tesoro Branch line tie-in to AFSC	4/12/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 94 Mainline Valves No. 7 & 8	4/12/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3461 + 64 Mainline Valve No. 9 Northern Lights Blvd.	4/12/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3474 + 08 Fish Creek Crossing	4/12/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3511 + 12 Chester Creek Crossing	4/12/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3592 + 25 Ship Creek Crossing	4/12/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3624 + 89 Test Coupon Station - Port of Anchorage Pipeline Receiving Station	4/12/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____

### OBSERVER CERTIFICATION

I CERTIFY THAT I HAVE COMPLETED A THOROUGH VISUAL INSPECTION OF THE TESORO ALASKA PIPELINE AND THAT ALL DEFICIENCIES (IF NOTED) HAVE BEEN DOCUMENTED IN THE COMMENT SECTION OF THIS REPORT. ALL PIPELINE PROBLEMS HAVE BEEN REPORTED UPON DISCOVERY.

D. J. Zyk  
OBSERVERS SIGNATURE

4-12-13  
DATE

D. J. Zyk  
SUPERVISOR SIGNATURE

4-12-13  
DATE

### INSPECTION ACTIONS

- NO DEFICIENCIES NOTED
- FOLLOW-UP FLIGHT OR SURFACE INSPECTION RECOMMENDED AFTER DEBRIEF.

# TESORO PIPELINE RIGHT-OF-WAY INSPECTION REPORT

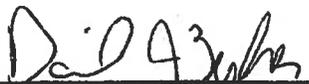
Date:	4-12-13	Departure Time:	
Observer:	ZuKSK	A/C Number:	

## OBSERVATIONS LOG

LANDMARK	TIME	RECORD OBSERVATIONS
3134 + 56 Test Coupon Station Kincaid Park/Point Campbell	4/12/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3165 + 06 Mainline Valve No. 6 Kincaid Park	4/12/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3252 + 07 Test Coupon Station Clithrow Center	4/12/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 81 Tesoro Branch line tie-in to AFSC	4/12/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 94 Mainline Valves No. 7 & 8	4/12/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3461 + 64 Mainline Valve No. 9 Northern Lights Blvd.	4/12/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3474 + 08 Fish Creek Crossing	4/12/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3511 + 12 Chester Creek Crossing	4/12/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3592 + 25 Ship Creek Crossing	4/12/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3624 + 89 Test Coupon Station - Port of Anchorage Pipeline Receiving Station	4/12/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____

### OBSERVER CERTIFICATION

I CERTIFY THAT I HAVE COMPLETED A THOROUGH VISUAL INSPECTION OF THE TESORO ALASKA PIPELINE AND THAT ALL DEFICIENCIES (IF NOTED) HAVE BEEN DOCUMENTED IN THE COMMENT SECTION OF THIS REPORT. ALL PIPELINE PROBLEMS HAVE BEEN REPORTED UPON DISCOVERY.

 _____ OBSERVERS SIGNATURE	4-12-13 _____ DATE	 _____ SUPERVISOR SIGNATURE	5-13-13 _____ DATE
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### INSPECTION ACTIONS

- NO DEFICIENCIES NOTED
- FOLLOW-UP FLIGHT OR SURFACE INSPECTION RECOMMENDED AFTER DEBRIEF.

# TESORO PIPELINE RIGHT-OF-WAY INSPECTION REPORT

Date:	3-31-13	Departure Time:	1341	Pilot Name:	Doug Browne
Observer:	Zac Miller	A/C Number:		Pilot Signature:	<i>[Signature]</i>

## OBSERVATIONS LOG

LANDMARK	TIME	RECORD OBSERVATIONS
4 + 31 Refinery Pump Station Mainline Valve No. 1	1346	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
712 + 29 Rectifier - Captain Cook State Park	1358	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
857 + 46 Swanson River Mainline Valve No. 2 879 + 34 Mainline Valve No. 3	1359 <del>1407</del>	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
1625 + 77 Mainline Valve No. 4 Moose Point	1408	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
2319 + 12 Mainline Valve No. 5 Point Possession	1415	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3165 + 06 Mainline Valve No. 6 Point Campbell	1423	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 94 Mainline Valve No. 7 ASIG Tie-in	1426	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 94 Mainline Valve No. 8 ASIG Tie-in	1426	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3461 + 64 Mainline Valve No. 9	1427	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3624 + 89 Port of Anchorage Receiving Station	1428	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____

### OBSERVER CERTIFICATION

I CERTIFY THAT I HAVE COMPLETED A THOROUGH VISUAL INSPECTION OF THE TESORO ALASKA PIPELINE AND THAT ALL DEFICIENCIES (IF NOTED) HAVE BEEN DOCUMENTED IN THE COMMENT SECTION OF THIS REPORT. ALL PIPELINE PROBLEMS HAVE BEEN REPORTED UPON DISCOVERY.

<i>[Signature]</i> OBSERVERS SIGNATURE	3-31-13 DATE	<i>[Signature]</i> SUPERVISOR SIGNATURE	3/31/13 DATE
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### INSPECTION ACTIONS

- NO DEFICIENCIES NOTED
- FOLLOW-UP FLIGHT OR SURFACE INSPECTION RECOMMENDED AFTER DEBRIEF.

# TESORO PIPELINE RIGHT-OF-WAY INSPECTION REPORT

Date:	3/28/13	Departure Time:		Pilot Name:	
Observer:	Z. K. V.	A/C Number:		Pilot Signature:	

## OBSERVATIONS LOG

LANDMARK	TIME	RECORD OBSERVATIONS
3134 + 56 Test Coupon Station Kincaid Park/Point Campbell	3/28/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3165 + 06 Mainline Valve No. 6 Kincaid Park	3/28/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3252 + 07 Test Coupon Station Clithrow Center	3/28/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 81 Tesoro Branch line tie-in to AFSC	3/28/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 94 Mainline Valves No. 7 & 8	3/28/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3461 + 64 Mainline Valve No. 9 Northern Lights Blvd.	3/28/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3474 + 08 Fish Creek Crossing	3/28/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3511 + 12 Chester Creek Crossing	3/28/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3592 + 25 Ship Creek Crossing	3/28/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3624 + 89 Test Coupon Station - Port of Anchorage Pipeline Receiving Station	3/28/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____

### OBSERVER CERTIFICATION

I CERTIFY THAT I HAVE COMPLETED A THOROUGH VISUAL INSPECTION OF THE TESORO ALASKA PIPELINE AND THAT ALL DEFICIENCIES (IF NOTED) HAVE BEEN DOCUMENTED IN THE COMMENT SECTION OF THIS REPORT. ALL PIPELINE PROBLEMS HAVE BEEN REPORTED UPON DISCOVERY.

*[Handwritten Signature]*

OBSERVER'S SIGNATURE

3-28-13

DATE

*[Handwritten Signature]*

SUPERVISOR'S SIGNATURE

3-28-13

DATE

### INSPECTION ACTIONS

- NO DEFICIENCIES NOTED
- FOLLOW-UP FLIGHT OR SURFACE INSPECTION RECOMMENDED AFTER DEBRIEF.

# TESORO PIPELINE RIGHT-OF-WAY INSPECTION REPORT

Date: <u>3-28-13</u>	Departure Time: <u>8:30</u>	Pilot Name: _____	
Observer: <u>LEP</u>	A/C Number: _____	Pilot Signature: _____	

## OBSERVATIONS LOG

LANDMARK	TIME	RECORD OBSERVATIONS
4 + 31 Refinery Pump Station Mainline Valve No. 1		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
712 + 29 Rectifier - Captain Cook State Park		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
857 + 46 Swanson River Mainline Valve No. 2 879 + 34 Mainline Valve No. 3		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
1625 + 77 Mainline Valve No. 4 Moose Point	<u>10:00</u>	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
2319 + 12 Mainline Valve No. 5 Point Possession	<u>11:00</u>	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3165 + 06 Mainline Valve No. 6 Point Campbell		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 94 Mainline Valve No. 7 ASIG Tie-in		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 94 Mainline Valve No. 8 ASIG Tie-in		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3461 + 64 Mainline Valve No. 9		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3624 + 89 Port of Anchorage Receiving Station		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____

### OBSERVER CERTIFICATION

I CERTIFY THAT I HAVE COMPLETED A THOROUGH VISUAL INSPECTION OF THE TESORO ALASKA PIPELINE AND THAT ALL DEFICIENCIES (IF NOTED) HAVE BEEN DOCUMENTED IN THE COMMENT SECTION OF THIS REPORT. ALL PIPELINE PROBLEMS HAVE BEEN REPORTED UPON DISCOVERY.

<u><i>Greg Polynski</i></u>	<u>3-28-13</u>	<u><i>Tom [Signature]</i></u>	<u>4-1-13</u>
OBSERVER'S SIGNATURE	DATE	SUPERVISOR SIGNATURE	DATE

### INSPECTION ACTIONS

- NO DEFICIENCIES NOTED
- FOLLOW-UP FLIGHT OR SURFACE INSPECTION RECOMMENDED AFTER DEBRIEF.

# TESORO PIPELINE RIGHT-OF-WAY INSPECTION REPORT

Date: 3-19-13      Departure Time: 08:00      Pilot Name: N/A  
 Observer: LEP      A/C Number: \_\_\_\_\_      Pilot Signature: \_\_\_\_\_

## OBSERVATIONS LOG

LANDMARK	TIME	RECORD OBSERVATIONS	
4 + 31      Refinery Pump Station Mainline Valve No. 1	/	<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____	
712 + 29      Rectifier - Captain Cook State Park		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____	
857 + 46      Swanson River Mainline Valve No. 2 879 + 34      Mainline Valve No. 3		<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____	
1625 + 77      Mainline Valve No. 4 Moose Point		2 PM	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
2319 + 12      Mainline Valve No. 5 Point Possession		1 PM	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
5 + 06      Mainline Valve No. 6 Point Campbell		/	<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 94      Mainline Valve No. 7 ASIG Tie-in			<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 94      Mainline Valve No. 8 ASIG Tie-in			<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3461 + 64      Mainline Valve No. 9			<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3624 + 89      Port of Anchorage Receiving Station			<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____

### OBSERVER CERTIFICATION

I CERTIFY THAT I HAVE COMPLETED A THOROUGH VISUAL INSPECTION OF THE TESORO ALASKA PIPELINE AND THAT ALL DEFICIENCIES (IF NOTED) HAVE BEEN DOCUMENTED IN THE COMMENT SECTION OF THIS REPORT. ALL PIPELINE PROBLEMS HAVE BEEN REPORTED UPON DISCOVERY.

Greg Pokrycki  
OBSERVERS SIGNATURE
3-19-13  
DATE
Michael Bosta  
SUPERVISOR SIGNATURE
3-19-13  
DATE

### INSPECTION ACTIONS

- NO DEFICIENCIES NOTED
- FOLLOW-UP FLIGHT OR SURFACE INSPECTION RECOMMENDED AFTER DEBRIEF.

# TESORO PIPELINE RIGHT-OF-WAY INSPECTION REPORT

Date: <u>3/16/13</u>	Departure Time: <u>11:45</u>	Pilot Name: <u>Tom Tribuzio</u>	
Observer: <u>ADitch</u>	A/C Number: <u>N1085</u>	Pilot Signature: <u>Tom Tribuzio</u>	

## OBSERVATIONS LOG

LANDMARK	TIME	RECORD OBSERVATIONS
4 + 31 Refinery Pump Station Mainline Valve No. 1	11:48	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
712 + 29 Rectifier - Captain Cook State Park	11:56	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
857 + 46 Swanson River Mainline Valve No. 2 879 + 34 Mainline Valve No. 3	11:57	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
1625 + 77 Mainline Valve No. 4 Moose Point	<del>11:57</del> 12:06	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
2319 + 12 Mainline Valve No. 5 Point Possession	12:14	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3165 + 06 Mainline Valve No. 6 Point Campbell	12:22	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 94 Mainline Valve No. 7 ASIG Tie-in	12:23	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 94 Mainline Valve No. 8 ASIG Tie-in	12:23	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3461 + 64 Mainline Valve No. 9	12:25	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3624 + 89 Port of Anchorage Receiving Station	12:26	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____

### OBSERVER CERTIFICATION

I CERTIFY THAT I HAVE COMPLETED A THOROUGH VISUAL INSPECTION OF THE TESORO ALASKA PIPELINE AND THAT ALL DEFICIENCIES (IF NOTED) HAVE BEEN DOCUMENTED IN THE COMMENT SECTION OF THIS REPORT. ALL PIPELINE PROBLEMS HAVE BEEN REPORTED UPON DISCOVERY.

[Signature]  
OBSERVERS SIGNATURE

3/16/13  
DATE

[Signature]  
SUPERVISOR SIGNATURE

3/16/13  
DATE

### INSPECTION ACTIONS

- NO DEFICIENCIES NOTED
- FOLLOW-UP FLIGHT OR SURFACE INSPECTION RECOMMENDED AFTER DEBRIEF.

# TESORO PIPELINE RIGHT-OF-WAY INSPECTION REPORT

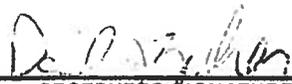
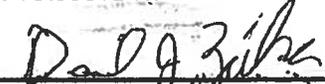
Date:	3-15-13	Departure Time:		Pilot Name:	
Observer:	Zuker	A/C Number:		Pilot Signature:	

## OBSERVATIONS LOG

LANDMARK	TIME	RECORD OBSERVATIONS
3134 + 56 Test Coupon Station Kincaid Park/Point Campbell	3/15/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3165 + 06 Mainline Valve No. 6 Kincaid Park	3/15/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3252 + 07 Test Coupon Station Clithrow Center	3/15/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 81 Tesoro Branch line tie-in to AFSC	3/15/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 94 Mainline Valves No. 7 & 8	3/15/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3461 + 64 Mainline Valve No. 9 Northern Lights Blvd.	3/15/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3474 + 08 Fish Creek Crossing	3/15/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3511 + 12 Chester Creek Crossing	3/15/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3592 + 25 Ship Creek Crossing	3/15/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3624 + 89 Test Coupon Station - Port of Anchorage Pipeline Receiving Station	3/15/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____

### OBSERVER CERTIFICATION

I CERTIFY THAT I HAVE COMPLETED A THOROUGH VISUAL INSPECTION OF THE TESORO ALASKA PIPELINE AND THAT ALL DEFICIENCIES (IF NOTED) HAVE BEEN DOCUMENTED IN THE COMMENT SECTION OF THIS REPORT. ALL PIPELINE PROBLEMS HAVE BEEN REPORTED UPON DISCOVERY.

 _____ OBSERVER'S SIGNATURE	3-15-13 _____ DATE	 _____ SUPERVISOR'S SIGNATURE	3-15-13 _____ DATE
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### INSPECTION ACTIONS

- NO DEFICIENCIES NOTED
- FOLLOW-UP FLIGHT OR SURFACE INSPECTION RECOMMENDED AFTER DEBRIEF.

# TESORO PIPELINE RIGHT-OF-WAY INSPECTION REPORT

Date:	3/8/13	Departure Time:	0615	Pilot Name:	N/A
Observer:	Tom Hindman	A/C Number:		Pilot Signature:	

## OBSERVATIONS LOG

LANDMARK	TIME	RECORD OBSERVATIONS
4 + 31 Refinery Pump Station Mainline Valve No. 1	0615	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
712 + 29 Rectifier - Captain Cook State Park	N/A	<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
857 + 46 Swanson River Mainline Valve No. 2 879 + 34 Mainline Valve No. 3	1230	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
1625 + 77 Mainline Valve No. 4 Moose Point	0830	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
2319 + 12 Mainline Valve No. 5 Point Possession	0950	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
65 + 06 Mainline Valve No. 6 Point Campbell	N/A	<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 94 Mainline Valve No. 7 ASIG Tie-in	N/A	<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 94 Mainline Valve No. 8 ASIG Tie-in	N/A	<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3461 + 64 Mainline Valve No. 9	N/A	<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3624 + 89 Port of Anchorage Receiving Station	N/A	<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____

### OBSERVER CERTIFICATION

I CERTIFY THAT I HAVE COMPLETED A THOROUGH VISUAL INSPECTION OF THE TESORO ALASKA PIPELINE AND THAT ALL DEFICIENCIES (IF NOTED) HAVE BEEN DOCUMENTED IN THE COMMENT SECTION OF THIS REPORT. ALL PIPELINE PROBLEMS HAVE BEEN REPORTED UPON DISCOVERY.

Tom Hindman

Tom Hindman  
OBSERVERS SIGNATURE

3/8/13  
DATE

Michael J. Bost  
SUPERVISOR SIGNATURE

3-8-13  
DATE

### INSPECTION ACTIONS

- NO DEFICIENCIES NOTED
- FOLLOW-UP FLIGHT OR SURFACE INSPECTION RECOMMENDED AFTER DEBRIEF.

# TESORO PIPELINE RIGHT-OF-WAY INSPECTION REPORT

Date:	3-6-13	Departure Time:	N/A	Pilot Name:	N/A
Observer:	K. MORSE T. HINDMAN	A/C Number:	N/A	Pilot Signature:	N/A

## OBSERVATIONS LOG

LANDMARK	TIME	RECORD OBSERVATIONS
4 + 31 Refinery Pump Station Mainline Valve No. 1	1506	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: VALVE MAINT.
712 + 29 Rectifier - Captain Cook State Park		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments:
857 + 46 Swanson River Mainline Valve No. 2 879 + 34 Mainline Valve No. 3		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments:
1625 + 77 Mainline Valve No. 4 Moose Point		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments:
2319 + 12 Mainline Valve No. 5 Point Possession		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments:
3165 + 06 Mainline Valve No. 6 Point Campbell		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments:
3293 + 94 Mainline Valve No. 7 ASIG Tie-in		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments:
3293 + 94 Mainline Valve No. 8 ASIG Tie-in		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments:
3461 + 64 Mainline Valve No. 9		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments:
3624 + 89 Port of Anchorage Receiving Station		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments:

### OBSERVER CERTIFICATION

I CERTIFY THAT I HAVE COMPLETED A THOROUGH VISUAL INSPECTION OF THE TESORO ALASKA PIPELINE AND THAT ALL DEFICIENCIES (IF NOTED) HAVE BEEN DOCUMENTED IN THE COMMENT SECTION OF THIS REPORT. ALL PIPELINE PROBLEMS HAVE BEEN REPORTED UPON DISCOVERY.

