SUMMARY OF THE

PART A FOR HWMA/RCRA UNITS

AT THE

IDAHO NATIONAL LABORATORY

Revision Date: September 1, 2026

INTRODUCTION

This document is intended to provide an easy-to-use summary of information contained in the Hazardous Waste Management Act (HWMA)/Resource Conservation and Recovery Act (RCRA) Part A Permit Application for the Idaho National Laboratory (INL), Volume 1. Additionally, a summary of Part A information that is found in the unit-specific HWMA/RCRA Final Partial Part B Permits for the INL and the Idaho Nuclear Technology and Engineering Center (INTEC) HWMA/RCRA Part B Post-Closure Permit for the INL is included in this document. The information has been condensed to one to two pages for each interim status unit, post-closure unit, and permitted treatment, storage, and disposal (TSD) unit at the INL. Additionally, information found in unit-specific permit modification requests (PMRs) that have not been approved by the Idaho Department of Environmental Quality (DEQ) is not included in this summary.

The information in this document reflects the most recently approved changes to the HWMA/RCRA Part A Permit Applications, HWMA/RCRA Post-Closure Permit, and the unit-specific HWMA/RCRA final partial Part B permits for the INL.

The most current revision of this document may be found on the Idaho Environmental Coalition, LLC (IEC), external web page @ https://idahoenvironmental.com/Community/

REVISION DATE	SUMMARY OF CHANGES
06/15/99	Complete revision/update of this document due to numerous changes in interim status units at the Idaho National Engineering and Environmental Laboratory (INEEL) since the issuance of the June 1995 revision.
01/31/00	Revised to reflect the following changes: • Administrative closure of Multicurie Cell (MCC) container storage unit at the INTEC – approved by the DEQ on 07/20/99 • Closure of Portable Water Treatment Unit (PWTU) at Power Burst Facility (PBF)/Test Area North (TAN) – approved by the DEQ on 07/08/99 • Closure of the WCF units at the INTEC • Approval of U134 Environmental Protection Agency (EPA) Hazardous Waste Number (HWN) for the Waste Experimental Reduction Facility (WERF) Incinerator – approved by the DEQ on 12/17/99 • INTEC Tank Farm and CPP-604 Tank Farm Tanks Information clarified • Editorial changes made to reflect the January 2000 revision of the HWMA/RCRA Part A Permit Application for the INEEL, Volume 1, Bechtel BWXT Idaho, LLC (BBWI), Books 1 and 2.
08/01/00	• Document reformatted and information added/deleted to reflect Part A Permit information for all HWMA/RCRA interim status and HWMA/RCRA permitted units at the INEEL – including units located at the Argonne National Laboratory-West (ANL-W) Facility • Incorporation of DEQ's approval of a Part A Permit Change Request – Changes to the WERF Waste Stabilization System located at the Waste Reduction Operations Complex (WROC) • Incorporation of information related to newly permitted HWMA/RCRA Units (01/27/00) at the WROC and TAN: Mixed Waste Storage Facility (MWSF), MWSF-Portable Storage Units (PSUs), WERF Waste Storage Building (WWSB), WERF Sizing, WERF Macroencapsulation, and the TAN Hazardous Waste Storage (THWS) • Deletion of information related to interim status units which have undergone closure: Heat Transfer Reactor Experiment-3 (HTRE-3) – approved by DEQ on 01/31/00; Process Experimental Pilot Plant (PREPP) Incinerator and PREPP Waste Stabilization Unit – approved by DEQ on 03/7/00; WERF Waste/Storage Feed Tanks – approved by the DEQ on 05/16/00.
01/10/01	• Document revised to incorporate information that was inadvertently omitted regarding the WROC/Power Burst Facility (PBF) permitted units: WERF Macroencapsulation Unit, WERF Sizing Unit.

REVISION DATE	SUMMARY OF CHANGES
3/29/01	Document revised to incorporate changes that have been approved by the DEQ since the last major revision to this document (08/01/00). Revised information includes: • Changes to the INTEC Process Equipment Waste (PEW) Evaporator Feed Storage and Treatment Tanks – approvals by the DEQ on 08/24/00 and 11/09/00. • Closure of Hazardous Chemical Waste Handling and Neutralization Facility HCWHNF – approved by the DEQ on 09/18/00. • WROC/PBF – WERF Incinerator Loss of Interim Status, effective date 11/02/00. • Radioactive Waste Management Complex RWMC – Closure of the Waste Characterization Facility (WCF) was approved by the DEQ on 09/25/00. Process Design Capacity changes for the RCRA Part B permitted units at the RWMC were approved by the DEQ on 10/23/00. • ANL-W – HWMA/RCRA Part B Partial Permit issued for the Sodium Components Maintenance Shop (SCMS). Interim status issued for the Intermediate Heat Exchanger (IHX), Secondary Sodium Purification System (SSPS). • BNFL Inc. – HWMA/RCRA Part B Permit issued for the Advanced Mixed Waste Treatment Facility [(AMWTF) – Building WMF-676] – issued 07/19/00 and the Advanced Mixed Waste Treatment Project [(AMWTP – Building WMF-634] – issued 08/07/00.
09/27/01	Document revised to incorporate editorial corrections and to incorporate changes that have been approved by the DEQ since the last revision to the Part A Summary (03/29/01). The revised information includes the following: • INTEC – WCF Post-Closure Permit Application units [WCF Evaporator, WCF High Efficiency Particulate Air (HEPA) Filter Storage, WCF Storage Tanks] are now identified as a landfill (process code = D80). • RWMC – Transfer of operational control of RWMC interim status units [Transuranic Storage Area (TSA)-1/TSA-R, TSA-2, TSA-Retrieval Enclosure (RE) Retrieval Modification Facility (RMF)] from BBWI to BNFL Inc., with the effective date of 06/04/01.
02/27/02	Document revised to incorporate editorial corrections and to incorporate changes that have been approved by the DEQ since the last revision to the Part A Summary (09/27/01). The revised information includes the following: • RWMC – Closure of the Intermediate-Level Transuranic Storage Facility (ILTSF) Pad 2. Closure of this unit was approved by the DEQ on 11/12/01. Addition of EPA HWNs D027, D030, D037, D043 and addition of T04 “other treatment” process code for the Waste Storage Facility (WSF).

REVISION DATE	SUMMARY OF CHANGES
02/27/02 (continued)	• WERF/WROC – Administrative closure of the Macroencapsulation Unit approved by the DEQ on 01/03/02. • AMWTP (BNFL Inc.) – Change of EPA HWNs to reflect the approved Waste Isolation Pilot Plant EPA HWNs and a reduction in process design capacity for WMF-634.
08/20/02	Document revised to incorporate editorial corrections and to incorporate changes that have been approved by the DEQ since the last revision to the Part A Summary (02/27/01). The revised information includes the following: • INTEC – Information revised to reflect the HWMA/RCRA Storage and Treatment Permit for the INTEC - Debris Treatment Processes, Holdup and Collection Tanks, CPP-659/-1659 Storage, CPP-666 Fluorinel Dissolution Process Cell Container Storage. (Permit stay lifted by the DEQ on 05/15/02) • RWMC – Revised the process codes and the process design capacity for the RWMC WSF. • TAN – Closure of the THWS Facility (TAN-628) – Closure of this unit was approved by the DEQ on 02/20/02 and the permit expired as of 06/01/02. • AMWTP (BNFL Inc.) – Revised the EPA HWN for the Transuranic Storage Area Pad 1/Pad R, and RMF. Revised EPA HWNs, process design capacities, process codes and estimated annual quantity of waste for the WMF-676 (AMWTF). • ANL-W – Closure of the SSPS – Closure of this unit was received from the DEQ on 02/14/02. Revised process codes and the process design capacity for the Hot Fuel Examination Facility/Transient Reactor Test Facility (HFEF/TREAT). Revised the process design capacity, the EPA HWNs, and the facility name for the Sodium Storage Building [(SSB) previously identified as Building 703]. Revised the process design capacity for the Sodium Process Facility (SPF).
02/27/03	Document revised to incorporate editorial corrections and to incorporate changes that have been approved by the DEQ since the last revision to the Part A Summary (08/20/02). The revised information includes the following: • Transfer of operational control of the following RWMC HWMA/RCRA Permitted Units from BBWI to BNFL Inc.: - Stored Waste Examination Pilot Plant [(SWEPP)(WMF-610)] - WSF (WMF-629, -630, -631, -632, -633) - Building WMF-635

REVISION DATE	SUMMARY OF CHANGES
02/27/03 (continued)	• Revision of EPA HWNs, process design capacities, and estimated quantities of waste for BNFL Inc. units to reflect the current permitted status of these units at the RWMC. • Revision of process design capacity, estimated annual quantity of waste and process codes for the RWMC WMF-628 facility. • WERF – Closure of the WERF Sizing Unit. Closure of this unit was approved by the DEQ on 09/23/02. • Revision of ANL-W unit information to reflect permitted status of all units at the ANL-W and the addition of tank treatment (T01) capability for 3 ANL-W unit
08/27/03	• Revision of ANL-W unit information to reflect the latest approved PMR by the DEQ (effective date of 06/16/03). The revised information includes additional EPA HWNs for the SCMS (F001, F002, F005, and U134) and the addition of the Contaminated Equipment Storage Building (CESB) under the SPF/SCMS HWMA/RCRA Storage & Treatment Permit.
02/25/04	• Revision of the Volume 18 - INTEC Permitted Unit information which includes: - Addition of two newly permitted container storage (S01) units: the Radioactive Mixed Waste Staging Facility [(RMWSF) CPP-1617] and the Hazardous Chemical and Radioactive Waste Storage Facility [(HCRWSF) CPP-1619] - Addition of CPP-659 Decon Cell (Room 308) permitted as a new miscellaneous unit (X99) - Increase in the treatment capacity (X02) of the steam spray booth and glovebox (Room 418) - Reduction in the EPA HWNs for the New Waste Calcining Facility (NWCF) and Fluorinel Dissolution Process (FDP) units to coincide with the EPA HWNs identified in the Volume 14 INTEC Liquid Waste Management System Part B Permit Application - Addition of the EPA HWN U240 for the RMWSF (CPP-1617) and the HCRWSF (CPP-1619). • Closure of WROC Permitted Units (Volume 11) and WROC Interim Status Units: WERF Incinerator, WERF Drum/Feed Blending Unit, WERF Waste Stabilization Unit, WERF Repackaging Unit – DEQ concurred that closure was completed in accordance with the approved closure plans on 09/30/03. • Closure of TAN-647– DEQ concurred with the information presented in the clean closure certification of TAN-647 Container Storage Unit on 01/09/04. • Issuance of WCF Post-Closure Permit (effective date: 10/16/03).

REVISION DATE	SUMMARY OF CHANGES
02/25/04 (continued)	• Revision of the BNFL Inc. – AMWTP Waste Storage Facility (WSF) Permit: - Increase in the process design capacity for container storage (S01) through the addition of container storage at SWEPP (28,380 gallons) - Change/addition in the treatment (T04) processes – three T04 processes (in-container absorption of liquid, decanting, and neutralization) each with the capacity of 7,040 gallons/day.
08/19/04	• Revision of the Volume 18 - INTEC Permitted Unit information: - Waste Pile Storage (S03) locations in CPP-659 were changed – Rooms 218 and 306 are no longer approved waste pile storage areas and Room 418 (Steam Spray Booth) is now an approved waste pile storage area. • Closure of the WERF/WROC Permitted and Interim Status Units - DEQ acknowledgement of completion of closure activities specified in the approved closure plan for the MWSF Repackaging Unit on May 10, 2004. • ANL-W Facility changes: - Closure of the Radioactive Sodium Storage Facility (RSSF) - CESB – new container storage (S01) and container treatment (T04) unit - Revision to the process design capacities and estimated quantities of waste for the Radioactive Scrap and Waste Facility (RSWF), HFEF, SCMS, SPF, and TREAT units - Revision of the estimated quantity of waste for the SSB unit - Revision to the EPA HWNs for the SCMS and SPF units.
02/15/05	• INEEL name changed to the INL – effective 02/01/05. • ANL-W facility name changed to the Materials and Fuels Complex (MFC) – effective February 1, 2005 [Change in facility contractor from ANL-W to Battelle Energy Alliance (BEA) – effective as of 02/01/05]. • INTEC CPP-601 Container Storage (D-Cell) Closure – DEQ approval letter dated 01/05/05. • INTEC CPP-659 NWCF Calciner Closure – DEQ approval letter dated 12/14/04. • Volume 14 Permit – HWMA/RCRA Storage and Treatment Units at the INTEC (Effective Date: 10/18/04). • Volume 18 Permit – Additional Waste Pile Storage Locations (for NWCF Calciner equipment) – DEQ approved Class 3 PMR on 12/14/2004.

REVISION DATE	SUMMARY OF CHANGES
02/15/05 (continued)	• Volume 5 Permit – RWMC transfer of WMF-610 (SWEPP) from BNFL to BBWI – DEQ approval letter dated 11/12/04. • Materials and Fuels Complex (MFC) – Revision of HWMA/RCRA Storage and Treatment Permit (Effective Date: 08/16/04) for the CESB, HFEF, SCMS, SPF, SSB, and the TREAT. • AMWTP HWMA/RCRA Treatment Permit (WMF-676) – Incorporation of revised treatment information through DEQ approval letter dated 09/22/04.
08/17/05	• Change in INL Operating Contractors – as follows: - BBWI interim status and permitted facilities are now operated by CH2M-WG Idaho, LLC. (CWI) – with an effective date of 05/01/05 - BNFL Inc., interim status and permitted facilities are now operated by BBWI – with an effective date of 05/01/05 • INTEC – Closure of CPP-1619 Permitted Storage Facility • RWMC – Transfer of Operational Control of RWMC Permitted Storage Facilities WMF-628 and WMF-610 to BBWI
02/17/06	• INTEC – ETS Permitted Units – effective as of 01/23/06 - CPP-659 Blend/Hold Tanks (S02, T01) - CPP-659 Fluoride Hot Sump Tank (S02, T01) - CPP-659 Non-Fluoride Hot Sump Tank (S02, T01) - CPP-659 Evaporator Unit (S02, X99) - CPP-659 Process Off-Gas Condensate System (S02, T01) - CPP-659 Constant Head Feed Tank (S02) • INTEC – CPP-641 West Side Waste Holdup Tanks – added D002 EPA HWN and increased EAQ from 120 to 5,000 tons • MFC – Combined EBR-II Complex information • AMWTP – Combined WSF and WMF-628 information and revised WMF-610 information
08/11/06	• INTEC – New Units, as follows: Container Storage (S02), Container Treatment (T04), Sizing/Repackaging/Compaction Treatment (T04), and Absorbent Addition (T04) Treatment – effective as of 04/10/06 - Container Storage in CPP-659 Room 428 - Container Treatment in CPP-659 in portable treatment container TK-NCD-139

REVISION DATE	SUMMARY OF CHANGES
08/11/06 (continued)	- Sizing/Repackaging/Compaction in CPP-659 Rooms 216, 306, 308, 309, 323, 418, 421, 422, and 428 - Absorbent Addition in CPP-659 Rooms 308 and 309 • AMWTP – Addition of EPA HWNs for the WSF and the SWEPP Storage Area (WMF-610) - New EPA HWNs: P077, U118, U128, U131, U135, U138, U140, U144, U145, and U147
02/22/07	• INTEC – Calcined Solids Storage Facility – HWMA/RCRA Permitted for Storage, with a Permit Effective Date of 11/9/06. • INTEC – Removal of the proposed INTEC New Tank Farm from interim status – final administrative disposition of the unit was approved by the DEQ on 10/25/06. • AMWTP – WSF and SWEPP - Addition of new EPA HWN P099 for the WSF and the SWEPP Storage Area - New storage capacity (S01) for the SWEPP = 28,380 gallons - New estimated annual quantity of waste for the SWEPP = 880,040 tons • AMWTP – Building WMF-676 - Revised process design capacities for treatment units [X02 =13,431 gallons/day (PT) and X99 = 10,312 gallons/day (SC)] - Revised process design capacity for storage units [S01 = 90,718 gallons] - Revised estimated annual quantity of waste for treatment units [X02 = 20,456 tons (PT), X99 = 15,705 tons (SC), T04 = 6,700 tons each for Absorption, Decanting, and Neutralization) - Revised estimated annual quantity of waste for storage units [S01 = 138,165 tons] - Addition of new EPA HWNs: F039, P005, P012, P022, P024, P027, P028, P030, P031, P056, P073, P075, P077, P098, P099, P104-P106, P113, P116, P119, U003, U004, U007 U009, U012, U014, U020, U032, - U048, U069, U080, U081, U083, U084, U102, U103, U108, U116, U118, U120, U123, U127, U128, U131, U135, U138, U140, U144, U145, U147, U162, U165, U169-U171, U182, U188, U190, U191, U201, U204, U207, U208, U211, U215, U217-U219, U225, U227, U328.

