

**MONTHLY PROGRESS REPORT #352
FOR JULY 2026**

EPA REGION I ADMINISTRATIVE ORDERS SDWA 1-97-1019 and 1-2000-0014

**JOINT BASE CAPE COD (JBCC)
TRAINING RANGE AND IMPACT AREA**

The following summary of progress is for the period from 01 to 31 July 2026.

1. SUMMARY OF REMEDIATION ACTIONS

Remediation Actions (RA) Underway at Camp Edwards as of 31 July 2026:

Demolition Area 1 Comprehensive Groundwater RA

The Demolition Area 1 Comprehensive Groundwater RA consists of the removal and treatment of contaminated groundwater to control further migration of explosives compounds and perchlorate. The extraction, treatment, and recharge (ETR) system at Base Boundary includes an extraction well, an ex-situ treatment process to remove explosives compounds and perchlorate from the groundwater, and an infiltration gallery to return treated water to the aquifer.

The Base Boundary Mobile Treatment Unit (MTU) continues to operate at a flow rate of 65 gpm. As of 31 July 2026, over 473.8 million gallons of water were treated. The following Base Boundary system shutdowns occurred in the reporting period:

- 1320 on 05 July 2026 due to a “VFD Fault” alarm and was restarted at 0824 on 06 July 2026.

The Frank Perkins Treatment Facility was turned off on 30 September 2025 due to a government shutdown (formerly operated at a flow rate of 125 gpm). Regulatory approval to leave the system (EW-04) off was received in accordance with the Final 2025 Demolition Area 1 Environmental Monitoring Report dated April 2026. Over 3.185 billion gallons of water were treated during the RA.

The Leading-Edge System was turned off with regulatory approval on 19 August 2025 (formerly operated at a flow rate of 125 gpm). Over 481.6 million gallons of water were treated during the RA.

The Pew Road MTU was turned off with regulatory approval on 08 March 2021 (formerly operated at a flow rate of 65 gpm). Over 672.9 million gallons of water were treated during the RA.

J-2 Range Groundwater RA

Northern

The J-2 Range Northern Treatment facility consists of removal and treatment of contaminated groundwater to control further migration of explosives compounds and perchlorate. The extraction, treatment, and re-infiltration (ETR) system includes three extraction wells, an ex-situ treatment process to remove explosives compounds and perchlorate from the groundwater, and infiltration galleries to return treated water to the aquifer.

The Northern MTUs E and F continue to operate at a combined flow rate of 250 gpm. As of 31 July 2026, over 2.479 billion gallons of water have been treated and re-injected. The following MTU E and F system shutdowns occurred in the reporting period:

- 0305 on 30 July 2026 Unit E tripped due to a “VFD Fault alarm and was restarted at 0755 on 30 July 2026.

The Northern Treatment Building G continues to operate at a flow rate of 250 gpm with over 1.894 billion gallons of water treated as of 31 July 2026. No MTU G system shutdowns occurred in the reporting period:

Eastern

The J-2 Range Eastern Treatment system consists of removal and treatment of groundwater to minimize downgradient migration of explosives compounds and perchlorate. The ETR system includes the following components: two extraction wells, an ex-situ treatment process consisting of an ion exchange (IX) resin and granular activated carbon (GAC) media to treat perchlorate and explosives compounds, and two infiltration galleries. The flow rate at MTU J was reduced from 120 gpm to 90 gpm and MTU K was turned off with regulatory approval on 28 October 2025. The J-2 Range Eastern system has been running at a combined total flow rate of 340 gpm.

The MTUs H and I continue to operate at a combined flow rate of 250 gpm. As of 31 July 2026, over 2.081 billion gallons of water have been treated. No MTU H and I shutdowns occurred in the reporting period.

MTU J continues to operate at a flow rate of 90 gpm with over 974.3 million gallons of water treated as of 31 July 2026. No MTU J shutdowns occurred in the reporting period.

MTU K was turned off with regulatory approval on 28 October 2025. (formerly operated at a flow rate of 125 gpm). Over 1.086 billion gallons of water were treated during the RA.