Kevin Morse
3-6-13
Michael Banta
3-6-13

OBSERVERS SIGNATURE
DATE
SUPERVISOR SIGNATURE
DATE

### INSPECTION ACTIONS

- NO DEFICIENCIES NOTED
- FOLLOW-UP FLIGHT OR SURFACE INSPECTION RECOMMENDED AFTER DEBRIEF.

# TESORO PIPELINE RIGHT-OF-WAY INSPECTION REPORT

Date:	3/2/13	Departure Time:	1400	Pilot Name:	Doug Brewer
Observer:	Tom Hindman	A/C Number:		Pilot Signature:	

## OBSERVATIONS LOG

LANDMARK	TIME	RECORD OBSERVATIONS
4 + 31 Refinery Pump Station Mainline Valve No. 1	1442	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
712 + 29 Rectifier - Captain Cook State Park	1409	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
857 + 46 Swanson River Mainline Valve No. 2 879 + 34 Mainline Valve No. 3	1410	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
1625 + 77 Mainline Valve No. 4 Moose Point	1418	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
2319 + 12 Mainline Valve No. 5 Point Possession		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: <u>NO FLY OVER DUE TO FOG</u>
3165 + 06 Mainline Valve No. 6 Point Campbell		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: <u>NO FLY OVER DUE TO FOG</u>
3293 + 94 Mainline Valve No. 7 ASIG Tie-in		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: <u>NO FLY OVER DUE TO FOG</u>
3293 + 94 Mainline Valve No. 8 ASIG Tie-in		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: <u>NO FLY OVER DUE TO FOG</u>
3461 + 64 Mainline Valve No. 9		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: <u>NO FLY OVER DUE TO FOG</u>
3624 + 89 Port of Anchorage Receiving Station		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: <u>NO FLY OVER DUE TO FOG</u>

### OBSERVER CERTIFICATION

I CERTIFY THAT I HAVE COMPLETED A THOROUGH VISUAL INSPECTION OF THE TESORO ALASKA PIPELINE AND THAT ALL DEFICIENCIES (IF NOTED) HAVE BEEN DOCUMENTED IN THE COMMENT SECTION OF THIS REPORT. ALL PIPELINE PROBLEMS HAVE BEEN REPORTED UPON DISCOVERY.

	3/2/13		3-2-13
OBSERVERS SIGNATURE	DATE	SUPERVISOR SIGNATURE	DATE

### INSPECTION ACTIONS

- NO DEFICIENCIES NOTED
- FOLLOW-UP FLIGHT OR SURFACE INSPECTION RECOMMENDED AFTER DEBRIEF.

# TESORO PIPELINE RIGHT-OF-WAY INSPECTION REPORT

Date:	3-1-13	Departure Time:		Pilot Name:	
Observer:	ZAK VR	A/C Number:		Pilot Signature:	

## OBERVATIONS LOG

LANDMARK	TIME	RECORD OBSERVATIONS
3134 + 56 Test Coupon Station Kincaid Park/Point Campbell	3/1/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3165 + 06 Mainline Valve No. 6 Kincaid Park	3/1/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3252 + 07 Test Coupon Station Clithrow Center	3/1/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 81 Tesoro Branch line tie-in to AFSC	3/1/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 94 Mainline Valves No. 7 & 8	3/1/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3461 + 64 Mainline Valve No. 9 Northern Lights Blvd.	3/1/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3474 + 08 Fish Creek Crossing	3/1/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3511 + 12 Chester Creek Crossing	3/1/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3592 + 25 Ship Creek Crossing	3/1/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3624 + 89 Test Coupon Station - Port of Anchorage Pipeline Receiving Station	3/1/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____

### OBSERVER CERTIFICATION

I CERTIFY THAT I HAVE COMPLETED A THOROUGH VISUAL INSPECTION OF THE TESORO ALASKA PIPELINE AND THAT ALL DEFICIENCIES (IF NOTED) HAVE BEEN DOCUMENTED IN THE COMMENT SECTION OF THIS REPORT. ALL PIPELINE PROBLEMS HAVE BEEN REPORTED UPON DISCOVERY.

 _____ OBSERVERS SIGNATURE	3-1-13 _____ DATE	 _____ SUPERVISOR/SIGNATURE	3-1-13 _____ DATE
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### INSPECTION ACTIONS

- NO DEFICIENCIES NOTED
- FOLLOW-UP FLIGHT OR SURFACE INSPECTION RECOMMENDED AFTER DEBRIEF.

# MGS / SR PIPELINE RIGHT-OF-WAY INSPECTION REPORT

Date:	3-1-13	Departure Time:	NA	Pilot Name:	NA
Observer:	Zac Miller	A/C Number:	On Land	Pilot Signature:	NA

## OBERVATIONS LOG

LANDMARK	TIME	RECORD OBSERVATIONS
XTO Production Facility MGS Pig Launcher	1010	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
Nikiski Elementary School	NA	<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
KPL Facility-MGS Pig Receiver	↓	<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
Swanson River Pig Receiver KPL Facility	↓	<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
Swanson River Pipeline Island Lake Road Crossing	↓	<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
Swanson River Pipeline Flight Road Crossing	↓	<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
Swanson River Pipeline Halibouty Hill - Daniels Creek	↓	<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
Swanson River Pipeline Moose Range Gate	↓	<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
Swanson River Pipeline Swanson River Crossing	↓	<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
Swanson River Pipeline Swanson River Production Facility	↓	<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____

### OBSERVER CERTIFICATION

I CERTIFY THAT I HAVE COMPLETED A THOROUGH VISUAL INSPECTION OF THE MIDDLE-GROUND SHOALS PIPELINE AND SWANSON RIVER PIPELINE AND THAT ALL DEFICIENCIES (IF NOTED) HAVE BEEN DOCUMENTED IN THE COMMENT SECTION OF THIS REPORT. ALL PIPELINE PROBLEMS HAVE BEEN REPORTED UPON DISCOVERY.

 _____ OBSERVERS SIGNATURE	3-1-13 _____ DATE	 _____ SUPERVISOR SIGNATURE	3-2-13 _____ DATE
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### INSPECTION ACTIONS

- NO DEFICIENCIES NOTED
- FOLLOW-UP FLIGHT OR SURFACE INSPECTION RECOMMENDED AFTER DEBRIEF.

# TESORO PIPELINE RIGHT-OF-WAY INSPECTION REPORT

Date: <u>2/16/13</u>	Departure Time: <u>1143</u>	Pilot Name: <u>Doug Brewer</u>	
Observer: <u>D. Groleske</u>	A/C Number: <u>N108J</u>	Pilot Signature: <u>Doug Brewer</u>	

## OBERVATIONS LOG

LANDMARK	TIME	RECORD OBSERVATIONS
4 + 31 Refinery Pump Station Mainline Valve No. 1	1147	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
712 + 29 Rectifier - Captain Cook State Park	1155	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
857 + 46 Swanson River Mainline Valve No. 2 879 + 34 Mainline Valve No. 3	1156	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
1625 + 77 Mainline Valve No. 4 Moose Point	1204	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
2319 + 12 Mainline Valve No. 5 Point Possession	1211	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3165 + 06 Mainline Valve No. 6 Point Campbell	1217	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 94 Mainline Valve No. 7 ASIG Tie-in	1218	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 94 Mainline Valve No. 8 ASIG Tie-in	1218	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3461 + 64 Mainline Valve No. 9	1219	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3624 + 89 Port of Anchorage Receiving Station	1220	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____

### OBSERVER CERTIFICATION

I CERTIFY THAT I HAVE COMPLETED A THOROUGH VISUAL INSPECTION OF THE TESORO ALASKA PIPELINE AND THAT ALL DEFICIENCIES (IF NOTED) HAVE BEEN DOCUMENTED IN THE COMMENT SECTION OF THIS REPORT. ALL PIPELINE PROBLEMS HAVE BEEN REPORTED UPON DISCOVERY.

<u>Don Groleske</u> OBSERVERS SIGNATURE	<u>2/16/13</u> DATE	<u>Tom [Signature]</u> SUPERVISOR SIGNATURE	<u>2-19-13</u> DATE
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### INSPECTION ACTIONS

- NO DEFICIENCIES NOTED
- FOLLOW-UP FLIGHT OR SURFACE INSPECTION RECOMMENDED AFTER DEBRIEF.

# TESORO PIPELINE RIGHT-OF-WAY INSPECTION REPORT

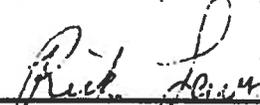
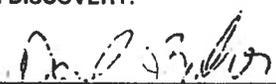
Date:	2-15-2013	Departure Time:		Pilot Name:	
Observer:	Rick Lewis	A/C Number:		Pilot Signature:	

## OBSERVATIONS LOG

LANDMARK	TIME	RECORD OBSERVATIONS
3134 + 56 Test Coupon Station Kincaid Park/Point Campbell	2/15/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3165 + 06 Mainline Valve No. 6 Kincaid Park	2/15/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3252 + 07 Test Coupon Station Clithrow Center	2/15/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 81 Tesoro Branch line tie-in to AFSC	2/15/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 94 Mainline Valves No. 7 & 8	2/15/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3461 + 64 Mainline Valve No. 9 Northern Lights Blvd.	2/15/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3474 + 08 Fish Creek Crossing	2/15/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3511 + 12 Chester Creek Crossing	2/15/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3592 + 25 Ship Creek Crossing	2/15/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3624 + 89 Test Coupon Station - Port of Anchorage Pipeline Receiving Station	2/15/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____

### OBSERVER CERTIFICATION

I CERTIFY THAT I HAVE COMPLETED A THOROUGH VISUAL INSPECTION OF THE TESORO ALASKA PIPELINE AND THAT ALL DEFICIENCIES (IF NOTED) HAVE BEEN DOCUMENTED IN THE COMMENT SECTION OF THIS REPORT. ALL PIPELINE PROBLEMS HAVE BEEN REPORTED UPON DISCOVERY.

 _____ OBSERVER'S SIGNATURE	2-15-13 _____ DATE	 _____ SUPERVISOR SIGNATURE	2-15-13 _____ DATE
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### INSPECTION ACTIONS

- NO DEFICIENCIES NOTED
- FOLLOW-UP FLIGHT OR SURFACE INSPECTION RECOMMENDED AFTER DEBRIEF.

# TESORO PIPELINE RIGHT-OF-WAY INSPECTION REPORT

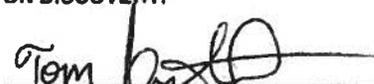
Date:	2-13-13	Departure Time:	9: Am	Pilot Name:	
Observer:	LEP	A/C Number:		Pilot Signature:	

## OBERVATIONS LOG

LANDMARK	TIME	RECORD OBSERVATIONS
31 Refinery Pump Station Mainline Valve No. 1		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
712 + 29 Rectifier - Captain Cook State Park		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
857 + 46 Swanson River Mainline Valve No. 2 879 + 34 Mainline Valve No. 3		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
1625 + 77 Mainline Valve No. 4 Moose Point	11:30	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
2319 + 12 Mainline Valve No. 5 Point Possession	11:30	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3165 + 06 Mainline Valve No. 6 Point Campbell		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
33 + 94 Mainline Valve No. 7 ASIG Tie-in		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 94 Mainline Valve No. 8 ASIG Tie-in		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3461 + 64 Mainline Valve No. 9		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3624 + 89 Port of Anchorage Receiving Station		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____

### OBSERVER CERTIFICATION

I CERTIFY THAT I HAVE COMPLETED A THOROUGH VISUAL INSPECTION OF THE TESORO ALASKA PIPELINE AND THAT ALL DEFICIENCIES (IF NOTED) HAVE BEEN DOCUMENTED IN THE COMMENT SECTION OF THIS REPORT. ALL PIPELINE PROBLEMS HAVE BEEN REPORTED UPON DISCOVERY.

 OBSERVERS SIGNATURE	2-13-13 DATE	 SUPERVISOR SIGNATURE	2-14-13 DATE
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### INSPECTION ACTIONS

- NO DEFICIENCIES NOTED
- FOLLOW-UP FLIGHT OR SURFACE INSPECTION RECOMMENDED AFTER DEBRIEF.

# TESORO PIPELINE RIGHT-OF-WAY INSPECTION REPORT

Date: <u>2-2-13</u>	Departure Time: <u>1422</u>	Pilot Name: <u>Doug Brewer</u>	
Observer: <u>SCOT PACE</u>	A/C Number: _____	Pilot Signature: <u>[Signature]</u>	

## OBSERVATIONS LOG

LANDMARK	TIME	RECORD OBSERVATIONS
4 + 31 Refinery Pump Station Mainline Valve No. 1	1428	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
712 + 29 Rectifier - Captain Cook State Park	1436	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
857 + 46 Swanson River Mainline Valve No. 2 879 + 34 Mainline Valve No. 3	1437	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
1625 + 77 Mainline Valve No. 4 Moose Point	1446	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
2319 + 12 Mainline Valve No. 5 Point Possession	1453	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3165 + 06 Mainline Valve No. 6 Point Campbell	1501	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 94 Mainline Valve No. 7 ASIG Tie-in	1502	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 94 Mainline Valve No. 8 ASIG Tie-in	1502	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3461 + 64 Mainline Valve No. 9	1503	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3624 + 89 Port of Anchorage Receiving Station	N/A	<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: <u>HEAVY AIR TRAFFIC. TURNED AROUND ANCH TERM TO CHECK (ANCH CHECKS EVERY TWO WEEKS)</u>

### OBSERVER CERTIFICATION

I CERTIFY THAT I HAVE COMPLETED A THOROUGH VISUAL INSPECTION OF THE TESORO ALASKA PIPELINE AND THAT ALL DEFICIENCIES (IF NOTED) HAVE BEEN DOCUMENTED IN THE COMMENT SECTION OF THIS REPORT. ALL PIPELINE PROBLEMS HAVE BEEN REPORTED UPON DISCOVERY.

<u>[Signature]</u> OBSERVERS SIGNATURE	<u>2-2-13</u> DATE	<u>[Signature]</u> SUPERVISOR SIGNATURE	<u>2-4-13</u> DATE
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### INSPECTION ACTIONS

- NO DEFICIENCIES NOTED
- FOLLOW-UP FLIGHT OR SURFACE INSPECTION RECOMMENDED AFTER DEBRIEF.

# TESORO PIPELINE RIGHT-OF-WAY INSPECTION REPORT

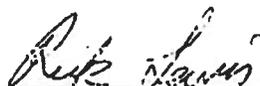
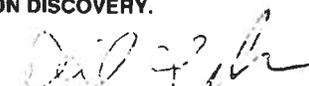
Date:	2-1-2013	Departure Time:		Pilot Name:	
Observer:	Rick Lewis	A/C Number:		Pilot Signature:	

## OBSERVATIONS LOG

LANDMARK	TIME	RECORD OBSERVATIONS
3134 + 56 Test Coupon Station Kincaid Park/Point Campbell	2/1/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3165 + 06 Mainline Valve No. 6 Kincaid Park	2/1/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3252 + 07 Test Coupon Station Clithrow Center	2/1/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 81 Tesoro Branch line tie-in to AFSC	2/1/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 94 Mainline Valves No. 7 & 8	2/1/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3461 + 64 Mainline Valve No. 9 Northern Lights Blvd.	2/1/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3474 + 08 Fish Creek Crossing	2/1/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3511 + 12 Chester Creek Crossing	2/1/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3592 + 25 Ship Creek Crossing	2/1/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3624 + 89 Test Coupon Station - Port of Anchorage Pipeline Receiving Station	2/1/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____

### OBSERVER CERTIFICATION

I CERTIFY THAT I HAVE COMPLETED A THOROUGH VISUAL INSPECTION OF THE TESORO ALASKA PIPELINE AND THAT ALL DEFICIENCIES (IF NOTED) HAVE BEEN DOCUMENTED IN THE COMMENT SECTION OF THIS REPORT. ALL PIPELINE PROBLEMS HAVE BEEN REPORTED UPON DISCOVERY.

 _____ OBSERVERS SIGNATURE	2-1-2013 _____ DATE	 _____ SUPERVISOR SIGNATURE	2-15-13 _____ DATE
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### INSPECTION ACTIONS

- NO DEFICIENCIES NOTED
- FOLLOW-UP FLIGHT OR SURFACE INSPECTION RECOMMENDED AFTER DEBRIEF.

# TESORO PIPELINE RIGHT-OF-WAY INSPECTION REPORT

Date:	1-21-13	Departure Time:		Pilot Name:	
Observer:	AEP	A/C Number:		Pilot Signature:	

## OBSERVATIONS LOG

LANDMARK	TIME	RECORD OBSERVATIONS
4 + 31 Refinery Pump Station Mainline Valve No. 1		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
712 + 29 Rectifier - Captain Cook State Park		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
857 + 46 Swanson River Mainline Valve No. 2 879 + 34 Mainline Valve No. 3		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
1625 + 77 Mainline Valve No. 4 Moose Point	# 13:00	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
2319 + 12 Mainline Valve No. 5 Point Possession	12:00	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
65 + 06 Mainline Valve No. 6 Point Campbell		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 94 Mainline Valve No. 7 ASIG Tie-in		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 94 Mainline Valve No. 8 ASIG Tie-in		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3461 + 64 Mainline Valve No. 9		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3624 + 89 Port of Anchorage Receiving Station		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____

### OBSERVER CERTIFICATION

I CERTIFY THAT I HAVE COMPLETED A THOROUGH VISUAL INSPECTION OF THE TESORO ALASKA PIPELINE AND THAT ALL DEFICIENCIES (IF NOTED) HAVE BEEN DOCUMENTED IN THE COMMENT SECTION OF THIS REPORT. ALL PIPELINE PROBLEMS HAVE BEEN REPORTED UPON DISCOVERY.

