

ROCKY FLATS STEWARDSHIP COUNCIL

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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
Arthur Widdowfield

Monthly Status Report – February 2013

Board meeting summary

Election of Stewardship Council Officers for 2013

The board elected the following officers for 2013:

- Chairman – Bob Briggs (Westminster)
- Vice Chairman – Joyce Downing (Northglenn)
- Secretary/Treasurer – Deb Gardner (Boulder County)

Terms run until the February 2014 meeting.

2013 Meeting Schedule

The board adopted the following meeting schedule for 2013:

- February 4
- April 1
- June 3
- September 9 (second Monday of the month)
- October 28 (fourth Monday of the month)

Approval of Letter Supporting Rocky Flats Workers

The Board agreed to send a letter to the Colorado Congressional delegation supporting efforts to secure just compensation under the Energy Employees Occupational Illness Compensation Program Act (EEOICPA).

DOE Quarterly Update

DOE discussed

- surface water monitoring
- groundwater monitoring
- ecological monitoring
- site operations (inspections, security, general maintenance, etc.)

Highlights included:

- Reportable 12-month rolling average values for uranium and americium at GS10 continued to be observed through the quarter
- Reportable 12-month rolling average values for plutonium at GS10 were observed starting in May 2012. Additional sampling is being conducted both upstream and

downstream of GS10; no downstream results have been detected. There is currently not sufficient water to be able to sample upstream.

- At the Mound Site Plume Treatment System, DOE installed powered ventilation on air stripper, which reduced contaminants by 90 percent.
- At the Solar Ponds Plume Treatment System, DOE continued both testing of ZVI-filled microcells for uranium treatment, and testing of lagoons for nitrate treatment.
- All landfill inspections were completed, and the landfill covers were found to be in good condition.
- DOE conducted a quarterly sign inspection to ensure that these physical controls under RFLMA were intact; they were all found to be in good condition. (On the following page is a photo of the signs.)

CDPHE briefing on off-site contamination

During cleanup, 20,480 acres of off-site land (about 32 square miles) primarily to the east and south of Rocky Flats was designated as Operable Unit 3 (OU3). In 1996, DOE, CDPHE and EPA determined that OU3 was protective of human health and the environment, and that offsite areas could safely be available for all uses without restriction. In 2007, OU3 was removed (called “delisting” in regulatory terms) from the CERCLA Superfund list. This process deemed that no further remedial measures pursuant to CERCLA were appropriate. Importantly, these lands were deemed available for any and all use with no restrictions due to contamination levels.