J-3 Range Groundwater RA

The J-3 Range Groundwater RA consists of removal and treatment of contaminated groundwater to control further migration of explosives compounds and perchlorate. The ETR system includes four extraction wells, an ex-situ treatment process to remove explosives compounds and perchlorate from the groundwater and utilizes the existing Fuel Spill-12 (FS-12) injection wells to return treated water to the aquifer.

The J-3 system is currently operating at a flow rate of 255 gpm. As of 31 July 2026, over 2.104 billion gallons of water have been treated. The following J-3 system shutdowns occurred in the reporting period:

- 1640 on 01 July 2026 due to FS-12 being turned off for an energy curtailment and was restarted at 0758 on 02 July 2026.
- 1637 on 02 July 2026 due to FS-12 being turned off for an energy curtailment and was restarted at 0738 on 06 July 2026.
- 0449 on 08 July 2026 due to FS-12 being off and was restarted at 0713 on 08 July 2026.
- 1640 on 14 July 2026 due to FS-12 being turned off for an energy curtailment and was restarted at 0739 on 15 July 2026.

J-1 Range Groundwater RA

Southern

The J-1 Range Southern Groundwater RA consists of removal and treatment of contaminated groundwater to control further migration of explosives compounds. The ETR system includes one extraction well, an ex-situ treatment process to remove explosives compounds from the groundwater, and an infiltration gallery to return treated water to the aquifer.

The Southern MTU has been optimized as part of the ESPM program at J-1 Range Southern. The on-base extraction well J1SEW0001 was turned off with regulatory approval on 28 February 2017 (formerly operated at a flow of 35 gpm), and flow was increased from 90 gpm to 125 gpm at the Leading-Edge extraction well J1SEW0002.

The system continues to operate at a flow rate of 125 gpm. As of 31 July 2026, over 914.8 million gallons of water have been treated and re-injected. The following shutdowns occurred in the reporting period:

- 2134 on 07 July 2026 due to a “VFD Fault” alarm and was restarted at 0653 on 08 July 2026.

Northern

The J-1 Range Northern Groundwater RA consists of removal and treatment of contaminated groundwater to control further migration of explosives compounds and perchlorate. The ETR system includes two extraction wells, an ex-situ treatment process to remove explosives compounds and perchlorate from the groundwater, and an infiltration gallery to return treated water to the aquifer.

- The Northern MTU continues to operate at a total system flow rate of 250 gpm. The flow rates for the two extraction wells at J-1 Northern were modified on 28 October 2024 based on regulatory agency concurrence with the J-1 Range Northern Data Presentation for January 2023 to December 2023. The flow rate at J1NEW0001 was reduced from 125 gpm to 85 gpm and the flow rate at J1NEW0002 was increased from 125 gpm to 165 gpm. The flow rate at J1NEW0001 was increased from 85 gpm to 105 gpm and the flow rate at J1NEW0002 was reduced from 165 to 145 gpm on 14 April 2026 due to an overtemp alarm at J1NEW0002. The system will continue running at a combined flow rate of 250 gpm with J2NEW0001 running at 105 gpm and J1NEW0002 running at 145 gpm until further notice.

As of 31 July 2026, over 1.637 billion gallons of water have been treated and re-injected. The following J-1 Range Northern MTU shutdowns occurred in the reporting period:

- 1005 on 16 July 2026 EW0002 tripped due to a “VFD Fault” alarm and was restarted at 1238 on 16 July 2026.

Central Impact Area RA

The Central Impact Area (CIA) Groundwater treatment system consists of removal and treatment of groundwater to minimize downgradient migration of explosives compounds and perchlorate. The ETR system includes the following components: three extraction wells, an ex-situ treatment process consisting of an ion exchange resin and granular activated carbon media to treat explosives compounds, and three infiltration galleries to return treated water to the aquifer. CIA systems 1, 2 and 3 continue to run at a total flow rate of 750 gpm. As of 31 July 2026, over 4.435 billion gallons of water have been treated. The following CIA shutdowns occurred in the reporting period:

- 1005 on 15 July 2026 CIA-1 was turned off for a carbon exchange on 16 July 2026. CFS was onsite to perform the carbon exchange on 16 July 2026 and the system was restarted at 0732 on 17 July 2026.
- 1619 on 17 July 2026 CIA-1 tripped without an alarm and was restarted at 0735 on 20 July 2026.
- 1515 on 27 July 2026 CIA-1 tripped due to a "Floor Sump" alarm due to a broken camlock on the GAC #6 influent line. A new camlock and hose were installed, and CIA-1 was restarted at 0840 on 28 July 2026.