  
 \_\_\_\_\_  
 OBSERVERS SIGNATURE

1-21-13  
 \_\_\_\_\_  
 DATE

  
 \_\_\_\_\_  
 SUPERVISOR SIGNATURE

1-22-13  
 \_\_\_\_\_  
 DATE

### INSPECTION ACTIONS

- NO DEFICIENCIES NOTED
- FOLLOW-UP FLIGHT OR SURFACE INSPECTION RECOMMENDED AFTER DEBRIEF.

# TESORO PIPELINE RIGHT-OF-WAY INSPECTION REPORT

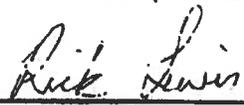
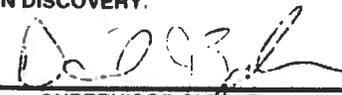
Date:	1-22-2013	Departure Time:		Pilot Name:	
Observer:	Rick Lewis	A/C Number:		Pilot Signature:	

## OBSERVATIONS LOG

LANDMARK	TIME	RECORD OBSERVATIONS
3134 + 56 Test Coupon Station Kincaid Park/Point Campbell	1/22/13	<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3165 + 06 Mainline Valve No. 6 Kincaid Park	1/22/13	<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3252 + 07 Test Coupon Station Clithrow Center	1/22/13	<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 81 Tesoro Branch line tie-in to AFSC	1/22/13	<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 94 Mainline Valves No. 7 & 8	1/22/13	<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3461 + 64 Mainline Valve No. 9 Northern Lights Blvd.	1/22/13	<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3474 + 08 Fish Creek Crossing	1/22/13	<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3511 + 12 Chester Creek Crossing	1/22/13	<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3592 + 25 Ship Creek Crossing	1/22/13	<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3624 + 89 Test Coupon Station - Port of Anchorage Pipeline Receiving Station	1/22/13	<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____

### OBSERVER CERTIFICATION

I CERTIFY THAT I HAVE COMPLETED A THOROUGH VISUAL INSPECTION OF THE TESORO ALASKA PIPELINE AND THAT ALL DEFICIENCIES (IF NOTED) HAVE BEEN DOCUMENTED IN THE COMMENT SECTION OF THIS REPORT. ALL PIPELINE PROBLEMS HAVE BEEN REPORTED UPON DISCOVERY.

 _____ OBSERVERS SIGNATURE	1-22-2013 _____ DATE	 _____ SUPERVISOR SIGNATURE	1-22-13 _____ DATE
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### INSPECTION ACTIONS

- NO DEFICIENCIES NOTED
- FOLLOW-UP FLIGHT OR SURFACE INSPECTION RECOMMENDED AFTER DEBRIEF.

# TESORO PIPELINE RIGHT-OF-WAY INSPECTION REPORT

Date: <u>1/21/13</u>	Departure Time: <u>1035</u>	Pilot Name: <u>Doug Brewer</u>
Observer: <u>A. Georgerle</u>	A/C Number: <u>N108J</u>	Pilot Signature: <u>[Signature]</u>

## OBERVATIONS LOG

LANDMARK	TIME	RECORD OBSERVATIONS
4 + 31 Refinery Pump Station Mainline Valve No. 1	10:40	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
712 + 29 Rectifier - Captain Cook State Park	10:47	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
857 + 46 Swanson River Mainline Valve No. 2 879 + 34 Mainline Valve No. 3	10:49	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
1625 + 77 Mainline Valve No. 4 Moose Point	10:58	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
2319 + 12 Mainline Valve No. 5 Point Possession	11:07	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3165 + 06 Mainline Valve No. 6 Point Campbell	11:14	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 94 Mainline Valve No. 7 ASIG Tie-in	11:16	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 94 Mainline Valve No. 8 ASIG Tie-in	11:16	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3461 + 64 Mainline Valve No. 9	11:49	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3624 + 89 Port of Anchorage Receiving Station	11:50	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____

### OBSERVER CERTIFICATION

I CERTIFY THAT I HAVE COMPLETED A THOROUGH VISUAL INSPECTION OF THE TESORO ALASKA PIPELINE AND THAT ALL DEFICIENCIES (IF NOTED) HAVE BEEN DOCUMENTED IN THE COMMENT SECTION OF THIS REPORT. ALL PIPELINE PROBLEMS HAVE BEEN REPORTED UPON DISCOVERY.

Don Sholeske  
OBSERVERS SIGNATURE

1/21/13  
DATE

Tom [Signature]  
SUPERVISOR SIGNATURE

1-21-13  
DATE

### INSPECTION ACTIONS

- NO DEFICIENCIES NOTED DIDNT FLY 1-19 or 1-20-13 DUE BAD WEATHER  
 FOLLOW-UP FLIGHT OR SURFACE INSPECTION RECOMMENDED AFTER DEBRIEF.

# TESORO PIPELINE RIGHT-OF-WAY INSPECTION REPORT

Date:	1-17-13	Departure Time:	
Observer:	GEP	A/C Number:	
		Pilot Name:	
		Pilot Signature:	

## OBSERVATIONS LOG

LANDMARK	TIME	RECORD OBSERVATIONS
4 + 31 Refinery Pump Station Mainline Valve No. 1		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
712 + 29 Rectifier - Captain Cook State Park		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
857 + 46 Swanson River Mainline Valve No. 2 879 + 34 Mainline Valve No. 3	2:30 - 3:00 PM	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
1625 + 77 Mainline Valve No. 4 Moose Point		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
2319 + 12 Mainline Valve No. 5 Point Possession		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3165 + 06 Mainline Valve No. 6 Point Campbell		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 94 Mainline Valve No. 7 ASIG Tie-in		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 94 Mainline Valve No. 8 ASIG Tie-in		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3461 + 64 Mainline Valve No. 9		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3624 + 89 Port of Anchorage Receiving Station		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____

### OBSERVER CERTIFICATION

I CERTIFY THAT I HAVE COMPLETED A THOROUGH VISUAL INSPECTION OF THE TESORO ALASKA PIPELINE AND THAT ALL DEFICIENCIES (IF NOTED) HAVE BEEN DOCUMENTED IN THE COMMENT SECTION OF THIS REPORT. ALL PIPELINE PROBLEMS HAVE BEEN REPORTED UPON DISCOVERY.

<i>Greg Pokryshev</i> OBSERVERS SIGNATURE	1-17-13 DATE	<i>Don Duboske</i> SUPERVISOR SIGNATURE	1/17/13 DATE
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### INSPECTION ACTIONS

- NO DEFICIENCIES NOTED
- FOLLOW-UP FLIGHT OR SURFACE INSPECTION RECOMMENDED AFTER DEBRIEF.

# TESORO PIPELINE RIGHT-OF-WAY INSPECTION REPORT

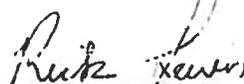
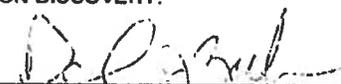
Date:	1 - 9 - 2013	Departure Time:		Pilot Name:	
Observer:	Rick Lewis	A/C Number:		Pilot Signature:	

## OBSERVATIONS LOG

LANDMARK	TIME	RECORD OBSERVATIONS
3134 + 56 Test Coupon Station Kincaid Park/Point Campbell	1/9/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3165 + 06 Mainline Valve No. 6 Kincaid Park	1/9/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3252 + 07 Test Coupon Station Clithrow Center	1/9/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 81 Tesoro Branch line tie-in to AFSC	1/9/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 94 Mainline Valves No. 7 & 8	1/9/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3461 + 64 Mainline Valve No. 9 Northern Lights Blvd.	1/9/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3474 + 08 Fish Creek Crossing	1/9/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3511 + 12 Chester Creek Crossing	1/9/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3592 + 25 Ship Creek Crossing	1/9/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3624 + 89 Test Coupon Station - Port of Anchorage Pipeline Receiving Station	1/9/13	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____

### OBSERVER CERTIFICATION

I CERTIFY THAT I HAVE COMPLETED A THOROUGH VISUAL INSPECTION OF THE TESORO ALASKA PIPELINE AND THAT ALL DEFICIENCIES (IF NOTED) HAVE BEEN DOCUMENTED IN THE COMMENT SECTION OF THIS REPORT. ALL PIPELINE PROBLEMS HAVE BEEN REPORTED UPON DISCOVERY.

 _____ OBSERVERS SIGNATURE	1-09-2013 _____ DATE	 _____ SUPERVISOR SIGNATURE	1-9-13 _____ DATE
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### INSPECTION ACTIONS

- NO DEFICIENCIES NOTED  
 FOLLOW-UP FLIGHT OR SURFACE INSPECTION RECOMMENDED AFTER DEBRIEF.

# TESORO PIPELINE RIGHT-OF-WAY INSPECTION REPORT

Date: <u>1-5-13</u>	Departure Time: <u>1006</u>	Pilot Name: <u>Tom Thibodeau</u>	
Observer: <u>Zac Milly</u>	A/C Number: <u>181AW</u>	Pilot Signature: <u>[Signature]</u>	

## OBSERVATIONS LOG

LANDMARK	TIME	RECORD OBSERVATIONS
4 + 31 Refinery Pump Station Mainline Valve No. 1	1012	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
712 + 29 Rectifier - Captain Cook State Park	1022	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
857 + 46 Swanson River Mainline Valve No. 2 879 + 34 Mainline Valve No. 3	1004	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
1625 + 77 Mainline Valve No. 4 Moose Point	1036	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
2319 + 12 Mainline Valve No. 5 Point Possession	1047	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3165 + 06 Mainline Valve No. 6 Point Campbell	1059	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 94 Mainline Valve No. 7 ASIG Tie-in	1101	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 94 Mainline Valve No. 8 ASIG Tie-in	1152	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3461 + 64 Mainline Valve No. 9	1600	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3624 + 89 Port of Anchorage Receiving Station	1154	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____

### OBSERVER CERTIFICATION

I CERTIFY THAT I HAVE COMPLETED A THOROUGH VISUAL INSPECTION OF THE TESORO ALASKA PIPELINE AND THAT ALL DEFICIENCIES (IF NOTED) HAVE BEEN DOCUMENTED IN THE COMMENT SECTION OF THIS REPORT. ALL PIPELINE PROBLEMS HAVE BEEN REPORTED UPON DISCOVERY.

<u>[Signature]</u> OBSERVER'S SIGNATURE	<u>1-5-13</u> DATE	<u>[Signature]</u> SUPERVISOR SIGNATURE	<u>1-7-13</u> DATE
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### INSPECTION ACTIONS

- NO DEFICIENCIES NOTED
- FOLLOW-UP FLIGHT OR SURFACE INSPECTION RECOMMENDED AFTER DEBRIEF.

# TESORO PIPELINE RIGHT-OF-WAY INSPECTION REPORT

Date:	1-2-13	Departure Time:	09:00	Pilot Name:	
Observer:	6EP	A/C Number:		Pilot Signature:	

## OBSERVATIONS LOG

LANDMARK	TIME	RECORD OBSERVATIONS
4 + 31 Refinery Pump Station Mainline Valve No. 1		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
712 + 29 Rectifier - Captain Cook State Park		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
857 + 46 Swanson River Mainline Valve No. 2 879 + 34 Mainline Valve No. 3		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
1625 + 77 Mainline Valve No. 4 Moose Point	01:00	<input checked="" type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
2319 + 12 Mainline Valve No. 5 Point Possession		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3165 + 06 Mainline Valve No. 6 Point Campbell		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 94 Mainline Valve No. 7 ASIG Tie-in		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3293 + 94 Mainline Valve No. 8 ASIG Tie-in		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3461 + 64 Mainline Valve No. 9		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____
3624 + 89 Port of Anchorage Receiving Station		<input type="checkbox"/> No deficiencies noted <input type="checkbox"/> Surface discoloration / unexplained pooling noted on surrounding soils Comments: _____

### OBSERVER CERTIFICATION

I CERTIFY THAT I HAVE COMPLETED A THOROUGH VISUAL INSPECTION OF THE TESORO ALASKA PIPELINE AND THAT ALL DEFICIENCIES (IF NOTED) HAVE BEEN DOCUMENTED IN THE COMMENT SECTION OF THIS REPORT. ALL PIPELINE PROBLEMS HAVE BEEN REPORTED UPON DISCOVERY.

 OBSERVERS SIGNATURE	1-2-13 DATE	 SUPERVISOR SIGNATURE	1-3-13 DATE
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### INSPECTION ACTIONS

- NO DEFICIENCIES NOTED
- FOLLOW-UP FLIGHT OR SURFACE INSPECTION RECOMMENDED AFTER DEBRIEF.



**TESORO**

Tesoro Alaska Pipeline Company  
19100 Ridgewood Parkway  
San Antonio, Texas 78259

## APPENDIX B

### 2013 BRUSH & VEGETATION REMOVAL ACTIVITY

# Tesoro Alaska Pipeline

## Daily ROW Clearing Log

Date	Area Cleared - MP to MP or Station to Station	Signature
4/18/2013	TAPL ROW cleared by AMAC, Sta 3134+56 to Sta 3144+75	<i>Daily Zuber</i>
4/24/2013	TAPL ROW cleared by AMAC, Sta 3165+06 to Sta 3174+10	<i>Daily Zuber</i>
4/26/2013	TAPL ROW cleared by AMAC, Sta 3461+02 to Sta 3470+50	<i>Daily Zuber</i>



**TESORO**

Tesoro Alaska Pipeline Company  
19100 Ridgewood Parkway  
San Antonio, Texas 78259

## APPENDIX C

### 2013 PIPELINE MARKER INSTALLATION

# TAPL PIPELINE COMPANY RIGHT-OF-WAY (ROW) LINE MARKER INSPECTION AND REPLACEMENT REPORT

This report must be completed whenever a ROW line marker is installed or replaced.  
Maintenance of line markers is regulated under Department of Transportation (DOT) 49 CFR section 195.410

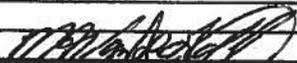
Date	Location of marker – Mile Post or station number in feet	Operator Signature
10/31/13	60° 41' 30.60" N 157° 19' 37.93" W	Chay Carson / Mike VanDeGri...
	60° 41' 30.87" N 151° 19' 36.09" W	
	60° 41' 36.88" N 150° 19' 02.81" W	
	60° 41' 36.86" N 150° 19' 02.07" W	
	60° 41' 36.90" N 150° 18' 56.36" W	
	60° 41' 36.86" N 150° 18' 55.78" W	
	60° 41' 36.88" N 151° 18' 51.39" W	
	60° 41' 36.88" N 151° 18' 50.67" W	
	60° 41' 36.88" N 151° 18' 40.74" W	
	60° 41' 36.88" N 151° 18' 25.42" W	
	60° 41' 36.87" N 151° 18' 02.73" W	
	60° 41' 36.99" N 151° 18' 00.00" W	
	60° 41' 38.58" N 151° 17' 58.32" W	
	60° 42' 16.18" N 151° 15' 24.43" W	
	60° 42' 11.49" N 151° 15' 39.32" W	
	60° 42' 21.16" N 151° 15' 09.38" W	
	60° 42' 27.11" N 151° 14' 29.30" W	
	60° 42' 32.73" N 151° 14' 09.00" W	
	60° 43' 02.55" N 151° 11' 15.16" W	
	60° 43' 03.16" N 151° 11' 13.84" W	

### Inspection item

- Are line markers missing or damaged?
- Are line markers sited on the Pipeline ROW and crossings in accordance with DOT requirements?
- Do the line markers contain the following information: WARNING, PETROLEUM PIPELINE, TESORO ALASKA PIPELINE COMPANY, BEFORE DIGGING IN THIS VICINITY CALL THE TESORO CONTACT NUMBER and the APPROPRIATE TELEPHONE NUMBER?

Comments:

Supervisor Signature



Date

10-31-13

### PROCEDURE

**Procedure Summary:** The Department of Transportation (DOT) requires that each pipeline operator shall place and maintain line markers over each buried pipeline in accordance with 49 CFR 195.410. Tesoro pipeline personnel will inspect the ROW and ensure that the appropriate measures are taken to ensure compliance. This inspection report is to properly document ROW line marker inspection and replacement.

**Location of Marker:**

Insert ROW line marker location (Mile Post or station location in feet), and the date.

**Procedure:**

- The ROW line markers will be inspected and repaired:
  - Inspection results will be documented.
  - Line markers that need repair will be identified.
- Completed reports will be maintained in the Anchorage and Kenai, Tesoro Alaska Pipeline office.

### CERTIFICATION

The Operator performing the inspection and maintenance must have the appropriate Operator Qualification certification. Signature will be signed by the individual conducting the inspection, verifying that the line markers are at the appropriate locations and not damaged.

If you sign this log you are responsible for the inspection results.  
These reports will be periodically audited and verified for accuracy.  
These files are available for review by the regulatory agencies.

ROW line marker inspection reports will be maintained in the Anchorage and Kenai, Tesoro Alaska Pipeline Offices.











