



**IDAHO**

**DEPARTMENT OF ENVIRONMENTAL QUALITY**

**HWMA RCRA STORAGE  
PERMIT**

**for the**

**SAFETY-KLEEN  
SYSTEMS, INC.**

**BOISE**

**SERVICE CENTER**

**EPA ID No. IDD981770498**

**Effective Date: July 29, 2015**





STATE OF IDAHO  
DEPARTMENT OF  
ENVIRONMENTAL QUALITY

1410 North Hilton • Boise, ID 83706 • (208) 373-0502  
[www.deq.idaho.gov](http://www.deq.idaho.gov)

C. L. "Butch" Otter, Governor  
John H. Tippetts, Director

**Permittee:** Safety-Kleen Systems, Inc., Boise Service Center,  
**Permit Number:** EPA ID No. IDD981770498

## INTRODUCTION AND SIGNATURE PAGE

Pursuant to the Idaho Hazardous Waste Management Act of 1983 (HWMA), Idaho Code 39-4401 et seq., and the "Rules and Standards For Hazardous Waste," as amended by the Hazardous and Solid Waste Amendments of 1984 (HSWA) and the regulations promulgated under the Idaho Administrative Procedures Act (IDAPA) 58.01.05.000 et seq., a permit is hereby issued to Safety-Kleen Systems, Inc. (Permittee) to operate a hazardous waste storage facility located at 6334 Supply Way, Boise, Idaho (Ada County), Township 2 North, Range 2 East, Section 2, Boise Meridian, Idaho. The location of the facility by latitude and longitude is 43° 32' 38" North and 116° 10' 54" West.

The Permittee shall comply with all terms and conditions of this Permit and in the Attachments 1 through 10 of this Permit. The Permittee must comply with all applicable state regulations, including IDAPA 58.01.05.004 through 58.01.05.013 [Title 40 of the Code of Federal Regulations (CFR) Parts 124, 260 through 266, 268, and 270] and as specified in the Permit.

Applicable state regulations are those which are in effect on the date of final administrative disposition of this Permit and any self-implementing statutory provisions and related regulations which, according to the requirements of HSWA, are automatically applicable to the Permittee's hazardous waste management activities, notwithstanding the conditions of this Permit.

This Permit is based upon the administrative record, as required by IDAPA 58.01.05.013 [40 CFR § 124.9]. The Permittee's failure in the application or during the permit issuance process to disclose fully all relevant facts, or the Permittee's misrepresentation of any relevant facts, at any time, shall be grounds for the termination or modification of this Permit and/or initiation of an enforcement action, including criminal proceedings. The Permittee must inform the Director of the Department of Environmental Quality (Director) of any deviation from the permit conditions or changes in the information on which the application is based, which would affect the Permittee's ability to comply, or actual compliance with the applicable regulations or permit conditions, or which alters any permit condition in any way. The Director shall enforce all conditions of this Permit. Any challenges of any permit condition shall be appealed to the Idaho Board of Environmental Quality in accordance with IDAPA 58.01.05.013 [40 CFR § 124.19], and in accordance with the "Rules Governing Declaratory Rulings and Contested Proceedings," IDAPA 58.01.23.043.

The United States Environmental Protection Agency (EPA) shall maintain an oversight role of the state-authorized program and in such capacity, shall enforce any permit condition based on state requirements if, in the EPA's judgment, the Director should fail to enforce that permit condition. Any challenges to the EPA-enforced conditions shall be appealed to the EPA, in accordance with 40 CFR § 124.19.

This Permit is effective as of July 29, 2015 and shall remain in effect until July 29, 2025 unless, in accordance with IDAPA 58.01.05.012, the Permit is revoked and reissued [40 CFR § 270.41], modified [40 CFR § 270.42, Appendix I.A.6], terminated [40 CFR § 270.43], or continued [40 CFR § 270.51].

July 14, 2015  
Date

John H. Tippetts  
John H. Tippetts, Director  
Department of Environmental Quality



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**CHANGES MADE TO APPLICATION OR ADDITIONS FROM DEQ FILES**

1. Section A-7, page 3, and Section C, page 12: There are three storage units and a miscellaneous unit. These sections do not include the wet dumpster/drum washer as miscellaneous unit storage (X99) in the tables. Updated the tables in each section to include the wet dumpster/drum washer miscellaneous unit by inserting the following line:

WASTE DESCRIPTION	EPA WASTE CODES	DESIGN CAPACITY <sup>1</sup>	ESTIMATED ANNUAL AMOUNT <sup>2</sup>	STORAGE AREA
Used Parts Washer Solvent 150	D001, D039 <sub>4</sub>	162	250	Wet Dumpster/Drum Washer (X99)

2. Section B-2a, page 9 (editorial): Added a bullet to the fifth paragraph.
  - One enclosed shelter used for container storage. This building is a shelter with 3 metal walls and a metal roof. There are rollup overhead doors on the 4th side to provide access. There is an elevated grated dock floor underlain with containment pans. A diagram of the shelter is included as Exhibit B-9. A diagram of the shelter and the concrete base is included as Exhibit B-10.

3. Section C-2a, page 24 (editorial): Deleted a red mark after Dry Cleaner-Perchloroethylene.

4. Section C-2a: There are not 5 types of waste streams listed, so changed the first sentence to indicate that there are 4 types of waste in containers.

Safety-Kleen’s permitted waste streams, which are all received in containers, are broken into four types:

5. Section C-3a(4), page 29 (editorial): Deleted the comma after “RORGS.” In the last paragraph, changed “insure” to “ensure”.

The technology-based standards for these non-wastewaters are “RORGS” (recovery of organics) or CMBST (high temperature organic destruction).

To ensure Bulk Used Oil that Safety-Kleen collects in its oil tankers do not contain unacceptable levels of halogenated hydrocarbons Safety-Kleen tests a sample from the tank of each Small and Large Quantity Generator for total organic halogens using a Chlor-D-Tect test kit.

6. Exhibit C-5: Replaced the Annual Recharacterization Data/UHCs with the following statement:

Safety-Kleen will make available the new Annual Recharacterization Data on file at the branch each year for IDEQ to view, if requested (electronic or paper). Further, upon request, an electronic or paper copy of the data shall be provided to the IDEQ annually.

7. Section D-1a(2), page 34: The example pallet layout in Exhibit B-5 shows the containers stacked along the wall without the 2 foot aisle space. Made a note on Exhibit B-5 that the two foot aisle space applies to those containers as well.
8. Section D-2a(3), page 40: Deleted "ancillary equipment" after "Return and Fill."
9. Exhibit D1-2: Corrected the error in the equation for the secondary containment (changed 6 pans to 6 inches). See attached page.

20'-0" X 15'-0" X 6" X 7.48 Gal./CF	=	+1,122 Gal.
2% Misc. Displacement for Columns/Rails	=	-22 Gal.
Total CSA 2 Containment Volume	=	+ 1,100 Gal.

10. Exhibit D2-2: Replaced Graef, Anhalt and Schloemer Tank System Preconstruction Assessment, August 30, 1990 with QuesTec Installation Assessment, February 26, 1993.
11. Exhibit D2-15: Inserted missing page 1 of 2.
12. Section F-5a, page 58-59: Deleted "to" in the second sentence in paragraph "a."  

Smoking is not permitted within the facility and No Smoking warning signs are posted throughout the facility.
13. Exhibit F: Added Exhibit F-2a, Example Subpart BB Wet Dumpster/Drum Washer Leak Monitoring Form.
14. Exhibit G-3.7: Added exhibit no. to page.
15. Section I-1(e)(6)-(13), page 77: Inserted a section to address closure of miscellaneous unit.

***I-1e(11) 270.14(b)(13); Closure of Miscellaneous Unit  
264.1102***

At closure of a miscellaneous unit, Safety-Kleen will remove or decontaminate all waste residues, contaminated containment system components (liners, etc.), contaminated soils, and structure and equipment contaminated with waste, and manage them as hazardous waste, unless 40 CFR § 261.3(d) applies. The closure plan, closure activities, cost estimates for closure, and financial responsibility for miscellaneous units will meet all of the requirements specified in 40 CFR § 264 subparts G and H and are described elsewhere in this section.

16. Section O-5e(3), page 91: Added a reference to Exhibit O-1 in the Section, and indicated that a similar form would be used for the wet dumpster/drum washer.

Visual inspection of the tank closure devices and the rollup door on the miscellaneous unit will be conducted on an annual basis and recorded using the inspection form in Exhibit O-1. Inspections may be recorded electronically.

17. Various sections (editorial): Reorganized application to correspond to permit attachments. Added a title page to each attachment. Changed headers for each section to indication which attachment it was included in. Changed format of page numbers to indication the attachment. Added some blank pages, so that the each section starts on a right hand page and so the dividers can be placed correctly.

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## LIST OF ATTACHMENTS

The following documents are excerpts from the Permittee's Administrative Record, i.e., HWMA Permit Application, supplemental reports, and other documents contained in the Department's supporting file for the permit. The Director, as deemed necessary, modified specific language in the Attachments. These modifications are described in the permit conditions (Modules I through VII) and, thereby, supersede the language of the original Attachments. If the language of the Permit conflicts with either the Attachments or the original application the language in the Permit shall prevail. These incorporated Attachments are enforceable conditions of this Permit, as modified by the specific permit condition(s).

**ATTACHMENT 1** FACILITY DESCRIPTION, consisting of:

PART A APPLICATION: Exhibit A-1, Part A Application, Subtitle C, of the Permit Application

GENERAL INFORMATION: Section A, Part A General Information Requirements, of the Permit Application

FACILITY DESCRIPTION: Section B, Facility Description, of the Permit Application

PROCESS DESCRIPTION: Section D, Process Information, of the Permit Application

SOLID WASTE MANAGEMNT UNITS: Section J, Solid Waste Management Units, of the Permit Application

PHOTOGRAPHS: Exhibit A-1, Photos, of the Permit Application

FACILITY DRAWING: Exhibit A-2, Scale Drawing of the Facility, of the Permit Application

MAPS: Exhibits from the Permit Application:

- A-3, Topographic Map w/1-mile radius
- B-1, Topographic Map (1,000 ft radius)
- B-2, FIRM/FEMA/Flood Plain Map
- B-3, City of Boise Land Use Map
- B-4, Wind Rose Map

FACILITY DRAWINGS AND PLANS: Exhibits from the Permit Application:

- B-5, Office/Warehouse Floor Plan
- B-6, Site Layout and Utility Plan
- B-7, 3-Bay Return and Fill Diagram
- B-8, 3-Bay Return and Fill Concrete Slab
- B-9, 2-Bay Flammable Storage Shelter (CSA2) Diagram
- B-10, 2-Bay Flammable Storage Shelter Concrete Slab

TRAFFIC PATTERN: Exhibits from the Permit Application:

- B-11, Area Traffic Pattern
- B-12, Site Traffic Pattern

PROCESS FLOW DIAGRAMS, EQUIPMENT INFORMATION, and COATINGS AND REPAIR: Exhibits from the Permit Application (except as noted):

- D1-1, CSA-1 Containment Calculations
- D1-2, CSA-2 Containment Calculations
- D1-3, SK Drum Spreadsheet
- D1-4, Container Process Flow at Branch
- D1-5, Paint Waste Process Flow at Recycle Center (RC)
- D1-6, Immersion Cleaner Process Flow at RC
- D1-7, Dry Cleaner Process Flow at RC
- D1-8, Sherwin Williams Spec Sheet
- D1-9, Secondary Containment Crack Repair and Surface Epoxy Paint Coating
- D2-1, Tank Fabrication Detail
- D2-1.1, Tank Manufacturer Plate
- D2-2, QuesTec Installation Assessment, February 26, 1993, from DEQ files
- D2-3, Tank Gauging Chart
- D2-4, Tank Farm/Return & Fill Piping Plan
- D2-5, Tank Farm Containment Calculations
- D2-6, Tank Farm Concrete Details
- D2-7, Concrete Tank Farm Plan
- D2-8, High Level Alarm Diagram
- D2-9, Used Solvent Process at Branch
- D2-10, Used Solvent Process at Safety-Kleen (SK) Recycle Center
- D2-11, Return and Fill Layout
- D2-12, Return and Fill Concrete Slab Detail
- D2-13, Drum Washer Isometric
- D2-14, Drum Washer Roll Up Door Detail
- D2-15, Drum Washer Capacity Calculations
- D2-16, ChemTec Spec Sheet
- D2-17, Marlow Pump Spec Sheets
- D2-18, Varec Tank Gauge Detail
- D2-19, TriHydro 2001 Spent Solvent Aboveground Storage Tank System Assessment, March 26, 2001
- D2-20, QuesTec Design Assessment, January 15, 1993

MISCELLANEOUS UNIT ENVIRONMENTAL ASSESSMENT: Exhibit D2-21 Urbana Miscellaneous Unit Leak Testing

SOLID WASTE MANAGEMENT UNITS: Exhibits from the Permit Application:

- Exhibit J-1, 1990 Remediation Report
- Exhibit J-2, 1990 Soil Cleanup Approval
- Exhibit J-3, Pond Discharge Sampling Final Report

**ATTACHMENT 2** WASTE ANALYSIS PLAN, consisting of:

WASTE ANALYSIS PLAN: Section C, Waste Characteristics, of the Permit Application

ANALYTICAL DATA/ANNUAL RECHARACTERIZATION DATA: Exhibits from the Permit Application:

- C-1, Map of Sampling Locations
- C-2, Statistical Analysis of Annual Waste Characterization Data
- C-3, Statistical Comparison of Annual Recharacterization Data-California vs. National
- C-4, Annual Recharacterization Data/Underlying Hazardous Constituents (UHCs)
- C-5, Example Waste Profile Form
- C-6, Generator Waste Determination & Characterization Form
- C-7, AR Sample Test Protocol
- C-8, Annual Re-characterization Sampling Instruction
- C-9, National Waste Code Assignment
- C-10, Sample Shipping Package 68740R
- C-11, Sample Shipping Package 66491
- C-12, Example Sample Chain of Custody Form
- C-13, Non-parametric Upper Confidence Interval Approach Uth Values
- C-14, Example Statistical Approach Applied to Premium Solvent
- C-15, Annual Recharacterization (AR) Data Key of Terms
- C-16, Annual Recharacterization Cross Reference
- C-17, TestAmerica Analytical Report Premium Solvent
- C-18, Machine Placement Document Waste Agreement
- C-19, Sales/Service Document Waste Agreement

**ATTACHMENT 3** SECURITY MEASURES, consisting of:

SECURITY MEASURES: Section F-1a, Security Procedures and Equipment, of the Permit Application

**ATTACHMENT 4** INSPECTION PLAN, consisting of:

INSPECTION PLAN: Appendix F, Section F-2, Inspections, of the Permit Application

INSPECTION LOG SHEETS: Exhibits from the Permit Application, except as noted:

- F-1, Example Daily Inspection Form

- F-2, Example Weekly Inspection of Safety Equip
- F-2.1, Example Subpart BB Wet Dumpster/Drum Washer Leak Monitoring Form (created for Permit)

See Attachment 1 for information on Coatings and Repair.

**ATTACHMENT 5** PERSONNEL TRAINING, consisting of:

PERSONNEL TRAINING: Section H, Personnel Training, of the Permit Application

TRAINING PLAN OUTLINE: Exhibit H-1, Training Plan – Narrative, of the Permit Application

JOB DESCRIPTIONS: Exhibit H-2, Example Job Descriptions, of the Permit Application

ANNUAL TRAINING TOPICS: Exhibits from the Permit Application:

- H-3, Site RCRA and Safety, Products, and Regulatory Knowledge (SPARK) Training
- H-4, Example Training Certification (sign-in form)

**ATTACHMENT 6** PREPAREDNESS AND PREVENTION PLAN, consisting of:

EQUIPMENT REQUIREMENTS: Section F-3a, Equipment Requirements, of the Permit Application

AISLE SPACE REQUIREMENTS: Section F-3b, Aisle Space Requirements, of the Permit Application

PREPAREDNESS AND PREVENTION REQUIREMENTS: Sections and Exhibits from the Permit Application:

- Section F-4, Prevention Procedures Structures, and Equipment
- Section F-5, Prevention of Reaction of Ignitable, Reactive, and Incompatible Waste
- Exhibit F-6, Personal Protective Equipment (PPE) Matrix
- Exhibit F-7, Hotwork Procedure
- Exhibit F-8, Facility Plan with 50 foot setback
- Exhibit F-9, Routine Industrial Hygiene Sampling

**ATTACHMENT 7** CONTINGENCY PLAN, consisting of:

CONTINGENCY PLAN:

- Section 7.0, Contingency Plan, of the Permit Application
- Exhibit G-1, Contingency Plan, of the Permit Application

EMERGENCY INFORMATION: Exhibits from the Permit Application

- G-2, Emergency Information Sheet, of the Permit Application

- G-3, Safety-Kleen Product Material Safety Data Sheets

EVACUATION PLAN: Exhibits from the Permit Application:

- G-4 Office-Warehouse Evacuation Plan
- G-5 Site Emergency Evacuation Plan

EMERGENCY EQUIPMENT: Exhibits from the Permit Application

- F-3, Facility Diagram of Emergency Equipment Location-Office/Warehouse
- F-3.1, Facility Diagram of Emergency Equipment Location-Outer Lot
- F-4, List of Emergency Equipment

MEMORANDUM OF AGREEMENT WITH EMERGENCY RESPONSE AGENCIES: Exhibit F-5, Emergency Responder & Agency Agreements, of the Permit Application

**ATTACHMENT 8** CLOSURE PLAN, consisting of:

CLOSURE PLAN: Section I, Closure Plan and Financial Requirements, of the Permit Application

CLOSURE COST ESTIMATE: Exhibit I-1, Closure Cost Estimate Worksheet

CLOSURE SCHEDULE: Exhibit I-2, Closure Schedule, of the Permit Application

**ATTACHMENT 9** AIR EMISSIONS PLAN, consisting of:

SUBPART BB INSPECTION CHECKLIST: Section N, Subpart BB Equipment Leaks, of the Permit Application; and Exhibits from the Permit Application:

- N-1, Site Location Map
- N-2, Valve List of Subpart BB Tags
- N-3, Heavy Liquid Determination (For Safety-Kleen Solvent)
- N-4, Example Leak Detection and Repair Record
- N-5, Example BB Inspection Log
- N-6, Piping Schematic

SUBPART CC INSPECTION CHECKLIST:

- Section O, Subpart CC Air Emission Standards, of the Permit Application
- Exhibit O-1, Example CC Inspection Log, from the Permit Application

**ATTACHMENT 10** PERMIT MODIFICATION/REVISION LOG  
This space intentionally left blank.



## DEFINITIONS

For purposes of this Permit, the following definitions shall apply:

- a. *Ancillary equipment* shall mean any device including, but not limited to, such devices as piping, fittings, flanges, valves, and pumps that is used to distribute, meter, or control the flow of hazardous waste from its point of generation to a storage or treatment tank(s), between hazardous waste storage and treatment tanks to a point of disposal on-site, or to a point of shipment for disposal off-site.
- b. *Application* shall mean the following: The Safety-Kleen Systems, Inc., Part B Permit Application for the Boise Service Center, dated December 19, 2014, including the Part A Permit Application (Subtitle C Identification Form and Hazardous Waste Permit Information Form), signed December 14, 2014.
- c. *Area of Concern (AOC)* shall mean any area having a probable release of a hazardous waste or hazardous constituent which is not from a Solid Waste Management Unit (SWMU) and is determined by the Department to pose a current or potential threat to human health or the environment. Such areas of concern may require investigation and remedial action as required under Section 3005(c)(3) of the Resource Conservation and Recovery Act (RCRA) and Idaho Administrative Procedures Act (IDAPA) 58.01.05.012 [Title 40 of the Code of Federal Regulations (CFR) Parts 270.32(b)(2)] in order to ensure adequate protection of human health and the environment.
- d. *CERCLA* shall mean the Comprehensive Environmental Response, Compensation, and Liability Act of 1980, as amended by the Superfund Amendments and Reauthorization Act of 1986.
- e. *Days* shall mean calendar day(s) unless otherwise specified. Any requirement of submittal under the terms of this Permit that would be due on a Saturday, Sunday, or a federal or state holiday shall be due on the following business day.
- f. *Director* shall mean the Director of the Department of Environmental Quality, or his designee or authorized representative.
- g. *Department* shall mean the Idaho Department of Environmental Quality (IDEQ).
- h. *Director* shall mean the Director of the IDEQ, or his designee, or authorized representative.
- i. *Discovery (discovered)* shall mean the initial identification of a Solid Waste Management Unit (SWMU) or other AOC, which has the potential to release hazardous waste or hazardous waste constituents to the environment.
- j. *Facility* shall mean all contiguous land, and structures, and other appurtenances, and improvements on the land at the Safety-Kleen Systems, Inc., Boise Service Center.
- k. *HSWA* shall mean the Hazardous and Solid Waste Amendment of 1984.

- l. *HWMA* shall mean the State of Idaho, Hazardous Waste Management Act of 1983, as amended, Idaho Code § 39-4401, et seq.
- m. *Hazardous Waste* shall mean a solid waste, or combination of solid wastes, which because of its quantity, concentration, or physical, chemical, or infectious characteristics may cause, or significantly contribute to, an increase in mortality, or an increase in serious irreversible or incapacitating reversible illness, or pose a substantial present or potential hazard to human health or the environment when improperly treated, stored, transported, or disposed of, or otherwise managed. [see 42 United States Code (U.S.C.) § 6903(5)].
- n. *Hazardous Waste Constituent* shall mean any constituent identified in Appendix VIII of IDAPA 58.01.05.005 (40 CFR Part 261), or any constituent identified in Appendix IX of IDAPA 58.01.05.008 (40 CFR Part 264).
- o. *IDAPA* shall mean the Idaho Administrative Procedures Act, Chapter 52, Title 67, Idaho Code.
- p. *Operating Day* shall mean any scheduled working day (excluding weekends and holidays) when waste management activities occur at the facility.
- q. *Permit* shall mean this Permit issued by the Idaho Department of Environmental Quality.
- r. *Permittee* shall mean Safety-Kleen Systems, Inc.
- s. *Readily retrievable* shall mean requested documents/information can be procured in hard copy in a time frame that meets the needs of a DEQ inspector or other person needing the data. At a minimum, requested documents must be available at the start of the next business day.
- t. *RCRA* shall mean the Resource Conservation and Recovery Act of 1976, as amended by HSWA in 1984.
- u. *RCRA empty*, with regards to the miscellaneous unit, shall mean that all liquid and sludge wastes have been removed, and no more than 0.3 percent by weight or less than one inch of sludge and liquid residues remain in the bottom of the miscellaneous unit.
- v. *Release* shall mean any spilling, leaking, pouring, emitting, emptying, discharging, injecting, pumping, escaping, leaching, dumping, or disposing of hazardous wastes (including hazardous constituents) into the environment (including the abandonment or discarding of barrels, containers, and other closed receptacles containing hazardous wastes or hazardous constituents).
- w. *Solid Waste Management Unit (SWMU)* shall mean any discernible unit at which solid wastes have been placed at any time, irrespective of whether the unit was intended for the management of solid or hazardous wastes. Such units include any area at a facility at which solid wastes have been routinely and systematically released.
- x. *Treatment* means any method, technique, or process, including neutralization, designed to change the physical, chemical, or biological character or composition of any hazardous

waste so as to neutralize such waste, or so as to recover energy or material resources from the waste, or so as to render such waste non-hazardous, or less hazardous; safer to transport, store, or dispose of; or amenable for recovery, amenable for storage, or reduced in volume.

- y. Unless otherwise noted, all schedules refer to calendar time, i.e., 30 days means 30 calendar days

All definitions contained in IDAPA 58.01.05.004, .008, and .010 through .013 [40 CFR Parts 260, 264, 266, 268, 270, and 124] are hereby incorporated, in their entirety, by reference into this Permit, except that any of the definitions used above shall supersede any definition of the same term given in IDAPA 58.01.05.000 et seq. Where terms are not defined in the regulations or the Permit, the meaning associated with such terms shall be defined by a standard dictionary reference or the generally accepted scientific or industrial meaning of the term.

