

# **CORNHUSKER ARMY AMMUNITION PLANT**

Army Cleanup Program

Installation Action Plan Final

June 2024

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## STATEMENT OF PURPOSE

The Installation Action Plan (IAP) provides evidence that the Army is firmly committed to expeditious identification and cleanup of environmental contamination, and that the installation has a credible, organized program to carry out that commitment. The IAP provides an outline of the total multi-year environmental cleanup program for each site with ongoing or future planned restoration activity and includes the (1) environmental restoration requirements, (2) the rationale for the selected technical approach, and (3) foundation to develop corresponding financial needs for each cleanup site.

## INSTALLATION OVERVIEW

**Installation Name:** CORNHUSKER ARMY AMMUNITION PLANT

**Installation City:** GRAND ISLAND

**Installation County:** HALL

**Installation State:** NE

**Regulatory Participation - Federal:** US Environmental Protection Agency (USEPA), Region VII

**Regulatory Participation - State:** Nebraska Department of Environment and Energy

## ACRONYMS

Acronym	Definition
ACM	Asbestos Containing Materials
bgs	below ground surface
CAAP	Cornhusker Army Ammunition Plant
CC	Compliance-related Cleanup
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act of 1980
CPNRD	Central Platte Natural Resources District
CRL	Cleanup Restoration & Liabilities
DBG	Demolition and Burning Grounds
DMM	Discarded Military Munition
ENV	Environmental
ER, A	Environmental Restoration, Army
ESS	Explosive Safety Submission
EVO	Emulsified Vegetable Oil
FS	Feasibility Study
ft	feet
FYR	Five-Year Review
IAP	Installation Action Plan
ID	Identification
IR	Installation Restoration
IRA	Interim Remedial Action
IRIP	Installation Restoration Incineration Program
LTM	Long-Term Management
LUC	Land Use Control
MC	Munitions Constituent
MEC	Munitions and Explosives of Concern
MMRP	Military Munitions Response Program
MNA	Monitored Natural Attenuation
MPPEH	Material Potentially Presenting an Explosive Hazard
MR	Munitions Response
MRS	Munitions Response Site
MRSPP	Munitions Response Site Prioritization Protocol
NFA	No Further Action
NPL	National Priorities List
NTCRA	Non-Time Critical Removal Action
OB/OD	Open Burn / Open Detonation
OU	Operable Unit
PA	Preliminary Assessment
PP	Proposed Plan
ppm	parts per million

Acronym	Definition
PR	Periodic Review
PRG	Preliminary Remediation Goals
RA(C)	Remedial Action (Construction)
RA(O)	Remedial Action (Operations)
RAB	Restoration Advisory Board
RC	Response Complete
RCRA	Resource Conservation and Recovery Act
RD	Remedial Design
RDX	cyclotrimethylenetrinitramine
RI	Remedial Investigation
RIP	Remedy-In-Place
ROD	Record of Decision
RRSE	Relative Risk Site Evaluation
SC	Site Closeout
SI	Site Inspection
SSFR	Site-Specific Final Report
TAPP	Technical Assistance for Public Participation
TNT	2,4,6-Trinitrotoluene
USAEC	US Army Environmental Command
WUZ	Western Unrestricted Zone

## PHASE TRANSLATION TABLE

CERCLA Phase	RCRA Phase	RCRA UST Phase
Preliminary Assessment (PA)	RCRA Facility Assessment (RFA)	Initial Site Characterization (ISC)
Site Inspection (SI)	Confirmation Sampling (CS)	Investigation (INV)
Remedial Investigation/ Feasibility Study (RI/FS)	RCRA Facility Investigation/Corrective Measures Study (RFI/CMS)	Corrective Action Plan (CAP)
Remedial Design (RD)	Design (DES)	Design (DES)
Interim Remedial Action (IRA)	Interim Measure (IM)	Interim Remedial Action (IRA)
Remedial Action (Construction) (RA(C))	Corrective Measures Implementation (Construction) (CMI(C))	Implementation (Construction) (IMP(C))
Remedial Action (Operations) (RA(O))	Corrective Measures Implementation (Operations) (CMI(O))	Implementation (Operations) (IMP(O))
Long-Term Management (LTM)	Long-Term Management (LTM)	Long-Term Management (LTM)