**TESORO**

Tesoro Alaska Pipeline Company  
19100 Ridgewood Parkway  
San Antonio, Texas 78259

## APPENDIX D

### 2013 VALVE INSPECTIONS

Mainline Valve Inspection

Tesoro Alaska Pipeline Company  
Mainline Valve Inspection

M.L.V. Number:           #1          

Date:     3-6-13    

	RESULTS	NAME
1. Check valve packing for leaks and insert packing, if necessary, according to procedure.	NO LEAKS. PACKING GOOD.	K. MORSE T. HINDMAN
2. Check all flanges and fitting for leaks, and repair if necessary.	NO LEAKS. FLANGES TIGHT.	
3. What is the overall condition of the valve?	VALVE CONDITION GOOD.	
4. Stroke the valve for operation check.	VALVE STROKE GOOD.	
5. Inspect perimeter in and around the valve station fence area.	AREA GOOD CONDITION.	
6. Check the fencing for defects, and write a notification for any repairs that are needed.	NO DEFECTS IN FENCE.	
7. Make radio communication back to the pipeline station.	COMMS WITH ECO GOOD	

8. General Comments:

Notification Number:  
Supervisor's Signature & Date: Michael Bosta 3-6-13

Mainline Valve Inspection

Tesoro Alaska Pipeline Company  
Mainline Valve Inspection

M.L.V. Number: MLV #2

Date: 3/8/13

	RESULTS	NAME
1. Check valve packing for leaks and insert packing, if necessary, according to procedure.	PACKING GOOD	KEVIN MORSE THOMAS HINDMAN
2. Check all flanges and fitting for leaks, and repair if necessary.	ALL FLANGES TIGHT	
3. What is the overall condition of the valve?	VALVE IN GOOD CONDITION	
4. Stroke the valve for operation check.	VALVE STROKED GOOD	
5. Inspect perimeter in and around the valve station fence area.	AREA LOOKS GOOD	
6. Check the fencing for defects, and write a notification for any repairs that are needed.	FENCING LOOKS GOOD	
7. Make radio communication back to the pipeline station.	MADE CONTACT WITH CCO USING CELL PHONE	
8. General Comments: SWAPPED NITROGEN BOTTLE AFTER STROKING VALVE 2 FULL BOTTLES AND 1 EMPTY BOTTLE IN CABINET		
Notification Number:		
Supervisor's Signature & Date: <u>Michael Booth</u> <u>3-8-13</u>		

Mainline Valve Inspection

Tesoro Alaska Pipeline Company  
Mainline Valve Inspection

M.L.V. Number: MLV #3

Date: 3/8/13

	RESULTS	NAME
1. Check valve packing for leaks and insert packing, if necessary, according to procedure.	INSERTED PACKING, NO LEAKS AFTER	
2. Check all flanges and fitting for leaks, and repair if necessary.	ALL FLANGES TIGHT	
3. What is the overall condition of the valve?	VALVE LOOKS GOOD	
4. Stroke the valve for operation check.	VALVE STROKED GOOD	
5. Inspect perimeter in and around the valve station fence area.	AREA LOOKS GOOD	
6. Check the fencing for defects, and write a notification for any repairs that are needed.	FENCING LOOKS GOOD	
7. Make radio communication back to the pipeline station.	MADE CONTACT WITH CCO USING CELL PHONE	

8. General Comments:

2 FULL BOTTLES AND 1 EMPTY BOTTLE IN CABINET  
VALVE DID NOT SHOW CLOSED ON CCO COMPUTER

Notification Number: 10678679

Supervisor's Signature & Date: Michael Bost 3-8-13

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Mainline Valve Inspection

Tesoro Alaska Pipeline Company  
Mainline Valve Inspection

M.L.V. Number: MLV #4

Date: 3/8/13

	RESULTS	NAME
1. Check valve packing for leaks and insert packing, if necessary, according to procedure.	INSPECTED PACKING, LOOKS GOOD, NO LEAKS AFTER	KEVIN MORSE THOMAS HINDMAN
2. Check all flanges and fitting for leaks, and repair if necessary.	ALL FLANGES TIGHT	
3. What is the overall condition of the valve?	VALVE CONDITION GOOD	
4. Stroke the valve for operation check.	VALVE STROKED OPEN AND CLOSED GOOD	
5. Inspect perimeter in and around the valve station fence area.	AREA LOOKS GOOD	
6. Check the fencing for defects, and write a notification for any repairs that are needed.	FENCING LOOKS IN NEED OF REPAIR	
7. Make radio communication back to the pipeline station.	CALLED CCO USING CELL PHONE	

8. General Comments:

NOTIFICATION ALREADY IN FOR FENCING REPAIR

Notification Number:

Supervisor's Signature & Date: Michael B... 3-8-13

Revised: <b>May 28, 2008</b>	Revision No. <b>4</b>	Page Number: <b>7 of 10</b>
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Mainline Valve Inspection

Tesoro Alaska Pipeline Company  
Mainline Valve Inspection

M.L.V. Number: MLV #5

Date: 3/8/13

	RESULTS	NAME
1. Check valve packing for leaks and insert packing, if necessary, according to procedure.	INSPECTED PACKING, NO LEAKS LOOKS GOOD	KEVIN MORSE TOM HANDMAN
2. Check all flanges and fitting for leaks, and repair if necessary.	ALL FLANGES TIGHT	
3. What is the overall condition of the valve?	VALVE IN GOOD CONDITION	
4. Stroke the valve for operation check.	VALVE OPEN AND CLOSED WITHOUT PROBLEMS	
5. Inspect perimeter in and around the valve station fence area.	AREA LOOKS GOOD	
6. Check the fencing for defects, and write a notification for any repairs that are needed.	FENCING NEEDS REPAIR WORK ORDER WRITTEN	
7. Make radio communication back to the pipeline station.	MADE CONTACT WITH CCO VIA PIPELINE RADIO	
8. General Comments:		
Notification Number: <u>10678680</u>		
Supervisor's Signature & Date: <u>Muhel Booth</u> <u>3-8-13</u>		

Tesoro Alaska Pipeline Company  
Mainline Valve Inspection

M.L.V. Number: 6

Date: 4-12-13

	RESULTS	NAME
1. Check valve packing for leaks and insert packing if necessary according to procedure.	OK	Daily Zuber
2. Check all flanges and fittings for leaks and repair if necessary.		
3. What is the overall condition of the valve.		
4. Stroke the valve for operation check.		
5. Inspect perimeter in and around the valve station fence area.		
6. Check the fencing for defects and write a notification for any repairs that are needed.		
7. Make radio communication back to the pipeline station.	OK	OK
8. General Comments		
Notification Number:		
Supervisor's Signature: <i>Daily Zuber</i>		Date: <u>4-12-13</u>

Tesoro Alaska Pipeline Company  
Mainline Valve Inspection

M.L.V. Number: 7

Date: 4-12-13

	RESULTS	NAME
1. Check valve packing for leaks and insert packing if necessary according to procedure.	OK	D. J. Zuber
2. Check all flanges and fittings for leaks and repair if necessary.		
3. What is the overall condition of the valve.		
4. Stroke the valve for operation check.		
5. Inspect perimeter in and around the valve station fence area.		
6. Check the fencing for defects and write a notification for any repairs that are needed.		
7. Make radio communication back to the pipeline station.	OK	D. J. Zuber
8. General Comments		
Notification Number:		
Supervisor's Signature: D. J. Zuber		Date: 4-12-13

Tesoro Alaska Pipeline Company  
Mainline Valve Inspection

M.L.V. Number: 8

Date: 4-12-13

	RESULTS	NAME
1. Check valve packing for leaks and insert packing if necessary according to procedure.	OK	D. J. Zuber
2. Check all flanges and fittings for leaks and repair if necessary.		
3. What is the overall condition of the valve.		
4. Stroke the valve for operation check.		
5. Inspect perimeter in and around the valve station fence area.		
6. Check the fencing for defects and write a notification for any repairs that are needed.		
7. Make radio communication back to the pipeline station.	OK	D. J. Zuber
8. General Comments		
Notification Number:		
Supervisor's Signature: <u>D. J. Zuber</u>		Date: <u>4-12-13</u>

Tesoro Alaska Pipeline Company  
Mainline Valve Inspection

M.L.V. Number: 9

Date: 4-23-13

	RESULTS	NAME
1. Check valve packing for leaks and insert packing if necessary according to procedure.	OK	D. J. Zuker
2. Check all flanges and fittings for leaks and repair if necessary.		
3. What is the overall condition of the valve.		
4. Stroke the valve for operation check.		
5. Inspect perimeter in and around the valve station fence area.		
6. Check the fencing for defects and write a notification for any repairs that are needed.		
7. Make radio communication back to the pipeline station.	OK	D. J. Zuker
8. General Comments		
Notification Number:		
Supervisor's Signature: <u>D. J. Zuker</u>		Date: <u>4-23-13</u>

Tesoro Alaska Pipeline Company  
Mainline Valve Inspection

M.L.V. Number: 10

Date: April 30 2013

	RESULTS	NAME
1. Check valve packing for leaks and insert packing if necessary according to procedure.	good as found	Coyden
2. Check all flanges and fittings for leaks and repair if necessary.	good as found	Coyden
3. What is the overall condition of the valve.	good	Coyden
4. Stroke the valve for operation check.	worked well	Coyden
5. Inspect perimeter in and around the valve station fence area.	clean	Coyden
6. Check the fencing for defects and write a notification for any repairs that are needed.	good	Coyden
7. Make radio communication back to the pipeline station.	Did comm check	Coyden
8. General Comments  Value is in good condition		
Notification Number:		
Supervisor's Signature: <u>Dail Gzyha</u>		Date: <u>4-30-13</u>

Tesoro Alaska Pipeline Company  
Mainline Valve Inspection

M.L.V. Number: IDA

Date: April 30 2013

	RESULTS	NAME
1. Check valve packing for leaks and insert packing if necessary according to procedure.	good	Cystron
2. Check all flanges and fittings for leaks and repair if necessary.	good	Cystron
3. What is the overall condition of the valve.	good	Cystron
4. Stroke the valve for operation check.	worked	Cystron
5. Inspect perimeter in and around the valve station fence area.	good	Cystron
6. Check the fencing for defects and write a notification for any repairs that are needed.	none needed	Cystron
7. Make radio communication back to the pipeline station.	continued control	Cystron
8. General Comments  worked well		
Notification Number:		
Supervisor's Signature: <u>Daryl J. [Signature]</u>		Date: <u>4-30-13</u>

Tesoro Alaska Pipeline Company  
Mainline Valve Inspection

M.L.V. Number: 600

Date: April 29 2013

	RESULTS	NAME
1. Check valve packing for leaks and insert packing if necessary according to procedure.	good	Cygan
2. Check all flanges and fittings for leaks and repair if necessary.	good	Cygan
3. What is the overall condition of the valve.	good	Cygan
4. Stroke the valve for operation check.	ok	Cygan
5. Inspect perimeter in and around the valve station fence area.	ok	Cygan
6. Check the fencing for defects and write a notification for any repairs that are needed.	ok	Cygan
7. Make radio communication back to the pipeline station.	worked	Cygan
8. General Comments  good condition		
Notification Number:		
Supervisor's Signature: <u>Dan J. Zuber</u>		Date: <u>4-29-13</u>

Tesoro Alaska Pipeline Company  
Mainline Valve Inspection

M.L.V. Number: 601

Date: April 29 2013

	RESULTS	NAME
1. Check valve packing for leaks and insert packing if necessary according to procedure.	Good	Cy Stone
2. Check all flanges and fittings for leaks and repair if necessary.	Good	Cy Stone
3. What is the overall condition of the valve.	Good	Cy Stone
4. Stroke the valve for operation check.	OK	Cy Stone
5. Inspect perimeter in and around the valve station fence area.	OK	Cy Stone
6. Check the fencing for defects and write a notification for any repairs that are needed.	OK	Cy Stone
7. Make radio communication back to the pipeline station.	Comms worked	Cy Stone
8. General Comments  <p style="text-align: center;">Good as found</p>		
Notification Number:		
Supervisor's Signature: <u>Daniel J. Fisher</u>		Date: <u>4-29-13</u>

Tesoro Alaska Pipeline Company  
Mainline Valve Inspection

M.L.V. Number: 610

Date: 4-26-13

	RESULTS	NAME
1. Check valve packing for leaks and insert packing if necessary according to procedure.	OK	Darig Zuker
2. Check all flanges and fittings for leaks and repair if necessary.		
3. What is the overall condition of the valve.		
4. Stroke the valve for operation check.		
5. Inspect perimeter in and around the valve station fence area.		
6. Check the fencing for defects and write a notification for any repairs that are needed.		
7. Make radio communication back to the pipeline station.	OK	Darig Zuker
8. General Comments		
Notification Number:		
Supervisor's Signature: <u>Darig Zuker</u>		Date: <u>4-26-13</u>

## Mainline Valve Inspection

## Tesoro Alaska Pipeline Company Mainline Valve Inspection

M.L.V. Number: 1Date: 9-17-13

	RESULTS	NAME
1. Check valve packing for leaks and insert packing, if necessary, according to procedure.	DONE	Russ Winslow Clay Cason
2. Check all flanges and fittings for leaks and repair if necessary.	DONE	RW / CC
3. What is the overall condition of the valve?	Good	RW / CC
4. Stroke the valve for operation check.	DONE	RW / CC
5. Inspect perimeter in and around the valve station fence area.	Good	RW / CC
6. Check the fencing for defects, and write a notification for any repairs that are needed.	NONE	RW / CC
7. Make communication back to the pipeline station: radio, cell phone, or satellite phone.	DONE	RW / CC
8. General Comments:  No ISSUES		
Notification Number:		
Supervisor's Signature & Date: <u>Melvin Bate</u> <u>9-17-13</u>		

## Mainline Valve Inspection

## Tesoro Alaska Pipeline Company Mainline Valve Inspection

M.L.V. Number: 2Date: 9-17-13

	RESULTS	NAME
1. Check valve packing for leaks and insert packing, if necessary, according to procedure.	DONE	Russ Winslow Clay Cason
2. Check all flanges and fittings for leaks and repair if necessary.	DONE	RW/CC
3. What is the overall condition of the valve?	Good	RW/CC
4. Stroke the valve for operation check.	DONE	RW/CC
5. Inspect perimeter in and around the valve station fence area.	Good	RW/CC
6. Check the fencing for defects, and write a notification for any repairs that are needed.	NONE	RW/CC
7. Make communication back to the pipeline station: radio, cell phone, or satellite phone.	DONE	RW/CC
8. General Comments:  NO ISSUES		
Notification Number:		
Supervisor's Signature & Date: <u>Muhel B...</u> <u>9-17-13</u>		

## Mainline Valve Inspection

## Tesoro Alaska Pipeline Company Mainline Valve Inspection

M.L.V. Number: 3Date: 9-17-13

	RESULTS	NAME
1. Check valve packing for leaks and insert packing, if necessary, according to procedure.	Done	Russ Winslow Clay Cason
2. Check all flanges and fittings for leaks and repair if necessary.	Done	RW/CC
3. What is the overall condition of the valve?	Good	RW/CC
4. Stroke the valve for operation check.	Done	RW/CC
5. Inspect perimeter in and around the valve station fence area.	Good	RW/CC
6. Check the fencing for defects, and write a notification for any repairs that are needed.	NONE	RW/CC
7. Make communication back to the pipeline station: radio, cell phone, or satellite phone.	DONE	RW/CC
8. General Comments:  No Issues		
Notification Number:		
Supervisor's Signature & Date: <u>Muhammad Bost</u> <u>9-17-13</u>		

## Mainline Valve Inspection

## Tesoro Alaska Pipeline Company Mainline Valve Inspection

M.L.V. Number: 4Date: 9-17-13

	RESULTS	NAME
1. Check valve packing for leaks and insert packing, if necessary, according to procedure.	Done	Russ Winstow Clay Cason
2. Check all flanges and fittings for leaks and repair if necessary.	Done	RW/CC
3. What is the overall condition of the valve?	Good	RW/CC
4. Stroke the valve for operation check.	Done	RW/CC
5. Inspect perimeter in and around the valve station fence area.	Good	RW/CC
6. Check the fencing for defects, and write a notification for any repairs that are needed.	NONE	RW/CC
7. Make communication back to the pipeline station: radio, cell phone, or satellite phone.	DONE	RW/CC
8. General Comments:  No Issues		
Notification Number:		
Supervisor's Signature & Date: <u>Michael Baska</u> <u>9-17-13</u>		

## Mainline Valve Inspection

## Tesoro Alaska Pipeline Company Mainline Valve Inspection

M.L.V. Number: 5Date: 9-17-13

	RESULTS	NAME
1. Check valve packing for leaks and insert packing, if necessary, according to procedure.	Done	Russ Winslow Clay Cason
2. Check all flanges and fittings for leaks and repair if necessary.	OK	RW/CC
3. What is the overall condition of the valve?	good	RW/CC
4. Stroke the valve for operation check.	Done	RW/CC
5. Inspect perimeter in and around the valve station fence area.	good	RW/CC
6. Check the fencing for defects, and write a notification for any repairs that are needed.	NONE	RW/CC
7. Make communication back to the pipeline station: radio, cell phone, or satellite phone.	Done	RW/CC
8. General Comments:  all looks good		
Notification Number:		
Supervisor's Signature & Date: <u>Melvin Boster</u> <u>9-17-13</u>		

Tesoro Alaska Pipeline Company  
Mainline Valve Inspection

M.L.V. Number:                     # 6                    

Date: 10-22-13

	RESULTS	NAME
1. Check valve packing for leaks and insert packing if necessary according to procedure.	OK	<i>C. J. M.</i>
2. Check all flanges and fittings for leaks and repair if necessary.		
3. What is the overall condition of the valve.		
4. Stroke the valve for operation check.		
5. Inspect perimeter in and around the valve station fence area.		
6. Check the fencing for defects and write a notification for any repairs that are needed.		
7. Make radio communication back to the pipeline station.	OK	<i>C. J. M.</i>
8. General Comments		
Notification Number:		
Supervisor's Signature: <i>Doc J. J. M.</i>		Date: <u>10-22-13</u>

Tesoro Alaska Pipeline Company  
Mainline Valve Inspection

M.L.V. Number:           # 7          

Date: 10-15-13

	RESULTS	NAME
1. Check valve packing for leaks and insert packing if necessary according to procedure.	OK	<i>Curtis</i>
2. Check all flanges and fittings for leaks and repair if necessary.		
3. What is the overall condition of the valve.		
4. Stroke the valve for operation check.		
5. Inspect perimeter in and around the valve station fence area.		
6. Check the fencing for defects and write a notification for any repairs that are needed.		
7. Make radio communication back to the pipeline station.	OK	<i>Curtis</i>
8. General Comments		
Notification Number:		
Supervisor's Signature: <i>D. J. G. [Signature]</i>		Date: <u>10-15-13</u>

