



## Prepared for Washington State Citizens Committee on Pipeline Safety

*Submitted by Department of Ecology Spill Prevention, Preparedness and Response Program – Pipeline Oil Spill Contingency Plan, Drill, and GRP Updates*

*12/7/2017*

Ecology's Spills Program is a comprehensive program for preventing, preparing and responding to oil spills in Washington State for vessels, facilities, rail and pipelines.

**Contingency Plan Review:** Ecology is responsible for review and approval of pipeline oil spill contingency plans through an interagency agreement with the Utilities and Transportation Commission. Contingency plans are approved for five years.

**Drills/Readiness Exercises:** Ecology evaluates oil spill drills for pipelines here in Washington State. In each of the three years drill cycle, plan holders are required to have one tabletop exercise and two deployment exercises. In one of the three years each plan holder is required to hold a worst case tabletop drill. Integrated contingency plans covering multiple facilities typically have alternative drill programs.

**Geographic Response Planning:** Geographic Response Plans (GRP) are pre-identified response strategies to protect sensitive, cultural and economic resources. Ecology develops GRPs for the water bodies that pipelines cross. These plans are referenced in the plan holder's contingency plan.

## Pipeline Oil Spill Contingency Plan and Drill Updates

### **Phillips 66 Integrated Contingency Plan Washington State Annex**

The Phillips 66 ICP Washington State Annex was approved on October 10, 2013. This plan includes four Terminals and the portion of Yellowstone Pipeline from the Idaho border to Moses Lake. The last plan update was received in April 2017 and approved in May 2017.

#### **2017 Drills:**

- 5/10/2017: Tabletop Drill (USEPA WCD) – Moses Lake
- 5/11/2017: Deployment Drill – Moses Lake
- 8/09/2017: Tabletop Drill - Spokane
- 8/10/2017: Deployment Drill - Spokane

**Spills: None**

### **Tidewater Terminal Company, Washington Pipeline**

The Tidewater Terminal Company Washington Pipeline contingency plan includes a 4.2 mile 4 inch diameter pipeline connecting their Snake River Terminal and Burlington Northern Railroad's refueling

depot, and three 4903-foot 6 inch diameter pipelines connecting to the TLNP Terminal. Their plan received 5-year approval on June 25, 2014. The latest plan update was received in August 2017 and is still in the review process.

**2017 Drills:**

- 5/25/2017: Equipment Deployment - Pasco
- 8/22/2017: Tabletop and Deployment Drill – Vancouver
- 9/20/2017: Tabletop and Deployment Drill – Little Goose Dam

**Spills: None**

**Targa Sound Terminal, LLC**

Targa Sound Terminal is located on the Hylebos Waterway in Tacoma. Their contingency plan includes a three mile long pipeline that connects to the Olympic Pipeline at the Tacoma Station. Their plan received 5-year approval on November 24, 2015. The last plan update was received in December 2016 and approved in January 2017.

**2017 Drills:**

- 4/6/2017: Deployment Drill - GRP
- 7/27/2017: Deployment Drill - Tacoma
- 9/22/2017: Tabletop Drill - Tacoma

**Spills: None**

**Tesoro Logistics Northwest Pipeline**

The TLNP contingency plan covers their pipeline from the Oregon border near Pasco to Spokane. Their plan received 5-year approval on October 22, 2014. The last plan update was received in June, 2017 and approved.

**2017 Drills:**

- 5/25/2017: Tabletop and Deployment Drill - Pasco
- 6/15/2017: Tabletop and Deployment Drill – Spokane
- 9/28/2017: Deployment Drill – GRP, Columbia River

**Spills: None**

### **BP Pipelines (North America) NW Pipelines District**

The BP Pipelines plan covers the 392-mile long Olympic Pipe Line and the 5-mile long Cherry Point Crude Line. It was approved on June 10, 2016. The last plan update was received in August 2017 and approved.

#### **2017 Drills:**

- 3/31/2017: Deployment Drill, North Area – Whatcom Creek GRP
- 5/9/2017: Deployment Drill, Central Area – Hylebos Waterway GRP
- 08/8-9/2017: Worst Case Tabletop Drill, Vancouver

**Spills: None**

### **Kinder Morgan Canada Pipeline**

The Kinder Morgan Canada contingency plan covers the Puget Sound portion of the TransMountain Pipeline from the Canadian border near Sumas to the four northern refineries. It was approved in January 2014. The last plan update was received in June 2017 and approved.

#### **2017 Drills:**

- 4/6/2017: Deployment Drill – Control point, Lake Samish
- 8/24/2017: Deployment Drill – Bellingham
- 5/30/2017: Worst Case Tabletop Drill - Bellingham

**Spills: None**

### **U.S. Oil & Refining Company/McChord Pipeline**

US Oil/McChord Pipeline's contingency plan covers the US Oil Refinery and the McChord pipeline, which runs from the refinery to Joint Base Lewis McChord. The plan received a 5-year approval on January 15, 2016.

#### **2017 Drills:**

- 7/6/2017: Deployment Drill – GRP, Commencement Bay
- 10/5/2017: Deployment Drill – GRP, Puyallup River
- 8/2/2017: Tabletop and deployment drill credit received for pipeline jet fuel spill

**Spills:** August 2, 2017, McChord Pipeline jet fuel spill to soil. Response to the spill was completed on August 10<sup>th</sup> with no impacts to surface waters. The cause of the spill, believed to be external damage by machinery, is still under investigation.

### **Worst-Case Tabletop Drills in 2017**

- Kinder Morgan Canada TransMountain Pipeline: 5-30 & 31-17
- BP Pipelines Northwest Pipelines District: 8-8 & 9-17

### **Rule Updates**

PIPELINE RULE: Chapter 173-182 WAC [Oil Spill Contingency Plan Rule](#)

We are in the process of receiving and reviewing all pipeline plans now. The first phase in date along with required changes are listed below:

- Effective 11/12/2017 (twelve months after the effective date of this chapter) plan holders must submit updates to their plans reflecting the new requirements:
  - Updates to the description of the response zones and worst case discharge volume and calculations.
  - Planning standards for storage (WAC 173-182-335)
  - Transmission pipelines that may impact shorelines of statewide significance (WAC 173-182-365);
  - Pipeline tank farms (WAC 173-182-366);
  - Planning standards for pipelines carrying crude oil (WAC 173-182-323);
  - Pipeline air monitoring planning standard (WAC 173-182-535).
- To the extent to which plan holders rely on PRC applications to demonstrate compliance for the plan holder, PRC applications must also be updated on or before the effective date listed above.

Ecology will receive all plan updates, check them for completeness, post them for 30-day public review, and respond to submitter no later than 65 days following submission. Existing plan review and drill planning processes will be modified to include the new components as they are phased in.

PIPELINE REPORTING OF CRUDE OIL MOVEMENT: Chapter 173-185 WAC

The new rule Chapter 173-185 WAC, [Oil Movement by Rail and Pipeline Notification](#) was adopted on August 24, 2016 and went into effect on October 1, 2016. Quarterly reports are published on our new Oil Spill Story Map, an interactive tool which has a lot of interesting data on oil movement and oil spills. It is available here: [https://fortress.wa.gov/ecy/coastalatlasc/storymaps/spills/spills\\_sm.html](https://fortress.wa.gov/ecy/coastalatlasc/storymaps/spills/spills_sm.html)

**This concludes Ecology's update.**