## **PROGRAM SUMMARY**

**Number of Open Sites with Response Complete/Total Open IR Sites: 0/2**

**Number of Open Sites with Response Complete/Total Open MR Sites: 0/1**

**Number of Open Sites with Response Complete/Total Open CC Sites: 0/0**



## SITE-LEVEL INFORMATION

## 31135.1059\_CAAP-003\_NON ACTIVE DEMOLITION DEBRIS LF

**Env Site ID:** CAAP-003

**Cleanup Site:** NON ACTIVE DEMOLITION DEBRIS LF

**Alias:** OU5

**Regulatory Driver:** CERCLA

**RIP Date:** 9/30/2026

**RC Date:** 9/30/2026

**RC Reason:** Not assigned

**SC Date:** 9/30/2026

**Program:** ENV Restoration, Army

**Subprogram:** IR

**NPL Status:** Yes

**Hazardous Ranking Score:** 51

**RRSE:**

**MRSPP:** N/A

Phase	Start	End
PA:	4/30/1979	3/31/1980
SI:	4/30/1979	6/30/1991
RI/FS:	1/31/1991	9/30/2026
RD:	--	--
IRA:	1/31/2000	6/30/2001
RA(C):	--	--
RA(O):	--	--
LTM:	--	--

**Site Narrative:** This site was reopened in 2013 due to a change in site conditions (i.e., building demolition and slab removal to meet explosive safety requirements). Characterization is required to ensure environmental conditions have not changed. Post-explosive safety removal actions uncovered asbestos debris pits. Removal of concrete slabs/ramps revealed explosive concentration exceeding 10% which were reduced to comply with the Department of Defense Explosive Safety Board certification and 5X certification for public disposal. The explosives contaminants left in place exceed preliminary remediation goals (PRG) and require remediation. An explosive safety submission (ESS) was submitted to Department of Defense Explosive Safety Board for no further action (NFA) for munitions and explosives of concern (MEC)/ordnance and explosives sub-sites in Tract 19B, Fuze Destruction Area and Explosives Parking Area; Tract 20B, which includes South Fuze Destruction Area, Ammonium Nitrate Burning Ground, and Abandoned Burning Area; Tract 21B, which includes Burning Pit Area, Backstop Berm and Static Ejection Test Site, Decanting Station and Leaching Pit Area, and Pistol Range Burning Grounds; Tract 21C, Northwest Sewage Treatment Plant. [OB/OD]. Asbestos-containing material (ACM) discovered during a geophysical survey of fiscal year (FY)05 Load Lines 1 and 2 were excavated and disposed of as discarded military munitions (DMM) anomalies; 5X was certified for public disposal. Soil chemical characterization was completed, and explosive-contaminated soils were removed. In FY06, soil chemical characterization and removal of explosives-contaminated soils was completed for Load Line 3. Explosive-contaminated soil remediation of Load Lines 1-4 is completed to residential cleanup goals. The pilot test for groundwater remediation at the Decant Station is complete. The ESS for NFA Indicated using existing geophysical remedial investigation (RI)/feasibility study (FS) data was not approved by the US Army Technical Center for Explosives Safety because the geophysical data was for an environmental investigation (1995) and was not done in accordance with Military Munitions Response Program (MMRP) protocol. A RI /FS was completed in 2022. Geophysical surveys were included in the RI for tracts 19B, 19C, 20B, 21B, and 21C in accordance with USACE MMRP guidance. Cleanup/Exit Strategy - The proposed plan (PP) and record of decision (ROD) will be completed. It is anticipated this site will be

closed at the end of the RI/FS phase and a NFA will be recommended for the PP/DD. Once all compliance standards have been met, a property transfer to the Hall County Reuse Commission designee can be made.