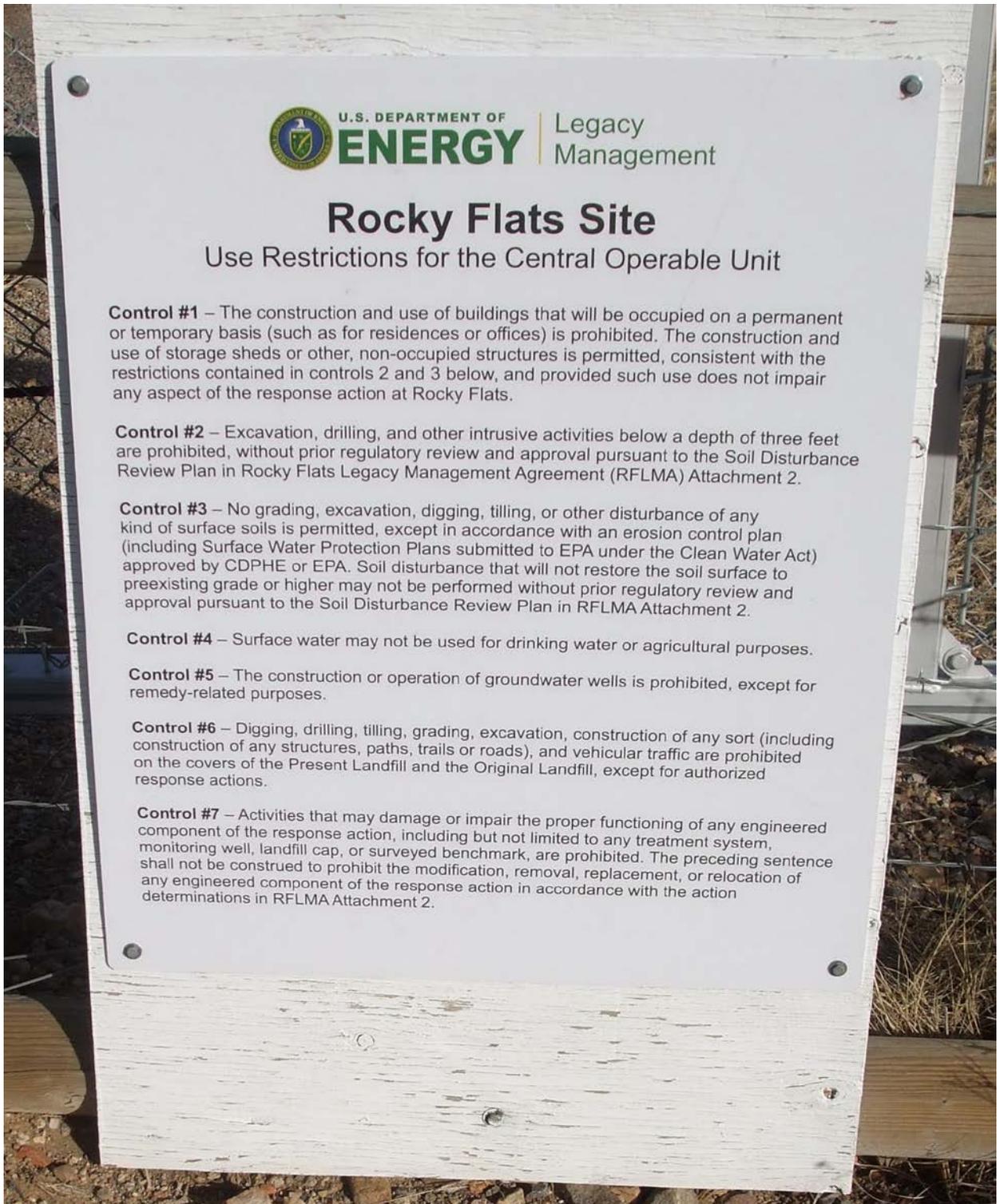


Photo of signs at entrance to DOE-controlled lands and along fences.

Legacy Management monthly site inspection summary

DOE's January 2013 Rocky Flats activities included:

Groundwater and Surface Water Monitoring

- Collected the Walnut Creek ambient surface water samples.
- Measured quarterly water levels across the site.
- Collected and processed automated surface water sample suites.
- Collected the Present Landfill quarterly grab samples.

Groundwater Treatment Systems

Routine inspections of the treatment systems were conducted as follows.

- East Trenches Plume Treatment System: DOE reports the system is functioning normally.
- Mound Site Plume Treatment System: DOE reports the system is functioning normally.
- Solar Ponds Plume Treatment System (SPPTS): DOE reports the system is functioning normally. Continued microcell uranium treatment and lagoon nitrate treatment testing and evaluation.

Ecology

- Began drafting EPA wetland mitigation monitoring report.
- Began analysis of the re-vegetation monitoring data.
- Conducted field evaluation of SPPTS hillside shrubs that were planted last spring.
- Began placing volunteer forb seed into new forb nursery areas.

Site Monitoring & Maintenance

- There were no significant changes to report at either landfill.
- Original landfill inclinometer readings were taken which measure movement at the landfill.
- Preble's Meadow Jumping Mouse (federal endangered species) inspections were completed.

Adaptive Management Plan – 2012 Report

In late February, DOE posted in its website its 2012 report of the Adaptive Management Plan (AMP) monitoring results. The AMP, which was approved in May 2011 following the issuance of an environmental assessment, is a "monitoring and data evaluation program to assist in deciding to implement proposed action for terminal ponds in 2018-2020 timeframe or delay to gather additional data." The AMP process includes provisions about reporting timeframes, summary reports, and an annual report.

Monitoring under the AMP includes:

- Targeted groundwater monitoring
- Monitoring to evaluate flow-through operations at terminal ponds A-4, B-5, and C-2
- Storm event monitoring
- Continuous flow-paced composite sampling to evaluate uranium transport
- Grab sampling for uranium in North and South Walnut Creeks

- Grab sampling for nitrate in Walnut Creek (intended to help define the relative impacts of the Solar Ponds Plume Treatment System on surface water in North Walnut Creek)

The report, which includes sampling results, can be found at:

http://www.lm.doe.gov/Rocky_Flats_AMP.pdf DOE will host a public meeting to discuss the 2012 results on Thursday, April 25, 2013, at 1:00 pm at its Westminster Office, 11025 Dover Street, Suite 1000. Meeting participants will also conduct the biennial review of the AMP to assess whether any changes to the AMP are warranted.

Stewardship Council update

Next meetings:

April 1

June 3

September 9 (second Monday of the month)

October 28 (fourth Monday of the month)