

**MONTHLY PROGRESS REPORT #354
FOR SEPTEMBER 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 30 September 2026.

1. SUMMARY OF REMEDIATION ACTIONS

Remediation Actions (RA) Underway at Camp Edwards as of 25 September 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 currently 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 25 September 2026, over 479.0 million gallons of water were treated. The following Base Boundary system shutdowns occurred in the reporting period:

- 1342 on 07 September 2026 due to a power interruption and was restarted at 0652 on 08 September 2026.

The Frank Perkins Treatment Facility was turned off on 30 September 2025 (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 currently includes two extraction wells, an ex-situ treatment process to remove explosives compounds and perchlorate from the groundwater, and two 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 25 September 2026, over 2.498 billion gallons of water have been treated and re-injected. The following MTU E and F system shutdowns occurred in the reporting period:

- 1629 on 25 September 2026 at Unit E due to a VFD Fault and was restarted at 0848 on 28 September 2026.

The Northern Treatment Building G was turned off with regulatory approval on 31 August 2026. Over 1.903 billion gallons of water were treated during the RA.

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 currently includes 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 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 25 September 2026, over 2.101 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 984.0 million gallons of water treated as of 25 September 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 currently 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 25 September 2026, over 2.120 billion gallons of water have been treated. The following J-3 system shutdowns occurred in the reporting period:

- 1510 on 26 September 2026 due to FS-12 being down and was restarted at 1352 on 28 September 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 currently 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 25 September 2026, over 924.8 million gallons of water have been treated and re-injected. The following shutdowns occurred in the reporting period:

- 0900 on 24 September 2026 EW0002 was turned off to run EW0001 for sampling. EW0001 was operated at 75 gpm between 0900 and 0951. At 0951 on 24 September 2026, after the samples were collected, EW0001 was turned off. EW0002 was restarted at 0951 on 24 September 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 currently 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 EW0002 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 25 September 2026, over 1.648 billion gallons of water have been treated and re-injected. The following J-1 Range Northern MTU shutdowns occurred in the reporting period:

- 1104 on 21 August 2026 the system was turned off due to a leak on the influent line. A crack was identified in the tee fitting before the IX#1 vessel. A new tee fitting, elbow, and section of 4-inch schedule 80 pipe were installed between the bag filter housing in the IX #1 vessel on 10 September 2026. Following this, one of the couplings continued to leak. A new section of 4-inch pipe and two new couplings were installed on 16 September 2026. The system was restarted at 0835 on 17 September 2026.
- 0842 on 21 September 2026 due to a leak on the bag filter drain port. The drainport was resealed, and the system was restarted at 0852 on 21 September 2026.
- 1832 on 28 September 2026 due to a power outage from a blown fuse on the powerline on Wood Rd. The fuse is scheduled to be replaced on 05 October 2026. BETCO and Fernandes Line Construction will be onsite on 05 October 2026 to perform the repair.

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 currently 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 25 September 2026, over 4.494 billion gallons of water have been treated. The following CIA shutdowns occurred in the reporting period:

- 0930 on 22 September 2026 CIA-2 was turned off to drain GAC #2 and #5 for a carbon exchange on 25 September 2026. CFS performed the carbon exchange on 25 September 2026. A new flange was installed on the IX #1 vessel, a new camlock was installed on the GAC #5 vessel, and the fresh carbon was wetted and allowed time to soak. CIA-2 was restarted at 0725 on 28 September 2026.

2. SUMMARY OF ACTIONS TAKEN

Operable Unit (OU) Activity as of 25 September 2026:

CIA

- Source Area Investigation
 - The Source Area Investigation contractor field team mobilized, conducted onsite training, received and inventoried equipment, and marked out survey units for surface clearance.
 - Conducted quality checks of detectors at the ITS and RTK GPS unit.
 - Conducted daily routine visual inspections of the consolidated shot structure (CSS) cover and surface area around the perimeter of the CSS.
 - Conducted daily checks for box turtles.
 - Performed MEC inventory at the consolidated laydown area.
 - The Source Area Investigation contractor field team completed surface clearance (8.705 total as of 02 October 2026) and of vegetation clearance.

Demolition Area 1

- No activity

Demolition Area 2

- No activity

J-1 Range

- Groundwater sampling within the J-1 Range Southern SPM program.

J-2 Range

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

J-3 Range

- No activity.