Tesoro Alaska Pipeline Company  
Mainline Valve Inspection

M.L.V. Number: 8

Date: 10-15-13

	RESULTS	NAME
1. Check valve packing for leaks and insert packing if necessary according to procedure.	OK	<i>CSM</i>
2. Check all flanges and fittings for leaks and repair if necessary.		
3. What is the overall condition of the valve.		
4. Stroke the valve for operation check.		
5. Inspect perimeter in and around the valve station fence area.		
6. Check the fencing for defects and write a notification for any repairs that are needed.		
7. Make radio communication back to the pipeline station.	OK	<i>CSM</i>
8. General Comments		
Notification Number:		
Supervisor's Signature: <i>Dail J. Zink</i>		Date: <u>10/15/13</u>

Tesoro Alaska Pipeline Company  
Mainline Valve Inspection

M.L.V. Number:           # 9          

Date: 10-22-13

	RESULTS	NAME
1. Check valve packing for leaks and insert packing if necessary according to procedure.	OK	D. J. Zuker
2. Check all flanges and fittings for leaks and repair if necessary.		
3. What is the overall condition of the valve.		
4. Stroke the valve for operation check.		
5. Inspect perimeter in and around the valve station fence area.		
6. Check the fencing for defects and write a notification for any repairs that are needed.		
7. Make radio communication back to the pipeline station.	OK	D. J. Zuker
8. General Comments		
Notification Number:		
Supervisor's Signature: <u>D. J. Zuker</u>		Date: <u>10-22-13</u>

Tesoro Alaska Pipeline Company  
Mainline Valve Inspection

M.L.V. Number: 10

Date: 10-26-13

	RESULTS	NAME
1. Check valve packing for leaks and insert packing if necessary according to procedure.	OK	Sirta Mansan
2. Check all flanges and fittings for leaks and repair if necessary.		
3. What is the overall condition of the valve.		
4. Stroke the valve for operation check.		
5. Inspect perimeter in and around the valve station fence area.		
6. Check the fencing for defects and write a notification for any repairs that are needed.		
7. Make radio communication back to the pipeline station.	OK	ok
8. General Comments		
Notification Number:		
Supervisor's Signature: <i>Deo J. Zuber</i>		Date: <u>10/26/13</u>

Tesoro Alaska Pipeline Company  
Mainline Valve Inspection

M.L.V. Number: 10A

Date: 10-26-13

	RESULTS	NAME
1. Check valve packing for leaks and insert packing if necessary according to procedure.	OK	Scott Marshall
2. Check all flanges and fittings for leaks and repair if necessary.		
3. What is the overall condition of the valve.		
4. Stroke the valve for operation check.		
5. Inspect perimeter in and around the valve station fence area.		
6. Check the fencing for defects and write a notification for any repairs that are needed.		
7. Make radio communication back to the pipeline station.	OK	OK
8. General Comments		
Notification Number:		
Supervisor's Signature: <u>De J. Zuber</u>		Date: <u>10/26/13</u>

Tesoro Alaska Pipeline Company  
Mainline Valve Inspection

M.L.V. Number: 600

Date: 10-31-13

	RESULTS	NAME
1. Check valve packing for leaks and insert packing if necessary according to procedure.	great 100K Good	CW [Signature]
2. Check all flanges and fittings for leaks and repair if necessary.		
3. What is the overall condition of the valve.		
4. Stroke the valve for operation check.		
5. Inspect perimeter in and around the valve station fence area.		
6. Check the fencing for defects and write a notification for any repairs that are needed.		
7. Make radio communication back to the pipeline station.	N/A	
8. General Comments  no leaks found 100K good		
Notification Number:		
Supervisor's Signature: <u>[Signature]</u>		Date: <u>10-31-13</u>

Tesoro Alaska Pipeline Company  
Mainline Valve Inspection

M.L.V. Number: 601

Date: 10-31-13

	RESULTS	NAME
1. Check valve packing for leaks and insert packing if necessary according to procedure.	no leaks	Craig Mous
2. Check all flanges and fittings for leaks and repair if necessary.	good	"
3. What is the overall condition of the valve.	good	"
4. Stroke the valve for operation check.	OK	"
5. Inspect perimeter in and around the valve station fence area.	good / trees to be trimmed	"
6. Check the fencing for defects and write a notification for any repairs that are needed.	good	"
7. Make radio communication back to the pipeline station.	N/A	"
8. General Comments  Area needs to be well weeded and trees cut out (we have averaged area to be trimmed) small trees will be cut immediately. DJL		
Notification Number:		
Supervisor's Signature: <i>Dal Johnson</i>		Date: 10-31-13

Tesoro Alaska Pipeline Company  
Mainline Valve Inspection

M.L.V. Number: 610

Date: 10-7-13

	RESULTS	NAME
1. Check valve packing for leaks and insert packing if necessary according to procedure.	OK	Dalry Johnson
2. Check all flanges and fittings for leaks and repair if necessary.		
3. What is the overall condition of the valve.		
4. Stroke the valve for operation check.		
5. Inspect perimeter in and around the valve station fence area.		
6. Check the fencing for defects and write a notification for any repairs that are needed.		
7. Make radio communication back to the pipeline station.	OK	Dalry Johnson
8. General Comments		
Notification Number:		
Supervisor's Signature: <u>Dalry Johnson</u>		Date: <u>10-7-13</u>



**TESORO**

Tesoro Alaska Pipeline Company  
19100 Ridgewood Parkway  
San Antonio, Texas 78259

## APPENDIX E

### 2013 OVERPRESSURE SAFETY DEVICE INSPECTIONS

**9738161 (PREV) : TPL Pressure Devices - DOT Regulated**

Notification : 10701285 (TPL Pressure Devices - DOT Regulated)  
 Maintenance Plan : 3825 Maintenance Item : 8165  
 Unmitigated Risk :  
 Required end date : 07/29/2013

Start date : 07/15/2013 End date : 07/15/2013  
 Priority : 4 (Low Priority)

Functional Location : TPL-KENI-2000 (TPL Pumping Area)  
 Equipment :  
 Technical ID # :

Main Work Center : KE-INSTR (Kenai Instrument Technicians)

Sign Off

Operations	_____
Maintenance	<u>Greg Polynski</u>
Inspection	_____

**Operation 0010 : Calibrate DOT Regulated Devices**

Work center : KE-INSTR (Kenai Instrument Technicians)  
 Duration : 10.0 H People : 1  
 Start Date : 07/15/2013 07:00:00 End Date : 07/15/2013  
 17:00:00

Calibrate DOT Regulated Devices  
 Use appropriate Tesoro Procedures to test and/or Calibrate the following devices.  
 Only qualified persons may perform these tasks.

Enter calibration data into AMS.  
 Enter PSV test info into Prism and put hard copy into PSV book.  
 Provide copies of PSV Test record and AMS calibration record to Paul Samora.

Replace PSV-20072 (Set @ 20 PSI) from pipeline pig launcher each year. Circle Seal Controls p/n 5159T-8MP-20 set at 20 psi. New valve will need a function test and the old valve will also need an as found function test. Reports go to the IR group. Also fill out the two installation forms from the Relief Valve work practice.

Calibrate and test PSHH-20060 (Set @ 1370 PSI).  
 Calibrate and test PT-20033.  
 Calibrate and test PV-20033.

Send all AMS calibration hard copy documents to Paul Samora.

### 9738161 (PREV) : TPL Pressure Devices - DOT Regulated

Functional Location : TPL-KENI-2000 (TPL Pumping Area)  
 Equipment :  
 Technical ID # :  
 Planner Group : 504 (Logistics)  
 Unmitigated Risk :  
 Required end date : 07/29/2013

**Operation 0010 : Calibrate DOT Regulated Devices**

Work center : KE-INSTR (Kenai Instrument Technicians)  
 Duration : 10.0 H  
 Start date : 07/15/2013  
 People : 1  
 End date : 07/15/2013

**Confirmation number : 2048342**

Name	Emp. no	Work Center	Date	S/Time	O/Time
AEP	1311	Kenai	7-22-13		
ACD	11	1	7-25-13		

Insulation Work : (YES/NO)

Work Complete : (YES/NO)

Comments:

Tested listed devices and found no deficiencies  
 Recorded results.

# Calibration Certificate 11279

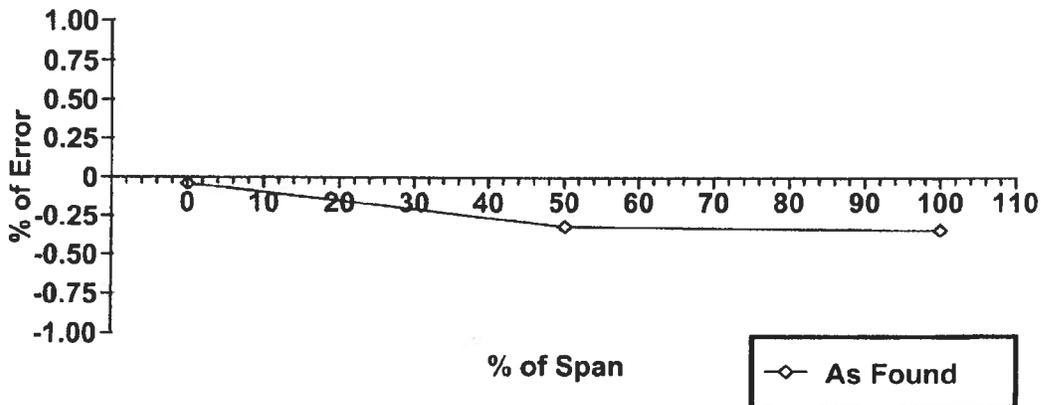
AMS Tag: PT-20033

Calibrated at: 7/22/2013 2:12:52 PM

**Calibration Result: PASSED**

Device Identification	
AMS Tag:	PT-20033
Device Tag:	PT-20033
Manufacturer:	Rosemount
Model Name:	3051
Device Identifier:	1973423

Device Calibration Data			
Date/Time Calibrated:	7/22/2013 2:12:52 PM	Max Error Limit:	0.50 % of Span
Technician:	pokryfge	Notification Limit:	0.60 % of Span
User:	pokryfge	Adjustment Limit:	0.40 % of Span
Ambient Temperature:	(N/A)	Calibration Interval:	1 Years
Temperature Standard:	IPTS-68	Critical Service:	No
Work Order Number:		Input Range:	0.00 - 2000.00 psi
Service Reason:	Routine	Output Range:	4.00 - 20.00 mA
Service Notes:			
Relationship:	Linear		



Calibration Test Equipment					
AMS Tag	Manufacturer	Model	Serial Number	Last Calibration	Calibration Interval:
744 S/N 8060019	FLUKE	744	8060019	11/5/2012	1 Years
3000 PSIG Module S/N 80752901	FLUKE	FLUKE- 700P29	80752901	4/12/2013	1 Years

Errors (%)			
Error	Limit	Actual: As Found	Actual: As Left
Maximum	0.5000	-0.3388 (Pass)	(N/A)
Zero	(N/A)	(N/A)	(N/A)

# Calibration Certificate 11279

AMS Tag: PT-20033

Span	(N/A)	(N/A)	(N/A)
Linearity	(N/A)	(N/A)	(N/A)
Hysteresis	(N/A)	(N/A)	(N/A)

Calibration Results: As Found				
Test Point	Input	Output	Output Error	Output Error (%)
1	1.2000	4.0030	-0.0066	-0.0413
2	1003.1000	11.9740	-0.0508	-0.3175
3	1999.9000	19.9450	-0.0542	-0.3388

Calibration Results: As Left				
Test Point	Input	Output	Output Error	Output Error (%)

Authorization			
Title			
Signature		Date	
Title			
Signature		Date	

# Calibration Certificate 11278

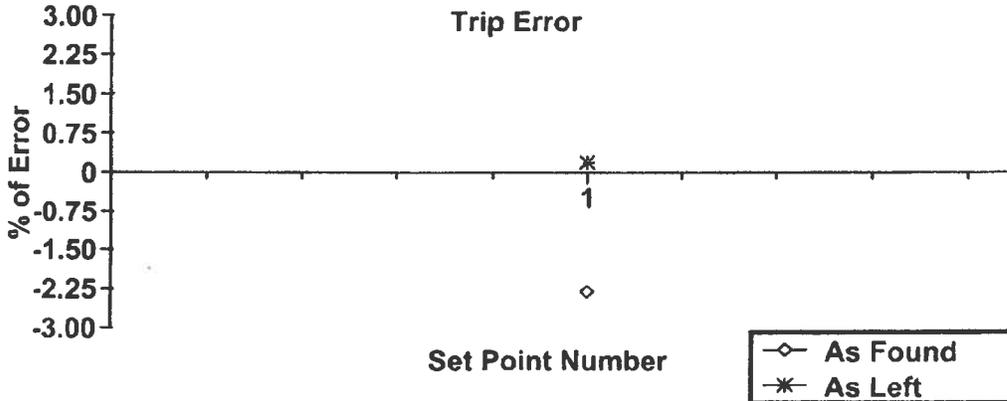
AMS Tag: PSHH-20060

Calibrated at: 7/22/2013 1:39:28 PM

**Calibration Result: PASSED**

Device Identification	
AMS Tag:	PSHH-20060
Device Tag:	
Manufacturer:	CCS
Model Name:	646GZEM7
Device Identifier:	PSHH-20060

Device Calibration Data			
Date/Time Calibrated:	7/22/2013 1:39:28 PM	Max Error Limit:	3.00 % of Span
Technician:	pokryfge	Notification Limit:	3.00 % of Span
User:	pokryfge	Adjustment Limit:	3.00 % of Span
Ambient Temperature:	(N/A)	Calibration Interval:	3 Years
Temperature Standard:	IPTS-68	Critical Service:	Yes
Work Order Number:		Input Range:	1000.00 - 2000.00 psi
Service Reason:	Routine		
Service Notes:			
Relationship:	Switch		
Tolerance:	+/- 30.00 psi	Trip Direction:	Increasing
Ramp Time:	0 s	Test Reset Point:	No
Expected Deadband:	0.00 psi		



Calibration Test Equipment					
AMS Tag	Manufacturer	Model	Serial Number	Last Calibration	Calibration Interval:
744 S/N 8060019	FLUKE	744	8060019	11/5/2012	1 Years

Errors (%)			
Error	Limit	Actual: As Found	Actual: As Left
Trip Error	3.0000	-2.3100 (Pass)	0.1900 (Pass)
Deadband Error	(N/A)	(N/A)	(N/A)

# Calibration Certificate 11278

AMS Tag: PSHH-20060

Calibration Results: As Found									
Point	Set Point	Trip Point	Trip Error	Trip Error (%)	Reset Point	Reset Trip	Deadband	Deadband Error	Deadband Error (%)
1	1370.0000	1346.9000	-23.1000	-2.3100	(N/A)	(N/A)	(N/A)	(N/A)	(N/A)

Calibration Results: As Left									
Point	Set Point	Trip Point	Trip Error	Trip Error (%)	Reset Point	Reset Trip	Deadband	Deadband Error	Deadband Error (%)
1	1370.0000	1371.9000	1.9000	0.1900	(N/A)	(N/A)	(N/A)	(N/A)	(N/A)

Authorization			
<b>Title</b>			
<b>Signature</b>		<b>Date</b>	
<b>Title</b>			
<b>Signature</b>		<b>Date</b>	

GLM Corp  
420 N. Willow St.  
Kenai, AK 99611  
907 - 283 - 7556

## Pressure Relief Valve Test & Inspection Report

Most Recent: Yes

Report Date: Thursday, July 25, 2013

As Found Condition | Used

<b>Owner</b>	Tesoro	<b>Due Date</b>	2013/07/25	<b>Customer PO</b>	4501936094
<b>Plant</b>	Kenai Refinery: Nikiski	<b>Shipped Date</b>	2013/07/25	<b>Customer Wo Number</b>	9738161
<b>Contact</b>	Greg 690-0127	<b>Shipped By</b>	Expeditor	<b>GLM Wo Number</b>	37297

**Identification**

<b>Tag Number</b>   20072-SPARE	<b>Unit / Vessel</b>	Pig Launcher Spare	<b>Serial Number</b>	N/A
	<b>Location</b>	Kenai Refinery	<b>Valve Application</b>	Oil & Gas

**Work Requested**

Test/repair as reqd

**Final Configuration**

Special Clean   No	Model Number	5159T-8MP-20	
Conversion   No	Manufacturer	Circle Seal	Mfg Lift   IN
Change Set   No	Orifice	= IN^2	Restricted Lift   IN
Valve Replaced   No	Inlet Size/Rating	1"-MNPT	Capacity   US G/MIN
	Outlet Size/Rating	1"-FNPT	Soft Seat Material   Unknown
	Cap Type	N/A	Soft Seat P/N   Unknown

For additional information, see the Comments section below.

