

MOAB UMTRA PROJECT

URANIUM MILL TAILINGS REMEDIAL ACTION

MOAB, UTAH



Panoramic view of Moab UMTRA Site (June 2026)



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UMTRA Liaison/Technical Inspector

MTPSC Status Update

07.28.2026

INTRODUCTION & PURPOSE

The UMTRA Liaison/Technical Inspector position, as established by Grand County Resolution 3198 and located within the Grand County Planning and Community Development Department (P&CD), serves as an independent and neutral figure regarding activities utilizing a conditional use permit (CUP) through Grand County.

The UMTRA Liaison/Technical Inspector provides observations, reports, and other applicable duties to the following sites:

- The Moab UMTRA Site and associated Crescent Junction Disposal Site
- IACX Helium Processing Plant at Harley Dome

The UMTRA Liaison/Technical Inspector works with a variety of entities and committees to ensure full transparency and accurate reporting. This position is currently funded through Grant DE-EM0005196 and has a period of performance through February 2027.

UMTRA SITE MAP



Google Maps – Image not to scale

OBSERVATION POINT # I: TIMELAPSE 2021 - 2026

JUN 2021



JUN 2026



OBSERVATION POINT #2: TIMELAPSE 2021 - 2026

JUN 2021



JUN 2026



OBSERVATION POINT #4: TIMELAPSE 2021 - 2026

MAY 2021



JUNE 2026

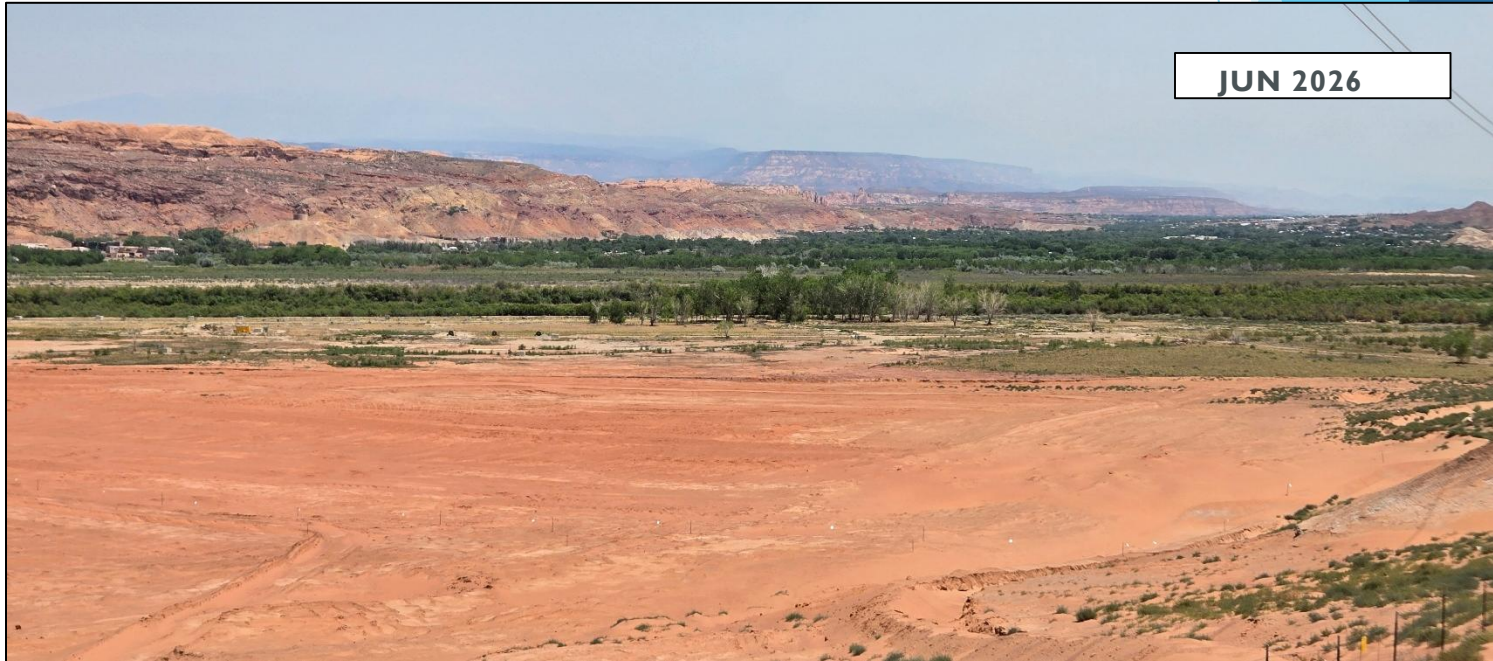


OBSERVATION POINT #5: TIMELAPSE 2021 - 2026

JUN 2021



JUN 2026



OBSERVATION POINT #6: TIMELAPSE 2021 - 2026

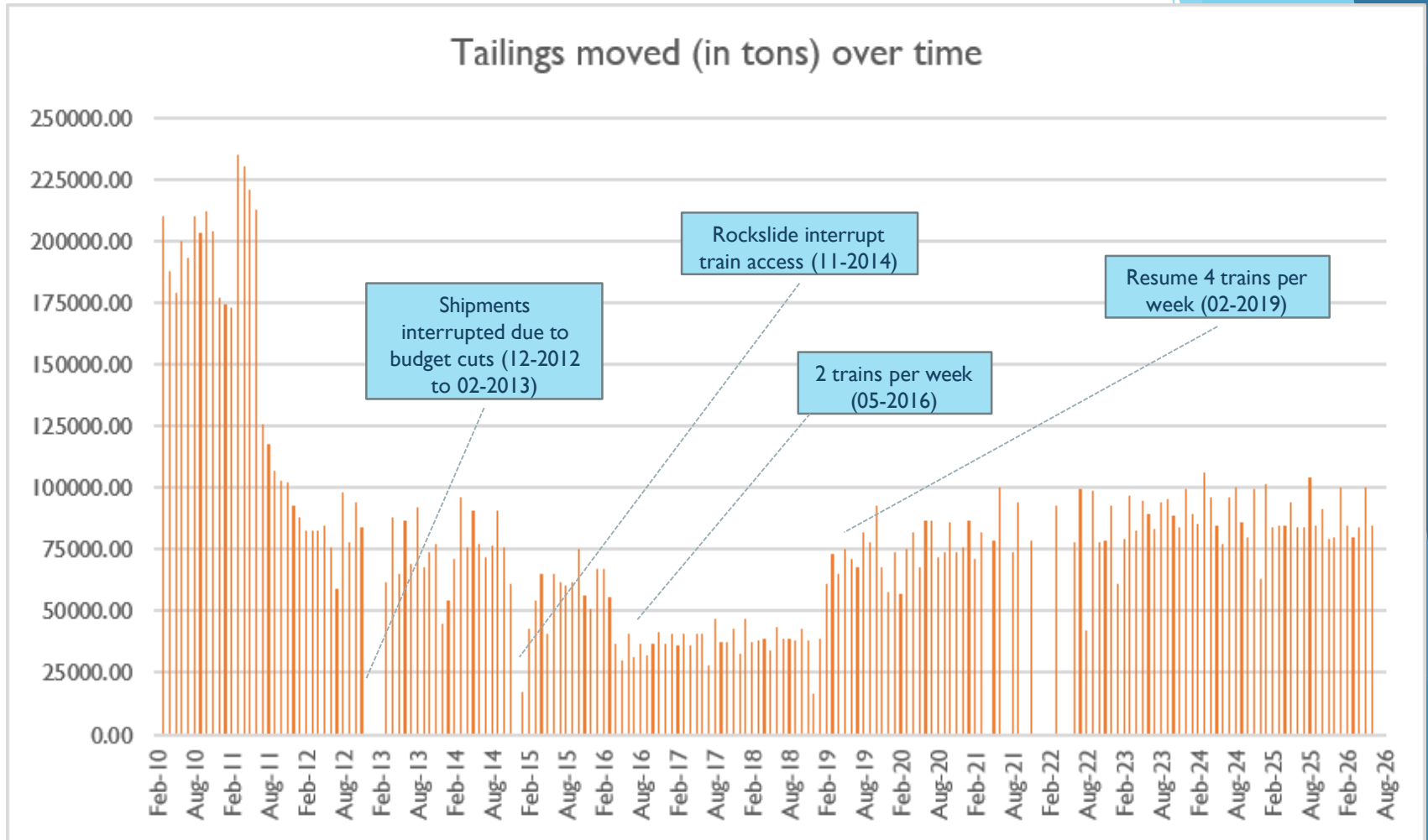
MAY 2021



JUNE 2026

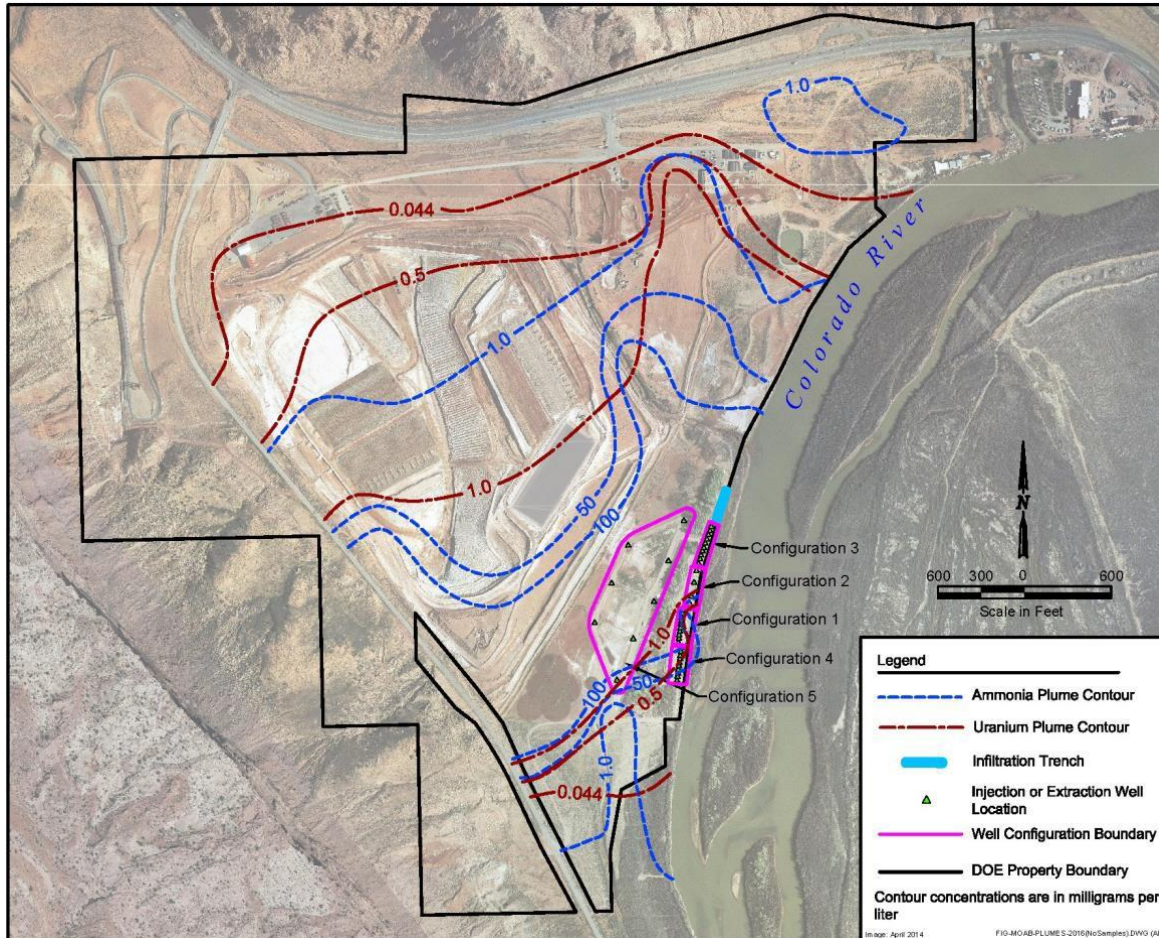


TAILINGS SUMMARY - OVERALL



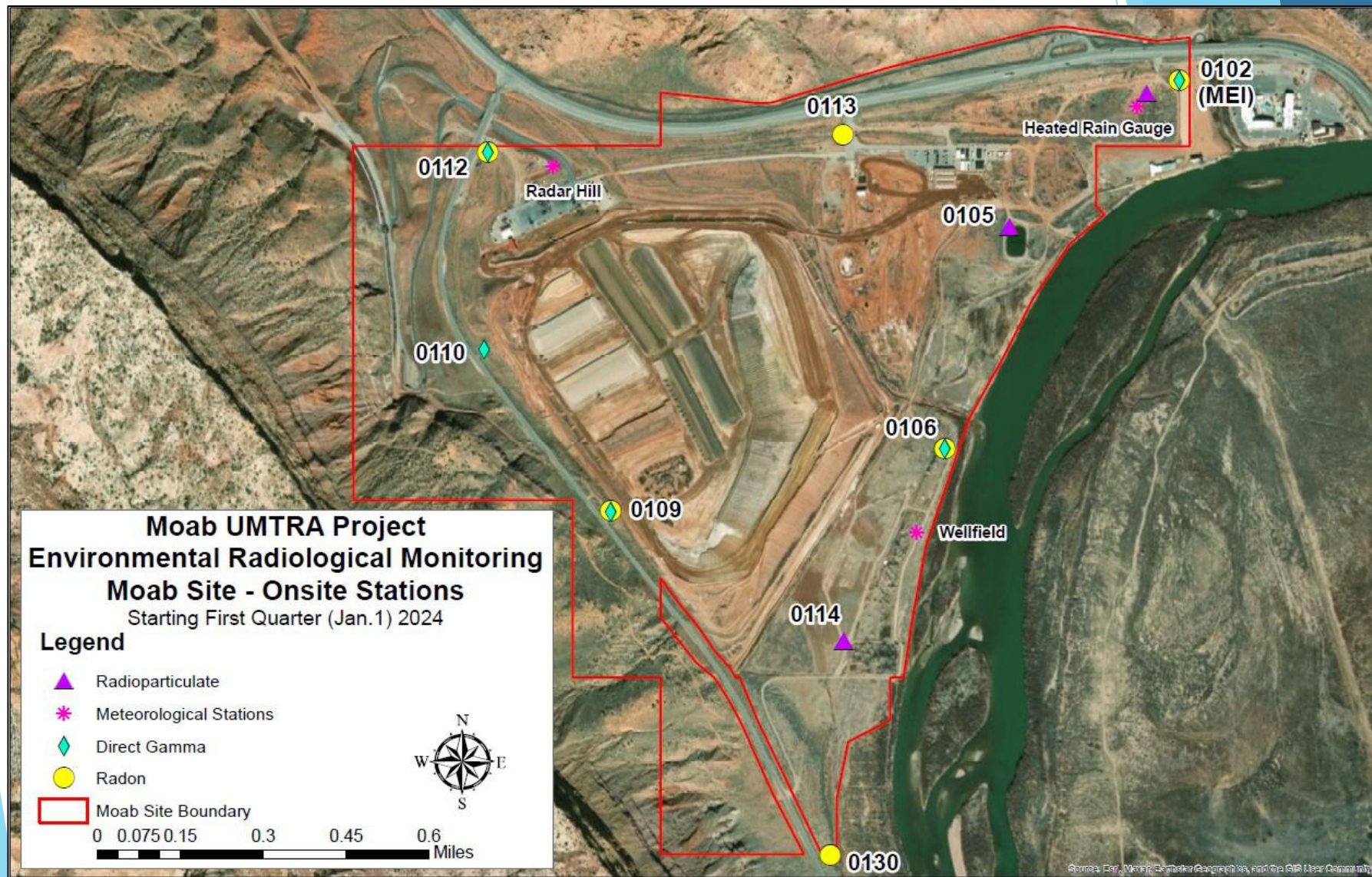
- At the end of June 2026, approximately 16.7 million tons of tailings and mill debris has been shipped to the Crescent Junction site for disposal. Approximately 84,462 tons of tailings and mill debris were moved in June 2026 (end of 2Q26). Indicates that over 100% of the estimated 16 million total tonnage contained at the Moab UMTRA site has been removed since the beginning of the project. Values reflect sub-pile volumes removed.
- The Moab UMTRA Project continues to operate on a regular schedule of four (4) trains per week.