## 31135.1066\_CAAP-010\_OU1 GROUNDWATER

**Env Site ID:** CAAP-010

**Cleanup Site:** OU1 GROUNDWATER

**Alias:** OU1 GW

**Regulatory Driver:** CERCLA

**RIP Date:** 12/31/1998

**RC Date:** 9/30/2054

**RC Reason:** Not assigned

**SC Date:** 9/30/2054

**Program:** ENV Restoration, Army

**Subprogram:** IR

**NPL Status:** Yes

**Hazardous Ranking Score:** 51

**RRSE:**

**MRSPP:** N/A

Phase	Start	End
PA:	1/31/1979	3/31/1980
SI:	4/30/1979	10/31/1984
RI/FS:	1/31/1991	5/31/1994
RD:	5/31/1994	4/30/1997
IRA:	4/30/1984	3/31/1995
RA(C):	6/30/1997	11/30/1998
RA(O):	12/31/1998	9/30/2054
LTM:	--	--

**Site Narrative:** The five Load Assemble and Pack facilities at Cornhusker Army Ammunition Plant (CAAP) constituted the major set of buildings and center for operations at the site during munitions production years. Munitions production within the load lines at CAAP required the use and disposal of large amounts of water. The manufacturing process producing explosives wastewater included the screening, melting, and mixing of rod and pellet work, re-melting and refilling, and washing and laundry operations. Physical screening operations were conducted as the first process for incorporating explosives [i.e. 246-trinitrotoluene (TNT) and cyclotrimethylenetrinitramine (RDX)] into munitions. Explosives were received in flake form and screened and sifted for material handling purposes. Wastewater was generated in the operation by the ventilation systems which collected explosive dust generated by the screening operation and washed it from the air with Schneible units (wet scrubbers). The water from the Schneible units was run through settling tanks and recycled; however excess wastewater was produced. Wastewater was also generated from periodic wash down of machinery and interior building surfaces. The wastewater was disposed of via interior building drains into a sack sump (concrete pit) that was equipped with a filter bag. The bag made of canvas-like material was designed to filter out the solid explosive particles. The wastewater was then transferred via open concrete channels into a circular earthen impoundment. The impoundment wall is masonry-lined with the bottom open to the sand and gravel strata. An overflow channel was routed from the impoundment to a leaching pit that was designed to handle any water that did not infiltrate into the bottom of the impoundment. This overflow occurred due to the limited filtering capacity of the sack sump to trap explosive particulates. Particles were periodically scraped from the bottom of both the earthen impoundments and leaching pits and ignited at the Burning Grounds [CAAP-005 operable unit (OU) 5] located in the northwest section of CAAP. In 1988, during the Installation Restoration Incineration Program (IRIP), 58 impoundments were determined to have received explosives-contaminated wastewater. A determination was made to remove soil from the impoundments if groundwater concentrations were greater than five parts per million (ppm) for 246-TNT 10-ppm for RDX 15-ppm for 135-trinitrobenzene and 0.5-ppm for 24-

dinitrotoluene. Several guidelines originally incorporated into the proposed excavation plan related to the distance between the water table and the impoundments bottom and the location of adjacent building foundations. A subsurface injection program was initiated in 2007 to accelerate remediation of the groundwater plume and reduce cost through the addition of groundwater amendments. Beginning in 2013, the Army began a treatability study for groundwater using bioremediation. The bioremediation injections were effective in reducing the plume and in 2021 the Army turned off the pump and treat. Cleanup/Exit Strategy - The pump-and-treat system addresses the groundwater remedy for both OU1 and OU5. The ROD for this remedy was signed on Sept. 26, 2001. The recommended action is to accelerate the remediation of the groundwater plume through the addition of groundwater amendments advocated by US Army Environmental Command (USAEC) in October 2005. The Army is assessing the option of a ROD amendment to change the remedy to bioremediation using emulsified vegetable oil (EVO) and molasses via subsurface injection. Pending regulatory approval to decommission the groundwater treatment facility, monitoring natural attenuation (MNA) sampling and land use control (LUC) monitoring will continue indefinitely. FYRs will be conducted.

## 31135.1067\_CHAAP-005-R-01\_Demolition and Burning Gr

**Env Site ID:** CHAAP-005-R-01

**Cleanup Site:** Demolition and Burning Gr

**Alias:** OU5

**Regulatory Driver:** CERCLA

**RIP Date:** 10/29/2030

**RC Date:** 10/29/2060

**RC Reason:** Not assigned

**SC Date:** 10/30/2060

**Program:** ENV Restoration, Army

**Subprogram:** MR

**NPL Status:** No

**Hazardous Ranking Score:** 0

**RRSE:** N/A

**MRSPP:** 5

Phase	Start	End
PA:	1/31/2002	5/31/2003
SI:	10/31/2004	10/31/2006
RI/FS:	7/31/2006	9/30/2027
RD:	--	--
IRA:	7/31/2009	10/15/2016
RA(C):	10/1/2027	10/28/2030
RA(O):	10/29/2030	10/29/2060
LTM:	--	--

