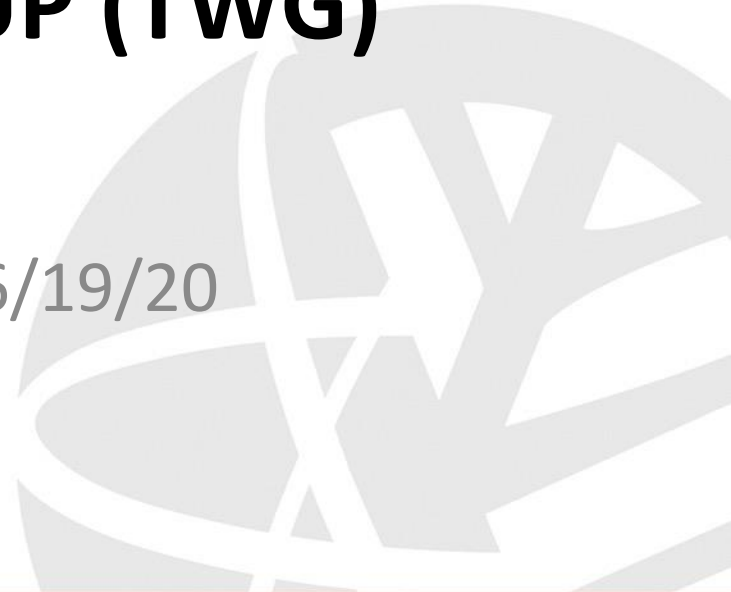


DOE EM-LA TECHNICAL WORKING GROUP (TWG)

Councilor Randall Ryti, 6/19/20



Technical Working Group (TWG) Purpose

- The TWG is a public workgroup tailored for stakeholders who want to take an extended deep dive into the technical details of upcoming decisions and monitoring data associated with the legacy cleanup at Los Alamos National Laboratory (Feb 2020)
- EM Cleanup Forums in June and August 2019 alluded to an enhanced stakeholder engagement process

TWGW Topics (Feb 2020)

1. Contaminant migration pathways
2. Surface water and groundwater protection and monitoring programs
3. Material Disposal Area (MDA) remedial actions
4. Chromium plume and Royal Demolition Explosive (RDX) plume
5. Management and disposition of contact-handled transuranic waste (CH-TRU)

TWG Meeting March 2020

- Values and priorities March 4 meeting – see separate PDF
- Los Alamos Legacy Cleanup contract clarification letter (March 31)
 - Near-term Remedy Recommendations
 - MDA C Revised CME ~Dec 2020
 - RDX in Deep GW CME Dec 2020
 - Cr recommendation in Fall 2021 or sooner

Material Disposal Area (MDA) C

- Virtual meetings in April, May, June
- Site information
 - 12 acres on Pajarito Road near TA-55
 - Used from 1948 to 1974, pits and shafts
 - Radioactive and chemical (solvents) waste
- Studies – 1961, 1989 to 2011
- Many reports

Material Disposal Area (MDA) C

- 2012 Corrective Measures Evaluation
 - Threshold criteria, e.g., protect human health, meet standards
 - Balancing criteria, e.g., cost, feasibility, long-term effectiveness

Material Disposal Area (MDA) C

- 2012 Corrective Measures Evaluation (cont.)
 - Four options evaluated (2012 dollars)
 - No action \$0 (not protective)
 - Maintain existing soil cover, monitor \$2.5m
 - Enhanced cover, extract solvents ~\$37m
 - Removal \$790m

How to better involve RCLC members

- Community values and priorities
- Future land use and institutional controls
- Contaminant transport
- Public health surveys and advisories