

# UTC Incident Investigation Form

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|-------------------------|---------|--------------------------|------|
| <b>Notification ID:</b> | 4055    | <b>Investigation ID:</b> | 8547 |
| <b>NRC#</b>             | 1343724 |                          |      |

|   |                  |
|---|------------------|
| <b>Inspector Name:</b>  | Anthony Dorrough |
| <b>Date Report Submitted to Chief Engineer:</b>               | October 14, 2022 |
| <b>Date Report Reviewed &amp; Approved by Chief Engineer:</b> |                  |

|                        |  |
|------------------------|--|
| <b>Operator:</b>       | Olympic Pipeline Company, OPID 30781<br>30 South Wacker Drive<br>Chicago, IL 60606 |
| <b>District/Unit:</b>  | Olympic Pipeline Company - North<br>16292 Ovenell Road, Mount Vernon, WA 98273     |
| <b>Locations:</b>      | Allen Pump Station<br>16292 Ovenell Road, Mount Vernon, WA 98273                   |
| <b>Incident Dates:</b> | August 5, 2022   |

**Description:**

**Summary:**

During a routine inspection, it was discovered that a control valve on a distribution pipeline was slightly leaking diesel fuel into a containment area (**Photo 1-6**). The initial 48-Hour report to NRC indicated [443] gallons diesel was released. The F-7100-1 Accident Report submitted to PHMSA on August 24, 2022, indicated [10.50] barrels. It appears this accident was unpreventable with a failed O-ring as the root cause.



**Photo 1**—Allen Station (Site of incident) 16292 Ovenell Rd Mount Vernon WA

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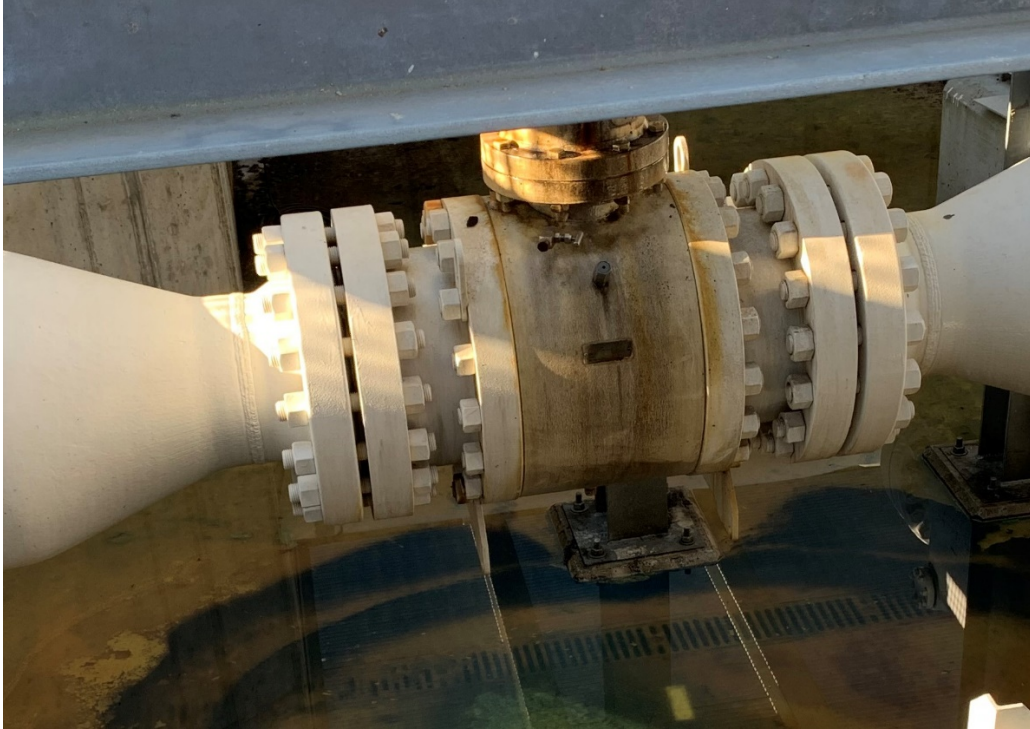
**Photo 2**—looking north across 20-inch valve location and containment area.



**Photo 3**—looking north at Valve actuator and grating over containment area.



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**Photo 4**—Looking north at 20-inch main line carbon steel ball valve with leaked product in containment area. Manufacturer: Grove.



**Photo 5**—looking north into containment area with leaked product.



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**Photo 6**—looking west at 20-inch valve from within the containment area after clean-out.

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| <b>Facts/Chronology of Events:</b>  |
| <b>08/05/2022</b><br>11:15 Discovered product in 20-inch main line valve containment.<br>11:19 Notified RCC to shut-down pipeline.<br>11:23 Notified DOM, Terry Zimmerman.<br>11:30 Site Safety, Leif LeBlanc, arrives on site.<br>11:35 Started continuous air monitoring.<br>11:40 Notified Environmental Coordinator (EC), Paula Skryja.<br>11:50 Notified NRC, requesting spill response.<br>12:10 Notified WUTC<br>13:00 Logistics Responders, Garrett Parker, Mark Skodje and Kyle Meeker arrive on site.<br>14:57 Washington State Ecology, W. Pavios, arrives on site and waits for pressure washer.<br>16:25 EC arrives on site, begins assessment of spill volume.<br>18:02 EC calculates worst case scenario = 623.11<br>18:20 (OSRO) WUTC investigator, A. Dorrough, arrives on site.<br>19:36 Leo Conte, arrives on site, approves US Ecology to wear poly-tyvek over FRC.<br>19:40 Pressure Washer arrives on site.<br>19:50 NRC Responders, Mark Gibson, Alex Sherbina and Dillon Lake, arrive on site.<br>20:00 Site Safety conducts safety brief.<br>20:20 Started containment clean up.<br><b>08/06/2022</b><br>16:21 Restarted Olympic Pipeline after investigation and repair work. |
| <b>Causes/Contributing Factors:</b>   |
| The root cause for this incident was due to equipment, a failed O-ring.   |
| <b>Regulatory Analysis/ Violations:</b>   |
| The investigation did not find the pipeline operator caused or contributed to the incident.   |
| <b>Follow up/ Recommendations:</b>  |
| During the next standard inspection, review records to determine whether or not more of these type of O-ring failures occurred, which may indicate a systemic problem.  |