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 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**Project and Fieldwork Update**

Darrin Smith (USACE) provided the project and fieldwork update. The J-2 East annual System Performance Monitoring (SPM) event was completed on August 25th. The J-2 North annual SPM event began on September 1st and is expected to run through mid-September. Following that, the J-1 South annual event, including the biannual wells, will begin and is expected to last for a couple of weeks.

Mr. Smith (USACE) reported that the September Operations & Maintenance (O&M) sampling was completed on September 3rd, and results are pending. Based on the July and August O&M sampling results, a granular activated carbon (GAC) changeout is scheduled for September 23rd at CIA-2, where RDX was reported at concentrations of 0.25 and 0.26 micrograms per liter (ug/L) in samples collected from the mid-fluid port. All of the July and August mid-flow and effluent O&M sampling results were below the action levels.

Mr. Smith (USACE) stated that J-2 North System G was turned off on August 31st in accordance with the 2025 J-2 North Environmental Monitoring Report (EMR) recommendations. The J-1 North system is off due to a leak in the influent line. Mr. Smith (USACE) explained that the PVC pipe cracked entering the ion exchange vessel, and the custom fittings were needed. Mr. Smith (USACE) reported that those fittings and piping were being replaced today, September 10th, and he expects the system to be back online tomorrow. Jeff Dvorak (USACE) stated that Dawson crews have been mobilized and equipment will be delivered next week. Mr. Dvorak (USACE) noted that a figure with the proposed ten acres for source removal had been revised and sent to the agencies prior to the Tech meeting. Mr. Dvorak (USACE) displayed the figure and reviewed the changes that were made (i.e. explosive

weight per quarter acre grid and added grid lines for the acreage). He noted that all previous agency comments were addressed. Len Pinaud (MassDEP) replied that he had no additional comments on the figure at this time and suggested a separate meeting to address any other comments the agencies might have. Bob Lim (EPA) and Mr. Dvorak (USACE) agreed with that approach.

Document and Project Tracking

Mr. Dvorak (USACE) reviewed the tracking list for documents and upcoming presentations.

Monitoring Well Abandonment Report

Mr. Dvorak (USACE) explained that the Monitoring Well Abandonment Report proposed 36 well screens for abandonment, and includes all the information about those specific wells and locations. Before moving forward with the proposal review and acceptance, IAGWSP personnel have been reaching out to different stakeholders, asking if they want to use the wells or take responsibility for future use.

Jodi Lyn Cutler (IAGWSP) reported she reached out to stakeholders, including officials for the towns of Sandwich and Bourne, the Upper Cape Water Supply, AFCEC, Camp Edwards, the different Base commands for Space Force, the Coast Guard, Camp Edwards, the VA Cemetery, USGS, the JBCC director's office, USDA, ASUS, the 102nd, and Len Pinaud (MassDEP) as a representative of the Environmental Management Commission (EMC). She noted that she heard from most of these people and no one has expressed interest in the wells or opposing the abandonments. She noted a reply deadline of September 21st. Ms. Cutler (IAGWSP) asked Mr. Pinaud (MassDEP) if the EMC has any interest in any of the wells. Mr. Pinaud (MassDEP) replied that he and Jessica Crispin (MassDEP) are reviewing the report. He asked Ms. Cutler (IAGWSP) if she had coordinated with Dr. Mike Ciaranca with the Environmental and Readiness Center. Ms. Cutler (IAGWSP) replied that she had, and neither Dr. Ciaranca nor Mr. Alex McDonough had any objections to the well abandonment.

Ms. Crispin (MassDEP) asked if the figure with the wells proposed for abandonment could be updated to denote the monitoring status for the other wells surrounding the wells that are proposed for abandonment. Shawn Cody (IAGWSP) suggested a future meeting with the USACE hydrogeologists. Mr. Pinaud (MassDEP) suggested that USACE's Google Earth application could be a good tool because it provides sampling history. Mr. Dvorak (USACE) confirmed that Ms. Crispin (MassDEP) should be able to access that app, but if she is unable to do so, she can contact him.

Ms. Cutler (IAGWSP) stated the next Joint Base Cape Cod Cleanup Team will be held in person at the Pocasset Village Association Community Building on September 16th. It was noted that there was significant interest in team membership from local citizens, many of whom previously worked on the base.

Mr. Pinaud (MassDEP) stated the EMC is having a meeting on September 23rd at 9:30 AM at the Sandwich Community Building on Quaker Meeting House Road. He noted that the EMC commissioners are going to recognize Dennis LeBlanc at that meeting for his many years of service, and invited everyone to attend. He said he will send the agenda to this group when it is finalized.