2. SUMMARY OF ACTIONS TAKEN**Operable Unit (OU) Activity as of 31 July 2026:**CIA

- Source Area Investigation
 - Conducted routine visual inspections of the consolidated shot structure (CSS) cover and surface area around the perimeter of the CSS.

Demolition Area 1

- No activity

Demolition Area 2

- No activity

J-1 Range

- No activity

J-2 Range

- Groundwater sampling within the J-2 Range Eastern SPM Program

J-3 Range

- Hydraulic monitoring event within the J-3 Range SPM Program
- Groundwater sampling within the J-3 Range SPM Program

L Range

- No activity

Small Arms Ranges

- No activity

Training Areas

- No activity

Impact Area Roads

- No activity

Sierra Range

- No activity

Other

- Collected process water samples from Central Impact Area, Demolition Area 1, J-1 Range Northern, J-1 Range Southern, J-2 Range Eastern, J-2 Range Northern, and J-3 Range treatment systems.

JBCC Impact Area Groundwater Study Program (IAGWSP) Tech Update Meeting Minutes for 16 July 2026

In lieu of the IAGWSP Tech meeting, project updates were provided via email on 16 July 2026.

Project and Fieldwork Update**GROUNDWATER:**

- The J-1 South semiannual SPM event was completed on 6/17/26.
- The J-1 North semiannual SPM event was completed on 6/24/26.
- The J-3 Semiannual SPM event began on 6/30/26 and is expected for be completed by the end of July.
- Next will be the J2 East annual event; expected to begin in late July or August.

OPERATIONS AND MAINTENANCE:

- July O&M sampling was completed on 7/9/26 and results are pending.
- June O&M sampling was completed on 6/4/26, and midfluent results show:
 - Perchlorate at a concentration equal to the 0.35 µg/ actional level (AL) at CIA-2, where IX was changed out on 6/5/26 (one day after sampling) based on prior results.
 - RDX above the 0.25 µg/L AL at a concentration of 0.26 µg/L at CIA-1, where a carbon changeout is scheduled for 7/16/26 based on the prior results.
 - All other June O&M midfluent sample results were below respective ALs.
- All the active systems are currently running (as of COB Tuesday, 7/14/26).

CENTRAL IMPACT AREA UPDATE:

- The Source Removal Fieldwork kickoff is planned for August.

Document and Project Tracking

An updated document tracking list/presentation schedule was attached to the email sent on 16 July 2026.

Next Tech Meeting: August 6, 2026**JBCC Cleanup Team Meeting**

The next JBCC Cleanup Team (JBCCCT) meeting will be held on 16 September 2026. Meeting details and presentation materials from previous meetings can be found on the IAGWSP web site at <http://jbcc-iagwsp.org/community/impact/presentations/>. The Cleanup Team meeting discusses late breaking news and responses to action items, as well as updates from the IAGWSP and the Installation Restoration Program (IRP). The JBCCCT meetings provide a forum for community input regarding issues related to both the IRP and the IAGWSP.

3. SUMMARY OF DATA RECEIVED

Table 1 summarizes sampling for all media from 01 to 31 July 2026. Table 2 summarizes the validated detections of explosives compounds and perchlorate for all groundwater results received from 01 to 31 July 2026. These results are compared to the Maximum Contaminant Levels/Health Advisory (MCL/HA) values for respective analytes. Explosives and perchlorate are the primary contaminants of concern (COC) at Camp Edwards. Table 3 summarizes the validated detections of per- and polyfluoroalkyl substances (PFAS) for influent and groundwater results analyzed by EPA draft Method 1633 and received from 01 to 31 July 2026. Table 3 PFAS results are compared to the Regional Screening Levels (RSLs) published by EPA in November 2023. No PFAS validation was completed during July 2026, therefore, Table 3 is not included.