**Site Narrative:** The CAAP Demolition and Burning Grounds, Tract 19C, (DBG)(CHAAP-005-R-01) is located in the northwest corner of the installation and covers an area of approximately 33-acres. The 33-acre site was historically used for the burning detonation demolition and disposal of explosives process material and ordnance including TNT and micro-gravel mines. The site contains gravel mines and scattered trenches bulked with TNT. A small area known as Interim Remedial Action (IRA) Site 1 is located to the west and outside of the restricted zone fence. The exclusion zone section consisted of a T-shaped restricted area with an internal fence inside the restricted zone. Within the exclusion zone, were two burning pads used for detonation and the burning of explosives. Other areas within the restricted zone include an open burn/open detonation (OB/OD) area, a drainage ditch, a stressed vegetation area, a metal flashing area used to burn explosives, contaminated machinery equipment, scrap metal pipe and bomb casings, and an ammonium nitrate/aluminum powder burning area that may have extended 100 to 200-ft. west (outside) of the restricted zone. Dispersion residue from the explosives burning in the OB/OD area was sampled and tested. Material certified to contain less than 1% residue was dispersed in this area. Types of MEC, DMM, and other munitions constituent (MC) observed in the OB/OD include aluminum munitions, scrap fuse components type 404A1 plastic explosive waste, micro-gravel mines and other MEC. Significant amounts of MC (tritonals and lead azide were detected). From 1991 through 2000, three site investigations were performed - a 1991 environmental assessment, a 1993 site conceptual design study, and a 1995 remedial investigation (RI). These investigations were conducted and completed under CHAAP-005. The investigations included surface and subsurface soil and groundwater sampling, and electro-magnetic and ground penetrating radar surveys to help screen the area for subsurface contamination and trenches. Attempts were made in 1967 to detonate canisters and drums filled with micro-gravel mines, saturated with Freon 113, within the southern part of the exclusion zone. Freon 113 debris was transported back to the burning pads and re-detonated. In 2000, groundwater sampling in the area was initiated to monitor Freon, however Freon levels were below the cleanup criteria. In 1994, an IRA was completed which included the excavation of explosives in the soil

within IRA Site 1. From 1999 to 2002, a Munitions Response was performed by the Army Industrial Operations Command (currently the Joint Munitions Command). Munitions detected within the gridded exclusion zone were excavated to a depth of four feet (ft) where required. In 2002, under the MMRP, a site inventory was completed for CAAP which identified the DBG as a Munitions Response Site (MRS). In May 2004, the Environmental Restoration Army (ER, A) responsibilities for IRP CAAP-005 were transferred to MMRP (now CHAAP-005-R-01). In March 2005, limited soil samples were collected at the MRS as part of the Site Inspection (SI) phase within the MMRP. In October 2006, the SI report was finalized. It recommended further soil and groundwater investigation and action to address the MEC, DMM, and MC at the MRS. A limited amount of clearance was completed at the site as a safety action in 2006-2007, later the site was then transitioned to a MMRP-MEC removal site. Research into the historical records indicated that an estimated 20,000 pounds of explosives are unaccounted for and may have been buried at the site. To address this uncertainty, a MEC non-time critical removal action (NTCRA) was conducted between March 2010 and July 2013. The Site-Specific Final Report (SSFR) for this action dated Oct. 28, 2013, documented the removal of MEC.

Subsurface clearances were completed to the required MRS area/zone depth [i.e., Western Unrestricted Zone (WUZ)/Green Zone – depth of 1-foot below ground surface (bgs)] or if MEC/ Material Potentially Presenting an Explosive Hazard (MPPEH) or ACM contamination was observed at that required depth of clearance, then excavation continued to a depth of native soil up to a maximum of 10-ft bgs within the DBG. Soils free of explosive hazards were stockpiled. All recovered bulk explosives and gravel mines were properly disposed. Excavated grids were not backfilled. Work is continuing at the site to obtain regulatory clearances and achieve the depth of clearance required for property transfer to Central Platte Natural Resources District (CPNRD). The recommended alternative for the site is LUCs to prevent exposure to Freon 113, and further degradation and migration of groundwater from the site. Cleanup/Exit Strategy - The PP and ROD will be developed. MNA will be performed until remedial action objectives are met. Five Year Reviews (FYR) will be conducted.