Next Tech Meeting: November 12, 2026**JBCC Cleanup Team Meeting**

The last JBCC Cleanup Team (JBCCCT) meeting was 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 next JBCCT meeting has not yet been scheduled. 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 30 September 2026. Table 2 summarizes the validated detections of explosives compounds and perchlorate for all groundwater results received from 01 to 30 September 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 30 September 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 September 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:

- | | |
|--|-------------------|
| • Comment Resolution for the Draft J-2 Range Northern EMR for November 2024 through October 2025 | 17 September 2026 |
| • Response to Comments on the Draft Source Removal Uniform Federal Policy Quality Assurance Project Plan | 25 September 2026 |

5. SCHEDULED ACTIONS

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

- Draft J-3 Range EMR for September 2024 through August 2025
- Draft Monitoring Well Abandonment Memorandum
- Draft Demolition Area 1 EMR for July 2025 through June 2026
- Draft Central Impact Area EMR for July 2025 through June 2026
- Draft J-1 Range Southern EMR for January 2025 through December 2025
- Final IAGWSP Uniform Federal Policy Quality Assurance Project Plan
- Final Source Removal Uniform Federal Policy Quality Assurance Project Plan
- Final J-2 Range Northern EMR for November 2024 through October 2025
- Final J-1 Range Northern EMR for January 2024 through December 2024

TABLE 1
Sampling Progress: 01 to 30 September 2026

Area Of Concern	Location	Field Sample ID	Sample Type	Date Sampled	Matrix	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)
J1 Range Southern	MW-488M1	MW-488M1_F26	N	09/24/2026	Ground Water	149.62	159.62
J1 Range Southern	J1S-EW1-INF	J1S-EW1-INF_F26	N	09/24/2026	Process Water	0.00	0.00
J1 Range Southern	J1S-EW2-INF	J1S-EW2-INF_F26	N	09/24/2026	Process Water	0.00	0.00
J1 Range Southern	MW-643M2	MW-643M2_F26	N	09/23/2026	Ground Water	131.10	141.10
J1 Range Southern	MW-643M1	MW-643M1_F26	N	09/23/2026	Ground Water	151.10	161.10
J2 Range Northern	J2EW3-MW1-C	J2EW3-MW1-C_F26	N	09/21/2026	Ground Water	245.66	255.66
J2 Range Northern	J2EW0001	J2EW0001_F26	N	09/21/2026	Process Water	179.00	234.00
J2 Range Northern	J2EW0002	J2EW0002_F26	N	09/21/2026	Process Water	198.00	233.00
J2 Range Northern	J2EW2-MW2-C	J2EW2-MW2-C_F26	N	09/21/2026	Ground Water	243.83	253.81
J2 Range Northern	MW-313M1	MW-313M1_F26	N	09/17/2026	Ground Water	255.42	265.42
J2 Range Northern	MW-318M1	MW-318M1_F26	N	09/17/2026	Ground Water	305.79	315.81
J2 Range Northern	MW-632M2	MW-632M2_F26	N	09/17/2026	Ground Water	229.50	239.50
J2 Range Northern	MW-632M1	MW-632M1_F26	N	09/17/2026	Ground Water	254.50	264.50
J2 Range Northern	MW-621M2	MW-621M2_F26	N	09/14/2026	Ground Water	219.40	229.40
J2 Range Northern	MW-621M2	MW-621M2_F26D	FD	09/14/2026	Ground Water	219.40	229.40
J2 Range Northern	MW-702M2	MW-702M2_F26	N	09/14/2026	Ground Water	208.10	218.10
J2 Range Northern	MW-348M2	MW-348M2_F26	N	09/14/2026	Ground Water	206.54	216.54
J2 Range Northern	J2EW2-MW3-B	J2EW2-MW3-B_F26	N	09/14/2026	Ground Water	212.65	222.65
J2 Range Northern	MW-620M1	MW-620M1_F26	N	09/10/2026	Ground Water	268.60	278.60
J2 Range Northern	MW-619M2	MW-619M2_F26	N	09/10/2026	Ground Water	234.10	244.10
J2 Range Northern	MW-619M1	MW-619M1_F26	N	09/10/2026	Ground Water	255.10	265.10
J2 Range Northern	MW-640M1	MW-640M1_F26	N	09/09/2026	Ground Water	246.00	256.00
J2 Range Northern	MW-704M2	MW-704M2_F26	N	09/09/2026	Ground Water	217.80	227.80
J2 Range Northern	MW-622M2	MW-622M2_F26	N	09/09/2026	Ground Water	220.40	230.40
J2 Range Northern	MW-622M1	MW-622M1_F26	N	09/09/2026	Ground Water	245.40	255.40
J2 Range Northern	MW-703M2	MW-703M2_F26	N	09/03/2026	Ground Water	224.10	234.10
J2 Range Northern	MW-703M2	MW-703M2_F26D	FD	09/03/2026	Ground Water	224.10	234.10
J2 Range Northern	MW-585M3	MW-585M3_F26	N	09/03/2026	Ground Water	198.50	208.50