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## ACRONYMS AND ABBREVIATIONS

ACL	Alternate Concentration Limit
API	American Petroleum Institute
APW	Aqueous Parts Washer
AST	12,000-gallon Aboveground Storage Tank
ASTM	American Society for Testing and Materials
C	centigrade
CAP	Capacity
CD	Compact Disc
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act
CFR	Code of Federal Regulations
CME	Corrective Measures Evaluation
CMI	Corrective Measures Implementation
CMS	Corrective Measures Study
COLIWASA	Composite Liquid Waste Sampler
CQA	Construction Quality Assurance
°	degrees
≥	equal to or greater than
'	foot or feet
"	inch or inches
DOT	U.S. Department of Transportation
EPA	U.S. Environmental Protection Agency
EPCRA	Emergency Planning and Community Right-to-Know Act
F	Fahrenheit
ft	foot or feet
gal	gallon
Haz	Hazardous
HAZWOPER	Hazardous Waste Operations and Emergency Response
HSWA	Hazardous and Solid Waste Amendments of 1984
HWMA	Hazardous Waste Management Act of 1983, as amended
HWMU	Hazardous Waste Management Unit
IC	Immersion Cleaner
Perc	perchloroethylene, a.k.a. tetrachloroethylene
IDEQ	Idaho Department of Environmental Quality
IDAPA	Idaho Administrative Procedures Act
in.	inch or inches
kPa	kilo Pascal
LEL	Lower Explosive Limit
MSDS	Material Safety Data Sheet
NIOSH	National Institute for Occupational Safety and Health
Non-Haz	Non-hazardous
OSHA	Occupational Safety and Health Administration
POTW	Publicly Owned Treatment Works
PPE	Personal Protective Equipment
ppm	parts per million
ppmw	parts per million by weight
QA/QC	Quality Assurance/Quality Control
R&F	Return and Fill

RCRA	Resource Conservation and Recovery Act
RFA	RCRA Facility Assessment
RFI	RCRA Facility Investigation
SARA	Superfund Amendments and Reauthorization Act
SIC	Standard Industrial Code
SK	Safety-Kleen Systems, Inc., or Safety-Kleen Systems, Inc. Boise Service Center
sp gr	specific gravity
SPARK	Safety, Products and Regulatory Knowledge
SW-846	Test Methods for Evaluating Solid Waste: Physical/Chemical Methods SW-846
SWMU	Solid Waste Management Unit
SVOC	Semi-Volatile Organic Compound
TC	Toxicity Characteristic
TCLP	Toxicity Characteristic Leaching Procedure
UCL	Upper Confidence Limit
USDOT	United States Department of Transportation
UU/UE	unlimited use/unrestricted exposure
Vac	Vacuum
VOC	Volatile Organic Compound
VO	Volatile Organic

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## **LIST OF APPENDICES**

Appendix A – Tables

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## **MODULE I - STANDARD PERMIT CONDITIONS**

### **I.A. EFFECT OF PERMIT**

- I.A.1. The Permittee is authorized to store hazardous waste in containers, a tank, and in a miscellaneous unit on-site, as shown in Table 1, in accordance with the conditions of this Permit and its Attachments. Any storage and/or treatment of hazardous waste by the Permittee at this facility not authorized by this Permit, or by the Idaho Administrative Procedures Act (IDAPA) 58.01.05.006 [Title 40 of the Code of Federal Regulations (CFR) Part 262.34], and for which a permit is required under Idaho Code § 39-4409, or Section 3005 of the Resource Conservation and Recovery Act (RCRA), is prohibited.
- I.A.2. Table 1. Boise Permitted Waste Streams and Applicable Waste Codes, supersedes the Table in Permit Attachment 1, Section A-7, and the Boise Permitted Waste Streams and Applicable Waste Code Table in Permit Attachment 2, Section C of this Permit.
- I.A.3. Pursuant to IDAPA 58.01.05.012 [40 CFR § 270.4], compliance with this Permit generally constitutes compliance with the Idaho Hazardous Waste Management Act (HWMA), as amended, except for those requirements not included in this Permit, which become effective by statute or future regulatory changes.
- I.A.4. Issuance of this Permit does not convey any property rights of any sort or any exclusive privilege; nor does it authorize any injury to persons or property, any invasion of other private rights, or any infringement of state or local law or regulations, as specified in IDAPA 58.01.05.012 [40 CFR §§ 270.4(b) and (c), and § 270.30(g)].

### **I.B. ENFORCEABILITY**

- I.B.1. The terms and conditions of this Permit are enforceable pursuant to the HWMA or any other applicable federal, state, or local law. Violations of this Permit may result in civil penalties in accordance with HWMA [Idaho Code § 39-4414] and/or criminal penalties in accordance with HWMA [Idaho Code § 39-4415].
- I.B.2. Any person who knowingly makes any false statement or representation in any application, label, manifest, record, report, permit, or other document filed, maintained or used for the purposes of complying with the provisions of HWMA [Idaho Code § 39-4415] shall be guilty of a misdemeanor and subject to a fine of not more than \$10,000 or imprisonment not to exceed one (1) year, or to both, for each separate violation or for each day of a continuing violation.

### **I.C. OTHER AUTHORITY**

The Department expressly reserves any right of entry provided by law, and any authority to order or perform emergency or other response activities as authorized by law.

### **I.D. PERMIT ACTIONS**

- I.D.1. Pursuant to IDAPA 58.01.05.012 [40 CFR § 270.4(a)(2)], this Permit may be modified, revoked and reissued, or terminated for cause, as specified in IDAPA 58.01.05.012 [40

CFR § 270.41 or § 270.43], or modified upon the request of the Permittee as specified in IDAPA 58.01.05.012 [40 CFR § 270.42].

I.D.2. Permit Revocation and Re-issuance, and Termination:

The filing of a request for a permit modification, revocation and reissuance, or termination, or the notification of planned changes or anticipated noncompliance on the part of the Permittee does not stay the applicability or enforceability of any permit condition.

I.D.3. Permit Modification:

I.D.3.a. Except as provided by specific language in this Permit or except for the Director's approval of a Class 1 or 2 permit modification, in accordance with IDAPA 58.01.05.012 [40 CFR § 270.42(a) and (b)], any modification which substantially alters the facility or its operation as covered by this Permit shall be administered as a Class 3 permit modification prior to such change taking place, in accordance with IDAPA 58.01.05.012 [40 CFR § 270.42(c)].

I.D.3.b. The Director may modify this Permit when the standards or regulations on which the Permit was based was changed by statute, amended standards or regulations, or by judicial decision after the effective date of this Permit, as specified in IDAPA 58.01.05.012 [40 CFR § 270.41(a)-(c)].

I.D.3.c. Within 45 days of a permit modification being put into effect or approved, the Permittee shall provide two (2) clean copies of the relevant portions of the Permit and Attachments revised to incorporate the change (if not already reflected/provided in the change pages submitted with the permit modification request), to the Director. The Permittee shall also submit an electronic version of all permit modifications and permit applications to the Director and to the EPA Region 10.

I.D.4. The Permittee shall ensure that Permit Attachment 10, the permit modification tracking log, is current, consistent with Permit Condition I.D.3.c.

I.E. SEVERABILITY

I.E.1. The provisions of this Permit are severable, and if any provision of this Permit or the application of any provision of this Permit to any circumstance is held invalid, the application of such provision to other circumstances and the remainder of this Permit shall not be affected, in accordance with IDAPA 58.01.05.013 [40 CFR § 124.16(a)]. Invalidation of any state or federal statutory or regulatory provision that forms the basis for any condition of this Permit, does not affect the validity of any other state or federal statutory or regulatory basis for said condition.

I.E.2. In the event that a condition of this Permit is stayed for any reason, the Permittee shall continue to comply with the related applicable and relevant permitted standards in IDAPA 58.01.05.008 [40 CFR Part 264] until final resolution of the stayed condition, unless compliance with the related applicable and relevant standards would be

technologically incompatible with other conditions of this Permit that have not been stayed, as specified in IDAPA 58.01.05.013 [40 CFR § 124.16(c)].

I.F. DUTY TO COMPLY

- I.F.1. The Permittee shall comply with all conditions of this Permit, except to the extent and for the duration such noncompliance is authorized by an emergency permit issued in accordance with IDAPA 58.01.05.012 [40 CFR § 270.61]. Any permit noncompliance, other than noncompliance authorized by an emergency permit, constitutes a violation of the HWMA, and is grounds for enforcement action; for Permit termination, revocation and reissuance, or modification of the Permit; or denial of a permit renewal application.
- I.F.2. Compliance with the terms of this Permit does not constitute a defense to any order issued or any action brought under Sections 3007, 3008, 3013, or 7003 of RCRA [42 U.S.C. §§ 6927, 6928, 6934 and 6973]; Sections 104, 106(a), or 107 of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA) [42 U.S.C. §§ 9604, 9606(a), or 9607], as amended by the Superfund Amendments and Reauthorization Act of 1986 (SARA); or any other state or federal law providing for protection of public health or the environment from any imminent and substantial endangerment to human health or the environment, as per IDAPA 58.041.05.012 [40 CFR §§ 270.4 and 270.30(g)]. However, compliance with the terms of this Permit does constitute a defense to any action alleging failure to comply with the applicable standards upon which this Permit is based.

I.G. DUTY TO REAPPLY

If the Permittee wishes to continue an activity allowed by this Permit after the expiration date of this Permit, the Permittee shall submit a complete application for a new Permit at least 180 calendar days prior to the expiration date of this Permit, in accordance with IDAPA 58.01.05.012 [40 CFR §§ 270.10(h) and 270.30(b)]. Failure to submit a timely permit renewal application may result in enforcement action, in accordance with IDAPA 58.01.05.012 [40 CFR § 270.51(c)].

I.H. PERMIT EXPIRATION

Pursuant to IDAPA 58.01.05.012 [40 CFR § 270.50], except as renewed, modified, revoked, reissued, or terminated by the Department, this Permit shall automatically expire 10 years from the effective date of this Permit.

I.I. CONTINUATION OF EXPIRING PERMIT

This Permit and all conditions herein shall continue in force until the effective date of a new permit, if the Permittee has submitted a timely and complete application in accordance with IDAPA 58.01.05.012 [40 CFR §§ 270.10, 270.13-270.29], and through no fault of the Permittee, the Director has neither issued nor denied a new permit under IDAPA 58.01.05.013 [40 CFR § 124.5] on or before the expiration date of this Permit.

I.J. NEED TO HALT OR REDUCE ACTIVITY NOT A DEFENSE

In the event of an enforcement action, the Permittee shall not use as a defense that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this Permit, as specified in IDAPA 58.01.05.012 [40 CFR § 270.30(c)].

I.K. DUTY TO MITIGATE

In the event of noncompliance with this Permit, the Permittee shall take all reasonable steps to minimize releases to the environment resulting from the noncompliance, and shall carry out such measures as are reasonable to prevent significant adverse impacts on human health or the environment, as specified in IDAPA 58.01.05.012 [40 CFR § 270.30(d)].

I.L. PROPER OPERATION AND MAINTENANCE

The Permittee shall, at all times properly operate and maintain all facilities and systems of control (and related appurtenances) which are installed or used by the Permittee to achieve compliance with the conditions of this Permit, as specified in IDAPA 58.01.05.012 [40 CFR § 270.30(e)]. Proper operation and maintenance includes effective performance, adequate funding, adequate operator staffing and training, and adequate laboratory and process controls, including appropriate quality assurance/quality control procedures. This provision requires the operation of back-up or auxiliary equipment or similar systems only when necessary to achieve compliance with the conditions of this Permit.

I.M. DUTY TO PROVIDE INFORMATION

The Permittee shall furnish to the Department, within a reasonable time, any relevant information which the Department may request to determine whether cause exists for modifying, revoking and reissuing, or terminating this Permit, or to determine compliance with this Permit, as specified in IDAPA 58.01.05.012 [40 CFR § 270.30(h)]. The Permittee shall also furnish to the Department and/or the Director, upon request, copies of records required to be kept by this Permit, in accordance with IDAPA 58.01.05.008 and 58.01.05.012 [40 CFR §§ 264.74(a) and 270.30(h)].

I.N. INSPECTION AND ENTRY

Pursuant to IDAPA 58.01.05.012 [40 CFR § 270.30(i)], the Permittee shall allow the Department, the Director, or an authorized representative, upon the presentation of credentials and other documents as may be required by law, to:

- I.N.1. Enter at reasonable times upon the Permittee's premises where a regulated activity, Solid Waste Management Unit (SWMU), or Area of Concern (AOC) is located or conducted; or where records must be kept as required by the Conditions of this Permit;
- I.N.2. Have access to and copy, at reasonable times, any records that must be kept as required by the Conditions of this Permit;

- I.N.3. Inspect at reasonable times any portion of the facility, equipment (including monitoring and control equipment), practices, or operations regulated or required under this Permit; and
- I.N.4. Sample or monitor at reasonable times for the purposes of assuring Permit compliance or as otherwise authorized by HWMA or RCRA, any substances or parameters at any location.