REVISION DATE	SUMMARY OF CHANGES
08/22/07	• INTEC – Integrated Waste Treatment Unit (IWTU) HWMA/RCRA Permitted for Storage and Treatment with DEQ approval of a Class 3 Permit Modification Request (PMR) on 04/22/07. - Storage Units (S02) = 150,570 gallons - Tank Storage Units (S02) = 15,000 gallons - Tank Treatment Unit (T01) = 5,040 gallons/day - Steam Reforming Unit (X99 – Other Treatment) = 210 gallons/hour • AMWTP – Building WMF-610 (SWEPP Storage Area) and AMWTP Waste Storage Facility - Addition of a new T04 Treatment Method = Mechanical Vibration with DEQ approval of a Class 1* PMR on 07/26/07.
02/25/08	• AMWTP – Waste Storage Facility (includes WMF-628) and the SWEPP Storage Area (WMF-610) - Addition of a new T04 Treatment Method = Macroencapsulation of waste for both the Waste Storage Facility and the SWEPP Storage Area
08/25/08	• INTEC CPP-640 Headend Storage Tank System – DEQ approved closure certification on 06/12/08 • AMWTP Partial Permit – Issued with an Effective Date of 06/04/08 - Revised treatment and storage capacities for the HWMA/RCRA units at the AMWTP based on the June 4, 2008 HWMA/RCRA Partial Permit for the AMWTP
02/23/09	• INTEC CPP-1696 (IWTU) - Increased container storage (S01) capacity for the vault storage area to 175,000 gallons - Revised tank identification from COL-SRC-190 and -191 toVES-SRC-190 and -191 - Removed storage tank (S02) COL-SRC-192 from list of tanks approved for storage at the IWTU - Added storage tanks (S02) as follows: CPP-1696 Offgas Condensate Collection Tank (TK-SRH-141) = 80 gallons; Sample Collection Tank (VES-SRC-172) = 3 gallons • MFC TREAT Facility removed – DEQ approved TREAT facility closure on 10/02/08.
09/01/09	• INTEC Closure of interim status unit VES-SFE-106. DEQ approved closure certification on 05/12/09

REVISION DATE	SUMMARY OF CHANGES
09/01/09 (continued)	• INTEC Volume 14 HWMA/RCRA Storage and Treatment Permit: - Closure of CPP-641 Westside Waste Holdup Tanks. DEQ approved closure certification on 04/17/09. • INTEC Volume 18 HWMA/RCRA Storage and Treatment Permit: - Revised Permit Effective Date: 04/27/09 - Addition of Tank Storage (S02) for CPP-666 Slab Tank (VES-FC-184) - Addition of Other Treatment (T04) at CPP-666 (compaction, sizing, repackaging) - Addition of EPA Hazardous Waste Numbers D029, F006, F007, and F009 to the following permitted units: NWCF Container Storage (S01) and Waste Pile Storage (S03) units; CPP-659 Other Miscellaneous Treatment (T04) units (compaction, sizing, repackaging, absorbent addition); and CPP-666 Container Storage (S01), Tank Storage (S02), and Other Miscellaneous Treatment units (T04) • MFC – EBR-II HWMA/RCRA Permit - Change in Operational Control from BEA to CWI – Effective Date of 08/31/09 - Addition of container storage units (S01) – Buildings 793E and 793F added to the EBR-II HWMA/RCRA Permit with CWI being the operator of these units • AMWTP - TSA Pad 1/Pad R – Addition of EPA Hazardous Waste Number P099 and increase of estimated annual quantity of waste = 573,393 tons - TSA-2 and TSA-RE RMF – removed from interim status - WSF increase of treatment capacity (T04) = 33,000 gallons/day and increase of estimated annual quantity of waste for treatment (T04) = 50,252 tons for absorption, decanting, neutralization, repackaging, physical sizing, and mechanical vibration - WMF-676 increase of estimated annual quantity of waste for treatment (T04) = 20,117 tons for absorption, decanting, neutralization, repackaging, physical sizing, and mechanical vibration - SWEPP Storage Area increase of treatment capacity (T04) = 33,000 gallons/day and increase of estimated annual quantity of waste for treatment (T04) = 50,252 tons for absorption, decanting, neutralization, repackaging, physical sizing, and mechanical vibration

REVISION DATE	SUMMARY OF CHANGES
09/01/09 (continued)	- Addition of two HWMA/RCRA Permitted units: - WMF-636 Pad 2 Container Storage Unit (S01) = 6,350,140 gallons and estimated annual quantity of waste = 1,025,285 tons - AMWTP Outside Storage Area (S01) = 404,995 gallons and estimated annual quantity of waste = 551,150 tons
02/22/10	• MFC – EBR-II HWMA/RCRA Permit (PER-120) - Removal of container storage units (S01) – Buildings 793E and 793F. DEQ acknowledged completion of closure activities for these units on 10/30/10 • AMWTP – Removed designated contractor name (BBWI) from all AMWTP units.
08/24/10	• Volume 1 Part A Permit Application – INTEC HWMA/RCRA Interim Status Units - Tank Farm Facility (TFF) Tanks – 11 TFF tanks (VES-WM-103 through VES-WM-106 and VES-WM-180 through VES-WM-186) received closure approval from DEQ (10/05/09) and therefore are no longer regulated as interim status units consequently the information pertaining to these tanks has been removed from the document. • Volume 18 – INTEC HWMA/RCRA Storage and Treatment Permit - Increase of the container storage capacity (S01) in Building CPP-666 to allow for container storage in rooms 301, 114C, 115, 180, B-4, and B-5. - Increase the miscellaneous treatment capacity (T04) to allow for absorbent addition in CPP-666 FDP Cell @ 520 gallons/day. • MFC – EBR-II HWMA/RCRA Permit (PER-120) - Increase of the tank treatment (T01) capacity to 785 gallons/day (per unit) for the Secondary Sodium Drain Tank (SSDT) System, Primary Sodium Tank System (PSS), and the Intermediate Heat Exchanger (IHX). - Increase of the estimated annual quantity of waste treated in the PSS to 13,500 pounds/year. - SSDT – Allow for the storage and treatment of corrosive waste (D002) and increase of the treatment capacity to 2,700 pounds/year. • MFC – Consolidated HWMA/RCRA Permit (PER-116)

REVISION DATE	SUMMARY OF CHANGES
08/24/10 (continued)	- Decrease of the process design capacity for the Contaminated Equipment Storage Building (CESB) from 15,000 gallons to 12,000 gallons. - Decrease of the process design capacity for the Sodium Process Facility (SPF) from 10,560 gallons to 9,386 gallons.
02/24/11	• MFC – EBR-II HWMA/RCRA Permit (PER-120) - Storage and treatment of chromium (D007) waste in the SSDT System - Storage and treatment of corrosive (D002) and chromium (D007) waste in the PSS - Storage and treatment of corrosive (D002) and chromium wastes in the IHX - Update the estimated annual quantity of waste for the permitted units
08/25/11	• INTEC –Volume 14 HWMA/RCRA Storage and Treatment Permit for the INTEC Liquid Waste Management System (ILWMS) – Approved by DEQ on 04/11/11 - Decrease in the number of tank storage (S02) units and decrease in volume of tank storage for the CPP-601 Deep Tank System (VES-WG-100, -101 and VES-WH-100, -101) – DEQ approved closure of this tank system and the CPP-602 laboratory drain lines on 12/22/10. • INTEC – Volume 21 HWMA/RCRA INTEC Post-Closure Permit – Revision Approved with changes by the DEQ – with an effective date of 08/25/11 - Addition of the CPP-601/627/640 Unit to the Post-Closure Permit • BEA – no changes in information for BEA permitted units, per the BEA point of contact • BBWI at the AMWTP – Changes in the interim status and permitted units as follows: - TSA Interim Status Units – Other Treatment (T04 Process Code) was added to include Liquid Absorption, Liquid Neutralization, Liquid Decanting, Physical Sizing, and Repackaging) with an effective date of change - 03/21/11. - Permitted Units – Macroencapsulation (T04 Process Code) is now permitted in the WSF, SWEPP, WMF-636 Pad 2, and the AMWTP Outside Storage Area with an effective date of change - 06/16/11
02/23/12	• CWI/BEA – transfer of operational control of the Sodium Process Facility (SPF) HWMA/RCRA units from BEA to CWI, Effective Date: 02/01/12.

REVISION DATE	SUMMARY OF CHANGES
02/23/12 (continued)	• AMWTP – Contractor Change from BBWI to the Idaho Treatment Group (ITG) – Effective Date: 10/01/11
08/22/12	• CWI – Volume 18 HWMA/RCRA Storage and Treatment Permit for the INTEC – Class 1* PMR approved by DEQ on 05/25/12. - Administrative closure of Portable Soak Tank (T04 – Container Treatment), TK-NCD-136 • BEA – no changes in information for BEA permitted units, per the BEA point of contact • ITG – no changes in information for ITG interim status and permitted units, per the ITG point of contact.
02/20/13	• CWI – Volume 18 HWMA/RCRA Storage and Treatment Permit for the INTEC and the Accelerated Retrieval Project (ARP) on the INL – Class 2 PMR approved by the DEQ in October 2012. - Allows for the Storage and Treatment of Waste at the ARP, located at the RWMC • CWI – PER-140 HWMA/RCRA Storage and Treatment Permit for the Sodium Processing Facility (SPF) and Secondary Sodium System (SSS) located at the MFC on the INL – Class 2 PMR/NOD approved by the DEQ on 12/05/12. - SSS piping and components storage and treatment unit was transferred from PER-120 to PER-140 because closure activities of the SSS will extend beyond the Permit Expiration Date of PER-120. • CWI – PER-120 HWMA/RCRA Storage and Treatment Permit for the EBR-II, Expiration Date – 12/02/12. • BEA – Name change for the Contaminated Equipment Storage Building (CESB) unit to the Experimental Fuels Facility (EFF). This change was approved by the DEQ on 09/17/12. • ITG – Editorial change only.
08/20/13	• CWI – Volume 18 HWMA/RCRA Storage and Treatment Permit for the INTEC and the ARP on the INL – Class 1* PMR/NOD approved with additional changes by the DEQ on 08/12/13. - Sodium Distillation System storage (S01, S02) and treatment (T04) units added for CPP-666 - Macroencapsulation Treatment (T04) Units added for CPP-1617 RMWSF • CWI – PER-140 HWMA/RCRA Storage and Treatment Permit for the SPF and SSS located at the MFC on the INL – Class 1* PMR approved by the DEQ on 06/04/13.

REVISION DATE	SUMMARY OF CHANGES
08/20/13 (continued)	- No changes to the Part A - however information has been updated to provide clarification. • BEA – Editorial corrections made. • ITG – No changes.
02/19/14	• CWI – Volume 18 HWMA/RCRA Storage and Treatment Permit for the INTEC and the ARP on the INL – Class 1* PMR approved by DEQ on 12/10/13 - Additional EPA Hazardous Waste Numbers (D027, D030, D033, D037, D042, D043, and F004) added to container storage and treatment units located within CPP-659/1659 Rooms 218, 306, 308, 418, 428 and CPP-1659. • CWI – Volume 18 HWMA/RCRA Storage and Treatment Permit for the INTEC and the ARP on the INL – Class 2 PMR approved by the DEQ on 01/22/14 - Changes to container storage (S01) capacities at the ARP - Increase in capacity of the drum packaging stations (X99) at the ARP - Decrease to the sorting table treatment (X99) capacity - Addition of Miscellaneous Unit Storage (X99) at the ARP • CWI – Volume 14 HWMA/RCRA Storage and Treatment Permit for the ILWMS on the INL – Class 2* PMR/RTA approved by the DEQ on 10/10/13 - Addition of Waste Pile Storage at the IWTU (CPP-1696) Room 112 and Room 113 • CWI – typographical errors corrected, and informational changes made • MFC – typographical errors corrected, and informational changes made • ITG – editorial corrections made to the TSA interim status unit
08/14/14	• CWI – Volume 21 Post-Closure Permit Reapplication approved by the DEQ with an Effective Date of 03/14/14 • CWI – MFC Permit Reapplication/Class 2 PMR to the Volume 18 Permit approved by the DEQ on 08/4/14 - Secondary Sodium System (SSS) Components removed from PER-140 and moved to the Volume 18 Permit (PER-109). PER-140 was allowed to expire on 08/16/14 • CWI – Class 2 PMR/RTA for the Volume 18 Permit for the Sodium Distillation System (SDS) approved by the DEQ on 07/21/14 - Operational changes made to the SDS

REVISION DATE	SUMMARY OF CHANGES
08/14/14 (continued)	- Increase of container storage (S01) capacity and tank storage (S02) capacity for VES-FC-186. Removal of distillation treatment (T04) for VES-FC-186 • CWI – MFC Sodium Process Facility (SPF) Closure approval was received from DEQ on 03/7/14 • BEA – no changes necessary • ITG – no changes necessary
02/18/15	• CWI – Volume 14 Permit Reapplication for the INTEC Liquid Waste Management System was approved by the DEQ with an Effective Date of 11/20/14 • CWI – Editorial Clarifications and typographical corrections completed as necessary • BEA – no changes necessary • ITG – no changes necessary
08/13/15	• CWI – Class 1* PMR for the Volume 18 Permit for treatment and storage changes necessary for continued waste management operations at INTEC facilities CPP-666, CPP-659, and CPP-1617, approved by the DEQ on 03/10/15 - Expansion of sizing capabilities (T04) outside of the ARS in CPP-666 FDP Cell - Addition of sodium deactivation treatment (T04) in CPP-659 Room 308 - Elimination of aisle space requirement in CPP-659 Rooms 308 and 309 - Storage configuration changes at CPP-1617 - Typographical and administrative/informational changes • CWI – Class 1* PMR for the Volume 18 Permit to incorporate changes to the CPP-666 SDS, approved by the DEQ on 05/19/15 - Replacement of existing SDS condenser and collection vessel with a new condenser/collection vessel assembly (S02, T01) and removal of the transfer vessel from the SDS - Typographical and administrative/informational changes • CWI – Class 1* PMR for the Volume 18 Permit to address changes for the processing of waste in boxes at the WMF-1617 Sludge Repackaging Project (SRP) at the RWMC, approved by the DEQ on 07/02/15 - Addition of drummed sludge in waste boxes - Increased container storage capacities in the outside storage areas

REVISION DATE	SUMMARY OF CHANGES
08/13/15 (continued)	- Changed storage configuration at WMF-698 - Typographical and administrative/informational changes • BEA – no changes necessary • ITG – no changes necessary
04/27/16	• CWI – Class 1* PMR for the Volume 18 Permit to address the following changes at the RWMC and at the INTEC: - Processing of waste in boxes at the WMF-1619 - Treatment of additional sludge waste streams at the WMF-1617 - Addition of two additional outside storage areas one near WMF-1621 and one near WMF-1617 - Addition of macroencapsulation treatment at CPP-659 Room 428 - Addition of absorption treatment in CPP-659 Room 418 - EPA Hazardous Waste Number revisions to the Part A for additional sludge waste streams at RWMC - EPA Hazardous Waste Number revisions to the Part A for CPP-659 units to ensure consistency for treatment/storage areas • CWI – MFC Secondary Sodium System Components – DEQ approved unit closure on 03/04/16 • BEA – no changes necessary • ITG – no changes necessary
08/23/16	• Class 1*PMR for the Volume 18 HWMA/RCRA Permit to address the following changes at the RWMC and at the INTEC: • Addition of EPA hazardous waste numbers at RWMC treatment and storage units for operational waste processing needs • Increase container storage capacity at the WMF-1619 outside storage area to allow for one additional trailer and one cargo container • Change in materials of construction for the WMF-1619 Retrieval Area decontamination tent • Revision of terminology for macroencapsulation treatment units at INTEC CPP-1617 and CPP-659 Room 428 • Other administrative/informational changes • Class 1* PMR to change contractors from CWI and ITG to Fluor Idaho, LLC with an effective date of 06/01/16.

REVISION DATE	SUMMARY OF CHANGES
08/23/16 (continued)	• BEA – MFC Class 1* PMR for the MFC HWMA/RCRA Permit approved by DEQ on 07/01/16. This PMR included: - Installation of a containment enclosure tent in MFC-793C for container storage, verification, repackaging and container treatment. - Removed the Experimental Fuels Facility (EFF, MFC-794) from the MFC HWMA/RCRA Permit. The EFF was closed in accordance with the approved closure certification report and DEQ approved completion of closure activities on 04/21/16. - Addition of EPA Hazardous Waste Numbers to container storage areas
02/15/17	• Minor editing/administrative update of document. No Part A changes for either BEA or Fluor Idaho.
08/17/17	• Fluor Idaho - Two separate Class 1*PMRs for the Volume 18 HWMA/RCRA Storage and Treatment Permit to address the following changes at the INTEC and RWMC: - Addition of EPA hazardous waste numbers (HWNs) at INTEC treatment and storage units to provide consistency between all units and to allow for the storage legacy waste streams in waste piles - Addition of the CPP-2725 tent for use as a container storage and macroencapsulation treatment unit - Addition of EPA hazardous waste numbers at RWMC treatment and storage units to provide for operational waste processing needs - Increase container storage capacity at the WMF-1619 facility - Revision of terminology for macroencapsulation treatment units at INTEC CPP-1617 and CPP-659 Room 428 - Other administrative/informational changes • BEA – no changes necessary
02/13/18	• Fluor Idaho, Class 2 PMR/RTA for the Volume 14 HWMA/RCRA Storage and Treatment Permit for the INTEC Liquid Waste Management System to address the following changes at the IWTU: - Addition of 2 tank storage (S02) and treatment (T01) units in CPP-1696 IWTU: VES-SRC-133 (Sump Tank) and VES-SRC-134 (Clarifier Tank) - Revision of Permit Condition II.L. (Equivalent Materials/Information) and IV.C.8 (Operating Record requirements) to align with other Permits - Other administrative/informational changes

REVISION DATE	SUMMARY OF CHANGES

02/13/18 (continued)	- Fluor Idaho – Volume 1 Part A Permit Application for the INL – INTEC:
	  - Administrative correction of the EPA Hazardous Waste Numbers for the interim status INTEC Tank Farm (VES-WM-187 through VES-WM-190) to be consistent with the INTEC Liquid Waste Management System (ILWMS) EPA Hazardous Waste Numbers, previously approved by the DEQ.
	• BEA, MFC Class 2 PMR/RTA for the HWMA/RCRA Storage and Treatment Permit to address the following changes at the MFC:
	  - Addition of 2 container storage units (S01) at the RSWF – Staging Storage Area (SSA) and the North Fenced Area (NFA)
	  - Installation of shielded container transfer station for the Hot Repair Area (HRA)
	  - Installation of auxiliary piping on the SCMS scrubber water tank
	  - Revision of Permit Condition II.M. (i.e., equivalent/superior changes)
	  - Addition of EPA Hazardous Waste Numbers to the Part A
	  - Updating the Emergency Action Manager list
	  - Other administrative/informational changes