The operable units (OUs) under investigation and cleanup at Camp Edwards are the Central Impact Area, Demolition Area 1, Demolition Area 2, J-1 Range, J-2 Range, J-3 Range, L Range, and Small Arms Ranges. Environmental monitoring reports for each OU are generated each year to evaluate the current year groundwater results. These reports are available on the site Environmental Data Management System (EDMS) and at the project document repository (IAGWSP office).

4. SUBMITTED DELIVERABLES

Deliverables submitted during the reporting period include the following:

- | | |
|--|--------------|
| • Draft Final UFP – QAPP, JBCC | 18 July 2026 |
| • Final J-1 Range Southern EMR for January 2024 through January 2025 | 24 July 2026 |
| • Final J-2 Range Eastern EMR for November 2024 through October 2025 | 24 July 2026 |
| • Response to Comments on the Draft L Range Demonstration of Compliance Report | 31 July 2026 |

5. SCHEDULED ACTIONS

The following actions and/or documents are being prepared in August 2026.

- Final J-3 Range EMR for September 2023 through August 2024
- Draft J-3 Range EMR for September 2024 through August 2025
- Response to Comments on the Draft J-1 Range Northern EMR for January 2024 through December 2024
- Draft Monitoring Well Abandonment Memorandum
- Response to Comments on the QAPP Update

TABLE 1
Sampling Progress: 01 to 31 July 2026

Area Of Concern	Location	Field Sample ID	Sample Type	Date Sampled	Matrix	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)
J3 Range	J3EWIP2	J3EWIP2_F26	N	07/28/2026	Process Water	150.50	170.50
J3 Range	J3EWIP2	J3EWIP2_F26D	FD	07/28/2026	Process Water	150.50	170.50
J3 Range	J3EWIP1	J3EWIP1_F26	N	07/28/2026	Process Water	153.00	193.00
J3 Range	J3EW0032	J3EW0032_F26	N	07/28/2026	Process Water	102.00	152.00
J3 Range	90EW0001	90EW0001_F26	N	07/28/2026	Process Water	83.10	143.80
J3 Range	90PLT01006	90PLT01006_F26	N	07/28/2026	Process Water	0.00	0.00
J3 Range	MW-295M1	MW-295M1_F26	N	07/27/2026	Ground Water	145.00	155.00
J3 Range	MW-197M3	MW-197M3_F26	N	07/27/2026	Ground Water	60.20	65.20
J3 Range	MW-197M2	MW-197M2_F26	N	07/27/2026	Ground Water	80.20	85.20
J3 Range	MW-197M1	MW-197M1_F26	N	07/27/2026	Ground Water	120.00	125.00
J3 Range	MW-701M2	MW-701M2_F26	N	07/22/2026	Ground Water	147.50	157.50
J3 Range	MW-701M1	MW-701M1_F26	N	07/22/2026	Ground Water	177.00	187.00
J3 Range	MW-227M2	MW-227M2_F26	N	07/22/2026	Ground Water	110.00	120.00
J3 Range	MW-143M3	MW-143M3_F26	N	07/21/2026	Ground Water	107.00	112.00
J3 Range	MW-143M2	MW-143M2_F26	N	07/21/2026	Ground Water	117.00	122.00
J3 Range	MW-143M1	MW-143M1_F26	N	07/21/2026	Ground Water	144.00	154.00
J1 Range Southern	J1S-EFF	J1S-EFF-224A	N	07/20/2026	Process Water	0.00	0.00
J1 Range Southern	J1S-MID	J1S-MID-224A	N	07/20/2026	Process Water	0.00	0.00
J1 Range Southern	J1S-INF-2	J1S-INF-2-224A	N	07/20/2026	Process Water	0.00	0.00
J3 Range	MW-144M2	MW-144M2_F26	N	07/20/2026	Ground Water	130.00	140.00
J3 Range	MW-142M2	MW-142M2_F26	N	07/20/2026	Ground Water	140.00	150.00
Demolition Area 1	D1-EFF	D1-EFF-192A	N	07/20/2026	Process Water	0.00	0.00
Demolition Area 1	D1-MID-2	D1-MID-2-192A	N	07/20/2026	Process Water	0.00	0.00
Demolition Area 1	D1-MID-1	D1-MID-1-192A	N	07/20/2026	Process Water	0.00	0.00
Demolition Area 1	D1-INF	D1-INF-192A	N	07/20/2026	Process Water	0.00	0.00
J3 Range	MW-155M1	MW-155M1_F26	N	07/20/2026	Ground Water	124.00	134.00
J3 Range	J3-EFF	J3-EFF-238A	N	07/20/2026	Process Water	0.00	0.00
J3 Range	J3-MID-2	J3-MID-2-238A	N	07/20/2026	Process Water	0.00	0.00