I.O. MONITORING AND RECORDS

- I.O.1. Except as specifically required by regulation or elsewhere in this Permit (i.e., Permit Condition I.Z), and in accordance with IDAPA 58.01.05.012 [40 CFR § 270.30(j)(2)], the Permittee shall retain at the facility
  - I.O.1.a. Records of all monitoring information, including all calibration and maintenance records,
  - I.O.1.b. All original recordings for continuous monitoring instrumentation,
  - I.O.1.c. Copies of all reports and records required by this Permit and all data used to prepare them,
  - I.O.1.d. Records of all data used to complete the application for this Permit, and
  - I.O.1.e. Certification required by IDAPA 58.01.05.008 [40 CFR § 264.73(b)(9)],
- I.O.2. The Permittee shall retain these items for a period of at least three (3) years from the date of the sample, measurement, report, record, certification, recording or application, unless a longer retention period for certain information is required by other conditions of this Permit. These periods may be extended by request of the Director at any time upon written notification to the Permittee. The retention times are automatically extended during any unresolved enforcement action regarding this facility to three (3) years beyond the conclusion of any enforcement action.
- I.O.3. The Permittee shall retain, at the facility, until three (3) years past the end of any corrective action instituted to address releases of hazardous waste or hazardous waste constituents from any SWMU or AOC:
  - A copy of this Permit and its Attachments and all modifications to this Permit, and
  - All monitoring records from all surface water sampling, seep sampling, soil sampling, sediment sampling, groundwater monitoring wells, and associated groundwater surface elevations in accordance with IDAPA 58.01.05.012 [40 CFR § 270.30(j)]. These periods may be extended by request of the Director, at any time, by written notification to the Permittee and the retention times are automatically extended during the course of any unresolved enforcement action regarding this facility to three (3) years beyond the conclusion of the enforcement action.
- I.O.4. Pursuant IDAPA 58.01.05.012 [40 CFR § 270.30(j)(3)], records of monitoring information shall specify:

- I.O.4.a. The dates, exact place, and times of sampling or measurements;
  - I.O.4.b. The name, title, and affiliation of the individual(s) who performed the sampling or measurements;
  - I.O.4.c. The dates analyses were performed;
  - I.O.4.d. The name, title, and affiliation of the individuals who performed the analyses;
  - I.O.4.e. The analytical techniques or methods used; and
  - I.O.4.f. The results of such analyses, including the Quality Control/Quality Assurance summary.
- I.O.5. In accordance with IDAPA 58.01.05.012 [40 CFR § 270.30(j)(1)], samples and measurements taken by the Permittee for the purpose of monitoring shall be representative of the monitored activity. The method used to obtain a representative sample of the waste to be analyzed must be the most recent appropriate method from IDAPA 58.01.05.005 [40 CFR Part 261, Appendix I], EPA's most recent edition of the *Technical Enforcement Guidance Document (TEGD)*, or an equivalent method approved by the Director.
- I.O.5.a. The Permittee shall use techniques and procedures specified in IDAPA 58.01.05.005 [40 CFR Part 261, Appendix III], except as Permit Condition I.N.4 provides otherwise, when collecting, preserving, shipping, analyzing, tracking and controlling samples.
- I.O.6. Laboratory methods shall be those specified in *Test Methods for Evaluating Solid Waste: Physical/Chemical Methods SW-846* (prevailing edition; hereinafter referred to as *SW-846*), *Standard Methods for the Examination of Wastewater* (prevailing edition), *Standard Methods for the Examination of Water and Wastewater Analysis* (prevailing edition), or other alternate methods approved in this Permit, or an equivalent method in accordance with Permit Condition I.O.7.
- I.O.7. The Permittee may substitute analytical methods that are equivalent or superior to those specifically approved for use in this Permit, in accordance with the following:
- I.O.7.a. The Permittee submits to the Director a request for substitution of analytical methods that is equivalent to the methods specifically approved for use in this Permit. The request shall provide information demonstrating that the proposed method is equivalent or superior to the approved analytical method in terms of sensitivity, accuracy, and precision (i.e., reproducibility); and
  - I.O.7.b. The Permittee receives a written approval from the Director for the substitution of analytical method. Such approval shall not require a permit modification under IDAPA 58.01.05.012 [40 CFR § 270.42].
- I.O.8. Copies of all records maintained at the Safety-Kleen Systems, Inc., Boise Service Center facility shall be made available to the Department, the Director, and/or their authorized officers, employees, or representatives, within three (3) business days of the receipt of a hand-delivered or certified mail request for such. The Safety-Kleen System, Inc., contact for access to the records is:

Safety-Kleen Systems, Inc., Boise Service Center  
Service Center Branch Manager  
6334 Supply Way  
Boise, Idaho 83716  
Telephone: 208-342-8882

I.P. REPORTING PLANNED CHANGES

The Permittee shall give notice to the Director as soon as possible, but not to exceed 60 calendar days prior to any planned physical alteration or additions to the permitted facility, in accordance with IDAPA 58.01.05.012 [40 CFR § 270.30(l)(1)].

I.Q. REPORTING ANTICIPATED NONCOMPLIANCE

The Permittee shall give at least 30 calendar days advance notice, in writing, to the Director of any planned changes in the permitted facility or activity, which may result in noncompliance with requirements of this Permit, in accordance with IDAPA 58.01.05.012 [40 CFR § 270.30(l)(2)]. If advance notice is not possible, then the Permittee shall give notice within 24 hours of the time the Permittee becomes aware of the anticipated noncompliance. Such notice does not authorize any noncompliance with or modification of this Permit, nor does advance notice constitute a defense for any noncompliance.

I.R. CERTIFICATION OF CONSTRUCTION OR MODIFICATION

I.R.1. The Permittee may not commence storage of hazardous waste in a new permitted hazardous waste management unit (HWMU) or in a modified portion of an existing permitted HWMU, except as provided in IDAPA 58.01.05.012 [40 CFR § 270.42], until the Permittee has submitted to the Director by certified mail, express mail, or hand delivery, a letter signed by the Permittee and a qualified Professional Engineer, certifying that the permitted unit at the facility has been constructed or modified in accordance with the approved plans and specifications and in compliance with this Permit; in accordance with IDAPA 58.01.05.012 [40 CFR § 270.30(l)(2)]; and

I.R.2. The Director has reviewed and inspected (if deemed appropriate) the modified or newly constructed HWMU and has notified the Permittee in writing that the unit was found in compliance with the Conditions of this Permit; or

I.R.3. In accordance with IDAPA 58.01.05.012 [40 CFR §270.30(l)(2)(ii)(V)], if within fifteen (15) calendar days of the date of submission of the letter in Permit Condition I.R.1, the Permittee has not received notice from the Director of the intent to inspect, prior inspection is waived and the Permittee may commence storage of hazardous waste in the permitted unit, certified in accordance with Permit Condition I.R.1.

I.S. TRANSFER OF PERMIT

This Permit shall not be transferred to a new owner or operator, unless the Permit is modified or revoked and reissued pursuant to IDAPA 58.01.05.012 [40 CFR § 270.40] to identify the new Permittee and incorporate such other requirements as may be necessary. A change in the ownership or operational control of the facility shall be made

through a Class 1 modification with prior written approval of the Director, in accordance with IDAPA 58.01.05.012 [40 CFR § 270.42], in accordance with IDAPA 58.01.05.012 [40 CFR § 270.40]. Prior to transferring ownership or operation of the facility during its operating life, the Permittee shall notify the new owner or operator, in writing, of the requirements of IDAPA 58.01.05.008 and 58.01.05.012 [40 CFR Parts 264 and 270], and this Permit.

I.T. TWENTY-FOUR HOUR REPORTING

I.T.1. In accordance with IDAPA 58.01.05.012 [40 CFR § 270.30(l)(6)], the Permittee shall verbally report to the Director (or the Idaho Emergency Communication Center during off-hours) any noncompliance with this Permit, any imminent or existing hazard from a release of hazardous waste or hazardous constituents, or a fire or explosion at the facility, which may endanger human health or the environment. The Permittee shall also report any fire or explosion at or near a permitted unit or other hazardous waste management area. Such information shall be reported orally as soon as possible, but not later than 24 hours from the time the Permittee becomes aware of the circumstances. Potential endangerment to human health and the environment shall include, but not be limited to the following:

- I.T.1.a. Noncompliance with Permit Condition II.A.1;
- I.T.1.b. A release of any hazardous waste that may endanger public drinking water supplies;
- I.T.1.c. A release or discharge of hazardous waste, or a fire or explosion at the facility that could threaten human health or the environment outside the facility;
- I.T.1.d. Any fire or explosion at or near a permitted unit or other hazardous waste management area at the facility; or
- I.T.1.e. Any release of a "D" or "F" listed hazardous waste, which this Permit allows the Permittee to store, which results in the following:
  - (i) Concentrations at the facility boundary, exceeding the health and environmental criteria specified in Table 2 of this Permit as General Population Exposure Limits; or
  - (ii) Concentrations, within the Return and Fill Station, or the Container Storage Areas exceeding the Work Place Limits specified in Table 2 of this Permit.

I.T.2. The verbal description of the occurrence and its cause, if available, shall include the following (at a minimum):

- I.T.2.a. Name, title, and telephone number of individual reporting;
- I.T.2.b. Name, address, and telephone number of the owner or operator;
- I.T.2.c. Name, address, and telephone number of the facility;
- I.T.2.d. Date, time, and type of incident (e.g., fire, explosion);
- I.T.2.e. Location and cause of the incident;
- I.T.2.f. Name and quantity of material(s) involved;
- I.T.2.g. The extent and description of injuries, if any;
- I.T.2.h. An assessment of actual or potential hazards to the human health or the environment, where this is applicable;
- I.T.2.i. Description of any emergency action taken to minimize possible threat(s) to human health and the environment;

- I.T.2.j. Estimated quantity and disposition of recovered material that resulted from the incident; and
- I.T.2.k. Any other information necessary to fully evaluate the situation and to develop an appropriate course of action.
- I.T.3. Within five (5) calendar days of the time the Permittee is required to provide verbal notification, as specified in Permit Condition I.T.1, the Permittee shall provide to the Director a written submission that shall include, but not be limited to, the following:
  - I.T.3.a. Name, address, and telephone number of individual reporting;
  - I.T.3.b. A description including cause, location, extent of injuries, if any, and an assessment of actual or potential hazard(s) to the environment and human health outside the facility, where this is applicable, of the incident (noncompliance and/or release);
  - I.T.3.c. The period(s) in which the incident (noncompliance and/or release) occurred (including exact dates and times);
  - I.T.3.d. Whether the results of the incident remain a threat to human health and the environment (whether the noncompliance has been corrected and/or the release has been adequately cleaned up); and
  - I.T.3.e. If not, the anticipated time it is expected to continue; the steps taken or planned to reduce, eliminate, and prevent recurrence of the noncompliance, and/or the steps taken or planned to adequately remediate the release.
- I.T.4. The Permittee need not comply with the five (5) calendar day written notice requirement if the Director waives the requirement, and the Permittee submits a written report within 15 calendar days from the time the Permittee is required to provide verbal notification, as specified in Permit Condition I.T.1.
- I.T.5. If the facility stops operations in response to a fire, explosion, or release, a report must be submitted within 15 days, that includes the following information:
  - I.T.5.a. Name, title, and telephone number of the individual submitting the report;
  - I.T.5.b. Date, time and type of incident;
  - I.T.5.c. Location and suspected cause of the incident;
  - I.T.5.d. Name and quantity of materials involved, if any; and
  - I.T.5.e. Any leaks, pressure buildup, gas generation, or ruptures in valves, pipes, or other equipment;
  - I.T.5.f. All changes made to the operation of the facility to ensure that the event does not recur.
- I.T.6. If the required information is provided electronically or verbally within 24 hours of the incident, the Director may provide a written waiver of this reporting requirement.

I.U. OTHER NONCOMPLIANCE

The Permittee shall report on a semi-annual basis from the effective date of the Permit if there have been any other instances of noncompliance not otherwise required to be reported in accordance with Permit Condition I.T, and IDAPA 58.01.05.012 [40 CFR § 270.30(l)10)]. Reports shall be due on February 1 and August 1 of each year. The semi-annual reporting periods shall be defined as from January 1 to June 30, and from

July 1 to December 31 of each year, as applicable. The reports shall contain the information, as applicable, listed in Permit Condition I.T. Reporting is not required if there are no instances of noncompliance during the reporting periods. Reporting shall not constitute a defense for any noncompliance.

I.V. OTHER INFORMATION

Whenever the Permittee becomes aware that any relevant information was omitted from the Permit Application or incorrectly submitted in a Permit Application, or in any report to the Director, the Permittee shall promptly submit such facts or information to the Director in accordance with Permit Condition I.Y, and IDAPA 58.01.05.012 [40 CFR § 270.30(l)(11)].

I.W. SIGNATORY REQUIREMENT

All applications, reports, or information submitted to or requested by the Director shall be signed and certified in accordance with IDAPA 58.01.05.012 [40 CFR §§ 270.11 and 270.30(k)].

I.X. CONFIDENTIAL INFORMATION

Pursuant to Title 9, Chapter 3, of the Idaho Code, IDAPA 58.01.05.012 [40 CFR § 270.12], or any other applicable federal, state, or local law, the Permittee may assert a claim of confidentiality regarding any information required to be submitted pursuant to this Permit. The Department shall determine whether said information is exempt from disclosure, pursuant to applicable law.

I.Y. REPORTS, NOTIFICATIONS, AND SUBMISSIONS

All reports, notifications, or other submissions, which are required by this Permit and IDAPA 58.01.05.012 [40 CFR § 270.5], shall be sent or given to the Director in duplicate by certified mail, express mail, or hand delivered to:

Director, c/o Hazardous Waste Program Manager  
Department of Environmental Quality  
1410 North Hilton  
Boise, Idaho 83706-1255  
Telephone No. (208) 373-0502

Twenty-four (24) hour reporting telephone number: 1-800-632-8000 or 1-208-846-7610, Idaho State Emergency Medical Services (EMS) Communications Center ("StateComm")

The address and telephone numbers listed above are current as of the effective date of this Permit and may be subject to change.