08/20/18	• Fluor Idaho – Other administrative informational changes only • BEA – No changes necessary

02/19/19	• Fluor Idaho - Class 1 PMR for the Volume 18 HWMA/RCRA Permit for the INTEC and the RWMC on the INL to address the following changes:
	  – Addition of two container storage areas in CPP-666 to support the processing of legacy waste (Room B-6 and Room SB-4)
	  – Other administrative informational changes, as necessary
	• BEA – No changes necessary

08/20/19	• Fluor Idaho - AMWTP HWMA/RCRA Permit Reissued by DEQ with an Effective Date of May 20, 2019
	  - AMWTP Permit Effective Date revised to reflect DEQ's approval of the AMWTP Permit Reapplication
	  - Waste Storage Facility (WSF) Type II Modules - Container Storage (S01) Capacity reduced to reflect the approved AMWTP Permit
	  - The Estimated Annual Quantity of Waste for container storage (S01) for the WSF was reduced to reflect the approved AMWTP Permit
	• BEA – No changes Necessary

REVISION DATE	SUMMARY OF CHANGES
03/09/2020	• Fluor, Idaho – Class 3 PMR/RTA for the Volume 14 HWMA/RCRA Storage & Treatment Permit for the INTEC Liquid Waste Management System for modifications to systems at the IWTU, approved by the DEQ on 09/05/19: - Replacement of existing ring header in the Denitration Mineralization Reformer (DMR) with a dual plenum design - Nozzle modification and refractory repair to the Carbon Reduction Reformer (CRR) - Installation of a modified auger/grinder - Purging DMR nitrogen neck and drain line to allow increased fluidization - Modifications to sample system to increase functionality, and addition of CO_2 to the Fluidizing Gas which reduces the buildup of wall scale and cementous product deposits in the DMR - Other administrative and editorial changes • Fluor, Idaho – Class 2 PMR/RTA for the Advanced Mixed Waste Treatment Project (AMWTP) HWMA/RCRA Permit for changes necessary for continued waste management operations, approved by the DEQ on 10/18/19: - Implementation of administrative and engineering controls to support the processing of legacy mixed waste that contains potentially pyrophoric radionuclides in the WMF-676 Box lines - Removal of Permit Condition III.J.1., which prohibited the Permittee's performing treatment of pyrophoric radionuclides - Addition of training for personnel involved in these operations, addition of INL Fire Department preplanning information, and addition of operational responses in the event of a thermal reaction • Fluor, Idaho – Class 2 PMR/RTA for the Volume 18 HWMA/RCRA Permit for changes necessary for continued waste management operations, approved by the DEQ on 12/17/19: - Incorporate process changes identified in the corrective actions and lessons learned from evaluations of the WMF-1617 drum event in April 2018 - Revision of Part A Permit Application to add Sludge Repackage Project operations at WMF-1619 - Incorporate WMF-1619 SRP waste operations information to Facility and Process Descriptions, Waste Analysis Plan, and Facility Drawings and Exhibits - Create new Outside Storage Area (OSA) north of WMF-1619

REVISION DATE	SUMMARY OF CHANGES
03/09/20 (continued)	- Update the following sections with information regarding handling and potential event response for ignitable/reactive wastes: Training, Procedures to Prevent Hazards, and Contingency Plan - Other administrative and editorial changes • Fluor, Idaho – Class 1* PMR for the Volume 18 HWMA/RCRA Permit to amend the closure plan for RWMC ARP V (WMF-1617), approved by the DEQ on 12/20/19: - Allow processing of residual wastes using rake-and-hold and temperature-monitoring controls before processing waste through the DPS - Integrating RCRA closure activities with the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) non-time critical removal actions (NTCRA) - Construction of a temporary passageway to move-out heavy process equipment from WMF-1617 to WMF-1614 (ARP III) in support of ongoing CERCLA activities. • BEA – No changes necessary
08/31/2020	• Fluor, Idaho – Amendment to Interim Status Document (TSA-06) Closure Plan at the AMWTP, approved by the DEQ on 03/12/2020: - Extending closure schedule - Adding closure requirements to characterize, remove, and dispose of asphalt storage pads. - Integrating RCRA closure activities with the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) non-time critical removal actions (NTCRA) • Class 1 PMN for the Volume 18 HWMA/RCRA Permit, effective July 20, 2020: - Updating permit language to clarify authorized Sludge Repackage Project (SRP) operational requirements regarding the passageway door from WMF-1619 (ARP VII) to WMF-1621 (ARP VIII). • BEA – Class 1 PMN for replacement of fire extinguishers: - Submitted along with clean copy pages on 03/19/2020 - Public Mailout Letter to all persons on the Official INL Mailing list, providing notification of modification within 90 of putting change into effect, transmitted on 06/21/2020

REVISION DATE	SUMMARY OF CHANGES
03/01/2021	• Fluor, Idaho – Professional Engineer/RCRA Closure Certification for RWMC ARP WMF-1617. DEQ Approval on 11/09/2020 • BEA – Class 1 PMN for the MFC HWMA/RCRA Permit, changes put into effect November 4, 2020. - Clarified job titles and job descriptions in the training plan. - Updating Emergency Action Manager information. - Editorial changes. - Public Mailout Letter to all persons on the Official INL Mailing list, providing notification of modification within 90 of putting change into effect, transmitted on 12/09/2020.
09/01/2021	• Fluor, Idaho – Volume 1 Part A Permit Application for the INL (INTEC), approved by the DEQ on 04/02/21: - Administrative correction the Director for the Environment and Sustainability Division of the DOE-ID on the Environmental Protection Agency (EPA) RCRA Subtitle C Site Identification Form and the Hazardous Waste Permit Part A Form (OMB#: 2050-0024/8700-12, 8700-13A/B, 8700-23). - DEQ correspondence updated - Additional editorial changes made to the Part A Application • Fluor, Idaho – Class 2 PMR/RTA for the AMWTP HWMA/RCRA Permit, approved by the DEQ on 06/14/21: - Addition of operational controls to support the processing of legacy mixed waste that is ignitable (potentially pyrophoric) or reactive in the AMWTP WMF-676 box lines - Addition of the Hazardous Waste Number (HWN) D003 [reactive] to the AMWTP Part A Permit Application - Addition of 2 Miscellaneous Storage Units to allow storage of waste in trays on the box line sorting trough platforms. • Fluor, Idaho – Amendment to Interim Status Document (ISD-TSA-06) Closure Plan at the AMWTP, approved by the DEQ on 03/16/21: - Closure schedule revision to align with the planned sequence of closure activities. • Fluor, Idaho – Amendment to Interim Status Document Closure Plan for the INTEC Tank Farm Facility, approved by the DEQ on 03/16/21: - Closure schedule revision to Phase 5-B date to align it with a future cease use date.

REVISION DATE	SUMMARY OF CHANGES
09/01/21 (continued)	• Fluor, Idaho - Professional Engineer (PE) Certification and Addendum to Supporting Documentation for HWMA/RCRA Closure Certification of the NWCF Calciner System at INTEC. DEQ approval on 09/30/2021 • BEA – No changes necessary
03/01/2022	• IEC - Class 1* PMRs to HWMA/RCRA Permit Volumes 14, 18, 21, 22, and modifications to the Volume 1 Part A Permit Application and Transuranic Storage Area-Retrieval Enclosure Interim Status Document to change contractor from Fluor, Idaho, to Idaho Environmental Coalition, LLC (IEC), with an effective date of 01/01/2022.
09/01/2022	• IEC – Class 1 PMN for Volume 14 INTEC Liquid Waste Management System to remove the encasement line alarm MJAH-174-1C from the daily inspection requirements on INTEC Inspection FRM-4004 and remove the reference to the Remedial No. 4004-16-218. The PMN also included revisions to three (3) Volume 14 permit drawings to depict the configuration of existing steam supply valves to the CPP-659 hot sump tanks heating coils as placed in a "Locked Closed" position. DEQ concurrence on the PMN was received on June 28, 2022. • IEC - Class 1 PMN for Volume 18 INTEC to remove and replace the Sodium Distillation System (SDS) Collection Vessel, flex line, cold trap, and other components and replace with functionally equivalent components to clear a blockage between the SDS collection vessel and cold trap. DEQ concurrence was received on May 26, 2022. • IEC - DEQ approved the renewal for RWMC ARP HWMA/RCRA Permit on July 22, 2022, with an effective date of August 22, 2022. • BEA – Class 1 PMN for the MFC HWMA/RCRA Permit, changes put into effect May 11, 2022. - Addressed updating the Part A to the new revision of EPA Form 8700-12 - Corrected errors with Part A waste codes listed in Permit Module III. - Included updates to drawings, superior or equivalent change to EAM information, and informational changes.
03/01/2023	• IEC – Class 1[1] PMR for Volume 14, IWTU, to address changes based on continued testing and evaluation. The changes included: - Replace the existing Inconel 625 process gas filter bundle tiedown hardware with 316 stainless-steel; increase tiedown hardware torquing requirements and install anti-rotation devices. - Revise control logic to replace temperature indication from the Denitration Mineralization Reformer (DMR) fluidizing gas to temperature indication from the DMR fluidizing gas distributor to

REVISION DATE	SUMMARY OF CHANGES
03/01/23 (continued)	determine the temperature differential between the DMR neck and DMR fluidizing gas distributor. - Install on-site nitrogen purification units. - Add ten-second time delays for five automatic waste feed cutoff parameters. - Allow instruments AC-C-760-1 (Carbon Reduction Reformer O2 Concentration) and L-C-131-2 and D-C-131-1 (Waste Feed Tank level indication probes) to be taken out of service during routine operational maintenance activities, such as purging/cleaning and calibrations, without shutting down the process or ceasing waste feed. DEQ approval of the PMR received on January 6, 2023 • IEC - Class 1 PMN for Advanced Mixed Waste Treatment Project HMWA/RCRA Permit to add two (2) floor coating products for secondary containment systems. DEQ concurrence received October 17, 2022.
09/01/23	• Deletion of information related to interim status units which have undergone RCRA closure: AMWTP TSA-R/TSA-1 – Closure Certification approved by DEQ 05/23/23 • IEC – Class 1 PMN for Volume 14, IWTU, to address: - Adding erosion protection measures for the IWTU Product Transfer and Load-out System - Repair of hole in valve body HV-SRC-490-009 associated with Product Receiver/Cooler (PRC)-0 by welding an abrasion wear pad over the hole to include extra material thickness to accommodate erosion - Modification made in same location of the PRC-1 valve body HV-SRC-491-009 by welding a similar abrasion wear pad to increase material thickness to accommodate erosion • IEC – Class 1 PMN for Volume 21 Post-Closure Permit for INTEC WCF to address: - Revisions to three inspection forms to specify that inspections of the monitoring wells, WCF cap, and CPP-601/627/640 earthen cover will be conducted semi-annually - Text on the WCF cap and earthen cover forms also corrected to state additional inspections will be conducted following severe storms as required by the Permit • IEC – Class 1 PMN for Volume 14, IWTU, to address administrative and informational changes for the IWTU and for pre-construction activities for the Product Storage Building II:

REVISION DATE	SUMMARY OF CHANGES
09/01/23 (continued)	- Removal of a manual fire alarm box and emergency exit designation in the northeast corner of the existing PSB - Inspection form FRM-1116 revised - Update Exhibit G-11 to include location of spill cabinets, safety showers, and eyewash stations • IEC – Class 1 PMN for Volume 14, IWTU, to address the addition of new heaters to the IWTU denitration mineralization reformer (DMR) carbon dioxide purge line • BEA – 05/10/23 Class 1 PMR requiring prior director approval associated with D&D activities within the Sodium Components Maintenance Shop for the MFC HWMA/RCRA Permit to address: - Removal of equipment and components associated with the solidification station. [40 CFR 270.42, Appendix I, A.1], - Removal of equipment and components associated with carbonation vessels, and ancillary equipment. The carbonation vessel was used to deactivate hydroxide solutions transferred from the scrubber water tank within SCMS. The scrubber water treatment limit or process unit capacity of 1,032 gal/day associated with the carbonation vessel listed in the Part A will be removed. [40 CFR 270.42, Appendix I, G.1.e], - Removal of inner curbing around where old alcohol tanks were located and the pit containing the empty alcohol tank and caisson are located. [40 CFR 270.42, Appendix I, A.1], - Clarifying that additional storage area within SCMS will be included where the alcohol tanks and caisson were located. [40 CFR 270.42 Appendix I, A.1], - Updates to drawings, a superior or equivalent change to the Emergency Action Manager (EAM) information, and information changes. [40 CFR 270.42 Appendix I, A.1]
03/01/24	• Deletion of information related to RWMC ARP units which have undergone RCRA closure: WMF-698, WMF-1619, and the Outside Storage Areas – Closure Certification approved by DEQ 09/28/23. RWMC-ARP permit (PER-156) has been terminated. • IEC – Class 1 PMN for Advanced Mixed Waste Treatment Project (AMWTP) HWMA/RCRA Permit to: - Change the description of the AMWTP Outside Storage Area (OSA) to include the paved area between the northeast side of WMF-636 between WMF-636 and WMF-635.

REVISION DATE	SUMMARY OF CHANGES
03/01/24 (continued)	- Change the maximum number of loaded trailers allowed in the AMWTP OSA from 6 to 19 while not increasing permitted storage capacity. • IEC – Class 1* PMR for Volume 22 HWMA/RCRA Permit for the Calcined Solids Storage Facility at the INTEC to change/remove permit conditions that are no longer applicable (II.J.2., II.J.4., and II.J.5.). DEQ concurrence received December 5, 2023. • IEC – Class 1 PMR for Volume 14 Permit, Integrated Waste Treatment Unit (IWTU). DEQ concurrence received December 26, 2023. Changes included: - Attachment 1, Section B – Added statements that construction of the Vault Storage Area addition was started in the calendar year 2023 and a Class 2 PMR will be submitted to increase the storage capacity when the additional construction is complete. - Attachment 1, Section D – Added Appendix D-8, "Integrated Waste Treatment Unit Construction of the Vault Storage Area Addition" which includes: o Construction Specification (SPC) – IWTU Product Storage Building II Final Design, SPC-3245, Rev. 0, March 14, 2023 o Engineering Design File (EDF) – Design Analysis and Calculations for IWTU Product Storage Building II, EDF-11447, Rev. 0, March 2, 2023 o Product Storage Building II Construction Drawing Package • IEC – Class 1* PMR for Volume 14 Permit to change/remove permit conditions that are no longer applicable (II.J.2., II.J.4., and II.J.5.). DEQ concurrence received December 6, 2023 • BEA – Received concurrence from DEQ on November 24, 2023, for the HWMA/RCRA Closure Certification Report of the Carbonation Vessel in the Sodium Components Maintenance Shop.
09/01/24	• IEC – Class 1 PMN for the Advanced Mixed Waste Treatment Project (AMWTP) HWMA/RCRA Permit to remove text from statements referring to FW-TK-4301 and WMF-1616 in Section F-3a(6), as those items were removed from service. DEQ concurrence received June 13, 2024. • IEC – Class 1-1 PMR for the Volume 14 Permit, Integrated Waste Treatment Unit (IWTU). DEQ approval received March 1, 2024. Changes included: - Permit Condition II.P.3. – revised to remove the terminology "Class 2" - Permit Condition VI, Table VI-1 – revised specific operating project limits (OPLs) and automatic waste feed cutoff (AWFCO) limits

REVISION DATE	SUMMARY OF CHANGES
09/01/24 (continued)	resulting from system performance test (SPT), as documented in SPT report - Revised drawings to reflect changes determined necessary during the GAC outage: ○ 632755, 632756, 632760, 632762, 632782, 632787 - Attachment 1, Section D – revised to describe the alumina hydroxide addition to the denitration mineralization reformer (DMR) during normal operations to reduce the formation of agglomeration in the DMR • IEC – INTEC Post-Closure Permit Renewal Application approved by DEQ on February13, 2024, with an effective date of March 15, 2024. • IEC – INTEC Waste Management Operations Permit Renewal Application approved by DEQ on May 30, 2024, with an effective date of June 27, 2024. • IEC – Class 1-1 PMR for the Volume 14 Permit, IWTU. DEQ approval received June 24, 2024. Permit language in the following areas was updated to describe and accommodate the generation and compliant management of equipment waste containers generated from maintenance activities or modifications to components in the IWTU process cells: - Permit Module III - Attachment 1, Section B - Attachment 1, Sections D-1, D-1b(1), D-1b(2), D-1b(3), and D-1b(4) - Attachment 2, Sections C-1, C-1a, and C-1g - Attachment 4, Section F-2b(1), Appendix F-1 (FRM-1119), and Appendix F-5 - Attachment 6, Sections F-3b and F-4a - Attachment 7, Section G-4i
03/01/25	• IEC – Class 1 PMN for the INTEC Liquid Waste Management System Permit to increase the frequency to the monitoring, sampling, and maintenance for the IWTU sulfur-impregnated granular activated carbon beds and mercury monitoring plan. DEQ concurrence received January 30, 2025. • BEA – Class 1 PMN for MFC HWMA/RCRA Permit submitted to DEQ on September 24, 2024, to: - Reduce training plan redundancies, clarify job titles and job descriptions, and update equivalent materials information • BEA – Received concurrence from DEQ on October 16, 2024, for Class 1 PMN sent on September 24, 2024.

