

PFP Recovery Update – January 11, 2018

Updated 1:15 p.m. PST

Updates since January 10, 2018 highlighted

The next update will be the week of Jan. 15. Weekend activities at the PFP will include radiological vehicle surveys, radiological routine surveillances, applying fixative and other safety-related activities.

Plant Status

System/Area	Status
PRF Rubble Pile	<ul style="list-style-type: none">Remains covered with 3-5 feet of soil and layer of fixative.
PFP Property Area	<ul style="list-style-type: none">Surveys continue to show no evidence of additional contamination.On Jan. 10, crews applied fixative to the main processing facility (234-5Z), continued adding dirt where contamination was found from the original spread near MO-273 and began making preparations to allow retrieval of equipment and personal items from trailers within the newly-expanded contamination area.

Radiological Surveys, Sampling and Analysis

On-Site and Environmental:

- Cookie Sheets (60 total): No contamination found during day shift surveys of 46 cookie sheets Jan. 10 and during Jan. 9 swing shift surveys of all 60 cookie sheets.
- Continuous Air Monitor Readings (14 total): CAMs reading <1 DAC-hr as of 12:00 p.m. PST Jan. 10.
- Air Samplers (24 total): Air samples exchanged with no indication of activity, other than radon, as of 12:00 p.m. PST Jan. 11.
- Bioassay:** Received two new requests for a bioassay on Jan. 10. 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. 11
 - MSA: 110; WRPS: 92; CHPRC: 69
 - The two Jan. 10 bioassay requests are from MSA and WRPS. CHPRC bioassays dropped from 71 to 69 due to two CHPRC employees miscategorized as MSA employees.
- 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:** No additional vehicles have been surveyed, as those vehicles remain inside a posted contamination area and rain is hampering surveying.
- As of 12:25 p.m. PST Jan. 11:

	Previously reported	Since Jan. 10	Total
Total PFP-controlled government vehicles	97		97
PFP-Controlled government vehicles surveyed	83	0	83
Decontaminated and returned to service	1	0	1
Contaminated and awaiting disposition (decontamination or radon decay)	14	0	14
No contamination found and returned to service	67	0	67
PFP-controlled government vehicles at PFP remaining to be surveyed	14	(0)	14
Large industrial vehicles	2	(0)	2
Passenger vehicles	12	0	12

- **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 regarding access expectations for the expanded work control zone (*Attachment 1*) and shared with other Hanford contractors for distribution.