

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
Kim Griffiths

Monthly Status Report – February 2018

Board Meeting Summary

Election of Stewardship Council Officers for 2018

The Board elected the following officers. The terms run until the February 2019 meeting.

Chairman – Joyce Downing (Northglenn)
Vice Chairman – Chris Hanson (Superior)
Secretary/Treasurer – Jeannette Hillary (League of Women Voters)

Bylaws Amendments

The Board adopted two amendments to the bylaws. One staggers the terms of the community member seats. A second expands the list of non-voting members who could serve to include former elected officials who previously served on the Board of Directors.

Community Seats

Following the adoption of the bylaws amendment, the governments made the following appointments. Their terms start at the February 2018 meeting.

League of Women Voters (2-year term)
Rocky Flats Homesteaders (2-year term)
Rocky Flats Cold War Museum (1-year term)
Kim Griffiths (1-year term)

Approval of 2018 Meeting Dates

The 2018 meeting dates are as follows:

February 5
April 2
June 4
September 17
October 29

DOE Quarterly Update – 3rd Quarter 2017 (June-September)

Highlights included:

- Vinyl chloride was reportable during the 2nd quarter, so site personnel increased sampling frequency to monthly. Subsequent samples showed the levels returned to below regulatory levels, so sampling is again quarterly.
- At the water quality monitoring point downstream of the Original Landfill, all analytes were below the applicable water quality standard.
- Regarding groundwater monitoring, the 3rd quarter is a light sampling quarter. Only the RCRA wells are sampled.
- At the Original Landfill, maintenance to address a slumping event was identified and completed. Vertical settling at each monument was within limits.
- At the North Walnut Creek Slump, hillside maintenance grading was conducted during the 2nd quarter. During the 3rd quarter, a crack developed along the slump scarp alignment. Maximum crack displacement was 3-4 inches in width and 2 feet in depth. Survey monitoring points were installed and surveyed. The crack was filled.

CDPHE Briefing “Myths and Misunderstandings”

CDPHE addressed four truths and 20 statements they labeled “Myths and Misunderstandings.” The full presentation, including notes, is found at:

http://rockyflatssc.org/public_comment/Myths%20and%20Misunderstandings%20CDPHE%20presentation%20at%20RFSC%20with%20notes%20%282018-2-5%29%20.pdf

Legacy Management Monthly Site Activities Summary

DOE reports the following for December. Please note, DOE has adopted a new reporting format. This section tracks that new format.

Monitoring

No non-routine monitoring was conducted during December and January.

Groundwater Treatment Systems

- East Trenches Plume Treatment System (ETPTS): DOE reports the system is working as designed, effectively treating groundwater from both the Mound Site and East Trenches groundwater plumes.
- Solar Ponds Plume Treatment System (SPPTS): DOE reports the system is working as designed. Site personnel field tested selected technologies as part of the ongoing uranium treatment alternatives evaluation.

Original Landfill

- Site personnel completed revegetation at the slump regrade and compaction area and at the berm and channel maintenance area.
- Personnel conducted 4th quarter Central Operable Unit sign inspections. All signs are present and in good shape.

North Walnut Creek Slump

- The geotechnical investigation and engineering analysis is ongoing.
- Personnel completed and developed 15 boreholes for piezometer wells that will measure water levels. Three additional borings are anticipated to install inclinometers.

Contact Record, 2018-01

“Original Landfill (OLF) Geotechnical Investigation Work in accordance with attached Soil Disturbance Review Plan”

As provided in the record, “In response to the 2013 and 2015 precipitation events and related slope instability several studies and interim measures were completed. The interim measures were mainly repairs to, and maintenance of, storm water features that divert surface water and groundwater from the landfill. These measures include surface grading and compaction to minimize infiltration in the slump areas. The storm water features are generally located outside of the waste footprint. However, small areas within the waste footprint adjacent to these features have been impacted as a result of post-closure precipitation events and have been subject to repairs.”

Accordingly, “A geotechnical investigation will be conducted to support the long-term slope stability project for the OLF hillside. Geotechnical investigation activities will include drilling vertical borings and excavating test pits on the eastern and western portion of the OLF.” Further, “Test pit excavation may present the opportunity to improve drainage around seeps, which could involve the installation of drainage materials (e.g., drain lines, gravel). The majority of the borings and test pits will be outside the waste footprint and therefore will not intercept the soil cover or underlying waste. However, some of the borings and test pits might be drilled or excavated within the waste footprint.”

The record can be accessed at: https://www.lm.doe.gov/Rocky_Flats/Sites.aspx?view=5.

Contact Record, 2018-02

“Minor Modification to the Inspection Form Attached to the Original Landfill (OLF) Monitoring and Maintenance Plan (M&M Plan)”

As provided in the record, “Minor modifications to the current OLF inspection form are necessary to (1) capture changes to water management controls resulting from routine maintenance and repairs conducted since 2009, (2) delete the vegetation inspection page, and (3) allow for the use of an electronic inspection form.” The record explains the specific changes.

The record can be accessed at: https://www.lm.doe.gov/Rocky_Flats/Sites.aspx?view=5.

Stewardship Council Update

Next Board of Directors Meeting: Monday, April 2, 2018