REVISION DATE	SUMMARY OF CHANGES
09/01/25	• IEC – INTEC Liquid Waste Management System (ILWMS) Permit Renewal Application approved by DEQ on May 9, 2025, with an effective date of June 9, 2025. • IEC – Class 1 PMN for the INTEC Waste Management Operations (WMO) Permit to incorporate administrative/informational changes to an inspection form for the Sodium Distillation System at INTEC. DEQ concurrence received June 11, 2025. • IEC – Update to the Volume 1 Part A Permit Application for the INL (INTEC), approved by the DEQ on 03/31/25: - Updated information on the Hazardous Waste Permit Part A Form and the RCRA Subtitle C Identification Form - Documented additional Idaho DEQ correspondence - Provided updated maps for INTEC - Editorial/administrative changes made, as necessary • IEC – Class 1 PMN for the AMWTP Permit to replace the concrete aprons for the Type-II Modules with asphalt. DEQ concurrence received on July 7, 2025. • BEA – Submitted Renewal Application for MFC HWMA/RCRA Permit to DEQ on April 1, 2025. • BEA – DEQ provided completeness determination to BEA for MFC HWMA/RCRA Permit Renewal Application on April 18, 2025. • BEA – DEQ issued NOD to BEA for MFC HWMA/RCRA Permit Renewal Application on June 16, 2025.
03/01/26	• IEC – Class 1 PMN for the AMWTP Permit to update a drawing due to replacement of an uninterruptable power supply system and the addition of an inlet. DEQ concurrence received on August 14, 2025. • IEC – Class 1 PMN for the Calcined Solids Storage Facility (CSSF) Permit to remove hazardous waste numbers not applicable to the CSSF. DEQ concurrence received on December 22, 2025. • BEA – Submitted Renewal Application for the MFC HWMA/RCRA Permit to DEQ on July 23, 2025, in response to the NOD issued by DEQ on June 16, 2025. • BEA – DEQ provided technical completeness for the NOD response on August 4, 2025. • BEA – DEQ provided final approval for the Draft MFC HWMA/RCRA Permit on December 2, 2025, and transmitted the Final MFC HWMA/RCRA Permit on December 3, 2025, with an effective date of December 5, 2025.
09/01/26	• IEC – Class 1 PMN for the ILWMS Permit to incorporate administrative and informational changes to drawings and inspection forms for the IWTU. DEQ concurrence received on January 20, 2026. • IEC – Class 1 PMN for the INTEC WMO Permit due to administrative and informational changes to HWMA inspection forms to add barcode

REVISION DATE	SUMMARY OF CHANGES
09/01/26 (continued)	numbers to fire extinguishers at INTEC. DEQ concurrence received on February 11, 2026. • IEC – Update to the Volume 1 Part A Permit Application for the INL (INTEC), approved by the DEQ on April 6, 2026: - Updated information on the Hazardous Waste Permit Part A Form and the RCRA Subtitle C Identification Form - Provided updated Idaho DEQ correspondence documentation - Editorial/administrative changes made, as necessary • IEC – Class 2 PMR/RTA for the INTEC WMO Permit to construct a new hazardous waste management unit (CPP-2749) at the north end of INTEC. DEQ approval received July 16, 2026. • BEA – No changes necessary.

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UNIT: INTEC Tank Farm
(VES-WM-187, VES-WM-188, VES-WM-189, VES-WM-190)

LOCATION: INTEC

WASTE TYPE: Hazardous and Radioactive Mixed Waste

CURRENT STATUS: Interim Status (operates under Consent Order)

PROCESS CODES: S02 – Tank Storage

PROCESS DESIGN CAPACITY: **S02 – 1,200,000 gallons total**
VES-WM-187 through VES-WM-190 = 300,000 gallons each

ESTIMATED ANNUAL QUANTITY OF WASTE: S02 = 4,116 tons

ENVIRONMENTAL PROTECTION AGENCY HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED
D001-D002 D004-D011 D018-D019 D021-D022 D026 D028 D032 D034-D036 D038-D040	F001-F003 F005	Not Applicable	Not Applicable	U134

UNIT: CPP-633 Waste Calcining Facility (WCF) Evaporator, WCF HEPA Filter Storage, WCF Storage Tanks and CPP-601/627/640 Landfill Unit

LOCATION: INTEC

WASTE TYPE: Radioactive Mixed Waste

CURRENT STATUS: Post-Closure Permit (Effective Date: March 15, 2024)

PROCESS CODES: D080 – Landfill

PROCESS DESIGN CAPACITY: **D80 – 59 cubic yards**
CPP-633 WCF Units (includes WCF Evaporator, WCF HEPA Filter Storage and WCF Storage Tanks)
D80 – 22 cubic yards
CPP-601/627/640 Unit

ESTIMATED ANNUAL QUANTITY OF WASTE: D80 = 81 cubic yards total

ENVIRONMENTAL PROTECTION AGENCY HAZARDOUS WASTE NUMBER(s):

WCF UNITS

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED
D004-D005 D007-D010	F001-F002	Not Applicable	Not Applicable	U134

CPP-601/627/640 UNIT

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED
D001-D002 D004- D011 D018-D019 D021-D022 D026 D028 D032 D034-D036 D038-D040	F001-F003 F005	Not Applicable	Not Applicable	U134

UNIT: Calcined Solids Storage Facility (CSSF)
(Binsets #1 – 7)

LOCATION: INTEC

WASTE TYPE: Hazardous and Radioactive Mixed Waste

CURRENT STATUS: RCRA Part B Permitted Unit (Volume 22 - Effective Date: June 26, 2017)

PROCESS CODES: S02 – Tank Storage

PROCESS DESIGN CAPACITY: **S02 – 7,137 cubic meters or 1,885,595.4 gallons total**
Binset # 1 = 235 cubic meters or 62,087 gallons
Binset # 2 = 895 cubic meters or 236,459 gallons
Binset # 3 = 1,133 cubic meters or 299,338.6 gallons
Binset # 4 = 502 cubic meters or 132,628.4 gallons
Binset # 5 = 1,025 cubic meters or 270,805 gallons
Binset # 6 = 1,563 cubic meters or 412,944.6 gallons
Binset # 7 = 1,784 cubic meters or 471,332.8 gallons

ESTIMATED ANNUAL QUANTITY OF WASTE: S02 = 8,400 tons

ENVIRONMENTAL PROTECTION AGENCY HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED
D004-D011	Not Applicable	Not Applicable	Not Applicable	Not Applicable

UNIT: CPP-604 Process Condensate Collection Tanks
(VES-WL-106, VES-WL-107, VES-WL-163)

LOCATION: INTEC

WASTE TYPE: Hazardous and Radioactive Mixed Waste

CURRENT STATUS: RCRA Part B Permitted Unit (Effective Date: June 9, 2025)

PROCESS CODES: S02 – Tank Storage
T01 – Tank Treatment

PROCESS DESIGN CAPACITY: **S02 – 15,000 gallons total**
VES-WL-106 = 5,000 gallons
VES-WL-107 = 5,000 gallons
VES-WL-163 = 5,000 gallons

T01 – 15,000 gallons/day total
VES-WL-106 = 5,000 gallons/day
VES-WL-107 = 5,000 gallons/day
VES-WL-163 = 5,000 gallons/day

ESTIMATED ANNUAL QUANTITY OF WASTE: S02 and T01 = 13,500 tons

ENVIRONMENTAL PROTECTION AGENCY HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED
D001-D002 D004-D011 D018-D019 D021-D022 D026 D028 D032 D034-D036 D038-D040	F001-F003 F005	Not Applicable	Not Applicable	U134

UNIT: CPP-604 Process Equipment Waste (PEW) Evaporator Units (EVAP-WL-129, EVAP-WL-161)

LOCATION: INTEC

WASTE TYPE: Hazardous and Radioactive Mixed Waste

CURRENT STATUS: RCRA Part B Permitted Unit (Effective Date: June 9, 2025)

PROCESS CODES: S02 – Tank Storage
X99 – Other Subpart X Treatment (Evaporation)

PROCESS DESIGN CAPACITY: **S02 – 2,000 gallons**
EVAP-WL-129 = 1,000 gallons
EVAP-WL-161 = 1,000 gallons

X99 – 1,000 gallons/hour total
EVAP-WL-129 = 500 gallons/hour
EVAP-WL-161 = 500 gallons/hour

ESTIMATED ANNUAL QUANTITY OF WASTE: S02 and X99 = 13,600 tons

ENVIRONMENTAL PROTECTION AGENCY HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED
D001-D002 D004-D011 D018-D019 D021-D022 D026 D028 D032 D034-D036 D038-D040	F001-F003 F005	Not Applicable	Not Applicable	U134

UNIT: CPP-604 Bottoms Collections Tanks
(VES-WL-101, VES-WL-111)

LOCATION: INTEC

WASTE TYPE: Hazardous and Radioactive Mixed Waste

CURRENT STATUS: RCRA Part B Permitted Unit (Effective Date: June 9, 2025)

PROCESS CODES: S02 – Tank Storage
T01 – Tank Treatment

PROCESS DESIGN CAPACITY: **S02 – 19,900 gallons total**
VES-WL-101 = 18,400 gallons
VES-WL-111 = 1,500 gallons
T01 – 19,000 gallons/day total
VES-WL-101 = 16,000 gallons/day
VES-WL-111 = 3,000 gallons/day

ESTIMATED ANNUAL QUANTITY OF WASTE: S02 and T01 = 270 tons

ENVIRONMENTAL PROTECTION AGENCY HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED
D001-D002 D004-D011 D018-D019 D021-D022 D026 D028 D032 D034-D036 D038-D040	F001-F003 F005	Not Applicable	Not Applicable	U134

UNIT: CPP-604 Surge Tank for VES-WL-133 (VES-WL-102)

LOCATION: INTEC

WASTE TYPE: Hazardous and Radioactive Mixed Waste

CURRENT STATUS: RCRA Part B Permitted Unit (Effective Date: June 9, 2025)

PROCESS CODES: S02 – Tank Storage
T01 – Tank Treatment

PROCESS DESIGN CAPACITY: **S02 – 18,400 gallons total**
VES-WL-102 = 18,400 gallons
T01 – 18,400 gallons/day total
VES-WL-102 = 18,400 gallons/day

ESTIMATED ANNUAL QUANTITY OF WASTE: S02 and T01 = 16,600 tons

ENVIRONMENTAL PROTECTION AGENCY HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED
D001-D002 D004-D011 D018-D019 D021-D022 D026 D028 D032 D034-D036 D038-D040	F001-F003 F005	Not Applicable	Not Applicable	U134

UNIT: CPP-604 Evaporator Feed Sediment Tank (VES-WL-132)

LOCATION: INTEC

WASTE TYPE: Hazardous and Radioactive Mixed Waste

CURRENT STATUS: RCRA Part B Permitted Unit (Effective Date: June 9, 2025)

PROCESS CODES: S02 – Tank Storage
T01 – Tank Treatment

PROCESS DESIGN CAPACITY: **S02 – 4,700 gallons total**
VES-WL-132 = 4,700 gallons
T01 – 28,000 gallons/day total
VES-WL-132 = 28,000 gallons/day

ESTIMATED ANNUAL QUANTITY OF WASTE: S02 and T01 = 13,600 tons

ENVIRONMENTAL PROTECTION AGENCY HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED
D001-D002 D004-D011 D018-D019 D021-D022 D026 D028 D032 D034-D036 D038-D040	F001-F003 F005	Not Applicable	Not Applicable	U134

UNIT: CPP-604 Evaporator Feed Collection Tank (VES-WL-133)

LOCATION: INTEC

WASTE TYPE: Hazardous and Radioactive Mixed Waste

CURRENT STATUS: RCRA Part B Permitted Unit (Effective Date: June 9, 2025)

PROCESS CODES: S02 – Tank Storage
T01 – Tank Treatment

PROCESS DESIGN CAPACITY: **S02 – 19,000 gallons total**
VES-WL-133 = 19,000 gallons
T01 – 28,000 gallons/day total
VES-WL-133 = 28,000 gallons/day

ESTIMATED ANNUAL QUANTITY OF WASTE: S02 and T01 = 16,600 tons

ENVIRONMENTAL PROTECTION AGENCY HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED
D001-D002 D004-D011 D018-D019 D021-D022 D026 D028 D032 D034-D036 D038-D040	F001-F003 F005	Not Applicable	Not Applicable	U134

UNIT: CPP-659 New Waste Calcining Facility (NWCF) Blend and Hold Tanks (VES-NCC-101, VES-NCC-102, VES-NCC-103)

LOCATION: INTEC

WASTE TYPE: Hazardous and Radioactive Mixed Waste

CURRENT STATUS: RCRA Part B Permitted Unit (Effective Date: June 9, 2025)

PROCESS CODES: S02 – Tank Storage
T01 – Tank Treatment

PROCESS DESIGN CAPACITY: **S02 – 13,870 gallons**
VES-NCC-101 = 5,870 gallons
VES-NCC-102 = 4,000 gallons
VES-NCC-103 = 4,000 gallons

T01 – 27,740 gallons
VES-NCC-101 = 11,740 gallons/day
VES-NCC-102 = 8,000 gallons/day
VES-NCC-103 = 8,000 gallons/day

ESTIMATED ANNUAL QUANTITY OF WASTE: S02 and T01 = 54,800 tons

ENVIRONMENTAL PROTECTION AGENCY HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED
D001-D002 D004-D011 D018-D019 D021-D022 D026 D028 D032 D034-D036 D038-D040	F001-F003 F005	Not Applicable	Not Applicable	U134

UNIT: CPP-659 NWCF Fluoride Hot Sump Tank (VES-NCC-119)

LOCATION: INTEC

WASTE TYPE: Hazardous and Radioactive Mixed Waste

CURRENT STATUS: RCRA Part B Permitted Unit (Effective Date: June 9, 2025)

PROCESS CODES: S02 – Tank Storage
T01 – Tank Treatment

PROCESS DESIGN CAPACITY: **S02 – 6,500 gallons**
VES-NCC-119 = 6,500 gallons
T01 – 6,500 gallons/day
VES-NCC-119 = 6,500 gallons/day

ESTIMATED ANNUAL QUANTITY OF WASTE: S02 and T01 = 12,800 tons

ENVIRONMENTAL PROTECTION AGENCY HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED
D001-D002 D004-D011 D018-D019 D021-D022 D026 D028 D032 D034-D036 D038-D040	F001-F003 F005	Not Applicable	Not Applicable	U134

UNIT: CPP-659 NWCF Non-Fluoride Hot Sump Tank (VES-NCC-122)

LOCATION: INTEC

WASTE TYPE: Hazardous and Radioactive Mixed Waste

CURRENT STATUS: RCRA Part B Permitted Unit (Effective Date: June 9, 2025)

PROCESS CODES: S02 – Tank Storage
T01 – Tank Treatment

PROCESS DESIGN CAPACITY: **S02 – 4,300 gallons**
VES-NCC-122 = 4,300 gallons
T01 – 8,600 gallons
VES-NCC-122 = 8,600 gallons/day

ESTIMATED ANNUAL QUANTITY OF WASTE: S02 and T01 = 15,800 tons

ENVIRONMENTAL PROTECTION AGENCY HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED
D001-D002 D004-D011 D018-D019 D021-D022 D026 D028 D032 D034-D036 D038-D040	F001-F003 F005	Not Applicable	Not Applicable	U134

UNIT: CPP-659 NWCF Evaporator Unit
[EVAP-NCC-150 (which includes VES-NCC-150, HE-NCC-350, HE-NCC-351)]

LOCATION: INTEC

WASTE TYPE: Hazardous and Radioactive Mixed Waste

CURRENT STATUS: RCRA Part B Permitted Unit (Effective Date: June 9, 2025)

PROCESS CODES: S02 – Tank Storage
X99 – Other Subpart X Treatment (Evaporation)

PROCESS DESIGN CAPACITY: **S02 – 2,600 gallons**
EVAP-NCC-150 Unit = 2,600 gallons
X99 – 500 gallons/hour
EVAP-NCC-150 Unit = 500 gallons/hour

ESTIMATED ANNUAL QUANTITY OF WASTE: S02 and X99 = 19,750 tons

ENVIRONMENTAL PROTECTION AGENCY HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED
D001-D002 D004-D011 D018-D019 D021-D022 D026 D028 D032 D034-D036 D038-D040	F001-F003 F005	Not Applicable	Not Applicable	U134

UNIT: CPP-659 NWCF Process Off-Gas Condensate System (VES-NCC-108, VES-NCC-116, VES-NCC-136)

LOCATION: INTEC

WASTE TYPE: Hazardous and Radioactive Mixed Waste

CURRENT STATUS: RCRA Part B Permitted Unit (Effective Date: June 9, 2025)

PROCESS CODES: S02 – Tank Storage
T01 – Tank Treatment

PROCESS DESIGN CAPACITY: **S02 – 2,560 gallons**
VES-NCC-108 = 2,000 gallons
VES-NCC-116 = 500 gallons
VES-NCC-136 = 60 gallons

T01 – 4,000 gallons/day
VES-NCC-108 = 4,000 gallons/day

ESTIMATED ANNUAL QUANTITY OF WASTE: S02 and T01 = 7,900 tons

ENVIRONMENTAL PROTECTION AGENCY HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED
D001-D002 D004-D011 D018-D019 D021-D022 D026 D028 D032 D034-D036 D038-D040	F001-F003 F005	Not Applicable	Not Applicable	U134

UNIT: CPP-659 NWCF Constant Head Feed Tank (VES-NCC-152)

LOCATION: INTEC

WASTE TYPE: Hazardous and Radioactive Mixed Waste

CURRENT STATUS: RCRA Part B Permitted Unit (Effective Date: June 9, 2025)

PROCESS CODES: S02 – Tank Storage

PROCESS DESIGN CAPACITY: **S02 – 200 gallons**
VES-NCC-152 = 200 gallons

ESTIMATED ANNUAL QUANTITY OF WASTE: S02 = 19,750 tons

ENVIRONMENTAL PROTECTION AGENCY HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED
D001-D002 D004-D011 D018-D019 D021-D022 D026 D028 D032 D034-D036 D038-D040	F001-F003 F005	Not Applicable	Not Applicable	U134

UNIT: CPP-1618 Liquid Effluent Treatment and Disposal (LET&D) Acid Fractionators (VES-WLL-170, VES-WLK-171, FRAC-WLL-170, FRAC-WLK-171)