**Current Process Conditions**

Service   Liquid	Set Pressure	20 PSIG	Operating Temp	F
Status   Spare	Total Back Press	PSIG	Cold Diff Test Press	PSIG
	Constant BP	PSIG		

**Spring Data**

Spring Material   N/A	Req'd Spring	N/A
	Range From / To	N/A to

Replace Valve Next Repair | No      Beyond Economical Repair | No

**Manufacturer Nameplate**

Model Number	5159T-8MP-20	Nameplate	Original
Set Pressure	20 PSIG	Capacity	US G/MIN
Temperature	°F	Code Stamp	Non-code
CDTP	PSIG		

**Previous Repair Tag**

Test only

Model Number	5159T-8MP-20
Set Pressure	20 PSIG
Capacity	US G/MIN
Temperature	F
CDTP	PSIG
Prev Repair Company	GLM Corp.
Prev Repair Date	2011/07/26
Repair S/N	34720

**Assembly and Testing**

Date Tested	2013/07/25
Measured Lift	N/A IN
Overlap Collar	N/A IN
Adjusting Screw	N/A
BD Ring-Up	N/A Notches
BD Ring - Lower	N/A Notches
Final Spring Insp By	N/A
Test Media	Water
Test Method	Liquid GLM 1
Gauge 1 # / Cal Date	352040 due 2/12/14
Gauge 2 # / Cal Date	352039 due 2/12/14
Final Test Press	20 PSIG
Reseat Press	18 PSIG
Seats Tight @	Passed 0 @ 15 US G/MIN
BP Test @	N/A @
Tested By	Kyle Dudley
Assembled By	N/A
Witnessed By	Tim Apted
Repair Center	GLM Corp.
VR Num Assigned	xxx
Type	Threaded
Hydro Test Stamped	No
Hydro Stamp Verified	N/A

**Received / Pretest / Disassembly**

Date Work Initiated	2013/07/25
Received By	Kyle Dudley
Disassembled By	N/A
Materials Correct / By	N/A
Seal	Intact
Performed?	Yes <u>Passed</u> Passed
Pretest Reason	Scheduled maintenance
Pretest Result	Valve passed all testing
Opened @	20 PSIG % Set = 100.0
Seats Tight @	Passed 0 @ 15 US G/MIN
Adjusting Screw	N/A
Overlap Collar	N/A IN
BD Ring-Up	v Notches
BD Ring - Lower	N/A Notches
Measured Lift	N/A IN

**Specific Location**

(Applies to the valve throughout its life-cycle)

**Comment**

(Applies to this repair only)  
Valve tested good, good gush, good reseal, 0 visible leakage.

GLM Corp  
 420 N. Willow St.  
 Kenai, AK 99611  
 907 - 283 - 7556

## Pressure Relief Valve Test & Inspection Report

Most Recent: Yes

Report Date: Thursday, July 25, 2013

As Found Condition	Used
Due Date	2013/07/25
Shipped Date	2013/07/25
Shipped By	Expeditor

Customer PO	4501936094
Customer Wo Number	9738161
GLM Wo Number	37297

Owner	Tesoro
Plant	Kenai Refinery: Nikiski
Contact	Greg 690-0127

**Identification**

Tag Number | 20072-SPARE

Unit / Vessel	Pig Launcher Spare	Serial Number	N/A
Model Number	5159T-8MP-20		

Test Only, Paint, Ship | Yes

TESTED BY GLM CORP KENAI, ALASKA	
SET: 20 PSIG	CDTP: PSIG
DATE: 2013/07/25	BP: PSIG
MODEL: 5159T-8MP-20	
CAP: US G/MIN	
WO#: 37297	

**Final Preparation Checklist**

All Testing Complete	Yes
All VK Fields Complete	Yes
PSV Sealed	Yes
PSV Painted	No
Final Visual Inspection	Yes
Tag Complete/Installed	Yes
Prepared For Shipment	Yes
ASME or VR Stamped	No
Final QC Inspection	Yes
Body Stamped	No
QC Initialed Test Report	Yes
Coordinator Notified	Yes

QC Inspector	Kyle Dudley <i>KD</i>
Certified Individual	N/A
Seals Installed By	Kyle Dudley

**Critical Dimension Measured**

Nozzle/Bushing Length (D) Min	N/A
Bushing Height (Z) Max	N/A
Nozzle/Bushing Bore Min	N/A
Nozzle/Bushing Step Min	N/A
Disc Thickness Min	N/A
Disc Seat Step Min	N/A
Guide ID Max	N/A
Disc Holder Barrel OD Min	N/A
Spindle TIR Max	N/A
Other	N/A
... Min	N/A

Dimensions By | N/A

### Actions & Remarks and Parts For Repair

*This historical record is stored in ValvKeep. To view your valves on-line or for more information contact GLM*



# Alaska Metrology and Calibration Services, Inc.

224 E. 54th Avenue,  
Anchorage, Alaska 99518  
PH: (907) 929-8052 FAX: (907) 929-9361

PSV-20075

Certificate No: AMCS31912

## Certificate of Calibration

For Instrument:	Circle Seal Controls 5132T-8MP(L)-250	Cal Due:	13 May 2014
Description:	Pressure Relief Valve		
Asset Number:	1657-1	Serial Number:	1657-1

### CUSTOMER INFORMATION

Tesoro Alaska Corp.  
Terminal 2, 1601 Tidewater Rd.  
Anchorage, AK 99501

Customer Account Number: TES003  
Customer PO Number: 4501875734  
Customer Shop Location:

### CALIBRATION INFORMATION

Location where calibration performed:  
Alaska Metrology & Calibration Services, Inc.  
Physical Lab  
224 East 54th Avenue  
Anchorage, Alaska 99518

Calibration Date: May 13, 2013  
Temperature: 22.00°C Humidity: 22% RH

As-Found Condition:  
Calibration Measurement Results: In Tolerance

Calibration Procedure: T.O. 33K6-4-278-1. 30AUG04

As-Left Condition:  
Calibration Measurement Results: In Tolerance  
Calibration Void Seals Used: Internal: 0 External: 0

Specifications Used: Manufacturer's Specifications

### Certification:

This certificate is issued as a statement of the fact that the Instrument described above, met or exceeded the Specifications Used (listed above) at the time of Calibration.

The calibration results recorded herein are applicable only to the instrument identified above. No statement or opinion regarding the applicability to any other instrument is expressed or implied.

This report shall not be reproduced without the written permission of Alaska Metrology & Calibration Services, Inc.

### Standards Used for Calibration:

Alaska Metrology & Calibration Services maintains calibration programs for all equipment used for calibrations that have a significant effect on the accuracy and/or validity of measurements.

### Traceability of Measurements:

The calibration tests described by this certificate were conducted using Standards whose accuracies were calibrated by laboratories that can demonstrate traceability to the National Institute of Standards and Technology (NIST) and to the International System of Units (SI).

### Uncertainty of Standard Applied/Reading:

As per *NIST Technical Note 1297. Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Results*, the total expanded uncertainty (U) of the Standard Applied /Reading is the product of the Root-Sum-Squared value of the individual uncertainties of the Standards Used for Calibration (Uc) and a coverage factor (k). Using k=2 provides a 95% level of confidence. As per Alaska Metrology & Calibration Services policy, the ratio of the expanded uncertainty (U) of all Standard Applied/Readings to the Specifications the Customer's equipment is calibrated is greater than or equal to 4:1 (unless otherwise noted on the Certificate of Calibration).

### STANDARDS USED FOR CALIBRATION

ID Number	Mfg	Model	Description	Cal Due Date
AMCS3003	Fluke	700P30 / 5000 PSI	Module, Pressure	4/9/2014



# Alaska Metrology and Calibration Services, Inc.

224 E. 54 th Avenue,  
Anchorage, Alaska 99518  
PH: (907) 929-8052 FAX: (907) 929-9361

Certificate No: AMCS31912

## CALIBRATION DATA

### As Found

Test Parameters	Standard Applied / Reading	Test Instrument Reading / Output	Lower Limit	Upper Limit	As Found % of Tolerance	As Found Pass / Fail
Cracking Pressure 250 PSI	255.4	250	240	260	-54%	Pass
	255.3	250	240	260	-53%	Pass
	254.9	250	240	260	-49%	Pass
Reseat Pressure 250 PSI	250	Reseats at 240 PSI $\pm$ 3 PSI				

### As Left

Test Parameters	Standard Applied / Reading	Test Instrument Reading / Output	Lower Limit	Upper Limit	As Left % of Tolerance	As Left Pass / Fail
Cracking Pressure 250 PSI	255.4	250	240	260	-54%	Pass
	255.3	250	240	260	-53%	Pass
	254.9	250	240	260	-49%	Pass
Reseat Pressure 250 PSI	250	Reseats at 240 PSI $\pm$ 3 PSI				

## SIGNATURES

Calibration measurements performed by:  
Signature:

Clint Schirard  
Metrology Technician

Quality Review performed by:  
Signature:

# Manual Data Entry Form

Device Identification	
AMS Tag:	PT-002A
Device Tag:	PT-002A
Manufacturer:	Rosemount Corp
Model Name:	3051
Device Identifier:	Maintenance Pressure Transmitter

Calibration Test Equipment			
AMS Tag	Manufacturer	Model	Identifier
NA	Fluke	744	90F5036-01

Device Calibration Data			
Number of As Found Test Points:	3	Number of As Left Test Points:	3
Date/Time Calibrated:	Aug 6 2013	Max Error Limit:	3.0000 (3.00% of span)
Technician:	Craig Moore	Notification Limit:	3.0000 (3.00% of span)
User:		Adjustment Limit:	0.4000 (0.40% of span)
Ambient Temperature:	64°	Calibration Interval:	1 Years
Temperature Standard (circle one):	ITS 90    IPTS 68	Critical Service:	No
Work Order Number:	9729399	Input Range:	0.00 - 100.00 Percent
Service Reason:	DOT Annual	Output Range:	0.00 - 100.00 Percent
Service Notes:  left as found			

Connection			
Instrument Powered By:	external supply	Input Measured:	manually
Input Generated:	manually	Output Measured:	manually

Instructions	
Setup/Safety	contacted the pipeline operation
Cleanup	cleaned area

Calibration Test Data Points					
Test Point	AS FOUND (Actual Test Points)			AS LEFT (Actual Test Points)	
	Input	Output	Input	Output	
1	0.0000 (0.00%)	4.12-20MA 0.0050 2100%	As Found	As Found	

# Manual Data Entry Form

Device Identification:	
AMS Tag:	HCU-002
Device Tag:	HCU-002
Manufacturer:	Rotax - Fisher
Model Name:	IQ Em Fisher Valve
Device Identifier:	HD35100101

Calibration Test Equipment:			
AMS Tag	Manufacturer	Model	Identifier
N/A	Fluke	787 Anke	0-1

Device Calibration Data:			
Number of As Found Test Points:	3	Number of As Left Test Points:	
Date/Time Calibrated:	7-12-2013	Max Error Limit:	3.0000 (3.00% of span)
Technician:	Scottman	Notification Limit:	3.0000 (3.00% of span)
User:		Adjustment Limit:	0.4000 (0.40% of span)
Ambient Temperature:	70°	Calibration Interval:	1 Years
Temperature Standard (circle one):	ITS 90    IPTS 68	Critical Service:	No
Work Order Number:	9229399	Input Range:	0.00 - 100.00 Percent
Service Reason:	DOT Annual	Output Range:	0.00 - 100.00 Percent
Service Notes:			
Tested left as found			

Connection:			
Instrument Powered By:	external supply	Input Measured:	manually
Input Generated:	manually	Output Measured:	manually

Instructions:	
Setup/Safety	operator checked all ranges position good as found
Cleanup	Area was clean

Calibration Test Data Points:						
Test Point	Nominal Test Point		AS FOUND (Actual Test Points)		AS LEFT (Actual Test Points)	
	Input	Output	Input	Output	Input	Output
1	0.0000 (0.00%)		4-12-20	0% 50% 100%	As Found	As Found

# Manual Data Entry Form

Device Identification		Route Identification	
AMS Tag:	FCU - 500	Route Folder Name:	Anchorage
Device Tag:	FCU - 500	Route Name:	Annual Anc. DOT testing
Manufacturer:	CSU	Route Description:	
Model Name:	ROTOR ST-1-L160		
Device Identifier:	N/A		

Calibration Test Equipment			
AMS Tag	Manufacturer	Model	Identifier
N/A	Fluke	Fluke 744/787	9085036/0-1

Device Calibration Data			
Number of As Found Test Points:	Three	Number of As Left Test Points:	Three
Date/Time Calibrated:	11-22-2013	Max Error Limit:	3.0000 (3.00% of span)
Technician:	Cody Moore	Notification Limit:	3.0000 (3.00% of span)
User:	Same	Adjustment Limit:	0.4000 (0.40% of span)
Ambient Temperature:	55° F	Calibration Interval:	1 Years
Temperature Standard (circle one):	ITS 90    IPTS 68	Critical Service:	No
Work Order Number:	N/A	Input Range:	0.00 - 100.00 Percent
Service Reason:	DOT Annual	Output Range:	0.00 - 100.00 Percent
Service Notes:	<p>good on all test points Tight seals and tested power</p>		

Connection			
Instrument Powered By:	external supply	Input Measured:	by calibrator
Input Generated:	manually	Output Measured:	manually

Instructions	
Setup/Safety	Review procedure contact operation / test points
Cleanup	all good as left

Calibration Test Data Points					
Test	Nominal Test Point	AS FOUND (Actual Test Points)		AS LEFT (Actual Test Points)	
	Input	Input	Output	Input	Output
	4-12-20	0.250%	1.00%	AS FOUND	AS FOUND

# Manual Data Entry Form

Device Identification	
AMS Tag	PT-500
Device Tag	PT-500
Manufacturer	Rosemount
Model Name	NIA
Device Identifier	PT-500

Calibration Test Equipment			
AMS Tag	Manufacturer	Model	Identifier
NIA	Rosemount 725	725	NIA

Device Calibration Data			
Number of As Found Test Points:	Three	Number of As Left Test Points:	Three
Date/Time Calibrated:	8-13-2013	Max Error Limit:	3.0000 (3.00% of span)
Technician:	Wendy Morse	Notification Limit:	3.0000 (3.00% of span)
User:	Same	Adjustment Limit:	0.4000 (0.40% of span)
Ambient Temperature:	55°	Calibration Interval:	1 Years
Temperature Standard (circle one):	ITS 90 IPTS 68	Critical Service:	No
Work Order Number:	NIA	Tested:	0-2000
Service Reason:	DOT Annual	Input Range:	0.00 - 100.00 Percent
Service Notes:	Output Range: 0.00 - 100.00 Percent		
A. contacted operations B. checked test points C. tested several points good as tested			

Connection			
Instrument Powered By:	external supply	Input Measured:	manually
Input Generated:	manually	Output Measured:	manually

Instructions	
Safety	Review procedure contact operations Perform Test
Cleaning	Clean up contact operations

Calibration Test Data Points					
Point #	Input	Output	Input	Output	Quality
1	0.0000 (0.00%)	Full Range	0-100%	Good	Good



**TESORO**

Tesoro Alaska Pipeline Company  
19100 Ridgewood Parkway  
San Antonio, Texas 78259

## APPENDIX F

### 2013 ABNORMAL OPERATIONS REPORTS

No.: FMO08-01  
Title: Abnormal Operating Condition (AOC)  
Report

## Abnormal Operating Condition (AOC) Report

### SECTION 1 - FILING INFORMATION

Date of Report: 12/24/13  
Date of Condition: 12/24/13  
Condition Reported by: Ruste Huf (Printed Name) R. Huf (Signature)

### SECTION 2 - DETERMINATION OF ABNORMAL OPERATING CONDITION (AOC)

Pipeline Name & Product: TESORO Pipeline  
Description of AOC: M.L.V COMM fail @ 0346 HZ

Response Prior to AOC &/or Alarm: N/A

Actions Taken to Verify Alarm (True/False): Battery Issue / NO TIC VOITS

Corrective Action Taken: Called out Instrument Tech.

### SECTION 3 - REVIEW

**Note: This section is to be completed by a Tesoro Pipelines & Terminals Representative.**

AOC Issue Resolved?  Yes  No

If No, what Follow-Up Actions are Needed to Resolve the AOC: \_\_\_\_\_

Pipelines, Terminals & Trucking (PT&T) reviewer: Mike VanDeGrift (Printed Name) [Signature] (Signature)  
Date of Review: 12-24-13

No.: FMO08-01  
Title: Abnormal Operating Condition (AOC)  
Report

## Abnormal Operating Condition (AOC) Report

### SECTION 1 - FILING INFORMATION

Date of Report: 10-5-13

Date of Condition: 10-5-13

Condition Reported by: Rusty Huff  
(Printed Name)

R Huff  
(Signature)

### SECTION 2 - DETERMINATION OF ABNORMAL OPERATING CONDITION (AOC)

Pipeline Name & Product: TAPL

Description of AOC: Pipeline shut down unexpectedly

Response Prior to AOC &/or Alarm: Normal operation

Actions Taken to Verify Alarm (True/False): Pipeline Control Computer locked up but still showed P-2001, P-2005 & source pumps running

Corrective Action Taken: Verified that pumps were NOT running, tried rebooting computer. Found that the power supply to the pipeline PLC went bad. Called out I/E to replace power supply & restarted pipeline

### SECTION 3 - REVIEW

Note: This section is to be completed by a Tesoro Pipelines & Terminals Representative.

AOC Issue Resolved?  Yes  No

If No, what Follow-Up Actions are Needed to Resolve the AOC: \_\_\_\_\_

Pipelines, Terminals & Trucking (PT&T) reviewer: MIKE BOOTH  
(Printed Name)

Mike Booth  
(Signature)

Date of Review: 10-6-13



No.: LFM008-01  
 Title: Abnormal Operating Condition (AOC) Report  
 3/12/12

Rev No. 4

# Abnormal Operating Condition (AOC) Report

## SECTION 1 - FILING INFORMATION

Date of Report: 9-3-13 Date of Condition: 9-3-13

Condition Reported by: MIKE BOOTH [Signature]  
 (Printed Name) (Signature)

## SECTION 2 - DETERMINATION OF ABNORMAL OPERATING CONDITION (AOC)

Pipeline Name & Product: TAPL / JETA

Description of AOC: MLV # 4 Comm. fail

Response Prior to AOC &/or Alarm: Normal

Actions Taken to Verify if AOC &/or Alarm is True or False: PI indicates that the C3 cylinder is empty which Powers the remote equipment that Powers the Communication Devices

Corrective Action Taken: Tricked to I/E Department they are working on issue

## SECTION 3 - REVIEW

Note: This section is to be completed by a Tesoro Logistics Representative.

AOC Issue Resolved?  Yes  No

If No, what follow-up actions are needed to resolve the AOC? \_\_\_\_\_

Were the procedures used adequate and effective for Abnormal Operating Conditions (AOCs)?

Yes  No Regional Manager: \_\_\_\_\_ Date: \_\_\_\_\_  
 (Printed Name) (Signature)

Yes  No ECM or Designee: MIKE BOOTH [Signature] Date: 10-2-13  
 (Printed Name) (Signature)

Note: If the Abnormal Operating Condition (AOC) is recognized as a possible Safety Related Condition (SRC), then the Safety Related Condition Report form LFM002-01 must be completed, and submitted to the Regional Manager and ECM.  
 Copies to: Preparer, Logistics Regional Manager, Logistics Environmental Compliance Manager.