GROUNDWATER REMEDIATION



- In 2003, DOE implemented an interim action system at the Moab site to address concerns regarding elevated ammonia and uranium concentrations in groundwater discharging to the Colorado River. A total of five well configurations are used to reduce the amount of ammonia and uranium that discharges to the river.
- Groundwater extraction is through Configuration 5 wells, which are located closer to the tailings pile.

AIR MONITORING MAPS - MOAB SITE



**Moab UMTRA Project
Environmental Radiological Monitoring
Crescent Junction Site**
Starting First Quarter (Jan. 1) 2024

Legend

- Radon
- Direct Gamma
- Radioparticulate
- Meteorological Station
- Site Boundary
- Property Boundary

0 0.25 0.5 1 1.5 2 Miles

AIR MONITORING & GROUNDWATER REMEDIATION DATA SUMMARY 2Q25 VS. 3Q25

Moab Site - Radioparticulates (mrem)			
Station No.	2Q25	3Q25	Diff
0102 (MEI)	0.17	0.17	0
0105	0.23	0.43	0.2
0114	0.36	0.49	0.13
0117	0.14	0.15	0.01
0118	0.25	0.32	0.07
0119	0.11	0.17	0.06
0122	0.15	0.14	-0.01
0123	0.21	0.23	0.02
0129	0.73	0.83	0.1

Crescent Junction Site - Radioparticulates (mrem)			
Station No.	2Q25	3Q25	Diff
0307	0.15	0.21	0.06
0308	0.21	0.23	0.02
0309	0.32	0.74	0.42

Moab Site - Radon (pCi/L)			
Station No.	2Q25	3Q25	Diff
0102 (MEI)	0.51	0.57	0.06
0130	0.76	0.57	-0.19
0109	0.51	0.84	0.33
0112	0.97	0.81	-0.16
0113	1.4	1.2	-0.2
0106	1.4	0.97	-0.43

Crescent Junction Site - Radon (pCi/L)			
Station No.	2Q25	3Q25	Diff
0301	0.14	0.41	0.27
0308 (MEI)	0.81	0.92	0.11
0311	0.19	0.32	0.13
0312	0.57	0.65	0.08
0313	0.78	1.1	0.32
0315	0.59	0.59	0

RESOURCES

Online

- <https://www.energy.gov/em/moab/moab-umtra-homepage>
- <https://www.grandcountyutah.net/257/Moab-UMTRA-Project>
- <https://www.grandcountyutah.net/206/Moab-Tailings-Project-Site-Futures-Commi>
- Moab UMTRA Project Five-Year Site Plan FY's 2022-2026 (DOE): <https://www.gjem.energy.gov/documents/Five-YearSitePlan22.pdf>
- Moab UMTRA Project Surface Water and Groundwater Project Documents <https://www.energy.gov/em/moab/surface-water-and-groundwater>
- **Public meetings**
- *Moab Tailings Project Steering Committee, quarterly (October 27)*
- *Site Futures Committee: 2013, 2018, and 2023*
- **UMTRA Reading Room (Library)**
- **Contact Grand County's UMTRA Liaison at**
jthacker@grandcountyutah.gov

The background features abstract, overlapping geometric shapes in various shades of blue, ranging from light sky blue to deep navy blue, creating a modern, layered effect.

QUESTIONS?