- I.Z. DOCUMENTS AND INFORMATION TO BE MAINTAINED AT THE FACILITY
- I.Z.1. The Permittee shall maintain at the facility, until closure is completed and certified by an qualified Professional Engineer, and verified by the Department, the following documents and amendments, and revisions or modifications to these documents:
- I.Z.2. A complete copy of this Permit including Attachments and Tables and Modifications, including the following:
- I.Z.2.a. Waste Analysis Plan(s) for each HWMU of this permit, as required by IDAPA 58.01.05.008 [40 CFR § 264.13(b)] and Permit Attachment 2;
- I.Z.2.b. Inspection Procedures, Schedules, Logs, Records and Results as required by IDAPA 58.01.05.008 [40 CFR § 264.15(b)(2) and 264.73(b)(5)] and this Permit (Attachment 4), for a period of three (3) years;
- I.Z.2.c. Personnel training requirements for each position and personnel training records for each individual involved with the management of hazardous waste, as required by IDAPA 58.01.05.008 [40 CFR § 264.16(d)] and Permit Attachment 5, for a period of three (3) years from the date the employee left the facility;
- I.Z.2.d. Contingency Plan, as required by IDAPA 58.01.05.008 [40 CFR § 264.53(a)] and Permit Attachment 7;
- I.Z.2.e. Operating Record, as required by IDAPA 58.01.05.008 [40 CFR § 264.73] and this Permit; for a period of three (3) years unless noted otherwise; and
- I.Z.2.f. Closure Plan, Closure Cost Estimate, and Financial Assurance documentation, as required by IDAPA 58.01.05.008 [40 CFR §§ 264.112(a), 264.142, 264.143, and 264.147] and Permit Attachment 8.
- I.Z.3. All other documents (e.g., monitoring results, planned physical alterations or additions, reports of anticipated non-compliance) required by Permit Conditions I.P, I.Q, I.R, I.T, I.U, and II.O.
- I.Z.4. The Permittee shall maintain at the facility, until closure is completed and certified by an qualified Professional Engineer, and verified by the Department, the following tank system-specific and miscellaneous unit-specific documents and information:
- I.Z.4.a. Written tank system integrity assessment and certification, installation assessment, and any repair certifications; as required by IDAPA 58.01.05.008 [40 CFR §§ 264.193 and 264.196] and this Permit.
- I.Z.4.b. Any environmental and human health assessments of the miscellaneous unit as required by IDAPA 58.01.05.012 [40 CFR §§ 270.23] and this Permit.
- I.Z.5. Documents as specified by this Permit may be maintained at the Facility using solely an electronic format, as long as the documents are readily retrievable for review during an inspection and to obtain a printed copy, unless specified otherwise in this Permit



## MODULE II - GENERAL FACILITY CONDITIONS

### II.A. DESIGN AND OPERATION OF FACILITY

- II.A.1. The Permittee shall, at all times, properly construct, maintain, and operate the facility, as specified in this Permit, to minimize the possibility of a fire, explosion, or any unplanned, sudden or nonsudden release of hazardous waste or hazardous waste constituents to air, soil, groundwater, or surface water that could threaten human health or the environment, in accordance with IDAPA 58.01.05.008 [40 CFR § 264.31].
- II.A.2. The Permittee shall, at all times, properly maintain all existing HWMUs and the facility in accordance with the approved designs, specifications and maintenance schedules included in Permit Attachments 1 through 8. Minor deviations from the approved designs or specifications, necessary to accommodate proper construction and the substitution of the use of equivalent or superior materials or equipment, shall be noted on the as-built drawings and the rationale for those deviations shall be provided in narrative form. After completion of construction of each future HWMU, the Permittee shall submit final as-built drawings and the narrative report to the Director, as part of the construction certification document specified in Permit Condition I.R.

### II.B. RECEIPT OF OFF-SITE HAZARDOUS WASTE

- II.B.1. The Permittee may not receive hazardous waste from a foreign source.
- II.B.1.a The Permittee shall only receive off-site waste in accordance with the Part A in Permit Attachment 1, Exhibit A-1, and the waste acceptance criteria in Permit Attachment 2.
- II.B.1.b The Permittee shall receive and verify off-site waste in accordance with IDAPA 58.01.05.008 [40 CFR § 264.13(a)(4)], and Permit Attachments 1 and 2.
- II.B.2. When the Permittee is to receive hazardous waste from an off-site source (except where the Permittee is also the generator), he must inform the generator in writing that he has the appropriate permit(s) for, and will accept, the waste the generator is shipping. The Permittee must keep a copy of this written notice as part of the operating record, in accordance with IDAPA 58.01.05.008 [40 CFR §§ 264.12(b) and 264.73(b)(7)] and this Permit.
- II.B.3. The Permittee must follow the recordkeeping instructions in IDAPA 58.01.05.008 [Appendix I to 40 CFR Part 264] for each waste as it is received at the facility and maintain the information in the operating record until closure of the facility.
- II.B.4. The Permittee may reject, and return to the generator, entire shipments or single containers of waste that are not in accordance with the waste characterization, the manifest, or the specific container requirements specified in Permit Attachment 2.
- II.B.5. The Permittee shall notify the Department in writing, within three (3) business days of the occurrence that the Permittee has rejected for acceptance a hazardous waste shipment. This notice shall contain the following information:

- Generator name, EPA Identification (ID) Number, address, and telephone number;
- Transporter name and EPA ID Number;
- Waste description and quantity;
- Reason for rejection;
- Date of generator signature;
- Date of receipt and rejection; and
- Copy of the manifest.

## II.C. GENERAL WASTE ANALYSIS

II.C.1. The Permittee shall comply with the procedures and requirements of the Waste Analysis Plan, in accordance with IDAPA 58.01.05.008 and 58.01.05.011 [40 CFR §§ 264.13 and 268.7] and Permit Attachment 2 and as follows:

II.C.1.a For every waste stream received, the Permittee shall have on file (at the Facility), the generator provided “Generator Waste Determination and Characterization Form” (Exhibit C-6 of Permit Attachment 2), “Waste Profile Form” (Exhibit C-5 of Permit Attachment 2), and/or the “Sales/Service Document Waste Agreement” (Exhibit C-19 of Permit Attachment 2).

II.C.2. The Permittee shall collect representative samples of waste to be analyzed, in accordance with IDAPA 58.01.05.005, 58.01.05.008, and 58.01.05.011 [40 CFR Part 261, Appendix I; and 40 CFR §§ 264.13(a) and 268.7], and Permit Condition I.O.5.a, and as specified in Permit Attachment 2. The method used to obtain a representative sample of the waste to be analyzed shall be the appropriate method from IDAPA 58.01.05.005 [40 CFR Part 261, Appendix I]; the sampling guidance found in Chapter 9 of the EPA's most recent edition of *SW-846*; EPA's most recent edition of the *RCRA Groundwater Monitoring Technical Enforcement Guidance Document (TEGD)*, (EC-G-2002-130 or OSWER-9950.1); or an equivalent method approved by the Director.

- The Permittee shall perform the analysis of each waste stream in accordance with the latest edition of *SW-846*; *Standard Methods for the Examination of Water and Wastewater*, or equivalent methods approved by the Director, in accordance with Permit Condition I.O.5.a.
- The Permittee shall verify the analysis of each waste stream annually as part of its annual recharacterization, in accordance with *SW-846*, or equivalent methods approved by the Department. At a minimum, the Permittee shall maintain proper functional instruments, use approved sampling and analytical methods, verify the validity of sampling and analytical procedures, and perform correct calculations. If the Permittee uses a contract laboratory to perform analyses, the Permittee shall notify the laboratory in writing that it must operate under the waste analysis conditions set forth in this Permit.

II.C.3. The Permittee shall document the results of all waste analyses in the operating records, in accordance with Permit Conditions I.Z.3 and II.J.

- II.C.4. The Permittee shall maintain a copy of the latest approved Waste Analysis Plan, included as Permit Attachment 2, at the facility until the facility is fully closed and certified per IDAPA 58.01.05.008 [40 CFR § 264 Subpart G].
- II.C.5. The Permittee shall comply with the requirements of IDAPA 58.01.05.008 [40 CFR § 264.17(a)] and follow the procedures for handling ignitable, reactive and incompatible wastes set forth in Permit Attachment 2.
- II.C.6. The Permittee shall comply with the 40 CFR § 264 Subpart BB waste determination procedures, as required by IDAPA 58.01.05.008 [40 CFR § 264.1063(d) and (e)], and Permit Attachment 9.
- II.C.7. The Permittee shall comply with the 40 CFR § 264 Subpart CC waste determination procedures, as required by IDAPA 58.01.05.008 [40 CFR § 264.1083], and Permit Attachment 9.

#### II.D. SECURITY PROCEDURES

The Permittee shall comply the security provisions of IDAPA 58.01.008 [40 CFR § 264.14(b) and (c)], and as in Permit Attachment 3.

#### II.E. INSPECTION PLAN

The Permittee shall comply with the inspection schedules in Table 3. Inspection Schedule, as well as the inspection forms and procedures of the approved Inspection Plan, included as Permit Attachment 4. The Permittee shall comply with the inspection provisions of IDAPA 58.01.05.008 [40 CFR § 264.15] and as follows:

- II.E.1. The Permittee shall record inspections on the forms listed and logs in Table 3 and included in Permit Attachment 4, or an equivalent, approved log sheet, as specified in IDAPA 58.01.05.008 [40 CFR § 264.15(d)], in accordance with Permit Condition I.Z.2. At a minimum, the following information shall be recorded:
- The date and time of the inspection;
  - The name of the inspector;
  - A notation of the observations made; and
  - The date and nature of any repairs or other remedial actions.
- II.E.2. The Permittee shall immediately remedy, as required by IDAPA 58.01.05.008 [40 CFR § 264.15 (c)], or on a schedule approved by the Director, any deterioration or malfunction discovered by an inspection.
- II.E.3. The Permittee shall retain the inspection schedules and logs required by Permit Condition II.E.1, for at least three (3) years from the date of the inspection, in accordance with IDAPA 58.01.05.008 [40 CFR § 264.73(b)(5)].
- II.E.4. In the event of a facility shutdown or an extended holiday, no more than 96 hours [four (4) calendar days] shall elapse between inspections listed at a frequency of “operating working day” in Table 3.

II.F. TRAINING PLAN

- II.F.1. The Permittee shall comply with the Personnel Training Plan, included in Attachment 5 of this Permit and in accordance with IDAPA 58.01.05.008 [40 CFR § 264.16], until each HWMU is closed and certified.
- II.F.2. The Permittee shall conduct personnel training and ensure that all personnel who handle hazardous waste are trained in hazardous waste management, safety, and emergency procedures, as applicable to their job description as it is described in this Permit, in accordance with the Personnel Training Plan, included as Permit Attachment 5, and as required by IDAPA 58.05.08.008 [40 CFR § 264.16]. Documentation of training shall be maintained as specified in Permit Attachment 5.
- II.F.3. The Permittee shall maintain at the facility a copy of the Personnel Training Plan included as Permit Attachment 5, in accordance with Permit Condition I.Z.2 as specified in IDAPA 58.01.05.008 [40 CFR § 264.16], until the facility is fully closed and certified.

II.G. PREPAREDNESS AND PREVENTION

- II.G.1. The Permittee shall comply with the preparedness and prevention procedures included as Permit Attachment 6, in accordance with IDAPA 58.01.05.008 [40 CFR 264 Subpart C] and as follows:
- II.G.2. The Permittee shall operate the permitted units so as to minimize the possibility of a fire, explosion, or sudden or non-sudden releases to the air or soil, which could threaten human health or the environment, in accordance with IDAPA 58.01.05.008 [40 CFR § 264.31] and Permit Attachment 6.
- II.G.3. At a minimum, the Permittee shall test, and perform preventative maintenance and repair of the the facility emergency equipment, safety devices, and miscellaneous equipment, included in Permit Attachment 4, in accordance with IDAPA 58.01.05.008 [40 CFR § 264.33] and the manufacturer's specifications. The Permittee shall maintain records of preventative maintenance and repair activities on equipment, and schedules reflecting minimum and planned performance of these activities, in the operating record at the facility, in accordance with Permit Condition I.O, and Permit Condition I.Z.2.
- II.G.4. Required Equipment:  
  
At a minimum, the Permittee shall maintain at the facility the equipment set forth in the Contingency Plan, Permit Attachment 6, in accordance with IDAPA 58.01.05.008 [40 CFR § 264.32].
- II.G.5. Fire Alarm System:  
  
The Permittee shall maintain a fire alarm system in accordance with IDAPA 58.01.05.008 [40 CFR §§ 264.31 and 264.32] and as described in Permit Attachment 6.

II.G.6. Testing and Maintenance of Equipment:

The Permittee shall test and maintain the equipment specified in Permit Conditions II.G.4 and II.G.5, as necessary, to assure its proper operation in time of emergency, as required by IDAPA 58.01.05.008 [40 CFR § 264.33].

II.G.7. Access to Communication and Alarm Systems:

The Permittee shall maintain access to the communications and alarm systems, in accordance with IDAPA 58.01.05.008 [40 CFR § 264.34] and Permit Attachment 6.