LOCATION: INTEC

WASTE TYPE: Hazardous and Radioactive Mixed Waste

CURRENT STATUS: RCRA Part B Permitted Unit (Effective Date: June 9, 2025)

PROCESS CODES: S02 – Tank Storage
X99 – Other Subpart X Treatment (Fractionation)

PROCESS DESIGN CAPACITY: **S02 – 920 gallons**
VES-WLL-170 = 460 gallons
VES-WLK-171 = 460 gallons

X99 – 1,100 gallons/hour total
FRAC-WLL-170 = 550 gallons/hour
FRAC-WLK-171 = 550 gallons/hour

ESTIMATED ANNUAL QUANTITY OF WASTE: S02 and X99 = 13,500 tons

ENVIRONMENTAL PROTECTION AGENCY HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED
D001-D002 D004-D011 D018-D019 D021-D022 D026 D028 D032 D034-D036 D038-D040	F001-F003 F005	Not Applicable	Not Applicable	U134

UNIT: CPP-1618 LET&D Nitric Acid Recycle Tank System (VES-NCR-171, VES-NCR-173)

LOCATION: INTEC

WASTE TYPE: Hazardous and Radioactive Mixed Waste

CURRENT STATUS: RCRA Part B Permitted Unit (Effective Date: June 9, 2025)

PROCESS CODES: S02 – Tank Storage

PROCESS DESIGN CAPACITY: **S02 – 22,590 gallons total**
VES-NCR-171 = 22,500 gallons
VES-NCR-173 = 90 gallons

ESTIMATED ANNUAL QUANTITY OF WASTE: S02 = 270 tons

ENVIRONMENTAL PROTECTION AGENCY HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED
D001-D002 D004-D011 D018-D019 D021-D022 D026 D028 D032 D034-D036 D038-D040	F001-F003 F005	Not Applicable	Not Applicable	U134

UNIT: CPP-604 Tank Farm Tanks
(VES-WM-100, VES-WM-101, VES-WM-102)

LOCATION: INTEC

WASTE TYPE: Hazardous and Radioactive Mixed Waste

CURRENT STATUS: RCRA Part B Permitted Unit (Effective Date: June 9, 2025)

PROCESS CODES: S02 – Tank Storage
T01 – Tank Treatment

PROCESS DESIGN CAPACITY: **S02 – 55,200 gallons total**
VES-WM-100 = 18,400 gallons
VES-WM-101 = 18,400 gallons
VES-WM-102 = 18,400 gallons

T01 – 55,200 gallons/day total
VES-WM-100 = 18,400 gallons/day
VES-WM-101 = 18,400 gallons/day
VES-WM-102 = 18,400 gallons/day

ESTIMATED ANNUAL QUANTITY OF WASTE: S02 and T01 = 13,600 tons

ENVIRONMENTAL PROTECTION AGENCY HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED
D001-D002 D004-D011 D018-D019 D021-D022 D026 D028 D032 D034-D036 D038-D040	F001-F003 F005	Not Applicable	Not Applicable	U134

UNIT: CPP-604 Evaporator Head Tank (VES-WL-109)

LOCATION: INTEC

WASTE TYPE: Hazardous and Radioactive Mixed Waste

CURRENT STATUS: RCRA Part B Permitted Unit (Effective Date: June 9, 2025)

PROCESS CODES: S02 – Tank Storage

PROCESS DESIGN CAPACITY: **S02 – 270 gallons total**
VES-WL-109 = 270 gallons

ESTIMATED ANNUAL QUANTITY OF WASTE: S02 = 13,600 tons

ENVIRONMENTAL PROTECTION AGENCY HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED
D001-D002 D004-D011 D018-D019 D021-D022 D026 D028 D032 D034-D036 D038-D040	F001-F003 F005	Not Applicable	Not Applicable	U134

UNIT: CPP-604 Process Condensate Surge Tanks
(VES-WL-134, VES-WL-131)

LOCATION: INTEC

WASTE TYPE: Hazardous and Radioactive Mixed Waste

CURRENT STATUS: RCRA Part B Permitted Unit (Effective Date: June 9, 2025)

PROCESS CODES: S02 – Tank Storage

PROCESS DESIGN CAPACITY: **S02 – 566 gallons total**
VES-WL-134 = 500 gallons
VES-WL-131 = 66 gallons

ESTIMATED ANNUAL QUANTITY OF WASTE: S02 = 13,600 tons

ENVIRONMENTAL PROTECTION AGENCY HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED
D001-D002 D004-D011 D018-D019 D021-D022 D026 D028 D032 D034-D036 D038-D040	F001-F003 F005	Not Applicable	Not Applicable	U134

UNIT: CPP-604 Process Off-gas Condensate Knock Out Tank (VES-WL-108)

LOCATION: INTEC

WASTE TYPE: Hazardous and Radioactive Mixed Waste

CURRENT STATUS: RCRA Part B Permitted Unit (Effective Date: June 9, 2025)

PROCESS CODES: S02 – Tank Storage

PROCESS DESIGN CAPACITY: **S02 – 98 gallons total**
VES-WL-108 = 98 gallons

ESTIMATED ANNUAL QUANTITY OF WASTE: S02 = 13,500 tons

ENVIRONMENTAL PROTECTION AGENCY HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED
D001-D002 D004-D011 D018-D019 D021-D022 D026 D028 D032 D034-D036 D038-D040	F001-F003 F005	Not Applicable	Not Applicable	U134

UNIT: CPP-604 Process Waste Liquid System Tanks
(VES-WL-135, VES-WL-136, VES-WL-137, VES-WL-138, VES-WL-139, VES-WL-142, VES-WL-144, VES-WL-150)

LOCATION: INTEC

WASTE TYPE: Hazardous and Radioactive Mixed Waste

CURRENT STATUS: RCRA Part B Permitted Unit (Effective Date: June 9, 2025)

PROCESS CODES: S02 – Tank Storage

PROCESS DESIGN CAPACITY: **S02 – 165 gallons total**
VES-WL-135 = 10 gallons
VES-WL-136 = 10 gallons
VES-WL-137 = 25 gallons
VES-WL-138 = 25 gallons
VES-WL-139 = 10 gallons
VES-WL-142 = 10 gallons
VES-WL-144 = 25 gallons
VES-WL-150 = 50 gallons

ESTIMATED ANNUAL QUANTITY OF WASTE: S02 = 8 tons

ENVIRONMENTAL PROTECTION AGENCY HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED
D001-D002 D004-D011 D018-D019 D021-D022 D026 D028 D032 D034-D036 D038-D040	F001-F003 F005	Not Applicable	Not Applicable	U134

UNIT: CPP-1618 Acid Fractionator Waste Feed Head Tank (VES-WLK-197)

LOCATION: INTEC

WASTE TYPE: Hazardous and Radioactive Mixed Waste

CURRENT STATUS: RCRA Part B Permitted Unit (Effective Date: June 9, 2025)

PROCESS CODES: S02 – Tank Storage

PROCESS DESIGN CAPACITY: **S02 – 270 gallons total**
VES-WLK-197 = 270 gallons

ESTIMATED ANNUAL QUANTITY OF WASTE: S02 = 13,500 tons

ENVIRONMENTAL PROTECTION AGENCY HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED
D001-D002 D004-D011 D018-D019 D021-D022 D026 D028 D032 D034-D036 D038-D040	F001-F003 F005	Not Applicable	Not Applicable	U134

UNIT: CPP-1618 Acid Fractionator Bottoms Tank (VES-WLL-195)

LOCATION: INTEC

WASTE TYPE: Hazardous and Radioactive Mixed Waste

CURRENT STATUS: RCRA Part B Permitted Unit (Effective Date: June 9, 2025)

PROCESS CODES: S02 – Tank Storage

PROCESS DESIGN CAPACITY: **S02 – 270 gallons total**
VES-WLL-195 = 270 gallons

ESTIMATED ANNUAL QUANTITY OF WASTE: S02 = 13,600 tons

ENVIRONMENTAL PROTECTION AGENCY HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED
D001-D002 D004-D011 D018-D019 D021-D022 D026 D028 D032 D034-D036 D038-D040	F001-F003 F005	Not Applicable	Not Applicable	U134

UNIT: CPP-1696 Integrated Waste Treatment Unit (IWTU)
(VES-SRC-131, VES-SRC-969, VES-SRC-190, VES-SRC-191, TK-SRH-196, TK-SRH-141, VES-SRC-140, VES-SRC-160, waste pile storage, vault storage area, and vault staging area)

LOCATION: INTEC

WASTE TYPE: Radioactive Mixed Waste

CURRENT STATUS: RCRA Part B Permitted Unit (Effective Date: June 9, 2025)

PROCESS CODES:
S01 – Container Storage
S02 – Tank Storage
S03 – Waste Pile Storage
T01 – Tank Treatment
X99 – Other Subpart X Treatment – Steam Reforming

PROCESS DESIGN CAPACITY:

S01 – 410,960 gallons (1556 m^3) total
Vault Storage Area = 402,930 gallons
Vault Staging Area = 4,070 gallons
Rooms 102/105, 107, 109/117 = 3,960 gallons

S02 – 19,054 gallons total
Waste Feed Tank (VES-SRC-131) = 2,170 gallons
Product Receiver/Cooler VES-SRC-190 = 512 gallons
Product Receiver/Cooler VES-SRC-191 = 512 gallons
Firewater Collection Tank (TK-SRH-196) = 15,000 gallons
Offgas Condensate Collection Tank (TK-SRH-141) = 120 gallons
Decontamination Collection Tank (VES-SRC-969) = 740 gallons

S03 – 64 cubic yards total
Room 112 = 32 cubic yards
Room 113 = 32 cubic yards

T01 – 11,040 gallons/day
Waste Feed Tank (VES-SRC-131) = 5,040 gal/day
Decontamination Collection Tank (VES-SRC-969) = 6000 gal/day

X99 – 210 gallons/hour (Steam Reforming System)
(VES-SRC-140 Denitration/Mineralization Reformer and
VES-SRC-160 Carbon Reduction Reformer) = 210 gal/hour

ESTIMATED ANNUAL QUANTITY OF WASTE:
S01 = 2,200 Tons
S02 = 5,400 Tons
S03 = 20 Tons
T01 = 5,400 Tons
X99 = 5,400 Tons

UNIT: CPP-1696 Integrated Waste Treatment Unit (IWTU) (Continued)

ENVIRONMENTAL PROTECTION AGENCY HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED
D001-D002 D004-D011 D018-D019 D021-D022 D026 D028 D032 D034-D036 D038-D040	F001-F003 F005	Not Applicable	Not Applicable	U134

UNIT: CPP-659 NWCF Room 203 Tank Storage and Treatment (VES-NCD-129)

LOCATION: INTEC

WASTE TYPE: Radioactive Mixed Waste

CURRENT STATUS: RCRA Part B Permitted Unit (Effective Date: June 27, 2024)

PROCESS CODES: S02 – Tank Storage
T01 – Tank Treatment

PROCESS DESIGN CAPACITY: **S02 – 530 gallons**
T01 – 1,060 gallons

ESTIMATED ANNUAL QUANTITY OF WASTE: S02 and T01 = 4,000 tons

ENVIRONMENTAL PROTECTION AGENCY (EPA) HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED
D002 D004-D011 D018-D019 D021-D022 D026 D028 D032 D034-D036 D038-D040	F001-F003 F005	Not Applicable	Not Applicable	U134

UNIT: CPP-659 NWCF Room 205 Container Storage

LOCATION: INTEC

WASTE TYPE: Radioactive Mixed Waste

CURRENT STATUS: RCRA Part B Permitted Unit (Effective Date: June 27, 2024)

PROCESS CODES: S01 – Container Storage

PROCESS DESIGN CAPACITY: S01 – 54,200 gallons

ESTIMATED ANNUAL QUANTITY OF WASTE: S01 = 15 tons

ENVIRONMENTAL PROTECTION AGENCY (EPA) HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED
D001-D012 D018-D019 D021-D022 D026-D030 D032-D040 D042-D043	F001-F007 F009	Not Applicable	P030 P098-P099 P106	U003 U103 U108 U134 U151

UNIT: CPP-659 NWCF Room 206 Container Storage and Waste Pile Storage

LOCATION: INTEC

WASTE TYPE: Radioactive Mixed Waste

CURRENT STATUS: RCRA Part B Permitted Unit (Effective Date: June 27, 2024)

PROCESS CODES: S01 – Container Storage
S03 – Waste Pile Storage

PROCESS DESIGN CAPACITY: **S01 – 12,400 gallons**
S03 – 43 cubic meters

ESTIMATED ANNUAL QUANTITY OF WASTE: S01 = 15 tons
S03 = 10 tons

ENVIRONMENTAL PROTECTION AGENCY (EPA) HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED
D002 D004-D011 D018-D019 D021-D022 D026 D028-D029 D032 D034-D036 D038-D040	F001-F003 F005-F007 F009	Not Applicable	Not Applicable	U134

UNIT: CPP-659 NWCF Room 207 Container Storage and Waste Pile Storage

LOCATION: INTEC

WASTE TYPE: Radioactive Mixed Waste

CURRENT STATUS: RCRA Part B Permitted Unit (Effective Date: June 27, 2024)

PROCESS CODES: S01 – Container Storage
S03 – Waste Pile Storage

PROCESS DESIGN CAPACITY: **S01 – 11,600 gallons**
S03 – 3 cubic meters

ESTIMATED ANNUAL QUANTITY OF WASTE: S01 = 15 tons
S03 = 10 tons

ENVIRONMENTAL PROTECTION AGENCY (EPA) HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED
D002 D004-D011 D018-D019 D021-D022 D026 D028-D029 D032 D034-D036 D038-D040	F001-F003 F005-F007 F009	Not Applicable	Not Applicable	U134

UNIT: CPP-659 NWCF Room 214 Container Storage and Waste Pile Storage

LOCATION: INTEC

WASTE TYPE: Radioactive Mixed Waste

CURRENT STATUS: RCRA Part B Permitted Unit (Effective Date: June 27, 2024)

PROCESS CODES: S01 – Container Storage
S03 – Waste Pile Storage

PROCESS DESIGN CAPACITY: **S01 – 9,800 gallons**
S03 – 8 cubic meters

ESTIMATED ANNUAL QUANTITY OF WASTE: S01 = 15 tons
S03 = 10 tons

ENVIRONMENTAL PROTECTION AGENCY (EPA) HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED
D002 D004-D011 D018-D019 D021-D022 D026 D028-D029 D032 D034-D036 D038-D040	F001-F003 F005-F007 F009	Not Applicable	Not Applicable	U134

UNIT: CPP-659 NWCF Room 215 Container Storage and Waste Pile Storage

LOCATION: INTEC

WASTE TYPE: Radioactive Mixed Waste

CURRENT STATUS: RCRA Part B Permitted Unit (Effective Date: June 27, 2024)

PROCESS CODES: S01 – Container Storage
S03 – Waste Pile Storage

PROCESS DESIGN CAPACITY: **S01 – 8,200 gallons**
S03 – 3 cubic meters

ESTIMATED ANNUAL QUANTITY OF WASTE: S01 = 15 tons
S03 = 10 tons

ENVIRONMENTAL PROTECTION AGENCY (EPA) HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED
D002 D004-D011 D018-D019 D021-D022 D026 D028-D029 D032 D034-D036 D038-D040	F001-F003 F005-F007 F009	Not Applicable	Not Applicable	U134

UNIT: CPP-659 NWCF Room 216 Container Storage, Waste Pile Storage & Sizing/Repackaging/Compacting

LOCATION: INTEC

WASTE TYPE: Radioactive Mixed Waste

CURRENT STATUS: RCRA Part B Permitted Unit (Effective Date: June 27, 2024)

PROCESS CODES: S01 – Container Storage
S03 – Waste Pile Storage
T04 – Other Treatment (sizing/repackaging/compacting)

PROCESS DESIGN CAPACITY: **S01 – 10,300 gallons**
S03 – 39 cubic meters
T04 – 520 gallons/day

ESTIMATED ANNUAL QUANTITY OF WASTE: S01, S03, and T04 = 210 tons

ENVIRONMENTAL PROTECTION AGENCY (EPA) HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED
D002 D004-D011 D018-D019 D021-D022 D026 D028-D029 D032 D034-D036 D038-D040	F001-F003 F005-F007 F009	Not Applicable	Not Applicable	U134

UNIT: CPP-659 NWCF Room 218 Container Storage

LOCATION: INTEC

WASTE TYPE: Radioactive Mixed Waste

CURRENT STATUS: RCRA Part B Permitted Unit (Effective Date: June 27, 2024)

PROCESS CODES: S01 – Container Storage

PROCESS DESIGN CAPACITY: S01 – 3,200 gallons

ESTIMATED ANNUAL QUANTITY OF WASTE: S01 = 15 tons

ENVIRONMENTAL PROTECTION AGENCY (EPA) HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED
D001-D012 D018-D019 D021-D022 D026-D030 D032-D040 D042-D043	F001-F007 F009	Not Applicable	P030 P098-P099 P106	U003 U103 U108 U134 U151

UNIT: CPP-659 NWCF Room 219 Tank Storage and Tank Treatment (VES-NCD-123)

LOCATION: INTEC

WASTE TYPE: Radioactive Mixed Waste

CURRENT STATUS: RCRA Part B Permitted Unit (Effective Date: June 27, 2024)

PROCESS CODES: S02 – Tank Storage
T01 – Tank Treatment

PROCESS DESIGN CAPACITY: **S02 – 3,800 gallons**
T01 – 7,600 gallons/day

ESTIMATED ANNUAL QUANTITY OF WASTE: S02 and T01 = 4,000 tons

ENVIRONMENTAL PROTECTION AGENCY (EPA) HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED
D002 D004-D011 D018-D019 D021-D022 D026 D028 D032 D034-D036 D038-D040	F001-F003 F005	Not Applicable	Not Applicable	U134

