

PFP Recovery Update – January 12, 2018

Updated 1:00 p.m. PST

Updates since January 11, 2018 highlighted

Weekend activities at the PFP will include routine radiological surveillances, applying fixative, sand and soil to previously contaminated areas and performing other safety-related activities.

**Plant Status**

System/Area	Status
PRF Rubble Pile	<ul style="list-style-type: none"><li>Remains covered with 3-5 feet of soil and layer of fixative.</li></ul>
PFP Property Area	<ul style="list-style-type: none"><li>Surveys continue to show no evidence of additional contamination.</li><li>On Jan. 10-11, crews applied fixative to the main processing facility (234-5Z), continued adding dirt where contamination was found near MO-273 and began making preparations to allow retrieval of equipment and personal items from trailers within the newly-expanded contamination area.</li><li>At 10:15 a.m. on Jan. 12, during surveys within PFP’s work control zone, contaminated tumbleweed fragments were identified near U Tank Farm. Contamination was 84,940 dpm/100 cm<sup>2</sup> beta-gamma; no alpha contamination was detected. The area was appropriately posted following discovery. The contaminated tumbleweed fragments are not a result of the recent PFP contamination event.</li></ul>

**Radiological Surveys, Sampling and Analysis**

**On-Site and Environmental:**

- Cookie Sheets (60 total): No contamination found during swing shift surveys of 60 cookie sheets Jan. 11.
- Continuous Air Monitor Readings (14 total): CAMs reading <1 DAC-hr as of 11:00 p.m. PST Jan. 11.
- Air Samplers (22 total): Air samples exchanged with no indication of activity, other than radon, as of 11:00 p.m. PST Jan. 11.
- Bioassay:** Received no new requests for a bioassay on Jan. 11. Bioassays will determine dose, if any, received by employees and will be reported in millirem (mrem) to affected individuals over the next few weeks.
  - 271 total requests as of 12:00 p.m. PST Jan. 12
    - MSA: 110; WRPS: 92; CHPRC: 69
- External:** Awaiting Washington State Department of Health (DOH) air samples taken Dec. 19 and Dec. 20 as well as data from DOH cookie sheets.

- **Government Vehicle Radiological Surveys:** One additional vehicle was surveyed and had a spot of contamination (185 dpm/cm<sup>2</sup>) on back bumper. This vehicle was already located in a posted contamination area.
- As of 12:30 p.m. PST Jan. 12:

	Previously reported	Since Jan. 11	Total
<b>Total PFP-controlled government vehicles</b>	97		97
<b>PFP-Controlled government vehicles surveyed</b>	83	1	84
Decontaminated and returned to service	1	0	1
Contaminated and awaiting disposition (decontamination or radon decay)	14	1	15
No contamination found and returned to service	67	1	68
<b>PFP-controlled government vehicles at PFP remaining to be surveyed</b>	14	(1)	13
Large industrial vehicles	2	(0)	2
Passenger vehicles	12	(1)	11

- **Personal Vehicle Radiological Surveys:**
  - Seven personal vehicles identified with contamination at COB Dec. 19 and all seven personal vehicles were decontaminated and returned to owners as of 3:30 p.m. PST on Tuesday, Dec. 26.
- **Home Surveys:** There have been no new requests for home surveys. All requested (seven total) home surveys completed (Dec. 20) with no contamination found.

#### **Future Actions**

- Daily contamination surveys will be conducted.
- Continue to monitor air samplers.
- Application of fixative and soil will occur as weather allows.

#### **Workforce Management**

- The workforce remains committed to the current mission of hazard recognition and control, despite the challenging situation

#### **Communications**

- CHPRC distributed communication (*Attachment 1*) regarding recovery team actions, ongoing stabilization activities and PFP and the availability of an intranet site where employees can ask questions and view answers.