



# Rocky Flats Site, Colorado Summary of Third Quarter 2022 Activities

Rocky Flats Stewardship Council Meeting  
February 6, 2023

# Overview of Third Quarter 2022

## ■ Surface Water

- RFLMA Point of Compliance and Point of Evaluation analyte concentrations remained below reportable condition levels in the third quarter of CY 2022 with one exception
  - Although no recent validated sample results have been received for POE GS10 (results are available through June 6, 2022), routine data evaluation in August 2022 indicated that the 12-month rolling average for uranium resulted in a reportable condition for August 31, 2022
- Results from quarterly performance monitoring for the PLFTS effluent were acceptable
- Quarterly performance monitoring for the OLF showed acceptable results for all analytes except arsenic
  - The mean concentration of arsenic during the third quarter was 12.5 µg/L, above the 10 µg/L standard
  - Monthly sampling was triggered for the fourth quarter

## ■ Groundwater and Groundwater Treatment Systems

- Sampled 10 RCRA wells monitoring the Present Landfill and Original Landfill
  - Results generally consistent with previous data, will be evaluated in 2022 annual report
- Treatment systems
  - Routine maintenance at all systems
  - SPPTS solar/battery power facility replaced – all new solar panels and batteries
    - Conex-based design is similar to that at the ETPTS



# Overview of Third Quarter 2022 (continued)

## ■ Operations and Maintenance

- RFLMA inspections completed including weather-related inspections of the COU and OLF on August 18 (no new issues identified), routine maintenance performed
- OLF: Monthly inspections, no slumping observed
- PLF: Quarterly inspections, no issues noted
- Landfill Settlement Monument surveys: Vertical settling within design limits
- Site erosion controls monitored and maintained
- NWCS survey: Continued monthly monitoring of survey points

## ■ Ecology

- Wildlife monitoring: prairie dog surveys (no active towns in COU)
- Vegetation monitoring: weed mapping, forb nursery data collection, revegetation monitoring, wetland monitoring, Preble's mouse habitat monitoring, photopoint data collection, shrub and tree survival counts
- Vegetation management: weed control, interseeding



**For additional details on any items noted here,  
please view the report at**

**[https://lmpublicsearch.lm.doe.gov/lmsites/s43376\\_rfs\\_3q22.pdf](https://lmpublicsearch.lm.doe.gov/lmsites/s43376_rfs_3q22.pdf)**