N = Normal Sample
FD = Field Duplicate

TABLE 1
Sampling Progress: 01 to 30 September 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	MW-585M3	MW-585M3_F26D	FD	09/03/2026	Ground Water	198.50	208.50
Central Impact Area	CIA2-EFF	CIA2-EFF-152A	N	09/03/2026	Process Water	0.00	0.00
Central Impact Area	CIA2-MID2	CIA2-MID2-152A	N	09/03/2026	Process Water	0.00	0.00
Central Impact Area	CIA2-MID1	CIA2-MID1-152A	N	09/03/2026	Process Water	0.00	0.00
Central Impact Area	CIA2-INF	CIA2-INF-152A	N	09/03/2026	Process Water	0.00	0.00
Central Impact Area	CIA1-EFF	CIA1-EFF-152A	N	09/03/2026	Process Water	0.00	0.00
Central Impact Area	CIA1-MID2	CIA1-MID2-152A	N	09/03/2026	Process Water	0.00	0.00
Central Impact Area	CIA1-MID1	CIA1-MID1-152A	N	09/03/2026	Process Water	0.00	0.00
Central Impact Area	CIA1-INF	CIA1-INF-152A	N	09/03/2026	Process Water	0.00	0.00
J2 Range Northern	MW-587M2	MW-587M2_F26	N	09/03/2026	Ground Water	220.00	230.00
J2 Range Northern	MW-587M2	MW-587M2_F26D	FD	09/03/2026	Ground Water	220.00	230.00
Central Impact Area	CIA3-EFF	CIA3-EFF-123A	N	09/03/2026	Process Water	0.00	0.00
Central Impact Area	CIA3-MID2	CIA3-MID2-123A	N	09/03/2026	Process Water	0.00	0.00
J2 Range Northern	MW-587M1	MW-587M1_F26	N	09/03/2026	Ground Water	250.00	260.00
Central Impact Area	CIA3-MID1	CIA3-MID1-123A	N	09/03/2026	Process Water	0.00	0.00
Central Impact Area	CIA3-INF	CIA3-INF-123A	N	09/03/2026	Process Water	0.00	0.00
J2 Range Northern	MW-634M2	MW-634M2_F26	MS	09/02/2026	Ground Water	200.60	210.60
J2 Range Northern	MW-634M2	MW-634M2_F26	N	09/02/2026	Ground Water	200.60	210.60
J2 Range Northern	MW-634M2	MW-634M2_F26	SD	09/02/2026	Ground Water	200.60	210.60
J2 Range Northern	MW-634M1	MW-634M1_F26	N	09/02/2026	Ground Water	305.60	315.60
J2 Range Northern	J2N-MID-2F	J2N-MID-2F-240A	N	09/02/2026	Process Water	0.00	0.00
J2 Range Northern	J2N-MID-1F	J2N-MID-1F-240A	N	09/02/2026	Process Water	0.00	0.00
J2 Range Northern	J2N-EFF-EF	J2N-EFF-EF-240A	N	09/02/2026	Process Water	0.00	0.00
J2 Range Northern	J2N-MID-2E	J2N-MID-2E-240A	N	09/02/2026	Process Water	0.00	0.00
J2 Range Northern	J2N-MID-1E	J2N-MID-1E-240A	N	09/02/2026	Process Water	0.00	0.00
J2 Range Northern	J2N-INF-EF	J2N-INF-EF-240A	N	09/02/2026	Process Water	0.00	0.00
J2 Range Northern	MW-289M2	MW-289M2_F26	MS	09/02/2026	Ground Water	0.00	0.00
J2 Range Northern	MW-289M2	MW-289M2_F26	N	09/02/2026	Ground Water	0.00	0.00