## **SITE SUMMARY**



## SITE CLOSEOUT SUMMARY

CRL ID	Site Name	Site Closeout Date
31135.1001	CAAP-001A_PINK WATER DISP DP-01 (LP)	1/1/1999
31135.1002	CAAP-001AA_PINK WATER DISP DP-27 (CP)	3/31/1996
31135.1003	CAAP-001AB_PINK WATER DISP DP-28 (CP)	3/31/1996
31135.1004	CAAP-001AC_L LINE 3 PINK WATER DISP DP-2	9/30/1999
31135.1005	CAAP-001AD_PINK WATER DISP DP-30 (CP)	3/31/1995
31135.1006	CAAP-001AE_PINK WATER DISP DP-31 (CP)	3/31/1995
31135.1007	CAAP-001AF_L LINE 2 PINK WATER DISP DP-3	9/30/1999
31135.1008	CAAP-001AG_PINK WATER DISP DP-33 (CP)	3/31/1995
31135.1009	CAAP-001AH_PINK WATER DISP DP-34 (CP)	3/31/1995
31135.1010	CAAP-001AI_PINK WATER DISP DP-35 (CP)	3/31/1995
31135.1011	CAAP-001AJ_PINK WATER DISP DP-36 (CP)	3/31/1995
31135.1012	CAAP-001AK_PINK WATER DISP DP-37 (CP)	3/31/1995
31135.1013	CAAP-001AL_PINK WATER DISP DP-38 (CP)	3/31/1995
31135.1014	CAAP-001AM_PINK WATER DISP DP-39 (CP)	3/31/1995
31135.1015	CAAP-001AN_PINK WATER DISP DP-40 (CP)	3/31/1995
31135.1016	CAAP-001AO_PINK WATER DISP DP-41 (CP)	3/31/1995
31135.1017	CAAP-001AP_PINK WATER DISP DP-42 (CP)	3/31/1995
31135.1018	CAAP-001AQ_PINK WATER DISP DP-43 (CP)	12/31/1995
31135.1019	CAAP-001AR_PINK WATER DISP DP-44 (CP)	3/31/1995
31135.1020	CAAP-001AS_PINK WATER DISP DP-45 (CP)	3/31/1995
31135.1021	CAAP-001AT_PINK WATER DISP DP-46 (CP)	3/31/1995
31135.1022	CAAP-001AU_PINK WATER DISP DP-47 (CP)	2/28/1995
31135.1023	CAAP-001AV_PINK WATER DISP DP-48 (CP)	3/31/1995
31135.1024	CAAP-001B_PINK WATER DISP DP-02 (LP)	3/31/1995
31135.1025	CAAP-001C_PINK WATER DISP DP-03 (CP)	3/31/1995
31135.1026	CAAP-001D_L LINE 4 PINK WATER DISP DP-04	9/30/1999
31135.1027	CAAP-001E_L LINE 5 PINK WATER DSIP DP-05	9/30/1999
31135.1028	CAAP-001F_PINK WATER DISP DP-06 (CP)	3/31/1995
31135.1029	CAAP-001G_PINK WATER DISP DP-07 (CP)	3/31/1995
31135.1030	CAAP-001H_PINK WATER DISP DP-08 (LP)	3/31/1995
31135.1031	CAAP-001I_PINK WATER DISP DP-09 (LP)	3/31/1995
31135.1032	CAAP-001J_PINK WATER DISP DP-10 (CP)	3/31/1995
31135.1033	CAAP-001K_PINK WATER DISP DP-11 (LP)	3/31/1995
31135.1034	CAAP-001L_PINK WATER DISP DP-12 (LP)	3/31/1995
31135.1035	CAAP-001M_PINK WATER DISP DP-13 (CP)	3/31/1995
31135.1036	CAAP-001N_PINK WATER DISP DP-14 (LP)	3/31/1995
31135.1037	CAAP-001O_PINK WATER DISP DP-15 (LP)	3/31/1995
31135.1038	CAAP-001P_PINK WATER DISP DP-16 (CP)	3/31/1995
31135.1039	CAAP-001Q_PINK WATER DISP DP-17 (CP)	3/31/1995
31135.1040	CAAP-001R_PINK WATER DISP DP-18 (CP)	3/31/1995
31135.1041	CAAP-001S_PINK WATER DISP DP-19 (CP)	3/31/1995
31135.1042	CAAP-001T_PINK WATER DISP DP-20 (CP)	3/31/1995