N = Normal Sample
FD = Field Duplicate

TABLE 1
Sampling Progress: 01 to 31 July 2026

Area Of Concern	Location	Field Sample ID	Sample Type	Date Sampled	Matrix	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)
J3 Range	J3-MID-1	J3-MID-1-238A	N	07/20/2026	Process Water	0.00	0.00
J3 Range	J3-INF	J3-INF-238A	N	07/20/2026	Process Water	0.00	0.00
J3 Range	MW-653M2	MW-653M2_F26	MS	07/16/2026	Ground Water	59.30	69.30
J3 Range	MW-653M2	MW-653M2_F26	N	07/16/2026	Ground Water	59.30	69.30
J3 Range	MW-653M2	MW-653M2_F26	SD	07/16/2026	Ground Water	59.30	69.30
J3 Range	MW-653M1	MW-653M1_F26	N	07/16/2026	Ground Water	147.50	157.50
J2 Range Eastern	J2E-EFF-J	J2E-EFF-J-214A	N	07/16/2026	Process Water	0.00	0.00
J2 Range Eastern	J2E-MID-2J	J2E-MID-2J-214A	N	07/16/2026	Process Water	0.00	0.00
J2 Range Eastern	J2E-MID-1J	J2E-MID-1J-214A	N	07/16/2026	Process Water	0.00	0.00
J2 Range Eastern	J2E-INF-J	J2E-INF-J-214A	N	07/16/2026	Process Water	0.00	0.00
J3 Range	MW-232M2	MW-232M2_F26	N	07/16/2026	Ground Water	61.00	66.00
J2 Range Eastern	J2E-MID-2H	J2E-MID-2H-214A	N	07/16/2026	Process Water	0.00	0.00
J2 Range Eastern	J2E-MID-1H	J2E-MID-1H-214A	N	07/16/2026	Process Water	0.00	0.00
J2 Range Eastern	J2E-EFF-IH	J2E-EFF-IH-214A	N	07/16/2026	Process Water	0.00	0.00
J2 Range Eastern	J2E-MID-2I	J2E-MID-2I-214A	N	07/16/2026	Process Water	0.00	0.00
J2 Range Eastern	J2E-MID-1I	J2E-MID-1I-214A	N	07/16/2026	Process Water	0.00	0.00
J2 Range Eastern	J2E-INF-I	J2E-INF-I-214A	N	07/16/2026	Process Water	0.00	0.00
J3 Range	MW-232M1	MW-232M1_F26	N	07/16/2026	Ground Water	77.50	82.50
J3 Range	MW-232M1	MW-232M1_F26D	FD	07/16/2026	Ground Water	77.50	82.50
J3 Range	MW-636M1	MW-636M1_F26	N	07/15/2026	Ground Water	141.60	151.60
J3 Range	MW-250M3	MW-250M3_F26	N	07/15/2026	Ground Water	95.00	105.00
J3 Range	MW-250M2	MW-250M2_F26	MS	07/15/2026	Ground Water	145.00	155.00
J3 Range	MW-250M2	MW-250M2_F26	N	07/15/2026	Ground Water	145.00	155.00
J3 Range	MW-250M2	MW-250M2_F26	SD	07/15/2026	Ground Water	145.00	155.00
J3 Range	MW-157M1	MW-157M1_F26	N	07/15/2026	Ground Water	154.00	164.00
J3 Range	MW-361M3	MW-361M3_F26	N	07/14/2026	Ground Water	59.87	69.87
J3 Range	MW-361M2	MW-361M2_F26	N	07/14/2026	Ground Water	104.09	114.09
J3 Range	MW-361M2	MW-361M2_F26D	FD	07/14/2026	Ground Water	104.09	114.09