UNIT: CPP-659 NWCF Room 306 Container Storage and Sizing/Repackaging/Compacting

LOCATION: INTEC

WASTE TYPE: Radioactive Mixed Waste

CURRENT STATUS: RCRA Part B Permitted Unit (Effective Date: June 27, 2024)

PROCESS CODES: S01 – Container Storage
T04 – Other Treatment (Sizing/Repackaging/Compacting)

PROCESS DESIGN CAPACITY: **S01 – 4,800 gallons**
T04 – 520 gallons/day

ESTIMATED ANNUAL QUANTITY OF WASTE: S01 = 15 tons
T04 = 210 tons

ENVIRONMENTAL PROTECTION AGENCY (EPA) HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED
D001-D012 D018-D019 D021-D022 D026-D030 D032-D040 D042-D043	F001-F007 F009	Not Applicable	P030 P098-P099 P106	U003 U103 U108 U134 U151

UNIT: CPP-659 NWCF Room 308 Container Storage, Sizing/Repackaging/Compacting, and Na/NaK Treatment in the ARS or exposure to air within the cell

LOCATION: INTEC

WASTE TYPE: Radioactive Mixed Waste

CURRENT STATUS: RCRA Part B Permitted Unit (Effective Date: June 27, 2024)

PROCESS CODES: S01 – Container Storage
T04 – Other Treatment (sizing/repackaging/compacting)
T04 – Other Treatment (Deactivation)

PROCESS DESIGN CAPACITY: **S01 – 5,800 gallons**

T04 – 520 gallons/day treatment method (sizing/repackaging/ compacting)

T04 – 6.2 gallons/day (deactivation using water of Na &/or NaK within the ARS or exposure to air within the cell)

ESTIMATED ANNUAL QUANTITY OF WASTE: S01 and T04 = 210 tons

ENVIRONMENTAL PROTECTION AGENCY (EPA) HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED
D001-D012 D018-D019 D021-D022 D026-D030 D032-D040 D042-D043	F001-F007 F009	Not Applicable	P030 P098-P099 P106	U003 U103 U108 U134 U151

UNIT: CPP-659 NWCF Room 308 Waste Pile Storage and Absorbent Addition

LOCATION: INTEC

WASTE TYPE: Radioactive Mixed Waste

CURRENT STATUS: RCRA Part B Permitted Unit (Effective Date: June 27, 2024)

PROCESS CODES: S03 – Waste Pile Storage
T04 – Absorbent Addition

PROCESS DESIGN CAPACITY: **S03 – 22 cubic meters**
T04 – 520 gallons/day

ESTIMATED ANNUAL QUANTITY OF WASTE: S03 and T04 = 70 tons

ENVIRONMENTAL PROTECTION AGENCY (EPA) HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED
D002 D004-D012 D018-D019 D021-D022 D026-D030 D032-D040 D042-D043	F001- F007 F009	Not Applicable	P030 P098-P099 P106	U003 U103 U108 U134 U151

UNIT: CPP-659 NWCF Room 308 Container Treatment (VES-NCD-138, -TK-NCD-139, and TK-NCD-137) and Chemical/Physical Extraction

LOCATION: INTEC

WASTE TYPE: Radioactive Mixed Waste

CURRENT STATUS: RCRA Part B Permitted Unit (Effective Date: June 27, 2024)

PROCESS CODES: T04 – Container Treatment
X99 – Other Treatment (Chemical/Physical Extraction)

PROCESS DESIGN CAPACITY: **T04 – 7,600 gallons**
VES-NCD-138 = 4,300 gallons/day
TK-NCD-139 = 1,100 gallons/day
TK-NCD-137 = 2,200 gallons/day
X99 – 8,660 gallons/day

ESTIMATED ANNUAL QUANTITY OF WASTE: T04 = 11,680 tons
X99 = 13,200 tons

ENVIRONMENTAL PROTECTION AGENCY (EPA) HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED
D002 D004-D011 D018-D019 D021-D022 D026 D028 D032 D034-D036 D038-D040	F001-F003 F005	Not Applicable	Not Applicable	U134

UNIT: CPP-659 NWCF Room 309 Container Storage

LOCATION: INTEC

WASTE TYPE: Radioactive Mixed Waste

CURRENT STATUS: RCRA Part B Permitted Unit (Effective Date: June 27, 2024)

PROCESS CODES: S01 – Container Storage

PROCESS DESIGN CAPACITY: S01 – 4,800 gallons

ESTIMATED ANNUAL QUANTITY OF WASTE: S01 = 15 tons

ENVIRONMENTAL PROTECTION AGENCY (EPA) HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED
D001-D012 D018-D019 D021-D022 D026-D030 D032-D040 D042-D043	F001-F007 F009	Not Applicable	P030 P098-P099 P106	U003 U103 U108 U134 U151

UNIT: CPP-659 NWCF Room 309 Tank Storage and Tank Treatment (VES-NCD-141 and VES-NCD-142)

LOCATION: INTEC

WASTE TYPE: Radioactive Mixed Waste

CURRENT STATUS: RCRA Part B Permitted Unit (Effective Date: June 27, 2024)

PROCESS CODES: S02 – Tank Storage
T01 – Tank Treatment (HEPA Filter Leach System)

PROCESS DESIGN CAPACITY: **S02 – 190 gallons**
VES-NCD-141 = 120 gallons
VES-NCD-142 = 70 gallons
T01 – 90 gallons/day (total HEPA filter media treated in HFLS)

ESTIMATED ANNUAL QUANTITY OF WASTE: S02 and T01 = 22 tons

ENVIRONMENTAL PROTECTION AGENCY (EPA) HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED
D002 D004-D011 D018-D019 D021-D022 D026 D028 D032 D034-D036 D038-D040	F001-F003 F005	Not Applicable	Not Applicable	U134

UNIT: CPP-659 NWCF Room 309 Waste Pile Storage and Absorbent Addition

LOCATION: INTEC

WASTE TYPE: Radioactive Mixed Waste

CURRENT STATUS: RCRA Part B Permitted Unit (Effective Date: June 27, 2024)

PROCESS CODES: S03 – Waste Pile Storage
T04 – Absorbent Addition

PROCESS DESIGN CAPACITY: **S03 – 18 cubic meters**
T04 – 520 gallons/day

ESTIMATED ANNUAL QUANTITY OF WASTE: S03 and T04 = 70 tons

ENVIRONMENTAL PROTECTION AGENCY (EPA) HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED
D002 D004-D012 D018-D019 D021-D022 D026-D030 D032-D040 D042-D043	F001-F007 F009	Not Applicable	P030 P098-P099 P106	U003 U103 U108 U134 U151

UNIT: CPP-659 NWCF Room 309 Sizing/Repackaging/Compacting

LOCATION: INTEC

WASTE TYPE: Radioactive Mixed Waste

CURRENT STATUS: RCRA Part B Permitted Unit (Effective Date: June 27, 2024)

PROCESS CODES: T04 – Other Treatment (sizing/repackaging/compaction)

PROCESS DESIGN CAPACITY: T04 – 520 gallons/day/treatment method

ESTIMATED ANNUAL QUANTITY OF WASTE: T04 = 210 tons

ENVIRONMENTAL PROTECTION AGENCY (EPA) HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED
D001-D012 D018-D019 D021-D022 D026-D030 D032-D040 D042-D043	F001-F007 F009	Not Applicable	P030 P098-P099 P106	U003 U103 U108 U134 U151

UNIT: CPP-659 NWCF Room 322 Waste Pile Storage

LOCATION: INTEC

WASTE TYPE: Radioactive Mixed Waste

CURRENT STATUS: RCRA Part B Permitted Unit (Effective Date: June 27, 2024)

PROCESS CODES: S03 – Waste Pile Storage

PROCESS DESIGN CAPACITY: S03 – 5 cubic meters

ESTIMATED ANNUAL QUANTITY OF WASTE: S03 = 10 tons

ENVIRONMENTAL PROTECTION AGENCY (EPA) HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED
D002 D004-D011 D018-D019 D021-D022 D026 D028-D029 D032 D034-D036 D038-D040	F001-F003 F005-F007 F009	Not Applicable	Not Applicable	U134

UNIT: CPP-659 NWCF Room 323 Container Storage and Sizing/Repackaging/Compacting

LOCATION: INTEC

WASTE TYPE: Radioactive Mixed Waste

CURRENT STATUS: RCRA Part B Permitted Unit (Effective Date: June 27, 2024)

PROCESS CODES: S01 – Container Storage
T04 – Other Treatment (sizing/repackaging/compaction)

PROCESS DESIGN CAPACITY: **S01 – 3,400 gallons**
T04 – 520 gallons/day

ESTIMATED ANNUAL QUANTITY OF WASTE: S01 and T04 = 210 tons

ENVIRONMENTAL PROTECTION AGENCY (EPA) HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED
D001-D012 D018-D019 D021-D022 D026-D030 D032-D040 D042-D043	F001-F007 F009	Not Applicable	P030 P098-P099 P106	U003 U103 U108 U134 U151

UNIT: CPP-659 NWCF Room 323 Waste Pile Storage

LOCATION: INTEC

WASTE TYPE: Radioactive Mixed Waste

CURRENT STATUS: RCRA Part B Permitted Unit (Effective Date: June 27, 2024)

PROCESS CODES: S03 – Waste Pile Storage

PROCESS DESIGN CAPACITY: S03 – 13 cubic meters

ESTIMATED ANNUAL QUANTITY OF WASTE: S03 = 10 tons

ENVIRONMENTAL PROTECTION AGENCY (EPA) HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED
D002 D004-D011 D018-D019 D021-D022 D026 D028-D029 D032 D034-D036 D038-D040	F001-F003 F005-F007 F009	Not Applicable	Not Applicable	U134

UNIT: CPP-659 NWCF Room 326 Container Storage and Waste Pile Storage

LOCATION: INTEC

WASTE TYPE: Radioactive Mixed Waste

CURRENT STATUS: RCRA Part B Permitted Unit (Effective Date: June 27, 2024)

PROCESS CODES: S01 – Container Storage
S03 – Waste Pile Storage

PROCESS DESIGN CAPACITY: **S01 – 1,300 gallons**
S03 – 5 cubic meters

ESTIMATED ANNUAL QUANTITY OF WASTE: S01 = 15 tons
S03 = 10 tons

ENVIRONMENTAL PROTECTION AGENCY (EPA) HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED
D002 D004-D011 D018-D019 D021-D022 D026 D028-D029 D032 D034-D036 D038-D040	F001-F003 F005-F007 F009	Not Applicable	Not Applicable	U134

UNIT: CPP-659 NWCF Room 415 Container Storage

LOCATION: INTEC

WASTE TYPE: Radioactive Mixed Waste

CURRENT STATUS: RCRA Part B Permitted Unit (Effective Date: June 27, 2024)

PROCESS CODES: S01 – Container Storage

PROCESS DESIGN CAPACITY: S01 – 23,500 gallons

ESTIMATED ANNUAL QUANTITY OF WASTE: S01 = 15 tons

ENVIRONMENTAL PROTECTION AGENCY (EPA) HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED
D001-D012 D018-D019 D021-D022 D026-D030 D032-D040 D042-D043	F001-F007 F009	Not Applicable	P030 P098-P099 P106	U003 U103 U108 U134 U151

UNIT: CPP-659 NWCF Room 415 Tank Treatment
(SH-NCD-933, SH-NCD-934, UC-NCD-921)

LOCATION: INTEC

WASTE TYPE: Radioactive Mixed Waste

CURRENT STATUS: RCRA Part B Permitted Unit (Effective Date: June 27, 2024)

PROCESS CODES: T01 – Tank Treatment

PROCESS DESIGN CAPACITY: **T01 – 8,256 gallons**
SH-NCD-933 = 5,688 gallons
SH-NCD-934 = 672 gallons
UC-NCD-921 = 1,896 gallons

ESTIMATED ANNUAL QUANTITY OF WASTE: T01 = 4,000 tons

ENVIRONMENTAL PROTECTION AGENCY (EPA) HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED
D002 D004-D011 D018-D019 D021-D022 D026 D028 D032 D034-D036 D038-D040	F001-F003 F005	Not Applicable	Not Applicable	U134

UNIT: CPP-659 NWCF Room 416 Container Storage and Waste Pile Storage

LOCATION: INTEC

WASTE TYPE: Radioactive Mixed Waste

CURRENT STATUS: RCRA Part B Permitted Unit (Effective Date: June 27, 2024)

PROCESS CODES: S01 – Container Storage
S03 – Waste Pile Storage

PROCESS DESIGN CAPACITY: **S01 – 5,300 gallons**
S03 – 20 cubic meters

ESTIMATED ANNUAL QUANTITY OF WASTE: S01 = 15 tons
S03 = 10 tons

ENVIRONMENTAL PROTECTION AGENCY (EPA) HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED
D002 D004-D011 D018-D019 D021-D022 D026 D028-D029 D032 D034-D036 D038-D040	F001-F003 F005-F007 F009	Not Applicable	Not Applicable	U134

UNIT: CPP-659 NWCF Room 417 Container Storage

LOCATION: INTEC

WASTE TYPE: Radioactive Mixed Waste

CURRENT STATUS: RCRA Part B Permitted Unit (Effective Date: June 27, 2024)

PROCESS CODES: S01 – Container Storage

PROCESS DESIGN CAPACITY: S01 – 78,200 gallons

ESTIMATED ANNUAL QUANTITY OF WASTE: S01 = 15 tons

ENVIRONMENTAL PROTECTION AGENCY (EPA) HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED
D001-D012 D018-D019 D021-D022 D026-D030 D032-D040 D042-D043	F001-F007 F009	Not Applicable	P030 P098-P099 P106	U003 U103 U108 U134 U151

UNIT: CPP-659 NWCF Room 418 Container Storage and Sizing/Repackaging/Compacting

LOCATION: INTEC

WASTE TYPE: Radioactive Mixed Waste

CURRENT STATUS: RCRA Part B Permitted Unit (Effective Date: June 27, 2024)

PROCESS CODES: S01 – Container Storage
T04 – Other Treatment (sizing/repackaging/compaction)

PROCESS DESIGN CAPACITY: **S01 – 166,700 gallons**
T04 – 520 gallons/day

ESTIMATED ANNUAL QUANTITY OF WASTE: S01 = 15 tons
T04 = 210 tons

ENVIRONMENTAL PROTECTION AGENCY (EPA) HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED
D001-D012 D018-D019 D021-D022 D026-D030 D032-D040 D042-D043	F001-F007 F009	Not Applicable	P030 P098-P099 P106	U003 U103 U108 U134 U151

UNIT: CPP-659 NWCF Room 418 Waste Pile Storage and Absorbent Addition

LOCATION: INTEC

WASTE TYPE: Radioactive Mixed Waste

CURRENT STATUS: RCRA Part B Permitted Unit (Effective Date: June 27, 2024)

PROCESS CODES: S03 – Waste Pile Storage
T04 – Other Treatment (absorbent addition)

PROCESS DESIGN CAPACITY: **S03 – 30 cubic meters**
T04 – 520 gallons/day

ESTIMATED ANNUAL QUANTITY OF WASTE: S03 = 10 tons
T04 = 70 tons

ENVIRONMENTAL PROTECTION AGENCY (EPA) HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED
D002 D004-D012 D018-D019 D021-D022 D026-D030 D032-D040 D042-D043	F001-F007 F009	Not Applicable	P030 P098-P099 P106	U003 U103 U108 U134 U151

UNIT: CPP-659 NWCF Room 418 Container Treatment (VES-NCD-138, TK-NCD-139, and TK-NCD-137), Scarification/Spalling, and Chemical/Physical Extraction

LOCATION: INTEC

WASTE TYPE: Radioactive Mixed Waste

CURRENT STATUS: RCRA Part B Permitted Unit (Effective Date: June 27, 2024)

PROCESS CODES: T04 – Other Treatment (Container Treatment)
X02 – Mechanical Processing (Scarification/Spalling)
X99 – Other Miscellaneous Treatment (Chemical/Physical Extraction)

PROCESS DESIGN CAPACITY: **T04 – 7,600 gallons**
VES-NCD-138 = 4,300 gallons/day
TK-NCD-139 = 1,100 gallons/day
TK-NCD-137 = 2,200 gallons/day
X02 – 30 short tons/day
X99 – 8,660 gallons/day

ESTIMATED ANNUAL QUANTITY OF WASTE: T04 = 11,680 tons
X02 = 5,400 tons
X99 = 12,200 tons

ENVIRONMENTAL PROTECTION AGENCY (EPA) HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED
D002 D004-D011 D018-D019 D021-D022 D026 D028 D032 D034-D036 D038-D040	F001-F003 F005	Not Applicable	Not Applicable	U134

UNIT: CPP-659 NWCF Room 419 Container Storage

LOCATION: INTEC

WASTE TYPE: Radioactive Mixed Waste

CURRENT STATUS: RCRA Part B Permitted Unit (Effective Date: June 27, 2024)

PROCESS CODES: S01 – Container Storage

PROCESS DESIGN CAPACITY: S01 – 26,400 gallons

ESTIMATED ANNUAL QUANTITY OF WASTE: S01 = 15 tons

ENVIRONMENTAL PROTECTION AGENCY (EPA) HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED
D001-D012 D018-D019 D021-D022 D026-D030 D032-D040 D042-D043	F001-F007 F009	Not Applicable	P030 P098-P099 P106	U003 U103 U108 U134 U151

UNIT: CPP-659 NWCF Room 421 Container Storage and Sizing/Repackaging/Compacting

LOCATION: INTEC

WASTE TYPE: Radioactive Mixed Waste

CURRENT STATUS: RCRA Part B Permitted Unit (Effective Date: June 27, 2024)

PROCESS CODES: S01 – Container Storage
T04 – Other Treatment (sizing/repackaging/compaction)