II.G.8. Required Aisle Space:

The Permittee shall maintain the aisle space necessary to allow the unobstructed movement of personnel, fire protection equipment, spill control equipment, and decontamination equipment to any area of facility operation, in accordance with IDAPA 58.01.05.008 [40 CFR § 264.35] and Permit Attachment 6.

II.G.9. Arrangements with Local Authorities:

The Permittee shall maintain arrangements with state and local authorities, in accordance with IDAPA 58.01.05.008 [40 CFR § 264.37] and Permit Attachment 7. If state or local officials refuse to enter into preparedness and prevention arrangements with the Permittee for a given HWMU, the Permittee must document this refusal in the operating record.

II.H. CONTINGENCY PLAN

II.H.1. The Permittee shall follow the procedures outlined in the Contingency Plan in Permit Attachment 7; comply with IDAPA 50.01.05.008 [40 CFR § 264 Subpart D]; and as follows:

II.H.2. The Permittee shall immediately carry out the provisions of the Contingency Plan included in Permit Attachment 7, whenever there is a fire, explosion, or release of hazardous waste or hazardous waste constituents which could threaten human health or the environment.

II.H.3. The Permittee shall notify the Department by calling the Idaho Emergency Communication Center's 24-hour phone number (1-800-632-8000), as soon as practical, but in no event more than 24 hours after the discovery of any release of hazardous waste or hazardous waste constituents that may pose an immediate threat to the Permittee's personnel or the environment, or that requires the Permittee to take corrective action to mitigate the effects of the release, including implementing the Contingency Plan included in Permit Attachment 7.

II.H.3.a Releases requiring such notification shall include, but are not limited to, incidents such as personnel exposure or contamination for which outside medical attention is sought; storm events that result in run off leaving the active areas of the site; or any

fire or explosion at the site that requires use of emergency equipment to extinguish or control the fire.

II.H.4. The Permittee shall review and immediately amend, as necessary, in accordance with IDAPA 58.01.05.008 [40 CFR § 264.54], the Contingency Plan whenever:

II.H.4.a This Permit is revised;

II.H.4.b The Contingency Plan fails in an emergency;

II.H.4.c The Permittee changes the facility design, construction, operation, maintenance, or other circumstances in a way that materially increases the potential for fires, explosions, or releases of hazardous waste or hazardous waste constituents, or changes the response necessary in an emergency;

II.H.4.d The list of emergency coordinators changes; or

II.H.4.e Major changes to the list of emergency equipment occurs.

II.H.5. Any amendment to the Contingency Plan shall be subject to the requirements of IDAPA 58.01.05.012 [40 CFR §§ 270.41 and 270.42].

II.H.6. The Permittee shall submit to the Director the names, addresses, and phone numbers of all persons qualified to act as emergency coordinators.

II.H.7. The Permittee shall ensure that a trained emergency coordinator be available at all times in case of an emergency, in accordance with IDAPA 58.01.05.008 [40 CFR § 264.55].

II.H.8. The Permittee shall submit a copy of the Contingency Plan, and all revisions to the plan, to all local police departments, fire departments, hospitals, and state and local emergency response teams that may be called upon to provide emergency services, in accordance with IDAPA 58.01.05.008 [40 CFR § 264.53(b)].

II.H.9. The Permittee shall document the time, date, and details of any incident that requires implementing the Contingency Plan in the facility operating record. Within 15 days after the incident, the Permittee shall submit a written report of the incident to the Director, in accordance with IDAPA 58.01.05.008 [40 CFR § 264.56(i)]. Such report shall include, at a minimum, the items in Permit Condition I.T.

## II.I. MANIFEST SYSTEM

II.I.1. The Permittee shall follow the procedures for using the manifest system and identifying and resolving manifest discrepancies, in accordance with IDAPA 58.01.05.008 and 58.01.05.012 [40 CFR §§ 264.71, 264.72, 264.76, and § 270.30(l)(7)] and the Waste Analysis Plan, included as Permit Attachment 2.

II.I.2. Manifest Discrepancy Report:

If a significant discrepancy in a manifest is discovered, the Permittee must attempt to reconcile the discrepancy. If not resolved within 15 days, the Permittee must submit a letter report, including a copy of the manifest, to the Director, in accordance with IDAPA 58.01.05.008 and 58.01.05.012 [40 CFR §§ 264.72 and 270.30(l)(7)].

II.I.3. Unmanifested Waste Report:

The Permittee shall submit an unmanifested waste report to the Director, in accordance with IDAPA 58.01.05.008 and 58.01.05.012 [40 CFR §§ 264.76 and 270.30(l)(8)], within 15 calendar days of receipt of unmanifested waste.

II.J. RECORDKEEPING AND REPORTING

In addition to the recordkeeping and reporting requirements specified elsewhere in this Permit, the Permittee shall comply with the following:

II.J.1. Operating Record:

- II.J.1.a The Permittee shall maintain a written operating record at the facility, in accordance with [Permit Conditions I.Z.2.e, I.Z.5, and IDAPA 58.01.05.008](#) [40 CFR § 264.73(a)], for all records identified in IDAPA 58.01.05.008 [40 CFR § 264.73(b)(1)-264.73(b)(16)]. For records such as manifests, daily/weekly inspections, waste determinations, and training records, the written operating record may include electronically-created and/or maintained records, as long as record retention requirements are met, and the record can be produced on demand during an inspection. However, such information must be made unalterable once created.
- II.J.1.b Electronic records to be retained for the life of the Facility shall be in a format currently approved by the National Archives and Records Administration (NARA).
- II.J.1.c Emergency preparedness and procedures documents cannot be maintained solely electronically, and shall be maintained in hard copy at the facility; these include information that must be posted by a telephone, and the Contingency Plan, including all exhibits (Attachment 7).

II.J.2. Biennial Report:

The Permittee shall, by March 1 of each even-numbered year, submit to the Director a biennial report covering the facility activities during the previous calendar year pursuant to IDAPA 58.01.05.006, 58.01.05.008, and 58.01.05.012 [40 CFR §§ 262.41, 264.75(a)-(j), and 270.30(l)(9)].

- II.J.3. The Permittee shall retain all hazardous waste management records, and make such records available to the Director (at reasonable times) for inspection, in accordance with IDAPA 58.01.05.008 [40 CFR § 264.74(a)].
- II.J.4. The retention period for all records required by this Permit is extended automatically during the course of any unresolved enforcement action regarding the Permittee or as directed by the Director, in accordance with IDAPA 58.01.05.008 [40 CFR § 264.74(b)].
- II.J.5. All reports, notifications, applications, or other materials required to be submitted to the Director shall be submitted in accordance with Permit Condition I.Y.

II.J.6. Waste Minimization

The Permittee shall, by March 1 of each year, submit to the Director a Waste Minimization Certification, pursuant to IDAPA 58.01.05.008 [40 CFR § 264.73(b)(9)], that the Permittee has a program in place to reduce the volume and toxicity of all hazardous waste generated by the Permittee at the facility, to the degree determined by the Permittee to be economically practicable; and the proposed method of treatment, storage, or disposal is the most practicable method or combination of methods currently available to the Permittee, which minimizes the present and future threat to human health and the environment.

II.K. REQUIRED SUBMITTALS AND DATES

The Permittee shall comply with the required submittal or documents and dates specified in Table 4. Required Submittals and Dates.

II.L. CLOSURE

II.L.1. Closure Performance Standard:

The Permittee shall meet the general closure performance standard as specified in IDAPA 58.01.05.008 [40 CFR § 264.111] during closure of all HWMUs at the facility. Compliance with IDAPA 58.01.05.008 [40 CFR § 264.111] shall require closure of each HWMU in accordance with the Closure Plan, included as Permit Attachment 8.

II.L.2. For all HWMUs, minor deviations from the permitted closure procedures necessary to accommodate proper closure shall be described in a narrative form with the closure certification statements. The Permittee shall describe the rationale for implementing minor changes as part of this narrative report. Within 60 calendar days after completion of closure of each HWMU, the Permittee shall submit the closure certification statements and narrative report to the Director.

II.L.3. The Permittee shall perform a hazardous waste determination on all solid waste generated during closure including, but not limited to, contaminated process equipment, building components, tanks and ancillary equipment, scrap metal, etc., in accordance with IDAPA 58.01.05.006 [40 CFR § 262.11] and Attachment 2 of this Permit.

II.L.4. Amendment of Plan:

The Permittee shall amend the Closure Plan, in accordance with IDAPA 58.01.05.008 [40 CFR § 264.112(c)], whenever necessary, by submitting a written request for a permit modification to the Director.

II.L.5. Notification of Closure:

The Permittee shall notify the Director in writing at least 45 calendar days prior to the date the Permittee expects to begin closure of any HWMU.

II.L.6. Time Allowed for Closure:

The Permittee shall close all HWMUs within the time limits specified in the Closure Plan, included as Permit Attachment 8.

II.L.7. Disposal or Decontamination of Equipment, Structures, and Soils:

The Permittee shall decontaminate or dispose of all facility equipment, structures, and soils, as specified in the Closure Plan, included as Permit Attachment 8.

II.L.8. Certification of Closure:

The Permittee shall provide certification statements attesting that each HWMU at the facility has been closed in accordance with the applicable specifications in the Closure Plan, included as Permit Attachment 8, as required by IDAPA 58.01.05.008 [40 CFR § 264.115].

II.L.9. In the event that any HWMU cannot be closed by removing hazardous waste, hazardous constituents, contaminated subsoil, and any contaminated groundwater (i.e., clean-closed) as specified in Permit Condition II.L.1, the Permittee shall revise the facility Closure Plan to include a Post-Closure Plan for that HWMU. The Permittee shall submit to the Director the Post-Closure Plan for that HWMU, as a permit modification request, within 90 calendar days of the date that the Director notifies the Permittee in writing that the unit must be closed as a landfill, in accordance with IDAPA 58.01.05.008 and 58.01.05.012 [40 CFR §§ 264.118(a) and 270.42, Appendix I].

II.M. CLOSURE COST ESTIMATE

The Permittee shall comply with the requirements of IDAPA 58.01.05.008 [40 CFR § 264.142].

II.M.1. Most Recent Cost Estimate:

The Permittee shall maintain a current closure cost estimate for each individual HWMU, in accordance with IDAPA 58.01.05.008 [40 CFR § 264.142(a)]. The costs shall be summarized for final closure of the entire facility.

II.M.2. Cost Estimate Annual Adjustment:

The Permittee shall adjust the closure cost estimate for inflation within 30 calendar days after the close of the Permittee's fiscal year and before submission of updated information to the Director, as specified in IDAPA 58.01.05.008 [40 CFR § 264.142(b)]. The updated closure cost estimates shall be maintained by the Department as part of the facility's administrative record.

II.M.3. Cost Estimate Modification:

During the active life of the facility, the Permittee shall submit a revised closure cost estimate, within 30 calendar days after the Director has approved a modification to the

permitted Closure Plan, if such modification results in an increase in the closure cost estimate from the latest closure cost estimate in accordance with IDAPA 58.01.05.008 [40 CFR § 264.142(c)]. The revised closure cost estimate must be adjusted for inflation, as specified in IDAPA 58.01.05.008 [40 CFR § 264.142(b)].

II.M.4. Closure Cost Estimate Recording:

- II.M.4.a During the operating life of the facility, the Permittee shall keep a copy of each closure cost estimate and adjustment made at the facility, in accordance with IDAPA 58.01.05.008 [40 CFR § 264.142(a), (b), and (c)].
- II.M.4.b The Permittee shall maintain an updated closure cost estimate for the entire facility closure based on the HWMUs that have received RCRA waste, but have not yet been certified as closed, and have not been released from the financial responsibility requirements at the facility until the facility is fully closed and certified.

II.N. FINANCIAL ASSURANCE FOR FACILITY CLOSURE

- II.N.1. The Permittee shall demonstrate continuous compliance with IDAPA 58.01.05.008 [40 CFR §§ 264.143 and 264.146] by providing documentation of financial assurance, as required by IDAPA 58.01.05.008 [40 CFR § 264.151], in the amount of the closure cost estimate required by Permit Condition II.M.1 of this Permit.
- II.N.2. Changes in financial assurance mechanisms must be approved by the Director pursuant to IDAPA 58.01.05.008 [40 CFR § 264.143].

II.O. LIABILITY REQUIREMENTS

The Permittee shall demonstrate continuous compliance with the requirements of IDAPA 58.01.05.008 [40 CFR § 264.147(a)] and the documentation requirements of IDAPA 58.01.05.008 [40 CFR § 264.151], including the requirements to have and maintain liability coverage for sudden and accidental occurrences in the amount of at least \$1 million per occurrence, with an annual aggregate of at least \$2 million, exclusive of legal defense costs.

II.P. INCAPACITY OF OWNERS/OPERATORS, GUARANTORS or FINANCIAL INSTITUTIONS

The Permittee shall comply with IDAPA 58.01.05.008 [40 CFR § 264.148] whenever necessary.

