

# ROCKY FLATS STEWARDSHIP COUNCIL

P.O. Box 17670  
Boulder, CO 80308-0670  
www.rockyflatssc.org

(303) 412-1200  
(303) 600-7773 (f)

Jefferson County -- Boulder County -- City and County of Broomfield -- City of Arvada -- City of Boulder  
City of Golden -- City of Northglenn -- City of Thornton -- City of Westminster -- Town of Superior  
League of Women Voters -- Rocky Flats Cold War Museum -- Rocky Flats Homesteaders  
Nancy Newell

## Monthly Status Report – June 2014

### Board meeting summary

#### *2013 Stewardship Council audit*

The auditor did not find any material deficiencies and issued a clean audit. The board voted to accept the audit.

#### *DOE annual meeting*

The Stewardship Council hosted DOE's annual update for 2013. Updates included:

- groundwater monitoring;
- surface water monitoring;
- ecological monitoring; and,
- surveillance, maintenance and site operations.

Some of the highlights included:

- DOE temporarily increased the sampling frequency for selenium at the Original Landfill, and for vinyl chloride, arsenic and selenium at the Present Landfill.
- Reportable 12-month rolling average for americium, plutonium and uranium were observed at GS10.
- At the Walnut Creek Point of Compliance (WLPOC), reportable 30-day average value for uranium was observed in December. The 12-month rolling average remains below the remedy performance standard. Additional sampling is being conducted upstream of WALPOC.
- All groundwater met site standards. Work at the groundwater treatment systems continued throughout the year.
- Following the September floods, cracking on the eastern side of the Original Landfill was observed. Repairs were made.

The entire report can be found at: [http://www.lm.doe.gov/Rocky\\_Flats/Documents.aspx](http://www.lm.doe.gov/Rocky_Flats/Documents.aspx)

#### *Groundwater Presentation*

- The briefing focused on the groundwater monitoring network, contaminants of concern and the groundwater treatment systems.

- DOE's presentation can be found at:  
[http://www.lm.doe.gov/Rocky\\_Flats/Sites.aspx?view=5](http://www.lm.doe.gov/Rocky_Flats/Sites.aspx?view=5) ("RFSC Groundwater Presentation")

## Legacy Management monthly site inspection summary

DOE reports that its site activities for May focused on routine maintenance and surveillance activities.

### *Environmental*

- Continued 2<sup>nd</sup> Quarter 2014 groundwater sampling.
- Sampled wells in the vicinity of the East Trenches Plume Treatment System (ETPTS), including the air stripper locations; Solar Ponds Plume Treatment System (SPPTS); former Solar Evaporation Ponds; former B444; and Original Landfill (OLF).

### *Groundwater Treatment Systems*

- ETPTS: DOE reports the system is functioning normally.
- Mound Site Plume Treatment System (MTPTS): DOE reports the system is functioning normally.
- SPPTS: DOE reports the system is functioning normally.

### *Ecology*

- Continued vegetation mapping in the Central Operable Unit.
- Evaluated various locations to determine where herbicide applications were needed, spot sprayed localized weed infestations, and completed broadcast herbicide applications.
- Surveyed wetland water levels and installed seed mats at several wetland locations to test planting seeds in erosion matting or in burlap. DOE will observe to see if anything grows this season.
- Completed the 2014 Habitat Enhancement Project. Planted 130 woody plants on the hillside south of the MSPTS (30 Rocky Mountain juniper, 50 skunkbush, and 50 four-wing saltbush).

### *Landfills*

- Surveyed locations of minor new cracks observed at the Original Landfill (OLF). The cracks were filled in accordance with the OLF Monitoring & Maintenance plan.
- The OLF and Present Landfill (PLF) were inspected after the precipitation event on May 11 and 12. No new issues were noted at either the OLF or PLF.

## Stewardship Council update

Next meetings:

September 8

October 27 (note change of meeting date)