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TABLE 1
Sampling Progress: 01 to 31 July 2026

Area Of Concern	Location	Field Sample ID	Sample Type	Date Sampled	Matrix	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)
J3 Range	MW-361M1	MW-361M1_F26	N	07/14/2026	Ground Water	134.03	144.03
J3 Range	MW-637M2	MW-637M2_F26	N	07/14/2026	Ground Water	214.10	224.10
J3 Range	MW-247M3	MW-247M3_F26	N	07/13/2026	Ground Water	95.00	105.00
J3 Range	MW-247M2	MW-247M2_F26	N	07/13/2026	Ground Water	125.00	135.00
J3 Range	90MW0054	90MW0054_F26	N	07/13/2026	Ground Water	107.00	112.00
J3 Range	90MW0054	90MW0054_F26D	FD	07/13/2026	Ground Water	107.00	112.00
J3 Range	90MP0059B	90MP0059B_F26	N	07/13/2026	Ground Water	116.40	118.90
J3 Range	MW-576M2	MW-576M2_F26	N	07/07/2026	Ground Water	133.90	143.90
J3 Range	MW-576M1	MW-576M1_F26	N	07/07/2026	Ground Water	173.90	183.90
Central Impact Area	CIA2-EFF	CIA2-EFF-150A	N	07/07/2026	Process Water	0.00	0.00
Central Impact Area	CIA2-MID2	CIA2-MID2-150A	N	07/07/2026	Process Water	0.00	0.00
Central Impact Area	CIA2-MID1	CIA2-MID1-150A	N	07/07/2026	Process Water	0.00	0.00
Central Impact Area	CIA2-INF	CIA2-INF-150A	N	07/07/2026	Process Water	0.00	0.00
Central Impact Area	CIA1-EFF	CIA1-EFF-150A	N	07/07/2026	Process Water	0.00	0.00
Central Impact Area	CIA1-MID2	CIA1-MID2-150A	N	07/07/2026	Process Water	0.00	0.00
J3 Range	J3-MW-1-B	J3-MW-1-B_F26	N	07/07/2026	Ground Water	175.61	185.61
Central Impact Area	CIA1-MID1	CIA1-MID1-150A	N	07/07/2026	Process Water	0.00	0.00
Central Impact Area	CIA1-INF	CIA1-INF-150A	N	07/07/2026	Process Water	0.00	0.00
J3 Range	J3-MW-1-C	J3-MW-1-C_F26	N	07/07/2026	Ground Water	203.61	213.61
Central Impact Area	CIA3-EFF	CIA3-EFF-121A	N	07/07/2026	Process Water	0.00	0.00
Central Impact Area	CIA3-MID2	CIA3-MID2-121A	N	07/07/2026	Process Water	0.00	0.00
Central Impact Area	CIA3-MID1	CIA3-MID1-121A	N	07/07/2026	Process Water	0.00	0.00
Central Impact Area	CIA3-INF	CIA3-INF-121A	N	07/07/2026	Process Water	0.00	0.00
J2 Range Northern	J2N-EFF-G	J2N-EFF-G-238A	N	07/06/2026	Process Water	0.00	0.00
J2 Range Northern	J2N-MID-1G	J2N-MID-1G-238A	N	07/06/2026	Process Water	0.00	0.00
J2 Range Northern	J2N-INF-G	J2N-INF-G-238A	N	07/06/2026	Process Water	0.00	0.00
J2 Range Northern	J2N-MID-2F	J2N-MID-2F-238A	N	07/06/2026	Process Water	0.00	0.00
J2 Range Northern	J2N-MID-1F	J2N-MID-1F-238A	N	07/06/2026	Process Water	0.00	0.00