No.: LFM008-01  
 Title: Abnormal Operating Condition (AOC)  
 Report  
 3/12/12  
 Rev No. 4

## Abnormal Operating Condition (AOC) Report

### SECTION 1 - FILING INFORMATION

Date of Report: 8-9-13 Date of Condition: 8-9-13

Condition Reported by: Rusty Huff | R Huff  
 (Printed Name) (Signature)

### SECTION 2 - DETERMINATION OF ABNORMAL OPERATING CONDITION (AOC)

Pipeline Name & Product: TAP6 JETA Gasoline

Description of AOC: LEAK ALARM

Response Prior to AOC &/or Alarm: NORMAL

Actions Taken to Verify if AOC &/or Alarm is True or False: S/D Pipeline ~~test~~ <sup>performed</sup> 30 min.  
Pressure survey (All looked good)

Corrective Action Taken: Restarted Pipeline & Alarm Cleared

### SECTION 3 - REVIEW

Note: This section is to be completed by a Tesoro Logistics Representative.

AOC Issue Resolved?  Yes  No

If No, what follow-up actions are needed to resolve the AOC? \_\_\_\_\_

Were the procedures used adequate and effective for Abnormal Operating Conditions (AOCs)?

Yes  No Regional Manager: \_\_\_\_\_ | \_\_\_\_\_ Date: \_\_\_\_\_  
 (Printed Name) (Signature)

Yes  No ECM or Designee: MIKE Booth | Michael Booth Date: 8-9-10  
 (Printed Name) (Signature)

Note: If the Abnormal Operating Condition (AOC) is recognized as a possible Safety Related Condition (SRC), then the Safety Related Condition Report form LFM002-01 must be completed, and submitted to the Regional Manager and ECM.  
 Copies to: Preparer, Logistics Regional Manager, Logistics Environmental Compliance Manager.

## EMERGENCY SHUTDOWN OF THE PIPELINE

Information on Flow Deviation Alarm for the Pipeline

Kenai Flow	Ø	Ø	Ø	Ø	Ø	Ø
Kenai Pressure (PT-20033)	635	633	642		634	
Anchorage Flow	Ø	Ø	Ø	Ø	Ø	Ø
Anchorage Pressure	705	692	673		655	<del>673</del>
MLV 2 Pressure	685	648	651		645	643
MLV 3 Pressure	689	653	655		649	649
MLV 4 Pressure	716	642	638		630	630
MLV 5 Pressure	652	652	651		638	635
MLV 6 Pressure	629	681	664		<del>654</del> 654	644
MLV 9 Pressure	630	670	663			640
Time Recorded	1230	1235	1240	1245	1250	1255

In the event that the pipeline must be shut down, monitor and record the above information every five (5) minutes for at least thirty (30) minutes.

Comments (i.e. switched tanks, swapped line up, batch swap, or anything else that may have altered the flow of the pipeline)

Swapped Receiving Stations from Airport to  
Port And Product's 5000 bbls catex.

Ke start @ 1306

Was Emergency Shut Down Performed? YES NO  
CCO Initials & Date

Revised: January 26, 2012	Revision No. 8	Page Number: 6 of 7
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No.: FMOO8-01  
Title: Abnormal Operating Condition (AOC)  
Report

## Abnormal Operating Condition (AOC) Report

### SECTION 1 - FILING INFORMATION

Date of Report: 8/14/13  
Date of Condition: 8/14/13  
Condition Reported by: Thomas P. Hindman [Signature]  
(Printed Name) (Signature)

### SECTION 2 - DETERMINATION OF ABNORMAL OPERATING CONDITION (AOC)

Pipeline Name & Product: TAPL - JETA  
Description of AOC: LOSS OF COMMUNICATION WITH MCV #5

Response Prior to AOC &/or Alarm: NORMAL RUNNING OPERATIONS

Actions Taken to Verify Alarm ( True  False): NOTIFIED INSTRUMENT TECH'S +  
COMPUTER TECH'S.

Corrective Action Taken: MONITORED PRESSURE BOTH SIDES OF VALVE

### SECTION 3 - REVIEW

Note: This section is to be completed by a Tesoro Pipelines & Terminals Representative.

AOC Issue Resolved?

Yes

No

If No, what Follow-Up Actions are Needed to Resolve the AOC: \_\_\_\_\_

Pipelines, Terminals & Trucking (PT&T) reviewer: MIKE BOOTH  
(Printed Name)

[Signature]  
(Signature)

Date of Review: 8-22-13

## Response to Excess Barrel Discrepancies

### Information on Flow Deviation Alarm for the Pipeline

Kenai Flow						
Kenai Pressure (PT-20033)	<del>119</del> 119	119				
Anchorage Flow						
Anchorage Pressure	<del>174.3</del> 174.3	174.3				
MLV 2 Pressure	922	922				
MLV 3 Pressure	921	921				
MLV 4 Pressure	717	717				
MLV 5 Pressure	Ø	Ø				
MLV 6 Pressure	265	265				
MLV 9 Pressure	225	225				
Time Recorded	1640	1700	1730	1800	1830	1900

In the event that the pipeline must be shut down, monitor and record the above information every five (5) minutes for at least thirty (30) minutes.

Comments (i.e. switched tanks, swapped line up, batch swap, or anything else that may have altered the flow of the pipeline)

17:15 Alarms Cleared  
Alarms Do To O'Malley PLL PM'S

Was Emergency Shut Down Performed? **YES**      **NO**  
CCO Initials & Date \_\_\_\_\_

## Abnormal Operating Condition (AOC) Report

### SECTION 1 - FILING INFORMATION

Date of Report: 9-19-13  
Date of Condition: 9-19-13  
Condition Reported by: Rusty Huf (Printed Name) [Signature] (Signature)

### SECTION 2 - DETERMINATION OF ABNORMAL OPERATING CONDITION (AOC)

Pipeline Name & Product: TAPL NoLead Gasoline / Jet Fuel  
Description of AOC: LEAK ALARM  
Response Prior to AOC &/or Alarm: Normal

Actions Taken to Verify Alarm (True/False): verified ALARM with Anchorage terminal, S/D Pipeline and performed Pressure Survey  
Corrective Action Taken: Restarted Pipeline and Alarm Cleared Pipeline operating in Normal operation status

### SECTION 3 - REVIEW

Note: This section is to be completed by a Tesoro Pipelines & Terminals Representative.

AOC Issue Resolved?  Yes  No

If No, what Follow-Up Actions are Needed to Resolve the AOC: \_\_\_\_\_

Pipelines, Terminals & Trucking (PT&T) reviewer: MIKE BOOTH (Printed Name) [Signature] (Signature)  
Date of Review: 9-19-13

## EMERGENCY SHUTDOWN OF THE PIPELINE

### Information on Flow Deviation Alarm for the Pipeline

Kenai Flow	Ø	Ø	Ø	Ø	Ø	Ø
Kenai Pressure (PT-20033)	705	673	696	688	682	678
Anchorage Flow	Ø	Ø	Ø	Ø	Ø	Ø
Anchorage Pressure	650	700	671	673	671	671
MLV 2 Pressure	735	698	710	702	697	694
MLV 3 Pressure	739	703	714	707	701	698
MLV 4 Pressure	698	688	684	685	678	676
MLV 5 Pressure	700	705	688	688	687	685
MLV 6 Pressure	669	714	698	700	700	694
MLV 9 Pressure	659	718	689	693	694	692
Time Recorded	2319	2324	2329	2335	2341	2346

In the event that the pipeline must be shut down, monitor and record the above information every five (5) minutes for at least thirty (30) minutes.

Comments (i.e. switched tanks, swapped line up, batch swap, or anything else that may have altered the flow of the pipeline)

Swapped to RUC on the PIC from Jet. (Pushing Jet with RUC) to Anch AIR-Port

Praced on Both Ends SID @ 2315 for Pressure Survey

Restart @ 2347 9/19/13 - 9/20/13

Was Emergency Shut Down Performed? YES  NO

CCO Initials & Date

Just Shut Down

RHY

Revised: January 26, 2012	Revision No. 8	Page Number: 6 of 7
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No.: FMO08-01  
Title: Abnormal Operating Condition (AOC)  
Report

## Abnormal Operating Condition (AOC) Report

### SECTION 1 - FILING INFORMATION

Date of Report: 8-1-13  
Date of Condition: 8-1-13  
Condition Reported by: JOSIA FELDMAN [Signature]  
(Printed Name) (Signature)

### SECTION 2 - DETERMINATION OF ABNORMAL OPERATING CONDITION (AOC)

Pipeline Name & Product: TAPL N/L & JETA  
Description of AOC: LEAK NET ALARM @ 1340 mile 59.87

Response Prior to AOC &/or Alarm: Normal operations

Actions Taken to Verify Alarm (True/False): Greg P. Trouble shot the Atmos system and the pipeline was S/D for pressure survey.

Corrective Action Taken: Greg P. Trouble shooting. Alarm cleared and ATMOS data was collected & sent out for review

### SECTION 3 - REVIEW

Note: This section is to be completed by a Tesoro Pipelines & Terminals Representative.

AOC Issue Resolved?  Yes  No

If No, what Follow-Up Actions are Needed to Resolve the AOC: \_\_\_\_\_

Pipelines, Terminals & Trucking (PT&T) reviewer: Scott Pace [Signature]  
(Printed Name) (Signature)  
Date of Review: 8-6-13

## Response to Excess Barrel Discrepancies

### Information on Flow Deviation Alarm for the Pipeline

Kenai Flow						
Kenai Pressure (PT-20033)	672	656				
Anchorage Flow						
Anchorage Pressure	700	<del>684</del> 584				
MLV 2 Pressure	684	<del>664</del> 673				
MLV 3 Pressure	689	<del>673</del> 653				
MLV 4 Pressure	668	<del>669</del> 653				
MLV 5 Pressure	679	<del>663</del> 677				
MLV 6 Pressure	689	<del>658</del> 674				
MLV 9 Pressure	686	670				
Time Recorded	1752	1812				

In the event that the pipeline must be shut down, monitor and record the above information every five (5) minutes for at least thirty (30) minutes.

Comments (i.e. switched tanks, swapped line up, batch swap, or anything else that may have altered the flow of the pipeline)

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Was Emergency Shut Down Performed? **YES**      **NO**  
 CCO Initials & Date \_\_\_\_\_

Revised: <b>May 6, 2013</b>	Revision No. <b>7</b>	Validation Date <b>April 6, 2013</b>	Page Number: <b>4 of 5</b>
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## Response to Excess Barrel Discrepancies

### Information on Flow Deviation Alarm for the Pipeline

Kenai Flow						
Kenai Pressure (PT-20033)	984	520	584	593		
Anchorage Flow						
Anchorage Pressure	149	701	648	615		
MLV 2 Pressure	837	571	598	608		
MLV 3 Pressure	838	576	602	612		
MLV 4 Pressure	680	608	589	591		
MLV 5 Pressure	562	637	611	599		
MLV 6 Pressure	261	671	639	597		
MLV 9 Pressure	181	675	634	595		
Time Recorded	2308	2314	2320	2325		

In the event that the pipeline must be shut down, monitor and record the above information every five (5) minutes for at least thirty (30) minutes.

Comments (i.e. switched tanks, swapped line up, batch swap, or anything else that may have altered the flow of the pipeline)

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Was Emergency Shut Down Performed? **YES**

NO

CCO Initials & Date

JH

8/1/13

Revised: <b>May 6, 2013</b>	Revision No. <b>7</b>	Validation Date <b>April 6, 2013</b>	Page Number: <b>4 of 5</b>
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## Abnormal Operating Condition (AOC) Report

### SECTION 1 - FILING INFORMATION

Date of Report: 7-18-13  
Date of Condition: 7-18-13  
Condition Reported by: KEVIN MORSE Kevin Morse  
(Printed Name) (Signature)

### SECTION 2 - DETERMINATION OF ABNORMAL OPERATING CONDITION (AOC)

Pipeline Name & Product: TAPL + PREMIUM NO LEAD  
Description of AOC: ATMO LEAK ALARM CAUSED BY WANDER  
WARE ISSUE WITH AOC FLOW TRANSMITTER.  
Response Prior to AOC &/or Alarm: Pipeline was in Large Transient state from  
start-up / Normal  
Actions Taken to Verify Alarm (True/False): SHUT DOWN TAPL, CONDUCTED  
PRESSURE SURVEY, CONTACTED G. POKRYFKI TO ANALYZE ISSUE.  
Corrective Action Taken: CONDUCTED PRESSURE SURVEY. G. POKRYFKI  
ANALYZED ISSUE TO PROVE WRONG.

### SECTION 3 - REVIEW

Note: This section is to be completed by a Tesoro Pipelines & Terminals Representative.

AOC Issue Resolved?  Yes  No

If No, what Follow-Up Actions are Needed to Resolve the AOC: \_\_\_\_\_

Pipelines, Terminals & Trucking (PT&T) reviewer: Scott Pace [Signature]  
(Printed Name) (Signature)  
Date of Review: 7-18-13



No.: LFM008-01  
 Title: Abnormal Operating Condition (AOC)  
 Report  
 3/12/12  
 Rev No. 4

## Abnormal Operating Condition (AOC) Report

### SECTION 1 - FILING INFORMATION

Date of Report: 7-14-13 Date of Condition: 7-14-13

Condition Reported by: MIKE BOOTH / Michael Booth  
 (Printed Name) (Signature)

### SECTION 2 - DETERMINATION OF ABNORMAL OPERATING CONDITION (AOC)

Pipeline Name & Product: TAPL

Description of AOC: TESASIG2 PLC COMM. fail

Response Prior to AOC &/or Alarm: Normal

Actions Taken to Verify if AOC &/or Alarm is ~~True~~ False CCO confirmed with Anchorage Terminal

Corrective Action Taken: EMAIL of condition sent to scot morse & Greg Pokryfki

### SECTION 3 - REVIEW

Note: This section is to be completed by a Tesoro Logistics Representative.

AOC Issue Resolved?  Yes  No

If No, what follow-up actions are needed to resolve the AOC? \_\_\_\_\_

Were the procedures used adequate and effective for Abnormal Operating Conditions (AOCs)?

Yes  No Regional Manager: \_\_\_\_\_ / \_\_\_\_\_ Date: \_\_\_\_\_  
 (Printed Name) (Signature)

Yes  No ECM or Designee: MIKE BOOTH / Michael Booth Date: 7-29-13  
 (Printed Name) (Signature)

Note: If the Abnormal Operating Condition (AOC) is recognized as a possible Safety Related Condition (SRC), then the Safety Related Condition Report form LFM002-01 must be completed, and submitted to the Regional Manager and ECM.  
 Copies to: Preparer, Logistics Regional Manager, Logistics Environmental Compliance Manager.

No.: FMO08-01  
Title: Abnormal Operating Condition (AOC)  
Report

## Abnormal Operating Condition (AOC) Report

### SECTION 1 - FILING INFORMATION

Date of Report: 6-20-13

Date of Condition: 6-20-13

Condition Reported by: KEVIN MORSE  
(Printed Name)

Kevin Morse  
(Signature)

### SECTION 2 - DETERMINATION OF ABNORMAL OPERATING CONDITION (AOC)

Pipeline Name & Product: TAPL PREM NO LEAD

Description of AOC: LEAKNET ALARM

Response Prior to AOC &/or Alarm: PROVED METERS ~~ARE~~ ANC 4 KEN.

Actions Taken to Verify Alarm (True/False): PRESSURE SURVEY FOR  
1 HOUR.

Corrective Action Taken: PRESSURE SURVEY  
SECOND PRESSURE SURVEY

### SECTION 3 - REVIEW

Note: This section is to be completed by a Tesoro Pipelines & Terminals Representative.

AOC Issue Resolved?  Yes  No

If No, what Follow-Up Actions are Needed to Resolve the AOC: \_\_\_\_\_

Pipelines, Terminals & Trucking (PT&T) reviewer: DON GRATESKE  
(Printed Name)

Don Grateske  
(Signature)

Date of Review: 6/24/13

	1514	1524	1544	1557	<del>1577</del> 1617
2	694	654	631	621	606
3	692	661	635	625	611
4	662	639	619	606	591
5	646	646	623	620	601
6	635	652	633	629	612
9	624	648	630	623	608

TEMP  
67 START  
7.5 END

TKFTO018

**RESPONSE TO EXCESS BARREL DISCREPANCIES**

Information on Flow Deviation Alarm for the Pipeline

Kenai Flow	0	0	0	0	0	0
Kenai Pressure (PT-20033)	1012	1011	996	994	985	980
Anchorage Flow	0	0	0	0	0	0
Anchorage Pressure	1042	1033	1030	1019	1014	1008
MLV 2 Pressure	1027	1023	1028	1007	998	994
MLV 3 Pressure	1028	1027	1000	1012	1002	998
MLV 4 Pressure	1013	1004	1000	991	983	978
MLV 5 Pressure	1024	1024	1008	1008	994	987
MLV 6 Pressure	1035	1036	1023	1011	1007	1000
MLV 9 Pressure	1034	1020	1017	1005	1001	993
Time Recorded	0245	0250	0255	0300	0305	0310

In the event that the pipeline must be shut down, monitor and record the above information every five (5) minutes for at least thirty (30) minutes.