II.Q. AIR EMISSION STANDARDS

- II.Q.1. The Permittee shall comply with the Organic Air Emission Standards of IDAPA 58.01.08.008 [40 CFR Part 264] for hazardous waste treatment, storage, and disposal (TSD) facilities including:
  - II.Q.1.a IDAPA 58.01.08.008 [40 CFR Part 264, Subpart BB] for emission standards that address leaks of total organics from specific equipment (e.g., pumps, valves,

compressors) that contains or contacts hazardous waste that has a total organic concentration of at least 10% by weight;

- II.Q.1.b IDAPA 58.01.08.008 [40 CFR Part 264, Subpart CC] for emission standards that address the management of hazardous waste, containing an average volatile organic (VO) concentration at the point of waste origination of more than 500 parts per million by weight (ppmw), in tanks and containers; and
- II.Q.1.c IDAPA 58.01.05.008 [40 CFR § 264.601] which applies permit terms and provisions from Subpart BB and Subpart CC that are appropriate for miscellaneous units.

#### II.R. LAND DISPOSAL RESTRICTIONS

The Permittee shall comply with all applicable Land Disposal Restriction (LDR) requirements set forth in IDAPA 58.01.05.011 [40 CFR § 268] for hazardous waste, as applicable and amended.

- II.R.1. The Permittee may store hazardous wastes for up to one year, in accordance IDAPA 58.01.05.011[40 CFR § 268.50(b)], unless the Director can demonstrate that such storage was not solely for the purpose of accumulation of such quantities of hazardous waste as are necessary to facilitate proper recovery, treatment, or disposal.

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**MODULE III - CONTAINER STORAGE**

III.A. PERMITTED CONTAINER STORAGE AREAS

Subject to the terms of this Permit, the Permittee may store hazardous wastes specified in Permit Condition III.B in the following hazardous waste container storage areas for up to one (1) year:

III.A.1. CSA-1, Warehouse

Unit Name	Warehouse	Unit No.	CSA-1
Unit Type	Container Storage		
Process Codes	S01		
Description	Container Storage Area (CSA)-1 is a warehouse that is approximately 38 feet (ft) by 25 ft or approximately 950 square feet (ft <sup>2</sup> ). The CSA-1 shall be used for drum/container storage, storage of sediment from cleaning the dumpster in the return and fill shelter, spent immersion cleaner, and dry cleaning wastes. These wastes are not incompatible with one another; however, they shall be segregated and stored in United States Department of Transportation (USDOT)-approved containers. All containers stored within the warehouse shall be palletized.		
Capacity	Container Storage: 5,620 gal – based on 10% of secondary containment capacity.		
Notes	This unit has been permitted for storage since October 1991 and operational since April 1993.		

III.A.2. CSA-2, Metal Paint Shelter

Unit Name	Metal Paint Shelter	Unit No.	CSA-2
Unit Type	Container Storage		
Process Codes	S01		
Description	CSA-2 is an enclosed metal shelter approximately 16 ft by 20 ft or approximately 320 ft <sup>2</sup> . CSA-2 shall only be used for the storage of containerized paint waste and paint gun waste. These wastes shall be placed in USDOT-approved containers. All containers stored within the metal shelter shall be palletized.		
Capacity	Container Storage: 2,700 gal – 18 pallets (based on 5 30-gal drums/pallet)		
Notes	This unit has been permitted for storage since October 1991 and operational since April 1993.		

III.B. PERMITTED/PROHIBITED WASTE IN THE CONTAINER STORAGE AREAS

The Permittee shall only store wastes that are identified in Permit Conditions III.B.1 and III.B.2 subject to the terms of this Permit and as follows:

III.B.1. CSA-1, Warehouse

Unit Name	Warehouse	Unit No.	CSA-1
<b>Allowed Waste Types</b>	Used parts washer solvent, dumpster sediment/sludge/mud, used immersion cleaner, dry cleaning wastes, branch debris, and paint waste		
<b>Hazardous Waste Numbers</b>	D001, F002, F003, F005, D004-D011, D018, D019, D021-D030, D032-D043		
<b>Process Codes</b>	S01		
<b>Maximum Volume</b>	5,620 gal		
<b>Activities Allowed</b>	Storage		
<b>Types of Containers</b>	5-gal pails, 15-gal plastic drums, 16-gal drums, 30-gal drums, 55-gal drums, and other USDOT-approved containers meeting the specifications listed in Permit Attachment D, Exhibit D-13, Safety-Kleen Drum Spreadsheet, up to a maximum of 95 gal.		
<b>Secondary Containment Description</b>	Two (2) concrete sumps/trenches with a total capacity of 562 gal 1) 11.75 ft long by 1.75 ft wide by 3.5 ft deep 2) 41.75 in. long by 11.25 in. wide by 12 in. deep.		
<b>Notes</b>	All containers of waste must be palletized.		

III.B.2. CSA-2, Metal Paint Shelter

Unit Name	Metal Paint Shelter	Unit No.	CSA-2
<b>Allowed Waste Types</b>	Paint wastes, paint gun wastes, spent parts washer solvent		
<b>Hazardous Waste Numbers</b>	D001, F002, F003, F005, D004-D011, D018, D019, D021-D030, D032-D043		
<b>Process Codes</b>	S01		
<b>Maximum Volume</b>	2,700 gal – 18 pallets (based on 5 30-gal drums/pallet)		
<b>Activities Allowed</b>	Storage		
<b>Types of Containers</b>	5-gal pails, 15-gal plastic drums, 16-gal drums, 30-gal drums, 55-gal drums, and other USDOT-approved containers meeting the specifications listed in Permit Attachment D, Exhibit D-13, Safety-Kleen Drum Spreadsheet, up to a maximum of 95 gal.		
<b>Secondary Containment Description</b>	Six (6) interconnected metal pans with an overall dimension of 20 ft long by 15 ft wide by 0.5 ft high, with 2% displacement for columns/rails. The total capacity is 1,100 gal.		
<b>Notes</b>	All containers of waste must be palletized.		

III.B.3. The Permittee shall only store hazardous waste that:

III.B.3.a Is identified in Permit Condition III.B.1 in the CSA-1 Warehouse; or

III.B.3.b Is identified in Permit Condition III.B.2 in the CSA-2 Metal Paint Shelter.

III.B.4. The waste shall be stored on pallets in USDOT-approved containers, as listed in Exhibit D1-3 of Permit Attachment 1.

### III.C. CONDITION OF CONTAINERS

III.C.1. If a container holding hazardous waste is not in good condition (e.g., severe rusting, apparent structural defects) or if it begins to leak, the Permittee shall transfer the hazardous waste from such container to a container that is in good condition, or otherwise manage the waste in compliance with the conditions of this Permit and IDAPA 58.01.05.008 [40 CFR § 264.171].

III.C.2. Only containers included in the Special Permit issued by the USDOT-Pipeline and Hazardous Material Safety Administration may be reused without being subjected to leak-proof testing in 49 CFR § 173.28(b)(2). (This applies to drums identified with Safety-Kleen part numbers 13348, 3348, 13349, 3349, 3395, and 3399 in Exhibit D1-3 of Permit Attachment 1.)

### III.D. COMPATIBILITY OF WASTE WITH CONTAINERS

The Permittee shall assure that the ability of the container to contain the waste is not impaired, in accordance with IDAPA 58.01.05.008 [40 CFR § 264.172].

### III.E. MANAGEMENT OF CONTAINERS

III.E.1. The Permittee shall keep all containers closed during storage and shall not open, handle, or store containers in a manner which may rupture the containers or cause them to leak, in accordance with IDAPA 58.01.05.008 [40 CFR § 264.173].

III.E.2. The Permittee shall store containers on pallets or grates, in accordance with Permit Attachment 1 of this Permit.

### III.F. TYPES OF CONTAINERS

The Permittee shall only store wastes in USDOT-approved containers, and shall follow the performance standards to meet USDOT shipping standards for storage and transport.

### III.G. SECONDARY CONTAINMENT SYSTEMS

III.G.1. The Permittee shall construct and maintain all secondary containment systems in accordance with IDAPA 58.01.05.008 [40 CFR § 264.175], and the plans and specifications in Permit Attachment 1.

III.G.1.a The secondary containment shall be capable of containing 10% of the total volume of containers or 100% of the volume of the largest container stored within, whichever is greater.

III.G.1.b The CSA-1 Warehouse secondary containment system shall consist of a slab, curbing, and two collection trenches. The concrete shall be free of cracks and gaps

and shall be sealed with an impermeable epoxy coating. The area shall have spill prevention containment in the form of a 6-in.-wide by 4-in.-high steel-reinforced concrete curb around the perimeter except at the two collection trenches. One trench, located at the rollup fire door, is 11.75 ft long by 1.75 ft wide by 3.5 ft deep (539 gal), and the other trench, located at the man door entrance, is 41.75 in. long by 11.25 in. wide by 12 in. (24 gal). The total capacity is 563 gal.

III.G.1.c The CSA-2 Metal Paint Shelter secondary containment shall be in the form of six interconnected metal pans, sealed with an impermeable epoxy coating, with an overall dimension of 20 ft long by 15 ft wide by 0.5 ft high, with 2% displacement for columns/rails. The total capacity is 1,100 gal.

III.G.2. Spilled or leaked waste and accumulated precipitation must be removed from the trenches or collection pans shall be removed, in a timely manner (within 24 hours of detection), in accordance with IDAPA 58.01.05.008 [40 CFR 264.175(b)(5)].

### III.H. INSPECTION SCHEDULES AND PROCEDURES

III.H.1. The Permittee shall inspect the container storage areas in accordance with IDAPA 58.01.05.008 [40 CFR § 264.174], and the inspection schedules in Permit Attachment 4 of this Permit to detect leaking containers and deterioration of containers and the containment system caused by corrosion and other factors.

III.H.2. The Permittee shall visually inspect each container when received for defects, at least within 24 hours. Repairs of defects shall be completed within five (5) days or the contents of the container must be transferred to a USDOT-approved container, in accordance with Permit Attachment 9 and IDAPA 58.01.05.008 [40 CFR Subpart CC].

### III.I. RECORDKEEPING

The Permittee shall document the results of all inspections and waste analyses performed in the operating record, in accordance with Permit Conditions I.Z and II.J of this Permit.

### III.J. CLOSURE

The Permittee shall close the container storage areas in accordance with the procedures in the Closure Plan in Permit Attachment 8 and Permit Condition II.L.

### III.K. IGNITABLE OR REACTIVE WASTE

III.K.1. The Permittee shall not locate containers holding ignitable or reactive waste within 15 meters (50 ft) of the facility's property line, in accordance with IDAPA 58.01.05.008 (40 CFR 264.176).

III.K.2. The Permittee shall take precautions to prevent accidental ignition or reaction of ignitable or reactive wastes, and follow the procedures specified in Permit Attachment 6, in accordance with IDAPA 58.01.05.008 (40 CFR § 264.17).

III.L. INCOMPATIBLE WASTE

III.L.1. The Permittee shall use containers made of or lined with materials that are compatible with the hazardous waste to be stored.

III.L.2. The Permittee shall not store incompatible wastes or materials in the container storage areas.

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### MODULE IV - TANK STORAGE

#### IV.A. APPLICABILITY

Subject to the terms of this Permit, the Permittee may store hazardous wastes specified in Permit Condition IV.B in the following hazardous waste storage tank system:

##### IV.A.1. Bulk Storage Tank

Unit Name	Bulk Storage Tank	Area Name	Tank Farm
<b>Process Codes</b>	<b>S02</b>		
<b>Description:</b>	The 18 ft-8 in. high by 10 ft-6 in. outside diameter 12,000-gal aboveground storage tank shall be used for the accumulation of spent solvent wastes received from the Return and Fill (R&F) Station Wet Dumpster/Drum Washer.		
<b>Capacity:</b>	<b>Tank Storage:</b> 11,400 gal operating capacity		
<b>Design Specifications</b>	<p><b>Type:</b> Aboveground, vertical, cylindrical, shallow cone roof, flange and dish bottom – steel. Diameter 10 ft-6 in.; Height approximately 18 ft-0 in. with a 24 in. skirt; 12,000 gal atmospheric pressure</p> <p><b>Material of Construction:</b> Carbon Steel</p> <p><b>Label:</b> Underwriters Laboratories Standard 142 (UL-142) – Aboveground Tank for Flammable Liquids.          Manufacturer: C.B. Inc., doing business as Topaz Tank and Manufacturer, 2269 S. Liberty, Boise, Idaho 83705.          Built to weak shell to roof design, this tank is provided with a long bolt manhole test pressure not to exceed 2.5 pounds per square inch gauge (psig)          Nation Fire Protection Association (NFPA) Diamond: 0-2-0          Maximum Fill Level: 11,400 gal</p> <p><b>Support Type:</b> 24 in. skirt with fireproof coating</p> <p><b>Normal Vent:</b> Morrison Brothers #548 – 3 in.</p> <p><b>Emergency Vent:</b> Manway with loose cover – nuts backed off to allow the cover to raise at least 1½ in. per UL-142, and weak shell-to-roof design. Manway cover labeled, “This Manway is provided with long bolts to permit emergency relief venting. Do not replace with shorter bolts.”</p> <p><b>Tank Connections:</b> All plugged except 3 each with a ball valve and external emergency valve</p> <p><b>Tank Wall Thickness:</b> ¼ in. shell thickness bottom 12 ft, and 3/16 in. shell thickness top 6 ft</p> <p><b>Anchors:</b> The tank is anchored in 4 places</p> <p><b>Tank Openings – Unused:</b> Plugged</p> <p><b>Tank Gauge:</b> Varec</p> <p><b>Tank High Level Alarm:</b> Level Devil</p> <p><b>Piping:</b> 3 in. Schedule 40, American Society of Testing and Material (ASTM) 2a, ASTM a53 Grade a (Schedule 40 Black Steel Pipe)</p>		
	This unit has been permitted for storage since October 1991 and operational since April 1993.		