N = Normal Sample
FD = Field Duplicate

TABLE 1
Sampling Progress: 01 to 31 July 2026

Area Of Concern	Location	Field Sample ID	Sample Type	Date Sampled	Matrix	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)
J2 Range Northern	J2N-EFF-EF	J2N-EFF-EF-238A	N	07/06/2026	Process Water	0.00	0.00
J2 Range Northern	J2N-MID-2E	J2N-MID-2E-238A	N	07/06/2026	Process Water	0.00	0.00
J2 Range Northern	J2N-MID-1E	J2N-MID-1E-238A	N	07/06/2026	Process Water	0.00	0.00
J3 Range	MW-343M2	MW-343M2_F26	N	07/06/2026	Ground Water	166.80	171.80
J2 Range Northern	J2N-INF-EF	J2N-INF-EF-238A	N	07/06/2026	Process Water	0.00	0.00
J1 Range Northern	J1N-EFF	J1N-EFF-153A	N	07/06/2026	Process Water	0.00	0.00
J3 Range	MW-343M1	MW-343M1_F26	N	07/06/2026	Ground Water	214.80	224.80
J1 Range Northern	J1N-MID2	J1N-MID2-153A	N	07/06/2026	Process Water	0.00	0.00
J1 Range Northern	J1N-MID1	J1N-MID1-153A	N	07/06/2026	Process Water	0.00	0.00
J1 Range Northern	J1N-INF2	J1N-INF2-153A	N	07/06/2026	Process Water	0.00	0.00
J3 Range	MW-329M2	MW-329M2_F26	N	07/06/2026	Ground Water	150.05	160.05
J3 Range	MW-329M1	MW-329M1_F26	N	07/06/2026	Ground Water	179.96	189.96

N = Normal Sample
FD = Field Duplicate

TABLE 2
VALIDATED EXPLOSIVE AND PERCHLORATE RESULTS
Data Received 01 to 31 July 2026