N = Normal Sample
FD = Field Duplicate

TABLE 1
Sampling Progress: 01 to 30 September 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	MW-289M2	MW-289M2_F26	SD	09/02/2026	Ground Water	0.00	0.00
J2 Range Northern	MW-289M1	MW-289M1_F26	N	09/02/2026	Ground Water	0.00	0.00
J3 Range	J3-EFF	J3-EFF-240A	N	09/01/2026	Process Water	0.00	0.00
J3 Range	J3-MID-2	J3-MID-2-240A	N	09/01/2026	Process Water	0.00	0.00
J2 Range Northern	MW-586M1	MW-586M1_F26	N	09/01/2026	Ground Water	237.00	247.00
J3 Range	J3-MID-1	J3-MID-1-240A	N	09/01/2026	Process Water	0.00	0.00
J3 Range	J3-INF	J3-INF-240A	N	09/01/2026	Process Water	0.00	0.00
Demolition Area 1	D1-EFF	D1-EFF-194A	N	09/01/2026	Process Water	0.00	0.00
Demolition Area 1	D1-MID-2	D1-MID-2-194A	N	09/01/2026	Process Water	0.00	0.00
Demolition Area 1	D1-MID-1	D1-MID-1-194A	N	09/01/2026	Process Water	0.00	0.00
Demolition Area 1	D1-INF	D1-INF-194A	N	09/01/2026	Process Water	0.00	0.00
J2 Range Northern	J2EW1-MW1-C	J2EW1-MW1-C_F26	N	09/01/2026	Ground Water	240.80	250.80
J2 Range Eastern	J2E-EFF-J	J2E-EFF-J-216A	N	09/01/2026	Process Water	0.00	0.00
J2 Range Eastern	J2E-MID-2J	J2E-MID-2J-216A	N	09/01/2026	Process Water	0.00	0.00
J2 Range Eastern	J2E-MID-1J	J2E-MID-1J-216A	N	09/01/2026	Process Water	0.00	0.00
J2 Range Eastern	J2E-INF-J	J2E-INF-J-216A	N	09/01/2026	Process Water	0.00	0.00
J2 Range Northern	MW-589M2	MW-589M2_F26	N	09/01/2026	Ground Water	211.00	221.00
J2 Range Eastern	J2E-MID-2H	J2E-MID-2H-216A	N	09/01/2026	Process Water	0.00	0.00
J2 Range Eastern	J2E-MID-1H	J2E-MID-1H-216A	N	09/01/2026	Process Water	0.00	0.00
J2 Range Eastern	J2E-EFF-IH	J2E-EFF-IH-216A	N	09/01/2026	Process Water	0.00	0.00
J2 Range Eastern	J2E-MID-2I	J2E-MID-2I-216A	N	09/01/2026	Process Water	0.00	0.00
J2 Range Eastern	J2E-MID-1I	J2E-MID-1I-216A	N	09/01/2026	Process Water	0.00	0.00
J2 Range Northern	MW-589M1	MW-589M1_F26	N	09/01/2026	Ground Water	240.00	250.00
J2 Range Eastern	J2E-INF-I	J2E-INF-I-216A	N	09/01/2026	Process Water	0.00	0.00
J1 Range Southern	J1S-EFF	J1S-EFF-226A	N	09/01/2026	Process Water	0.00	0.00
J1 Range Southern	J1S-MID	J1S-MID-226A	N	09/01/2026	Process Water	0.00	0.00
J1 Range Southern	J1S-INF-2	J1S-INF-2-226A	N	09/01/2026	Process Water	0.00	0.00