CRL ID	Site Name	Site Closeout Date
31135.1043	CAAP-001U_PINK WATER DISP DP-21 (CP)	3/31/1995
31135.1044	CAAP-001V_PINK WATER DISP DP-22 (CP)	3/31/1995
31135.1045	CAAP-001W_PINK WATER DISP DP-23 (CP)	3/31/1995
31135.1046	CAAP-001X_PINK WATER DISP DP-24 (CP)	3/31/1995
31135.1047	CAAP-001Y_PINK WATER DISP DP-25 (CP)	3/31/1995
31135.1048	CAAP-001Z_PINK WATER DISP DP-26 (CP)	3/31/1995
31135.1049	CAAP-002A_L LINE 1 PINK WATER DISP DP-49	9/30/1999
31135.1050	CAAP-002B_PINK WATER DISP DP-50 (CP)	3/31/1995
31135.1051	CAAP-002C_PINK WATER DISP DP-51 (CP)	3/31/1995
31135.1052	CAAP-002D_PINK WATER DISP DP-52 (CP)	3/31/1995
31135.1053	CAAP-002E_PINK WATER DISP DP-53 (CP)	3/31/1995
31135.1054	CAAP-002F_PINK WATER DISP DP-54 (CP)	3/31/1995
31135.1055	CAAP-002G_PINK WATER DISP DP-55 (CP)	3/31/1995
31135.1056	CAAP-002H_LAUNDRY FAC PINK WATER DISP DP	9/30/1999
31135.1057	CAAP-002I_PINK WATER DISP DP-57 (CP)	3/31/1995
31135.1058	CAAP-002J_PINK WATER DISP DP-58 (CP)	3/31/1995
31135.1060	CAAP-004_CLAY PIT DISPOSAL AREA(OU3-4)	6/30/2001
31135.1061	CAAP-005_DEMO AND BURNG GD(OU5)	9/30/2006
31135.1062	CAAP-006_SWWTP(OU2)	9/30/1998
31135.1063	CAAP-007_CISD SANITARY WWTF(OU2)	9/30/1998
31135.1064	CAAP-008_MOTOR POOL(OU3)	9/30/2009
31135.1065	CAAP-009_UNDERGROUND STORAGE TANKS(INSTA	12/31/2005

## COMMUNITY INVOLVEMENT

<b>Community Involvement Plan (Date Last Reviewed):</b>	10/15/2018
<b>Technical Review Committee Establishment Date:</b>	N/A
<b>Restoration Advisory Board (RAB) Establishment Date:</b>	N/A
<b>RAB Adjournment Date:</b>	N/A
<b>RAB Adjournment Reason:</b>	N/A
<b>Reasons for Not Establishing RAB:</b>	TRC Operating (no RAB by choice)
<b>RAB Date of Solicitation from Community:</b>	9/19/2022
<b>RAB Results of Solicitation:</b>	Lack of community responses from solicitation. Many of the citizens were interested in contracts and doing business with the Army. In September 2001, a public meeting was held for comments concerning the RAB. Annual public meetings are held in the fall.
<b>Current Technical Assistance for Public Participation (TAPP):</b>	N/A
<b>TAPP Title:</b>	N/A
<b>Potential TAPP:</b>	N/A
<b>Administrative Record Location:</b>	USACE, OMAHA DISTRICT, 1616 CAPITOL AVENUE, OMAHA, NE 68102
<b>Information Repository Location:</b>	GRAND ISLAND PUBLIC LIBRARY, 211 NORTH WASHINGTON STREET, GRAND ISLAND, NE

## FIVE-YEAR / PERIODIC REVIEW SUMMARY

Status	Review Type	Start Date	End Date	Plans Narrative	Actions Narrative	Results Narrative
Completed	FYR	2019	2020	N/A	An addendum is required to address perchlorates.	The remedies are protective of human health and the environment.
Planned	FYR	2023	2024	N/A	Fourth Five-Year Review Addendum is currently in process.	N/A