Comments (i.e. switched tanks, swapped line up, batch swap, or anything else that may have altered the flow of the pipeline)

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Was Emergency Shut Down Performed? YES  NO

CCO Initials & Date

*[Signature]* 6-21-13

Revised: June 30, 2010	Revision No. 5	Page Number: 5 of 6
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No.: FMOO8-01  
Title: Abnormal Operating Condition (AOC)  
Report

## Abnormal Operating Condition (AOC) Report

### SECTION 1 - FILING INFORMATION

Date of Report:

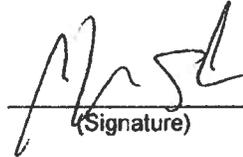
5/20/13

Date of Condition:

5/20/13

Condition Reported by:

Clay Casen  
(Printed Name)

  
(Signature)

### SECTION 2 - DETERMINATION OF ABNORMAL OPERATING CONDITION (AOC)

Pipeline Name & Product:

TAPL

Description of AOC:

MLV 5 Comm Fail

Response Prior to AOC &/or Alarm:

None, Pipeline was down

Actions Taken to Verify Alarm (True/False):

Corrective Action Taken:

Notifications Made

### SECTION 3 - REVIEW

**Note: This section is to be completed by a Tesoro Pipelines & Terminals Representative.**

AOC Issue Resolved?

Yes

No

If No, what Follow-Up Actions are Needed to Resolve the AOC:

Pipelines, Terminals & Trucking (PT&T) reviewer:

Don Groleske  
(Printed Name)

  
(Signature)

Date of Review:

6/4/13

No.: FMO08-01  
Title: Abnormal Operating Condition (AOC)  
Report

## Abnormal Operating Condition (AOC) Report

### SECTION 1 - FILING INFORMATION

Date of Report:

4/18/13

Date of Condition:

4/18/13

Condition Reported by:

C. Casen  
(Printed Name)

[Signature]  
(Signature)

### SECTION 2 - DETERMINATION OF ABNORMAL OPERATING CONDITION (AOC)

Pipeline Name & Product:

TAPL

Description of AOC:

MLV Co Comm. failure

Response Prior to AOC &/or Alarm:

None

Actions Taken to Verify Alarm (True/False):

True

Corrective Action Taken:

Notifications Made  
RESET SYSTEM / New Radio's installed & Programmed  
Communication has been Restored 5/4-13

### SECTION 3 - REVIEW

**Note: This section is to be completed by a Tesoro Pipelines & Terminals Representative.**

AOC Issue Resolved?

Yes

No

If No, what Follow-Up Actions are Needed to Resolve the AOC:

Pipelines, Terminals & Trucking (PT&T) reviewer:

MIKE Booth  
(Printed Name)

[Signature]  
(Signature)

Date of Review:

5-14-13

No.: FMO08-01  
Title: Abnormal Operating Condition (AOC)  
Report

## Abnormal Operating Condition (AOC) Report

### SECTION 1 - FILING INFORMATION

Date of Report: 5/3/13  
Date of Condition: 5/3/13  
Condition Reported by: Rusty Huf (Printed Name) [Signature] (Signature)

### SECTION 2 - DETERMINATION OF ABNORMAL OPERATING CONDITION (AOC)

Pipeline Name & Product: TAL UCSB #1  
Description of AOC: MLV #5 comm fail

Response Prior to AOC &/or Alarm: N/A

Actions Taken to Verify Alarm (True/False): Checked MLV Page (True)

Corrective Action Taken: Notification written / email sent

### SECTION 3 - REVIEW

Note: This section is to be completed by a Tesoro Pipelines & Terminals Representative.

AOC Issue Resolved?  Yes  No

If No, what Follow-Up Actions are Needed to Resolve the AOC: \_\_\_\_\_

Pipelines, Terminals & Trucking (PT&T) reviewer: Mike Booth (Printed Name) [Signature] (Signature)  
Date of Review: 5-6-13

No.: FMO08-01  
Title: Abnormal Operating Condition (AOC)  
Report

## Abnormal Operating Condition (AOC) Report

### SECTION 1 - FILING INFORMATION

Date of Report: 4/4/13  
Date of Condition: 4/4/13 @ 0043  
Condition Reported by: Dusty Huff (Printed Name) [Signature] (Signature)

### SECTION 2 - DETERMINATION OF ABNORMAL OPERATING CONDITION (AOC)

Pipeline Name & Product: TPL (TSO Pipeline)  
Description of AOC: MLV #4 COMM failure  
Response Prior to AOC &/or Alarm: N/A

Actions Taken to Verify Alarm (True/False): True CNO verified with AMCH operator that both were receiving the comm. fail

Corrective Action Taken: I/E RESET SYSTEM & ALARM CLEARED

### SECTION 3 - REVIEW

Note: This section is to be completed by a Tesoro Pipelines & Terminals Representative.

AOC Issue Resolved?  Yes

If No, what Follow-Up Actions are Needed to Resolve the AOC: \_\_\_\_\_

Pipelines, Terminals & Trucking (PT&T) reviewer: MIKE BOOTH (Printed Name)

[Signature] (Signature)

Date of Review: 4-7-13

No.: FMO08-01  
Title: Abnormal Operating Condition (AOC)  
Report

## Abnormal Operating Condition (AOC) Report

### SECTION 1 - FILING INFORMATION

Date of Report:

4/4/13

Date of Condition:

4/4/13

Condition Reported by:

Clay Cason  
(Printed Name)

[Signature]  
(Signature)

### SECTION 2 - DETERMINATION OF ABNORMAL OPERATING CONDITION (AOC)

Pipeline Name & Product:

Tesoro Alaska Pipeline

Description of AOC:

MLV 5 COMM FAILURE

Response Prior to AOC &/or Alarm:

None

Actions Taken to Verify Alarm (True/False):

False

Corrective Action Taken:

ALARM CLEARED ON ITS OWN

### SECTION 3 - REVIEW

Note: This section is to be completed by a Tesoro Pipelines & Terminals Representative.

AOC Issue Resolved?

Yes

No

If No, what Follow-Up Actions are Needed to Resolve the AOC:

Pipelines, Terminals & Trucking (PT&T) reviewer:

MIKE BOOTH  
(Printed Name)

[Signature]  
(Signature)

Date of Review:

4-7-13



No.: LFM008-01  
 Title: Abnormal Operating Condition (AOC) Report  
 3/12/12 Rev No. 4

## Abnormal Operating Condition (AOC) Report

### SECTION 1 - FILING INFORMATION

Date of Report: 4/2/13 Date of Condition: 4/1-2/13  
 Condition Reported by: Don Groleske | Don Chalchuk  
 (Printed Name) (Signature)

### SECTION 2 - DETERMINATION OF ABNORMAL OPERATING CONDITION (AOC)

Pipeline Name & Product: TAPL - JETA to ASIG

Description of AOC: ATMOS WENT INTO LEAK ALARM MILE 60-63  
BUT STATUS WAS NORMAL

Response Prior to AOC &/or Alarm: ATMOS WAS GREEN IN WARNING STATE  
AND AFTER STARTING BATCH TO ASIG

Actions Taken to Verify if AOC &/or Alarm is True or False: CHECKED FLOWS & PRESSURES-

ALL WERE GOOD. S/D AND PERFORMED TWO PRESSURE SURVEYS- BOTH PASSED  
SEE ATTACHED.

Corrective Action Taken: AFTER FIRST PRESSURE SURVEY LINE REMAINED  
IN ALARM. CALLED OUT INSTRUMENT TECH TO MONITOR. UPON  
START UP FROM SECOND SURVEY ALL WAS NORMAL AND LINE STAYED OUT OF ALARM

### SECTION 3 - REVIEW

Note: This section is to be completed by a Tesoro Logistics Representative.

AOC Issue Resolved?  Yes  No

If No, what follow-up actions are needed to resolve the AOC? NOT SURE WHY THE LINE WENT  
INTO ALARM AND WHAT CLEARED IT. INFORMATION SENT TO ATMOS & LOGISTICS.

Were the procedures used adequate and effective for Abnormal Operating Conditions (AOCs)?

Yes  No Regional Manager: \_\_\_\_\_ / \_\_\_\_\_ Date: \_\_\_\_\_  
 (Printed Name) (Signature)

Yes  No ECM or Designee: Don Groleske | Don Chalchuk Date: 4/2/13  
 (Printed Name) (Signature)

Note: If the Abnormal Operating Condition (AOC) is recognized as a possible Safety Related Condition (SRC), then the Safety Related Condition Report form LFM002-01 must be completed, and submitted to the Regional Manager and ECM.  
 Copies to: Preparer, Logistics Regional Manager, Logistics Environmental Compliance Manager.

## RESPONSE TO EXCESS BARREL DISCREPANCIES

### Information on Flow Deviation Alarm for the Pipeline

Kenai Flow	0	0	0	0	0	0
Kenai Pressure (PT-20033)	433	420	420	423	419	410
Anchorage Flow	<del>415</del>	0	0	0	0	0
Anchorage Pressure	415	436	425	417	417	412
MLV 2 Pressure	453	434	439	435	432	429
MLV 3 Pressure	457	438	443	439	436	434
MLV 4 Pressure	421	421	421	417	415	412
MLV 5 Pressure	429	436	431	428	426	422
MLV 6 Pressure	437	454	441	442	438	437
MLV 9 Pressure	429	447	440	432	433	429
Time Recorded	2010	2015	<del>2020</del>	<del>2029</del>	2035	2042

In the event that the pipeline must be shut down, monitor and record the above information every five (5) minutes for at least thirty (30) minutes.

Comments (i.e. switched tanks, swapped line up, batch swap, or anything else that may have altered the flow of the pipeline)

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Was Emergency Shut Down Performed? YES NO  
CCO Initials & Date

*[Signature]*

4-1-13

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**RESPONSE TO EXCESS BARREL DISCREPANCIES**

Information on Flow Deviation Alarm for the Pipeline

Kenai Flow	0	0	0	0	0	0
Kenai Pressure (PT-20033)	425	422	420	418	417	416
Anchorage Flow	0	0	0	0	0	0
Anchorage Pressure	417	418	417	415	414	413
MLV 2 Pressure	438	437	433	431	430	427
MLV 3 Pressure	429	441	438	436	434	432
MLV 4 Pressure	420	419	416	414	413	410
MLV 5 Pressure	429	428	427	425	423	420
MLV 6 Pressure	439	438	436	441	433	427
MLV 9 Pressure	435	432	434	433	432	427
Time Recorded	0320	0325	0330	0335	0340	0345

In the event that the pipeline must be shut down, monitor and record the above information every five (5) minutes for at least thirty (30) minutes.

Comments (i.e. switched tanks, swapped line up, batch swap, or anything else that may have altered the flow of the pipeline)

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Was Emergency Shut Down Performed? YES NO  
CCO Initials & Date

4-2-13

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No.: LFM008-01  
 Title: Abnormal Operating Condition (AOC)  
 Report  
 3/12/12  
 Rev No. 4

## Abnormal Operating Condition (AOC) Report

### SECTION 1 - FILING INFORMATION

Date of Report: 3/30/13 Date of Condition: 3/30/13  
 Condition Reported by: Don Groleske | Don Groleske  
 (Printed Name) (Signature)

### SECTION 2 - DETERMINATION OF ABNORMAL OPERATING CONDITION (AOC)

Pipeline Name & Product: TAPL USLD 1  
 Description of AOC: ATMOS LEAK ALARM "INLET FLOW SUSPECT"  
 Response Prior to AOC &/or Alarm: \_\_\_\_\_

Actions Taken to Verify if AOC &/or Alarm is True or False: CHECKED PUMPING SPEED AND METER INDICATIONS. PRESSURE SURVEY - PASSED.

Corrective Action Taken: FOUND BOARD ~~AND~~ METER INDICATIONS NOT UPDATING. REBOOTED PLC PLC

### SECTION 3 - REVIEW

Note: This section is to be completed by a Tesoro Logistics Representative.

AOC Issue Resolved?  Yes  No

If No, what follow-up actions are needed to resolve the AOC? \_\_\_\_\_

Were the procedures used adequate and effective for Abnormal Operating Conditions (AOCs)?

Yes  No Regional Manager: \_\_\_\_\_ / \_\_\_\_\_ Date: \_\_\_\_\_  
 (Printed Name) (Signature)

Yes  No EGM or Designee: MIKE BOOTH / Michael Booth Date: 4-7-13  
 (Printed Name) (Signature)

Note: If the Abnormal Operating Condition (AOC) is recognized as a possible Safety Related Condition (SRC), then the Safety Related Condition Report form LFM002-01 must be completed, and submitted to the Regional Manager and ECM.  
 Copies to: Preparer, Logistics Regional Manager, Logistics Environmental Compliance Manager.

## RESPONSE TO EXCESS BARREL DISCREPANCIES

### Information on Flow Deviation Alarm for the Pipeline

Kenai Flow	0	0	0	0	0	0
Kenai Pressure (PT-20033)	473	486	482	481	480	479
Anchorage Flow	0	0	0	0	0	0
Anchorage Pressure	519	505	<del>506</del>	504	503	502
MLV 2 Pressure	489	498	<del>496</del>	494	493	492
MLV 3 Pressure	494	502	<del>508</del>	498	498	496
MLV 4 Pressure	480	480	<del>478</del>	476	475	474
MLV 5 Pressure	492	489	487	485	485	483
MLV 6 Pressure	244	244	244	244	244	244
MLV 9 Pressure	494	494	493	490	492	488
Time Recorded	1940	1945	1950	1955	2000	2005

In the event that the pipeline must be shut down, monitor and record the above information every five (5) minutes for at least thirty (30) minutes.

Comments (i.e. switched tanks, swapped line up, batch swap, or anything else that may have altered the flow of the pipeline)

Rig in Line?

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Was Emergency Shut Down Performed? YES NO  
CCO Initials & Date

*DV* 3-3013

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No.: LFM008-01  
 Title: Abnormal Operating Condition (AOC)  
 Report  
 3/12/12 Rev No. 4

## Abnormal Operating Condition (AOC) Report

### SECTION 1 - FILING INFORMATION

Date of Report: 3-5-13 Date of Condition: 3-5-13

Condition Reported by: CULLEN | CW  
 (Printed Name) (Signature)

### SECTION 2 - DETERMINATION OF ABNORMAL OPERATING CONDITION (AOC)

Pipeline Name & Product: TAPL JETA

Description of AOC: COMM FAIL ON MLV 6

Response Prior to AOC &/or Alarm: \_\_\_\_\_

Actions Taken to Verify if AOC &/or Alarm is True or False: \_\_\_\_\_

Corrective Action Taken: ANCHORAGE MAINTENANCE INVESTIGATION

### SECTION 3 - REVIEW

Note: This section is to be completed by a Tesoro Logistics Representative.

AOC Issue Resolved?  Yes  No

If No, what follow-up actions are needed to resolve the AOC? \_\_\_\_\_

Were the procedures used adequate and effective for Abnormal Operating Conditions (AOCs)?

Yes  No AREA SUPERVISOR  
 Regional Manager: CULLEN | CW Date: 3-7-13  
 (Printed Name) (Signature)

Yes  No ECM or Designee: I Date: \_\_\_\_\_  
 (Printed Name) (Signature)

Note: If the Abnormal Operating Condition (AOC) is recognized as a possible Safety Related Condition (SRC), then the Safety Related Condition Report form LFM002-01 must be completed, and submitted to the Regional Manager and ECM.  
 Copies to: Preparer, Logistics Regional Manager, Logistics Environmental Compliance Manager.



No.: LFM008-01  
 Title: Abnormal Operating Condition (AOC)  
 Report  
 3/12/12  
 Rev No. 4

## Abnormal Operating Condition (AOC) Report

### SECTION 1 - FILING INFORMATION

Date of Report: 2-24-13 Date of Condition: 2-24-13

Condition Reported by: Rusty Huff 1  
 (Printed Name) (Signature)

### SECTION 2 - DETERMINATION OF ABNORMAL OPERATING CONDITION (AOC)

Pipeline Name & Product: TAPL / JET-A

Description of AOC: MLUG, ASI EGRV, TESASIG & TBSASIG 2 PLC's  
Comm fail

Response Prior to AOC &/or Alarm: NORMAL

Actions Taken to Verify if AOC &/or Alarm is True or False: CCO verified with  
ANCHORAGE P/L operator

Corrective Action Taken: NOTIFICATION TO GUY P. & SCOTT MORSE  
(servers Rebooted & ALARMS CLEARED)

### SECTION 3 - REVIEW

Note: This section is to be completed by a Tesoro Logistics Representative.

AOC Issue Resolved?  Yes  No

If No, what follow-up actions are needed to resolve the AOC? \_\_\_\_\_

Were the procedures used adequate and effective for Abnormal Operating Conditions (AOCs)?

Yes  No Regional Manager: \_\_\_\_\_ 1 \_\_\_\_\_ Date: \_\_\_\_\_  
 (Printed Name) (Signature)

Yes  No ECM or Designee: MIKE BOOTH \_\_\_\_\_ Date: 2-24-13  
 (Printed Name) (Signature)

Note: If the Abnormal Operating Condition (AOC) is recognized as a possible Safety Related Condition (SRC), then the Safety Related Condition Report form LFM002-01 must be completed, and submitted to the Regional Manager and ECM.  
 Copies to: Preparer, Logistics Regional Manager, Logistics Environmental Compliance Manager.

No.: FMO08-01  
Title: Abnormal Operating Condition (AOC)  
Report

## Abnormal Operating Condition (AOC) Report

### SECTION 1 - FILING INFORMATION

Date of Report: 2-5-13  
Date of Condition: 2-5-13  
Condition Reported by: Barney Stalwaker (Printed Name) [Signature] (Signature)

### SECTION 2 - DETERMINATION OF ABNORMAL OPERATING CONDITION (AOC)

Pipeline Name & Product: TAPL / JET-A  
Description of AOC: MLV # 5 COMM. FAIL  
Response Prior to AOC &/or Alarm: NORMAL

Actions Taken to Verify Alarm ( True/ False): Anchorage operator (BOB COLE)  
& Kenai CCO (Barney S.) both received the ALARM  
Corrective Action Taken: EMAIL SENT TO BOB POLYFKI

### SECTION 3 - REVIEW

**Note: This section is to be completed by a Tesoro Pipelines & Terminals Representative.**

AOC Issue Resolved?  Yes  No

If No, what Follow-Up Actions are Needed to Resolve the AOC: \_\_\_\_\_

Pipelines, Terminals & Trucking (PT&T) reviewer: MIKE BOOTH (Printed Name) [Signature] (Signature)  
Date of Review: 2-7-13