N = Normal Sample
FD = Field Duplicate

TABLE 2
VALIDATED EXPLOSIVE AND PERCHLORATE RESULTS
Data Received 01 to 30 September 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
Central Impact Area	CIA2-MID2	CIA2-MID2-152A	0.00	0.00	09/03/2026	SW8330B	Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX)	0.29		µg/L	0.97		0.10	0.21
Central Impact Area	CIA2-INF	CIA2-INF-152A	0.00	0.00	09/03/2026	SW6850	Perchlorate	0.32		µg/L	2.0		0.10	0.20
Central Impact Area	CIA2-INF	CIA2-INF-152A	0.00	0.00	09/03/2026	SW8330B	Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX)	0.79		µg/L	0.97		0.10	0.21
Central Impact Area	CIA1-MID2	CIA1-MID2-152A	0.00	0.00	09/03/2026	SW8330B	Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX)	0.16	J	µg/L	0.97		0.10	0.20
Central Impact Area	CIA1-MID1	CIA1-MID1-152A	0.00	0.00	09/03/2026	SW6850	Perchlorate	0.13	J	µg/L	2.0		0.10	0.20
Central Impact Area	CIA1-INF	CIA1-INF-152A	0.00	0.00	09/03/2026	SW6850	Perchlorate	0.35		µg/L	2.0		0.10	0.20
Central Impact Area	CIA1-INF	CIA1-INF-152A	0.00	0.00	09/03/2026	SW8330B	Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX)	0.65		µg/L	0.97		0.10	0.21
Central Impact Area	CIA3-MID2	CIA3-MID2-123A	0.00	0.00	09/03/2026	SW8330B	Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX)	0.27		µg/L	0.97		0.10	0.21
Central Impact Area	CIA3-INF	CIA3-INF-123A	0.00	0.00	09/03/2026	SW6850	Perchlorate	0.13	J	µg/L	2.0		0.10	0.20
Central Impact Area	CIA3-INF	CIA3-INF-123A	0.00	0.00	09/03/2026	SW8330B	Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX)	0.32		µg/L	0.97		0.10	0.21
J2 Range Northern	J2N-INF-EF	J2N-INF-EF-240A	0.00	0.00	09/02/2026	SW6850	Perchlorate	1.0		µg/L	2.0		0.10	0.20
J3 Range	J3-EFF	J3-EFF-240A	0.00	0.00	09/01/2026	SW6850	Perchlorate	0.27		µg/L	2.0		0.10	0.20
J3 Range	J3-MID-1	J3-MID-1-240A	0.00	0.00	09/01/2026	SW6850	Perchlorate	0.25		µg/L	2.0		0.10	0.20
J3 Range	J3-INF	J3-INF-240A	0.00	0.00	09/01/2026	SW6850	Perchlorate	0.36		µg/L	2.0		0.10	0.20
Demolition Area 1	D1-INF	D1-INF-194A	0.00	0.00	09/01/2026	SW6850	Perchlorate	0.39		µg/L	2.0		0.10	0.20
J2 Range Eastern	J2E-EFF-J	J2E-EFF-J-216A	0.00	0.00	09/01/2026	SW6850	Perchlorate	0.24		µg/L	2.0		0.10	0.20
J2 Range Eastern	J2E-MID-1J	J2E-MID-1J-216A	0.00	0.00	09/01/2026	SW6850	Perchlorate	0.30		µg/L	2.0		0.10	0.20
J2 Range Eastern	J2E-INF-J	J2E-INF-J-216A	0.00	0.00	09/01/2026	SW6850	Perchlorate	0.40		µg/L	2.0		0.10	0.20
J2 Range Eastern	J2E-INF-I	J2E-INF-I-216A	0.00	0.00	09/01/2026	SW6850	Perchlorate	0.91		µg/L	2.0		0.10	0.20
J2 Range Eastern	J2E-INF-I	J2E-INF-I-216A	0.00	0.00	09/01/2026	SW8330B	Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX)	0.27	J	µg/L	0.97		0.10	0.21
J2 Range Eastern	J2MW-01M2	J2MW-01M2_F26	245.00	255.00	08/25/2026	SW6850	Perchlorate	0.64		µg/L	2.0		0.10	0.20
J2 Range Eastern	J2MW-02M1	J2MW-02M1_F26	271.00	281.00	08/25/2026	SW6850	Perchlorate	2.8		µg/L	2.0	X	0.10	0.20
J2 Range Eastern	MW-170M1	MW-170M1_F26	265.00	275.00	08/25/2026	SW6850	Perchlorate	0.22		µg/L	2.0		0.10	0.20
J2 Range Eastern	MW-57D	MW-57D_F26	213.00	223.00	08/24/2026	SW6850	Perchlorate	0.31		µg/L	2.0		0.10	0.20
J2 Range Eastern	MW-324M2	MW-324M2_F26	203.74	214.74	08/24/2026	SW6850	Perchlorate	0.31		µg/L	2.0		0.10	0.20
J2 Range Eastern	MW-339M1	MW-339M1_F26	233.00	243.00	08/20/2026	SW6850	Perchlorate	0.37		µg/L	2.0		0.10	0.20
J2 Range Eastern	MW-368M2	MW-368M2_F26	202.73	212.73	08/20/2026	SW6850	Perchlorate	0.95		µg/L	2.0		0.10	0.20
J2 Range Eastern	MW-368M2	MW-368M2_F26	202.73	212.73	08/20/2026	SW8330B	Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX)	0.22		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,RSL)