PROCESS DESIGN CAPACITY: **S01 – 10,039 gallons**
T04 – 520 gallons/day

ESTIMATED ANNUAL QUANTITY OF WASTE: S01 and T04 = 210 tons

ENVIRONMENTAL PROTECTION AGENCY (EPA) HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED
D001-D011 D018-D019 D021-D022 D026 D028-D029 D032 D034-D036 D038-D040	F001-F003 F005-F007 F009	Not Applicable	Not Applicable	U134

UNIT: CPP-659 NWCF Room 421 Container Treatment (VES-NCD-138, TK-NCD-139, and TK-NCD-137) and Chemical/Physical Extraction

LOCATION: INTEC

WASTE TYPE: Radioactive Mixed Waste

CURRENT STATUS: RCRA Part B Permitted Unit (Effective Date: June 27, 2024)

PROCESS CODES: T04 – Other Treatment (Container Treatment)
X99 – Other Miscellaneous Treatment (Chemical/Physical Extraction)

PROCESS DESIGN CAPACITY: **T04 – 7,600 gallons**
VES-NCD-138 = 4,300 gallons/day
TK-NCD-139 = 1,100 gallons/day
TK-NCD-137 = 2,200 gallons/day
X99 – 8,660 gallons/day

ESTIMATED ANNUAL QUANTITY OF WASTE: T04 = 11,680 tons
X99 = 13,200 tons

ENVIRONMENTAL PROTECTION AGENCY (EPA) HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED
D002 D004-D011 D018-D019 D021-D022 D026 D028 D032 D034-D036 D038-D040	F001-F003 F005	Not Applicable	Not Applicable	U134

UNIT: CPP-659 NWCF Room 422 Container Storage and Sizing/Repackaging/Compacting

LOCATION: INTEC

WASTE TYPE: Radioactive Mixed Waste

CURRENT STATUS: RCRA Part B Permitted Unit (Effective Date: June 27, 2024)

PROCESS CODES: S01 – Container Storage
T04 – Other Treatment (sizing/repackaging/compaction)

PROCESS DESIGN CAPACITY: **S01 – 10,039 gallons**
T04 – 520 gallons/day

ESTIMATED ANNUAL QUANTITY OF WASTE: S01 and T04 = 230 tons

ENVIRONMENTAL PROTECTION AGENCY (EPA) HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED
D001-D011 D018-D019 D021-D022 D026 D028-D029 D032 D034-D036 D038-D040	F001-F003 F005-F007 F009	Not Applicable	Not Applicable	U134

UNIT: CPP-659 NWCF Room 422 Container Treatment (VES-NCD-138, -TK-NCD-139, and TK-NCD-137) and Chemical/Physical Extraction

LOCATION: INTEC

WASTE TYPE: Radioactive Mixed Waste

CURRENT STATUS: RCRA Part B Permitted Unit (Effective Date: June 27, 2024)

PROCESS CODES: T04 – Other Treatment (Container Treatment)
X99 – Other Miscellaneous Treatment (Chemical/Physical Extraction)

PROCESS DESIGN CAPACITY: **T04 – 7,600 gallons**
VES-NCD-138 = 4,300 gallons/day
TK-NCD-139 = 1,100 gallons/day
TK-NCD-137 = 2,200 gallons/day
X99 – 8,660 gallons/day

ESTIMATED ANNUAL QUANTITY OF WASTE: T04 = 11,680 tons
X99 = 13,200 tons

ENVIRONMENTAL PROTECTION AGENCY (EPA) HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED
D002 D004-D011 D018-D019 D021-D022 D026 D028 D032 D034-D036 D038-D040	F001-F003 F005	Not Applicable	Not Applicable	U134

UNIT: CPP-659 NWCF Room 428 Container Storage and Sizing/Repackaging/Compacting

LOCATION: INTEC

WASTE TYPE: Radioactive Mixed Waste

CURRENT STATUS: RCRA Part B Permitted Unit (Effective Date: June 27, 2024)

PROCESS CODES: S01 – Container Storage
T04 – Other Treatment (sizing/repackaging/compaction)

PROCESS DESIGN CAPACITY: **S01 – 4,400 gallons**
T04 – 520 gallons/day

ESTIMATED ANNUAL QUANTITY OF WASTE: S01 = 30 tons
T04 = 210 tons

ENVIRONMENTAL PROTECTION AGENCY (EPA) HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED
D001-D012 D018-D019 D021-D022 D026-D030 D032-D040 D042-D043	F001-F007 F009	Not Applicable	P030 P098-P099 P106	U003 U103 U108 U134 U151

UNIT: CPP-659 NWCF Room 428 Container Treatment (Commercial Macroencapsulation)

LOCATION: INTEC

WASTE TYPE: Radioactive Mixed Waste

CURRENT STATUS: RCRA Part B Permitted Unit (Effective Date: June 27, 2024)

PROCESS CODES: T04 – Container Treatment (Commercial Macroencapsulation treatment process)

PROCESS DESIGN CAPACITY: T04 – 9,600 gallons/day

ESTIMATED ANNUAL QUANTITY OF WASTE: T04 = 312 tons

ENVIRONMENTAL PROTECTION AGENCY (EPA) HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED
D004-D012 D018-D019 D021-D022 D026-D030 D032-D040 D042-D043	F001-F007 F009	Not Applicable	P030 P098-P099 P106	U003 U103 U108 U134 U151

UNIT: CPP-1659 Contaminated Equipment Maintenance Area - Container Storage

LOCATION: INTEC

WASTE TYPE: Radioactive Mixed Waste

CURRENT STATUS: RCRA Part B Permitted Unit (Effective Date: June 27, 2024)

PROCESS CODES: S01 – Container Storage

PROCESS DESIGN CAPACITY: **S01 – 87,200 gallons**

ESTIMATED ANNUAL QUANTITY OF WASTE: S01 = 15 tons

ENVIRONMENTAL PROTECTION AGENCY (EPA) HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED
D001-D012 D018-D019 D021-D022 D026-D030 D032-D040 D042-D043	F001-F007 F009	Not Applicable	P030 P098-P099 P106	U003 U103 U108 U134 U151

UNIT: CPP-666 FDP Cell Tank Storage (VES-FC-184), Sorting/Sizing/Segregating/Compacting, and Absorbent Addition

LOCATION: INTEC

WASTE TYPE: Radioactive Mixed Waste

CURRENT STATUS: RCRA Part B Permitted Unit (Effective Date: June 27, 2024)

PROCESS CODES: S02 – Tank Storage (VES-FC-184)
T04 – Other Treatment (sorting/sizing/repackaging/compaction and absorbent addition)

PROCESS DESIGN CAPACITY: **S02 – 65 gallons**
T04 – 520 gallons/day (sizing/repackaging/compacting)
T04 – 520 gallons/day (Absorbent Addition)

ESTIMATED ANNUAL QUANTITY OF WASTE: S02 = 38 tons
T04 = 210 tons

ENVIRONMENTAL PROTECTION AGENCY (EPA) HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED
D002 D004-D011 D018-D019 D021-D022 D026 D028-D029 D032 D034-D036 D038-D040	F001-F003 F005-F007 F009	Not Applicable	Not Applicable	U134

UNIT: CPP-666 FDP Cell Container Storage and Deactivation & Repackaging of Ignitable or Reactive Wastes

LOCATION: INTEC

WASTE TYPE: Radioactive Mixed Waste

CURRENT STATUS: RCRA Part B Permitted Unit (Effective Date: June 27, 2024)

PROCESS CODES: S01 – Container Storage
T04 – Other Treatment (deactivation of Na or NaK waste using water within the ARS or exposure to air in the cell)
T04 – Other Treatment (repackaging)

PROCESS DESIGN CAPACITY: **S01 – 37,300 gallons**
T04 – 6.2 gallons Na or NaK/day (deactivation and repackaging)
T04 – 520 gallons/day

ESTIMATED ANNUAL QUANTITY OF WASTE: S01 and T04 = 210 tons

ENVIRONMENTAL PROTECTION AGENCY (EPA) HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED
D001-D011 D018-D019 D021-D022 D026 D028-D029 D032 D034-D036 D038-D040	F001-F003 F005-F007 F009	Not Applicable	Not Applicable	U134

UNIT: CPP-666 Room 301 Container Storage

LOCATION: INTEC

WASTE TYPE: Radioactive Mixed Waste

CURRENT STATUS: RCRA Part B Permitted Unit (Effective Date: June 27, 2024)

PROCESS CODES: S01 – Container Storage

PROCESS DESIGN CAPACITY: S01 – 4,304 gallons

ESTIMATED ANNUAL QUANTITY OF WASTE: S01 = 542 tons

ENVIRONMENTAL PROTECTION AGENCY (EPA) HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED
D001-D011 D018-D019 D021-D022 D026 D028-D029 D032 D034-D036 D038-D040	F001-F003 F005-F007 F009	Not Applicable	Not Applicable	U134

UNIT: CPP-666 Room 114C Container Storage

LOCATION: INTEC

WASTE TYPE: Radioactive Mixed Waste

CURRENT STATUS: RCRA Part B Permitted Unit (Effective Date: June 27, 2024)

PROCESS CODES: S01 – Container Storage

PROCESS DESIGN CAPACITY: S01 – 1,000 gallons

ESTIMATED ANNUAL QUANTITY OF WASTE: S01 = 15 tons

ENVIRONMENTAL PROTECTION AGENCY (EPA) HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED
D001-D011 D018-D019 D021-D022 D026 D028-D029 D032 D034-D036 D038-D040	F001-F003 F005-F007 F009	Not Applicable	Not Applicable	U134

UNIT: CPP-666 Room 115 Container Storage

LOCATION: INTEC

WASTE TYPE: Radioactive Mixed Waste

CURRENT STATUS: RCRA Part B Permitted Unit (Effective Date: June 27, 2024)

PROCESS CODES: S01 – Container Storage

PROCESS DESIGN CAPACITY: S01 – 1,000 gallons

ESTIMATED ANNUAL QUANTITY OF WASTE: S01 = 15 tons

ENVIRONMENTAL PROTECTION AGENCY (EPA) HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED
D001-D011 D018-D019 D021-D022 D026 D028-D029 D032 D034-D036 D038-D040	F001-F003 F005-F007 F009	Not Applicable	Not Applicable	U134

UNIT: CPP-666 Room 180 Container Storage

LOCATION: INTEC

WASTE TYPE: Radioactive Mixed Waste

CURRENT STATUS: RCRA Part B Permitted Unit (Effective Date: June 27, 2024)

PROCESS CODES: S01 – Container Storage

PROCESS DESIGN CAPACITY: S01 – 55 gallons

ESTIMATED ANNUAL QUANTITY OF WASTE: S01 = 15 tons

ENVIRONMENTAL PROTECTION AGENCY (EPA) HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED
D001-D011 D018-D019 D021-D022 D026 D028-D029 D032 D034-D036 D038-D040	F001-F003 F005-F007 F009	Not Applicable	Not Applicable	U134

UNIT: CPP-666 Room B-4 Container Storage

LOCATION: INTEC

WASTE TYPE: Radioactive Mixed Waste

CURRENT STATUS: RCRA Part B Permitted Unit (Effective Date: June 27, 2024)

PROCESS CODES: S01 – Container Storage

PROCESS DESIGN CAPACITY: S01 – 55 gallons

ESTIMATED ANNUAL QUANTITY OF WASTE: S01 = 10 tons

ENVIRONMENTAL PROTECTION AGENCY (EPA) HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED
D001-D011 D018-D019 D021-D022 D026 D028-D029 D032 D034-D036 D038-D040	F001-F003 F005-F007 F009	Not Applicable	Not Applicable	U134

UNIT: CPP-666 Room B-5 Container Storage

LOCATION: INTEC

WASTE TYPE: Radioactive Mixed Waste

CURRENT STATUS: RCRA Part B Permitted Unit (Effective Date: June 27, 2024)

PROCESS CODES: S01 – Container Storage

PROCESS DESIGN CAPACITY: S01 – 55 gallons

ESTIMATED ANNUAL QUANTITY OF WASTE: S01 = 10 tons

ENVIRONMENTAL PROTECTION AGENCY (EPA) HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED
D001-D011 D018-D019 D021-D022 D026 D028-D029 D032 D034-D036 D038-D040	F001-F003 F005-F007 F009	Not Applicable	Not Applicable	U134

UNIT: CPP-666 Room SB-8 Container Storage, Tank Storage, and Distillation

LOCATION: INTEC

WASTE TYPE: Radioactive Mixed Waste

CURRENT STATUS: RCRA Part B Permitted Unit (Effective Date: June 27, 2024)

PROCESS CODES: S01 – Container Storage (Collection Vessel VES-FC-85A)
S02 – Tank Storage (Distillation Vessel VES-FC-101 and Collection Vessel VES-FC-85A)
T04 – Other Treatment (Distillation)

PROCESS DESIGN CAPACITY: **S01 – 5 gallons**

S02 – 40 gallons
VES-FC-101 = 35 gallons
VES-FC-85A = 5 gallons

T04 – 6.2 gallons/day of Na &/or NaK
(VES-FC-101 and VES-FC-85A)

ESTIMATED ANNUAL QUANTITY OF WASTE: S01, S02, and T04 = 210 tons

ENVIRONMENTAL PROTECTION AGENCY (EPA) HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED
D001-D011 D018-D019 D021-D022 D026 D028-D029 D032 D034-D036 D038-D040	F001-F003 F005-F007 F009	Not Applicable	Not Applicable	U134

UNIT: CPP-666 FDP Room B-6 Large Liner Sizing Area - Container Storage

LOCATION: INTEC

WASTE TYPE: Radioactive Mixed Waste

CURRENT STATUS: RCRA Part B Permitted Unit (Effective Date: June 27, 2024)

PROCESS CODES: S01 – Container Storage

PROCESS DESIGN CAPACITY: S01 – 525 gallons

ESTIMATED ANNUAL QUANTITY OF WASTE: S01 = 15 tons

ENVIRONMENTAL PROTECTION AGENCY (EPA) HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED
D001-D011 D018-D019 D021-D022 D026 D028-D029 D032 D034-D036 D038-D040	F001-F003 F005-F007 F009	Not Applicable	Not Applicable	U134

UNIT: CPP-666 FDP Room SB-4 Large Liner Sizing Area - Container Storage

LOCATION: INTEC

WASTE TYPE: Radioactive Mixed Waste

CURRENT STATUS: RCRA Part B Permitted Unit (Effective Date: June 27, 2024)

PROCESS CODES: S01 – Container Storage

PROCESS DESIGN CAPACITY: **S01 – 525 gallons**

ESTIMATED ANNUAL QUANTITY OF WASTE: S01 = 15 tons

ENVIRONMENTAL PROTECTION AGENCY (EPA) HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED
D001-D011 D018-D019 D021-D022 D026 D028-D029 D032 D034-D036 D038-D040	F001-F003 F005-F007 F009	Not Applicable	Not Applicable	U134

UNIT: CPP-1617 RMWSF Container Storage, Container Treatment (Commercial Macroencapsulation) and Miscellaneous Unit Treatment (Custom Macroencapsulation)

LOCATION: INTEC

WASTE TYPE: Radioactive Mixed Waste

CURRENT STATUS: RCRA Part B Permitted Unit (Effective Date: June 27, 2024)

PROCESS CODES: S01 – Container Storage
T04 –Macroencapsulation (both Custom and Commercial)

PROCESS DESIGN CAPACITY: **S01 – 2,224,156 gallons**
(includes CPP-2725)
T04 – 9,600 gallons/day total volume treated
(for all Custom and Commercial Macroencapsulation units combined – includes CPP-2725 macroencapsulation units)

ESTIMATED ANNUAL QUANTITY OF WASTE: S01 = 12,000 tons*
T04 = 312 tons*

ENVIRONMENTAL PROTECTION AGENCY (EPA) HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED		U-LISTED	
D001-D043	F001-F012	K001	P001-P018	P062-P078	U001-U012	U200-U211
	F019-F024	K015	P020-P024	P081-P082	U014-U039	U213-U223
	F026-F028	K069	P026-P031	P084-P085	U041-U053	U225-U228
	F039	K100	P033-P034	P087-P089	U055-U064	U234-U240
			P036-P051	P092-P099	U066-U099	U243-U244
			P054	P101-P106	U101-U103	U246-U249
			P056-P060	P108-P116	U105-U138	U328
				P118-P123	U140-U174	U353
					U176-U194	U359
					U196-U197	

* These numbers equal the combined total for the Estimated Annual Quantity of Waste for both the RMWSF (CPP-1617) and CPP-2725.

UNIT: CPP-2725 Container Storage & Macroencapsulation Treatment (Commercial and Custom)

LOCATION: INTEC

WASTE TYPE: Radioactive Mixed Waste

CURRENT STATUS: RCRA Part B Permitted Unit (Effective Date: June 27, 2024)

PROCESS CODES: S01 – Container Storage
T04 – Macroencapsulation

PROCESS DESIGN CAPACITY: **S01 – 2,224156 gallons**
(includes CPP-1617 RMWSF)
T04 – 9,600 gallons/day total volume treated
(for all Custom and Commercial Macroencapsulation units combined - includes CPP-1617 RMWSF macroencapsulation units)

ESTIMATED ANNUAL QUANTITY OF WASTE: S01 = 12,000 tons*
T04 = 312 tons*

ENVIRONMENTAL PROTECTION AGENCY (EPA) HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED		U-LISTED	
D004-D043	F001-F012	K001	P001-P018	P062-P078	U001-U012	U200-U211
	F019	K015	P020-P024	P081-P082	U014-U039	U213-U223
	F024	K069	P026-P031	P084-P085	U041-U053	U225-U228
	F028	K100	P033-P034	P087-P089	U055-U064	U234-U240
	F039		P036-P051	P092-P099	U066-U099	U243-U244
			P054	P101-P106	U101-U103	U246-U249
			P056-P060	P108-P116	U105-U138	U328
				P118-P123	U140-U174	U353
					U176-U194	U359
					U196-U197	

* These numbers equal the combined total for the Estimated Annual Quantity of Waste for both CPP-2725 and the RMWSF (CPP-1617).