Area of Concern	Location ID	Field Sample ID	Top Depth (ft bgs)	Bottom Depth (ft bgs)	Date Sampled	Test Method	Analyte	Result Value	Qualifier	Units	RC	> RC	MDL	RL
J1 Range Northern	MW-567M1	MW-567M1_S26	215.50	225.50	06/24/2026	SW6850	Perchlorate	0.23		µg/L	2.0		0.10	0.20
J1 Range Northern	MW-245M2	MW-245M2_S26	204.00	214.00	06/24/2026	SW6850	Perchlorate	1.9		µg/L	2.0		0.10	0.20
J1 Range Northern	MW-245M2	MW-245M2_S26	204.00	214.00	06/24/2026	SW8330B	Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX)	15.0		µg/L	0.97	X	0.51	1.0
J1 Range Northern	MW-245M2	MW-245M2_S26	204.00	214.00	06/24/2026	SW8330B	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX)	8.3		µg/L	400		0.095	0.21
J1 Range Northern	MW-245M2	MW-245M2_S26D	204.00	214.00	06/24/2026	SW6850	Perchlorate	2.0		µg/L	2.0		0.10	0.20
J1 Range Northern	MW-245M2	MW-245M2_S26D	204.00	214.00	06/24/2026	SW8330B	Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX)	14.0		µg/L	0.97	X	0.52	1.1
J1 Range Northern	MW-245M2	MW-245M2_S26D	204.00	214.00	06/24/2026	SW8330B	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX)	8.3		µg/L	400		0.098	0.21
J1 Range Northern	MW-590M2	MW-590M2_S26	238.00	248.00	06/23/2026	SW6850	Perchlorate	1.8		µg/L	2.0		0.10	0.20
J1 Range Northern	MW-590M2	MW-590M2_S26D	238.00	248.00	06/23/2026	SW6850	Perchlorate	1.8		µg/L	2.0		0.10	0.20
J1 Range Northern	MW-590M1	MW-590M1_S26	258.00	268.00	06/23/2026	SW6850	Perchlorate	0.11	J	µg/L	2.0		0.10	0.20
J1 Range Northern	MW-584M2	MW-584M2_S26	228.00	238.00	06/23/2026	SW6850	Perchlorate	0.12	J	µg/L	2.0		0.10	0.20
J1 Range Northern	MW-584M1	MW-584M1_S26	248.00	258.00	06/23/2026	SW6850	Perchlorate	0.58		µg/L	2.0		0.10	0.20
J1 Range Northern	MW-401M3	MW-401M3_S26	228.50	238.50	06/22/2026	SW6850	Perchlorate	0.13	J	µg/L	2.0		0.10	0.20
J1 Range Northern	MW-430M2	MW-430M2_S26	188.41	198.41	06/22/2026	SW6850	Perchlorate	0.13	J	µg/L	2.0		0.10	0.20
J1 Range Northern	MW-540M1	MW-540M1_S26	258.00	268.00	06/22/2026	SW6850	Perchlorate	0.11	J	µg/L	2.0		0.10	0.20
J1 Range Northern	MW-689M1	MW-689M1_S26	253.50	263.50	06/18/2026	SW6850	Perchlorate	1.6		µg/L	2.0		0.10	0.20
J1 Range Southern	MW-721M1	MW-721M1_S26	168.10	178.10	06/16/2026	SW8330B	Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX)	0.53		µg/L	0.97		0.10	0.21
J1 Range Northern	MW-547M1	MW-547M1_S26	237.00	247.00	06/11/2026	SW6850	Perchlorate	1.7		µg/L	2.0		0.10	0.20
J1 Range Northern	MW-549M1	MW-549M1_S26	227.40	237.40	06/11/2026	SW6850	Perchlorate	0.29		µg/L	2.0		0.10	0.20
J1 Range Northern	MW-303M2	MW-303M2_S26	235.09	245.10	06/11/2026	SW8330B	Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX)	0.59		µg/L	0.97		0.11	0.22
J1 Range Northern	MW-303M2	MW-303M2_S26	235.09	245.10	06/11/2026	SW8330B	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX)	1.5		µg/L	400		0.099	0.22
J1 Range Northern	MW-566M1	MW-566M1_S26	232.00	242.00	06/09/2026	SW6850	Perchlorate	0.65		µg/L	2.0		0.10	0.20
J1 Range Southern	MW-524M1	MW-524M1_S26	148.00	158.00	06/04/2026	SW8330B	Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX)	1.4		µg/L	0.97	X	0.11	0.22
J1 Range Southern	MW-524M1	MW-524M1_S26	148.00	158.00	06/04/2026	SW8330B	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX)	0.36		µg/L	400		0.10	0.22
J1 Range Southern	MW-524M1	MW-524M1_S26D	148.00	158.00	06/04/2026	SW8330B	Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX)	1.4		µg/L	0.97	X	0.11	0.22
J1 Range Southern	MW-524M1	MW-524M1_S26D	148.00	158.00	06/04/2026	SW8330B	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX)	0.35		µg/L	400		0.10	0.22
J1 Range Southern	MW-733M1	MW-733M1_S26	212.00	222.00	06/04/2026	SW8330B	Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX)	0.73		µg/L	0.97		0.11	0.23
J1 Range Southern	MW-591M1	MW-591M1_S26	200.00	210.00	06/02/2026	SW8330B	Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX)	0.51		µg/L	0.97		0.10	0.21

J = Estimated Result
MDL = Method Detection Limit
RL = Reporting Limit
ND = Non-Detect

RC= Regulatory Criteria (MCL,HA,MMCL,RL)

TABLE 2
VALIDATED EXPLOSIVE AND PERCHLORATE RESULTS
Data Received 01 to 31 July 2026

Area of Concern	Location ID	Field Sample ID	Top Depth (ft bgs)	Bottom Depth (ft bgs)	Date Sampled	Test Method	Analyte	Result Value	Qualifier	Units	RC	> RC	MDL	RL
J1 Range Southern	MW-669M1	MW-669M1_S26	223.70	233.70	06/01/2026	SW8330B	Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX)	0.30	J	µg/L	0.97		0.11	0.22
J1 Range Southern	MW-669M1	MW-669M1_S26D	223.70	233.70	06/01/2026	SW8330B	Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX)	0.34		µg/L	0.97		0.11	0.22

J = Estimated Result
MDL = Method Detection Limit
RL = Reporting Limit
ND = Non-Detect

RC= Regulatory Criteria (MCL,HA,MMCL,RL)