TABLE 2
VALIDATED EXPLOSIVE AND PERCHLORATE RESULTS
Data Received 01 to 30 September 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
J2 Range Eastern	MW-368M2	MW-368M2_F26	202.73	212.73	08/20/2026	SW8330B	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX)	2.5		µg/L	400		0.10	0.22
J2 Range Eastern	MW-368M1	MW-368M1_F26	237.35	247.35	08/20/2026	SW6850	Perchlorate	21.0		µg/L	2.0	X	0.10	0.20
J2 Range Eastern	MW-368M1	MW-368M1_F26	237.35	247.35	08/20/2026	SW8330B	Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX)	7.2		µg/L	0.97	X	0.11	0.22
J2 Range Eastern	MW-368M1	MW-368M1_F26	237.35	247.35	08/20/2026	SW8330B	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX)	0.14	J	µg/L	400		0.10	0.22
J2 Range Eastern	MW-368M1	MW-368M1_F26D	237.35	247.35	08/20/2026	SW6850	Perchlorate	20.0		µg/L	2.0	X	0.10	0.20
J2 Range Eastern	MW-368M1	MW-368M1_F26D	237.35	247.35	08/20/2026	SW8330B	Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX)	7.0		µg/L	0.97	X	0.11	0.22
J2 Range Eastern	MW-368M1	MW-368M1_F26D	237.35	247.35	08/20/2026	SW8330B	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX)	0.20	J	µg/L	400		0.10	0.22
J2 Range Eastern	MW-705M2	MW-705M2_F26	185.90	195.90	08/19/2026	SW6850	Perchlorate	0.74		µg/L	2.0		0.10	0.20
J2 Range Eastern	MW-705M2	MW-705M2_F26D	185.90	195.90	08/19/2026	SW6850	Perchlorate	0.72		µg/L	2.0		0.10	0.20
J2 Range Eastern	MW-705M1	MW-705M1_F26	209.70	219.70	08/19/2026	SW6850	Perchlorate	1.4		µg/L	2.0		0.10	0.20
J2 Range Eastern	MW-705M1	MW-705M1_F26	209.70	219.70	08/19/2026	SW8330B	Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX)	0.92		µg/L	0.97		0.10	0.21
J2 Range Eastern	MW-705M1	MW-705M1_F26	209.70	219.70	08/19/2026	SW8330B	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX)	0.62		µg/L	400		0.098	0.21
J2 Range Eastern	MW-665M3	MW-665M3_F26	175.20	185.20	08/19/2026	SW6850	Perchlorate	0.20		µg/L	2.0		0.10	0.20
J2 Range Eastern	MW-665M2	MW-665M2_F26	205.20	215.20	08/19/2026	SW6850	Perchlorate	2.2		µg/L	2.0	X	0.10	0.20
J2 Range Eastern	MW-665M2	MW-665M2_F26	205.20	215.20	08/19/2026	SW8330B	Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX)	1.9		µg/L	0.97	X	0.10	0.21
J2 Range Eastern	MW-665M2	MW-665M2_F26	205.20	215.20	08/19/2026	SW8330B	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX)	0.18	J	µg/L	400		0.096	0.21
J2 Range Eastern	MW-665M2	MW-665M2_F26D	205.20	215.20	08/19/2026	SW6850	Perchlorate	2.2		µg/L	2.0	X	0.10	0.20
J2 Range Eastern	MW-665M2	MW-665M2_F26D	205.20	215.20	08/19/2026	SW8330B	Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX)	2.0		µg/L	0.97	X	0.10	0.21
J2 Range Eastern	MW-665M2	MW-665M2_F26D	205.20	215.20	08/19/2026	SW8330B	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX)	0.13	J	µg/L	400		0.095	0.21
J2 Range Eastern	MW-709S	MW-709S_F26	106.20	116.20	08/13/2026	SW6850	Perchlorate	0.13	J	µg/L	2.0		0.10	0.20
J2 Range Eastern	MW-707S	MW-707S_F26	110.30	120.30	08/13/2026	SW6850	Perchlorate	0.46		µg/L	2.0		0.10	0.20
J2 Range Eastern	MW-707S	MW-707S_F26	110.30	120.30	08/13/2026	SW8330B	Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX)	0.26		µg/L	0.97		0.11	0.22
J2 Range Eastern	MW-707S	MW-707S_F26	110.30	120.30	08/13/2026	SW8330B	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX)	0.25		µg/L	400		0.10	0.22
J2 Range Eastern	MW-706S	MW-706S_F26	112.70	122.70	08/13/2026	SW6850	Perchlorate	0.12	J	µg/L	2.0		0.10	0.20
J2 Range Eastern	MW-116S	MW-116S_F26	103.00	113.70	08/11/2026	SW6850	Perchlorate	0.11	J	µg/L	2.0		0.10	0.20
J2 Range Eastern	MW-307M3	MW-307M3_F26	125.80	135.82	08/11/2026	SW6850	Perchlorate	0.25		µg/L	2.0		0.10	0.20
J2 Range Eastern	MW-685M1	MW-685M1_F26	166.20	176.20	08/10/2026	SW6850	Perchlorate	0.11	J	µg/L	2.0		0.10	0.20
J2 Range Eastern	MW-668M1	MW-668M1_F26	168.70	178.70	08/10/2026	SW6850	Perchlorate	0.92		µg/L	2.0		0.10	0.20