UNIT: CPP-2749 Container Storage & Macroencapsulation Treatment (Commercial and Custom)

LOCATION: INTEC

WASTE TYPE: Radioactive Mixed Waste

CURRENT STATUS: RCRA Part B Permitted Unit (Effective Date: June 27, 2024)

PROCESS CODES: S01 – Container Storage
T04 – Macroencapsulation

PROCESS DESIGN CAPACITY: **S01 – 1,395,180 gallons**
T04 – 9,600 gallons/day total volume treated

ESTIMATED ANNUAL QUANTITY OF WASTE: S01 = 2,880,000 gallons
T04 = 74,880 gallons

ENVIRONMENTAL PROTECTION AGENCY (EPA) HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED		U-LISTED	
D001-D043	F001-F012	K001	P001-P018	P062-P078	U001-U012	U200-U211
	F019-F024	K015	P020-P024	P081-P082	U014-U039	U213-U223
	F026-F028	K069	P026-P031	P084-P085	U041-U053	U225-U228
	F039	K100	P033-P034	P087-P089	U055-U064	U234-U240
			P036-P051	P092-P099	U066-U099	U243-U244
			P054	P101-P106	U101-U103	U246-U249
			P056-P060	P108-P116	U105-U138	U328
				P118-P123	U140-U174	U353
					U176-U194	U359
					U196-U197	

UNIT: Advanced Mixed Waste Treatment Project (AMWTP) Waste Storage Facility (WSF) and WMF-628 Container Storage and Treatment

LOCATION: RWMC-AMWTP

WASTE TYPE: Radioactive Mixed Waste

CURRENT STATUS: RCRA Part B Permitted Unit (Effective Date: May 20, 2019)

PROCESS CODES:
S01 – Container Storage
T04 – Absorption
T04 – Decanting
T04 – Neutralization
T04 – Repackaging
T04 – Physical Sizing
T04 – Mechanical Vibration
T04 – Macroencapsulation

PROCESS DESIGN CAPACITY:

S01 – 13,806,624 gallons (Container Storage) as follows:
WMF-634 = 1,231,430 gallons
Type II Modules (five total) = 10,799,925 gallons
(2,159,985 gallons each)
WMF-635 (Type I Module) = 667,979 gallons
WMF-628 = 1,107,290 gallons

T04 – 33,000 gallons/day*
(Absorption, Decanting, Neutralization, Repackaging, Physical Sizing, and Mechanical Vibration for both WSF and SWEPP)

T04 – 5,280 gallons/day
(Macroencapsulation of waste for the WSF, SWEPP, WMF-636 Pad 2, and AMWTP Outside Storage Area)

*NOTE: No single listed process (i.e., Absorption, Decanting, Neutralization, Repackaging, Physical Sizing, and Mechanical Vibration) may be performed such that the design capacity for that process exceeds 5,500 gallons/day (20.8 cubic meters/day)

ESTIMATED ANNUAL QUANTITY OF WASTE:
S01 = 8,754,462 tons (WSF)
T04 = 50,252 tons (Absorption, Decanting, Neutralization, Repackaging, Physical Sizing, and Mechanical Vibration in WSF and SWEPP)
T04 = 8,047 tons (Macroencapsulation in the WSF, SWEPP, WMF-636 Pad 2, and AMWTP Outside Storage Area)

UNIT: Advanced Mixed Waste Treatment Project (AMWTP) Waste Storage Facility (WSF) and WMF-628 Container Storage and Treatment (Continued)

ENVIRONMENTAL PROTECTION AGENCY HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED		
D001-D011	F001-F007	Not	P005	U002-U004	U105	U162
D018-D043	F009	Applicable	P012	U007	U108	U165
	F039		P015	U009	U116	U169-U171
			P022	U012	U118	U182
			P024	U014	U120	U188
			P027-P028	U019-U020	U122-U123	U190-U191
			P030-P031	U032	U127-U128	U196
			P056	U037	U131	U201
			P073	U043-U044	U133-135	U204
			P075	U048	U138	U207-U211
			P077	U052	U140	U215
			P098-P099	U069-U070	U144-U145	U217-U220
			P104-P106	U072	U147	U225-U228
			P113	U078-U081	U151	U239
			P116	U083-U084	U154	U328
			P119-P120	U102-U103	U159	

UNIT: AMWTP - Building WMF-676 Container Storage, Processing, and Treatment

LOCATION: RWMC-AMWTP

WASTE TYPE: Radioactive Mixed Waste

CURRENT STATUS: RCRA Part B Permitted Unit (Effective Date: May 20, 2019)

PROCESS CODES
X02 – Pretreatment – PT
X99 – Supercompaction (SC)
X99 – Special Case Waste (SCW) Treatment
X99 – Miscellaneous Storage
S01 – Container Storage
T04 – Absorption, Decanting, Neutralization

PROCESS DESIGN CAPACITY:
X02 – 13,431 gallons/day (PT)
X99 – 10,312 gallons/day (SC)
X99 – 200 gallons/day (SCW Treatment)
X99 – 495 gallons/day
S01 – 91,268 gallons
T04 – 13,200 gallons/day (Absorption, Decanting, and Neutralization of liquids)

ESTIMATED ANNUAL QUANTITY OF WASTE:
X02 = 20,479 tons (PT)
X99 = 15,691 tons (SC)
X99 = 306 tons (SCW)
S01 = 275,575 tons
T04 = 20,117 tons (Absorption, Decanting, and Neutralization of liquids)

UNIT: AMWTP - Building WMF-676 Container Storage, Processing, and Treatment (Continued)

ENVIRONMENTAL PROTECTION AGENCY HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED		
D001-D011	F001-F007	Not	P005	U002-U004	U105	U162
D018-D043	F009	Applicable	P012	U007	U108	U165
	F039		P015	U009	U116	U169-U171
			P022	U012	U118	U182
			P024	U014	U120	U188
			P027-P028	U019-U020	U122-U123	U190-U191
			P030-P031	U032	U127-U128	U196
			P056	U037	U131	U201
			P073	U043-U044	U133-135	U204
			P075	U048	U138	U207-U211
			P077	U052	U140	U215
			P098-P099	U069-U070	U144-U145	U217-U220
			P104-P106	U072	U147	U225-U228
			P113	U078-U081	U151	U239
			P116	U083-U084	U154	U328
			P119-P120	U102-U103	U159	

UNIT: SWEPP Storage Area (WMF-610) Container Storage, Treatment, and Macroencapsulation

LOCATION: RWMC-AMWTP

WASTE TYPE: Radioactive Mixed Waste

CURRENT STATUS: RCRA Part B Permitted Unit (Effective Date: May 20, 2019)

PROCESS CODES

S01 – Container Storage
T04 – Absorption
T04 – Decanting
T04 – Neutralization
T04 – Repackaging
T04 – Physical Sizing
T04 – Mechanical Vibration
T04 – Macroencapsulation

PROCESS DESIGN CAPACITY:

S01 – 28,380 gallons or107 cubic meters (Container Storage)

T04 – 33,000 gallons/day* (Absorption, Decanting, Neutralization, Repackaging, Physical Sizing, and Mechanical Vibration) for both the WSF and SWEPP

T04 – 5,280 gallons/day (Macroencapsulation of waste) for the WSF, SWEPP, WMF-636 Pad 2, and AMWTP Outside Storage Area

***NOTE:** No single listed process (i.e., Absorption, Decanting, Neutralization, Repackaging, Physical Sizing, and Mechanical Vibration) may be performed such that the design capacity for that process exceeds 5,500 gallons/day (20.8 cubic meters)

ESTIMATED ANNUAL QUANTITY OF WASTE:

S01 = 880,040 tons

T04 = 50,252 tons (Absorption, Decanting, Neutralization, Repackaging, Physical Sizing, and Mechanical Vibration in WSF and SWEPP)

T04 = 8,047 tons (includes Macroencapsulation in the WSF, SWEPP, WMF-636 Pad 2, and AMWTP Outside Storage Area)

ENVIRONMENTAL PROTECTION AGENCY HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED		
D001-D011	F001-F007	Not	P005	U002-U004	U105	U162
D018-D043	F009	Applicable	P012	U007	U108	U165
	F039		P015	U009	U116	U169-U171
			P022	U012	U118	U182
			P024	U014	U120	U188
			P027-P028	U019-U020	U122-U123	U190-U191
			P030-P031	U032	U127-U128	U196
			P056	U037	U131	U201
			P073	U043-U044	U133-135	U204
			P075	U048	U138	U207-U211
			P077	U052	U140	U215
			P098-P099	U069-U070	U144-U145	U217-U220
			P104-P106	U072	U147	U225-U228
			P113	U078-U081	U151	U239
			P116	U083-U084	U154	U328
			P119-P120	U102-U103	U159	

UNIT: WMF-636 Pad 2 Container Storage and Macroencapsulation

LOCATION: RWMC-AMWTP

WASTE TYPE: Radioactive Mixed Waste

CURRENT STATUS: RCRA Part B Permitted Unit (Effective Date: May 20, 2019)

PROCESS CODES: S01 – Container Storage
T04 – Macroencapsulation

PROCESS DESIGN CAPACITY: **S01 – 6,350,140 gallons**

T04 – 5,280 gallons/day (8,047 tons)
Includes: the WSF, SWEPP, WMF-636 Pad 2, and the AMWTP Outside Storage Area

ESTIMATED ANNUAL QUANTITY OF WASTE: S01 = 1,025,285 tons
T04 = 8,047 tons (includes Macroencapsulation in the WSF, SWEPP, WMF-636 Pad 2, and the AMWTP Outside Storage Area)

ENVIRONMENTAL PROTECTION AGENCY HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED		
D001-D011	F001-F007	Not	P005	U002-U004	U105	U162
D018-D043	F009	Applicable	P012	U007	U108	U165
	F039		P015	U009	U116	U169-U171
			P022	U012	U118	U182
			P024	U014	U120	U188
			P027-P028	U019-U020	U122-U123	U190-U191
			P030-P031	U032	U127-U128	U196
			P056	U037	U131	U201
			P073	U043-U044	U133-135	U204
			P075	U048	U138	U207-U211
			P077	U052	U140	U215
			P098-P099	U069-U070	U144-U145	U217-U220
			P104-P106	U072	U147	U225-U228
			P113	U078-U081	U151	U239
			P116	U083-U084	U154	U328
			P119-P120	U102-U103	U159	

UNIT: Outside Storage Area Container Storage and Macroencapsulation

LOCATION: RWMC-AMWTP

WASTE TYPE: Radioactive Mixed Waste

CURRENT STATUS: RCRA Part B Permitted Unit (Effective Date: May 20, 2019)

PROCESS CODES: S01 – Container Storage
T04 – Macroencapsulation

PROCESS DESIGN CAPACITY: **S01 – 404,995 gallons**

T04 – 5,280 gallons/day (8,047 tons)
Includes: the WSF, SWEPP, WMF-636 Pad 2, and the AMWTP Outside Storage Area

ESTIMATED ANNUAL QUANTITY OF WASTE: S01 = 551,150 tons
T04 = 8,047 tons (includes Macroencapsulation in the WSF, SWEPP, WMF-636 Pad 2, and the AMWTP Outside Storage Area)

ENVIRONMENTAL PROTECTION AGENCY HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED		
D001-D011	F001-F007	Not	P005	U002-U004	U105	U162
D018-D043	F009	Applicable	P012	U007	U108	U165
	F039		P015	U009	U116	U169-U171
			P022	U012	U118	U182
			P024	U014	U120	U188
			P027-P028	U019-U020	U122-U123	U190-U191
			P030-P031	U032	U127-U128	U196
			P056	U037	U131	U201
			P073	U043-U044	U133-135	U204
			P075	U048	U138	U207-U211
			P077	U052	U140	U215
			P098-P099	U069-U070	U144-U145	U217-U220
			P104-P106	U072	U147	U225-U228
			P113	U078-U081	U151	U239
			P116	U083-U084	U154	U328
			P119-P120	U102-U103	U159	

UNIT: Hot Fuel Examination Facility (HFEF) – Building 785

LOCATION: MFC

WASTE TYPE: Hazardous and Radioactive Mixed Waste

CURRENT STATUS: RCRA Part B Permitted Unit (Effective Date: December 5, 2025)

PROCESS CODES: S01 – Container Storage
T04 – Container Treatment

PROCESS DESIGN CAPACITY: **S01 – 10,725 gallons total**
T04 – 440 gallons/day total

ESTIMATED ANNUAL QUANTITY OF WASTE: S01 and T04 = 1,430,000 pounds

ENVIRONMENTAL PROTECTION AGENCY HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED		
D001-D043	F001-F009 F039	Not Applicable	P005 P012 P022 P024 P027-P028 P030-P031 P056 P073 P077 P098 P104-P106 P113 P116 P119-P120	U003-U004 U007 U009 U012 U014 U019-U020 U032 U037 U044 U048 U052 U069 U079-U081 U083-U084 U102-U103	U108 U116 U118 U120 U122-U123 U127-U128 U131 U133-U135 U138 U140 U144-U145 U147 U151 U159	U162 U165 U169-U171 U182 U188 U190-U191 U196 U201 U204 U207-U208 U210-U211 U215 U217-U220 U225-U228 U239 U328

UNIT: Radioactive Scrap and Waste Facility (RSWF) – Building 771

LOCATION: MFC

WASTE TYPE: Hazardous and Radioactive Mixed Waste

CURRENT STATUS: RCRA Part B Permitted Unit (Effective Date: December 5, 2025)

PROCESS CODES: S99 – Miscellaneous Unit Storage

PROCESS DESIGN CAPACITY: S99 – 53,000 gallons total

ESTIMATED ANNUAL QUANTITY OF WASTE: S99 = 477,000 pounds

ENVIRONMENTAL PROTECTION AGENCY HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED
D001 D003-D011	Not Applicable	Not Applicable	Not Applicable	Not Applicable

UNIT: RSWF Staging/Storage Area (SSA)

LOCATION: MFC

WASTE TYPE: Remote Handled Mixed Waste and Hazardous Waste/Mixed Waste

CURRENT STATUS: RCRA Part B Permitted Unit (Effective Date: December 5, 2025)

PROCESS CODES: S01 – Container Storage

PROCESS DESIGN CAPACITY: S01 – 88,000 gallons total

ESTIMATED ANNUAL QUANTITY OF WASTE: S01 = 792,000 pounds

ENVIRONMENTAL PROTECTION AGENCY HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED
D001 D003-D012 D018-D019 D021-D022 D026-D030 D032-D040 D042-D043	F001-007 F009	Not Applicable	P030 P098 P099 P106	U003 U103 U108 U134 U151

UNIT: Sodium Components Maintenance Shop (SCMS) Container Storage and Treatment

LOCATION: MFC

WASTE TYPE: Hazardous and Radioactive Mixed Waste

CURRENT STATUS: RCRA Part B Permitted Unit (Effective Date: December 5, 2025)

PROCESS CODES: S01 – Container Storage
T04 – Other Treatment

PROCESS DESIGN CAPACITY: **S01 – 24,640 gallons total**
T04 – 880 gallons/day total

ESTIMATED ANNUAL QUANTITY OF WASTE: S01 and T04 = 990,000 pounds

ENVIRONMENTAL PROTECTION AGENCY HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED
D001-D012 D018-D019 D021-D022 D026-D030 D032-D040 D042-D043	F001-F007 F009	Not Applicable	P030 P098 P099 P106	U003 U103 U108 U134 U151

UNIT: Sodium Components Maintenance Shop (SCMS) Tank Storage and Treatment

LOCATION: MFC

WASTE TYPE: Hazardous and Radioactive Mixed Waste

CURRENT STATUS: RCRA Part B Permitted Unit (Effective Date: December 5, 2025)

PROCESS CODES: S02 – Tank Storage
T01 – Tank Treatment

PROCESS DESIGN CAPACITY: **S02 – 390 gallons total**
T01 – 156 gallons/day total

ESTIMATED ANNUAL QUANTITY OF WASTE: S02 and T01 = 990,000 pounds

ENVIRONMENTAL PROTECTION AGENCY HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED
D001-D011	Not Applicable	Not Applicable	Not Applicable	Not Applicable

UNIT: Sodium Storage Building (SSB) – Building 703

LOCATION: MFC

WASTE TYPE: Hazardous and Radioactive Mixed Waste

CURRENT STATUS: RCRA Part B Permitted Unit (Effective Date: December 5, 2025)

PROCESS CODES: S01 – Container Storage

PROCESS DESIGN CAPACITY: S01 – 48,000 gallons total

ESTIMATED ANNUAL QUANTITY OF WASTE: S01 = 432,000 pounds

ENVIRONMENTAL PROTECTION AGENCY HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED
D001 D003-D012 D018-D019 D021-D022 D026-D030 D032-D040 D042-D043	F001-007 F009	Not Applicable	P030 P098 P099 P106	U003 U103 U108 U134 U151

UNIT: North Fenced Area (NFA)

LOCATION: MFC

WASTE TYPE: Remote Handled Mixed Waste and Hazardous Waste/Mixed Waste

CURRENT STATUS: RCRA Part B Permitted Unit (Effective Date: December 5, 2025)

PROCESS CODES: S01 – Container Storage

PROCESS DESIGN CAPACITY: S01 – 88,000 gallons total

ESTIMATED ANNUAL QUANTITY OF WASTE: S01 = 792,000 pounds

ENVIRONMENTAL PROTECTION AGENCY HAZARDOUS WASTE NUMBER(s):

D-LISTED	F-LISTED	K-LISTED	P-LISTED	U-LISTED
D001 D003-D012 D018-D019 D021-D022 D026-D030 D032-D040 D042-D043	F001-F007 F009	Not Applicable	P030 P098 P099 P106	U003 U103 U108 U134 U151