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RL = Reporting Limit
ND = Non-Detect

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

TABLE 2
VALIDATED EXPLOSIVE AND PERCHLORATE RESULTS
Data Received 01 to 30 September 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
J2 Range Eastern	MW-215M2	MW-215M2_F26	205.00	215.00	08/10/2026	SW6850	Perchlorate	1.0		µg/L	2.0		0.10	0.20
J2 Range Eastern	MW-215M2	MW-215M2_F26	205.00	215.00	08/10/2026	SW8330B	Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX)	0.22		µg/L	0.97		0.10	0.21
J2 Range Eastern	MW-215M1	MW-215M1_F26	240.00	250.00	08/10/2026	SW6850	Perchlorate	3.1		µg/L	2.0	X	0.10	0.20
J2 Range Eastern	MW-667M2	MW-667M2_F26	277.30	287.30	08/04/2026	SW6850	Perchlorate	0.45		µg/L	2.0		0.10	0.20
J2 Range Eastern	MW-667M2	MW-667M2_F26	277.30	287.30	08/04/2026	SW8330B	Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX)	0.24	J	µg/L	0.97		0.10	0.21
J2 Range Eastern	MW-667M2	MW-667M2_F26	277.30	287.30	08/04/2026	SW8330B	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX)	0.39	J	µg/L	400		0.098	0.21
J2 Range Eastern	MW-667M1	MW-667M1_F26	302.30	312.30	08/04/2026	SW6850	Perchlorate	0.42		µg/L	2.0		0.10	0.20
J2 Range Eastern	MW-667M1	MW-667M1_F26	302.30	312.30	08/04/2026	SW8330B	Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX)	0.51	J	µg/L	0.97		0.10	0.21
J2 Range Eastern	MW-667M1	MW-667M1_F26	302.30	312.30	08/04/2026	SW8330B	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX)	0.37	J	µg/L	400		0.095	0.21
J2 Range Eastern	MW-366M1	MW-366M1_F26	215.00	225.00	08/03/2026	SW6850	Perchlorate	1.7		µg/L	2.0		0.10	0.20
J2 Range Eastern	MW-321M2	MW-321M2_F26	155.67	165.67	08/03/2026	SW6850	Perchlorate	0.26		µg/L	2.0		0.10	0.20
J2 Range Eastern	MW-321M1	MW-321M1_F26	174.61	184.61	08/03/2026	SW6850	Perchlorate	0.13	J	µg/L	2.0		0.10	0.20
J2 Range Eastern	MW-357M1	MW-357M1_F26	274.50	284.50	08/03/2026	SW6850	Perchlorate	0.17	J	µg/L	2.0		0.10	0.20
J2 Range Eastern	MW-666M3	MW-666M3_F26	199.80	209.80	07/30/2026	SW6850	Perchlorate	0.74		µg/L	2.0		0.10	0.20
J2 Range Eastern	MW-666M2	MW-666M2_F26	219.80	229.80	07/30/2026	SW6850	Perchlorate	0.70		µg/L	2.0		0.10	0.20
J2 Range Eastern	MW-666M1	MW-666M1_F26	244.80	254.80	07/30/2026	SW6850	Perchlorate	0.13	J	µg/L	2.0		0.10	0.20
J2 Range Eastern	MW-666M1	MW-666M1_F26D	244.80	254.80	07/30/2026	SW6850	Perchlorate	0.10	J	µg/L	2.0		0.10	0.20

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