IV.B. PERMITTED AND PROHIBITED WASTE IDENTIFICATION

IV.B.1. The Permittee may store hazardous waste in the in the tank identified in Permit Condition IV.A, subject to the terms of this Permit and as follows:

Unit Name	Bulk Storage Tank	Area Name	Tank Farm
<b>Allowed Waste Types</b>	Spent solvent wastes		
<b>Hazardous Waste Codes</b>	D001, D004-D011, D018, D019, D021-D030, D032-D043		
<b>Process Codes</b>	S02		
<b>Maximum Volume</b>	11,400 gal		
<b>Tank Construction Material</b>	Carbon steel		
<b>Activities Allowed</b>	Storage		
<b>Secondary Containment Description</b>	48.5 ft long by 20.5 ft wide by 3 ft high, steel-reinforced concrete dike with a useable capacity of 18,786 gal.		

IV.B.2. The Permittee shall only store hazardous waste identified in Permit Condition IV.B.1 of this Permit, in the tank system identified in Permit Condition IV.A.1, including ancillary equipment and secondary containment.

IV.B.3. The Permittee may store hazardous waste for up to one (1) year in the tank listed in Permit Condition IV.A.1.

IV.C. SECONDARY CONTAINMENT

IV.C.1. The Permittee shall design, construct, and operate the secondary containment system, capable of detecting and collecting releases and accumulated liquids, and preventing any migration of waste or accumulated liquid out of the system to the soil, groundwater, or surface water during use of the tank system, in accordance with IDAPA 58.01.05.008 [40 CFR § 264.193(b)-(f)], and in accordance with the detailed design plans and descriptions contained in Permit Attachment 1.

IV.D. TANK AND TANK SYSTEM INSTALLATION

IV.D.1. The Permittee shall keep on file at the facility a written assessment of the tank system integrity. The assessment shall be certified by a qualified Professional Engineer, in accordance with IDAPA 58.01.05.008 [40 CFR § 264.192(a)].

IV.D.2. The Permittee shall obtain and keep on file at the facility written statements by those persons required to certify the design of the tank system and supervise the installation of the tank system in accordance with the requirements of IDAPA 58.01.05.008 [40 CFR § 264.192(b)-(f)], that attest that the tank system was properly designed, and installed and that repairs, pursuant to IDAPA 58.01.05.008 [40 CFR § 264.192(b) and (d)], were performed. These written statements must also include the certification statement as required in IDAPA 58.01.012 [40 CFR § 270.11(d)].

#### IV.E. TANK SYSTEM OPERATING CONDITIONS

##### IV.E.1. Spill and Overflow Prevention:

The Permittee shall use appropriate controls and practices to prevent spills and overflows from the tank system, as required by IDAPA 58.01.05.008 [40 CFR § 264.194(b)], using the procedures and equipment described in Permit Attachment 6.

##### IV.E.2. Damage Protection:

IV.E.2.a The Permittee shall not place hazardous wastes in the tank system if they could cause the tank, its ancillary equipment, or a containment system to rupture, leak, corrode, or otherwise fail.

IV.E.2.b The Permittee shall protect the tank systems from accelerated corrosion, erosion, or abrasion.

##### IV.E.3. Air Emission Standards:

The Permittee shall manage all hazardous waste placed in the tank so that compliance with IDAPA 58.01.05.008 [40 CFR § 264.200] is met.

#### IV.F. RESPONSE TO LEAKS OR SPILLS

IV.F.1. In the event of a leak or a spill from the tank system, from a secondary containment system, or if a system becomes unfit for continued use, in accordance with IDAPA 58.01.05.008 [40 CFR § 264.196(a)-(f)], the Permittee shall remove the system from service immediately and complete the following actions:

IV.F.1.a Stop the flow of hazardous waste into the system and inspect the system to determine the cause of the release;

IV.F.1.b Remove waste and accumulated precipitation from the system within 24 hours of the detection of the leak or release, to prevent further release and to allow inspection and repair of the system. If the Permittee finds that it will be impossible to meet this time period, the Permittee shall notify the Director and demonstrate that the longer time period is required. If the collected material is a hazardous waste, it shall be managed in accordance with all applicable requirements of IDAPA 58.01.05.006-58.01.05.008 [40 CFR Parts 262-264];

IV.F.1.c The Permittee shall note that if the collected material is discharged through a point source to U.S. waters or to a Publicly-Owned Treatment Works (POTW), it is subject to requirements of the Clean Water Act. If the collected material is released to the environment, it may be subject to reporting in accordance with 40 CFR Part 302 (CERCLA Reportable Quantities);

IV.F.1.d Spill or Leak Cleanup:

Immediately conduct a visual inspection of all releases to the environment and based on that inspection, prevent further migration of the leak or spill to soils or surface

water, and properly dispose of any visible contamination of the soil or surface water;  
and

- IV.F.1.e Close the system in accordance with the Closure Plan specified in Permit Attachment 8 unless the following actions are taken:
- For a release caused by a spill that has not damaged the integrity of the system, the Permittee shall remove the released waste and make any necessary repairs to fully restore the integrity of the system before returning the tank system to service.
  - For a release caused by a leak from the primary tank system to the secondary containment system, the Permittee shall repair the primary tank system prior to returning it to service.
  - For a release to the environment caused by a leak from an aboveground portion of the ancillary equipment that does not have secondary containment, the Permittee shall repair the tank system prior to returning it to service.
  - If the Permittee replaces a component of the tank system to eliminate the leak, that component must satisfy the requirements for new tank systems or components in IDAPA 58.01.05.008 [40 CFR §§ 264.192 and 264.193].
- IV.F.2. For all major repairs to eliminate leaks or restore the integrity of the tank system, the Permittee must obtain a certification by qualified Professional Engineer that the repaired system is capable of handling hazardous wastes without release for the intended life of the system before returning the system to service. Examples of major repairs are: Installation of an internal liner, repair of a ruptured tank, or repair or replacement of a secondary containment vault.
- IV.G. INSPECTION SCHEDULES AND PROCEDURES
- IV.G.1. Inspection Schedule:
- The Permittee shall inspect the tank system, in accordance with the inspection schedule in Table 3, and described in Permit Attachment 4, and shall comply with Permit Conditions IV.G.2, IV.G.3, and IV.G.4 as part of those inspections.
- IV.G.2. Overfill Inspection:
- The Permittee shall inspect the overfill controls in accordance with the inspection schedule in Table 3, and described in Permit Attachment 4.
- IV.G.3. Other Tank System Component Inspection:
- The Permittee shall inspect, at a minimum, the following tank system components, once each operating day, in accordance with IDAPA 58.01.05.008 [40 CFR § 264.196]:
- IV.G.3.a Aboveground portions of the tank system to detect corrosion or releases of waste;

- IV.G.3.b Ancillary equipment that is not provided with secondary containment;
- IV.G.3.c Data gathered from monitoring and leak detection equipment (e.g., pressure or temperature gauges) to ensure that the tank system is being operated according to its design;
- IV.G.3.d Construction materials and the area immediately surrounding the externally accessible portion of the tank system, including the secondary containment system, piping, valves, and pumps, to detect erosion or signs of releases of hazardous waste.
- IV.G.4. The Permittee shall inspect the secondary containment systems each operating day, and remove any leaked waste within 24 hours, as required by IDAPA 58.01.05.008 [40 CFR § 264.193(c)(3)].
- IV.G.5. The Permittee shall document compliance with Permit Conditions IV.G.2, IV.G.3, and IV.G.4, and place this documentation in the operating record for the facility, as required by Permit Condition II.J.1.
- IV.G.6. The Permittee shall construct and/or maintain all new and existing tanks systems in accordance with all applicable requirements of IDAPA 58.01.05.008 [40 CFR Part 264 Subpart J], and as specified in the plans and specifications contained in Permit Attachment 4.
- IV.G.7. Tank Formal Inspections and Integrity Tests:
- The Permittee shall perform a formal tank inspection and/or integrity assessment as required by 40 CFR § 112 for tanks holding petroleum materials. The Permittee shall follow industry standards developed by the Steel Tank Institute (STI) for shop-fabricated tanks: *Standard for the Inspection of Aboveground Storage Tanks* (STI SP001), current edition. The test shall include an assessment of tank shell and bottom thickness; and the tank interior shall be inspected for scaling, pitting and corrosion of wall surfaces, welded joints and connections between tank walls and fittings. Formal inspections as indicated in SP001 shall be conducted by an STI Certified Inspector.
- IV.G.7.a The assessment shall include an integrity assessment of the secondary containment, to ensure it still meets design basis criteria.
- IV.G.7.b Within 60 days of testing, the Permittee shall submit these data to the Director. If any testing indicates that the tank shell or bottom thickness is less than the minimum allowed under the test method, the Permittee shall initiate procedures to replace or repair the tank per IDAPA 58.01.05.008 [40 CFR § 264.196].
- IV.G.7.c The Permittee shall provide the results of a formal tank inspection and/or integrity assessment to the Director within six (6) months of the effective date of this Permit; and, thereafter, periodically as recommended by the STI Certified Inspector.
- IV.G.8. The Permittee shall ensure that the surface coating of the tank and piping are in good condition, the heat trace is in working order (from September 1 to May 1), and that the insulation jacketing on the waste piping and tank is in good condition.

- IV.G.9. The Permittee shall ensure that the base of the tank is in good condition by removing the panels in the flashing and inspecting underneath the tank at least one time per year.
- IV.H. RECORDKEEPING AND REPORTING
- IV.H.1. The Permittee shall verbally report to the Director within 24 hours of detection, when a leak or spill occurs from a tank system or secondary containment system to the environment, in accordance with Permit Condition I.T, as required per IDAPA 58.01.05.008 [40 CFR § 264.196(d)].
- IV.H.2. Releases from a tank system that are contained within a secondary containment system need not be reported as required in Permit Condition IV.H.1 of this Permit. However, said release shall be recorded in the operating record, as required by Permit Condition II.J.1.
- IV.H.3. Within 30 calendar days of detecting a release to the environment from a tank system or secondary containment system to the environment, the Permittee shall report the following to the Director:
- IV.H.3.a Likely route of migration of the release;
  - IV.H.3.b Characteristics of the surrounding soil (including soil composition, geology, and hydrogeology, taking into account possible climatic effects on the soil characteristics);
  - IV.H.3.c Results of any monitoring or sampling conducted in connection with the release. If the Permittee finds it will be impossible to meet this time period, the Permittee shall provide the Director with a schedule of when the results will be available. This schedule must be provided before the required 30 calendar day submittal period expires;
  - IV.H.3.d Proximity of downgradient drinking water, surface water, and populated areas; and
  - IV.H.3.e Description of response actions taken or planned.
- IV.H.4. The Permittee shall obtain, and keep on file at the facility, the written statements by those persons required to certify the design and installation of the tank system until such time that the tank system is certified closed in accordance with Permit Condition II.L.8
- IV.H.5. The Permittee shall keep on file at the facility, the written tank system assessments, in accordance with IDAPA 58.01.05.008 [40 CFR § 264.192], of the tank system's integrity and suitability for handling hazardous waste, until such time that the tank system is certified closed in accordance with Permit Condition II.L.8.
- IV.H.6. The Permittee shall maintain at the facility, a record of the results of leak tests and integrity tests conducted, in accordance with Permit Condition IV.G.7.
- IV.H.7. In the event that the tank exceeds the maximum allowable capacity designated for that tank in Permit Conditions IV.B.1, the Permittee shall document, in the operating record required by Permit Condition II.J.1, the following information:

- The date and time of occurrence;
- Indicate if any other available tank or miscellaneous unit storage volume was available and identify the unit;
- If additional storage volume was not available, indicate if the associated collection activities were automatically cutoff;
- Indicate if the tank's high level alarm system was activated;
- Describe the operating control procedures that failed or otherwise allowed the tank system to exceed the maximum capacity.

IV.H.8. The Permittee shall document compliance with Permit Conditions IV.H.2 and IV.H.3 by placing the documentation in the operating record for the facility, as required by Permit Condition II.J.1.

#### IV.I. CLOSURE

The Permittee shall close the tank systems in accordance with the Closure Plan, included as Permit Attachment 8, and Permit Condition II.L.

#### IV.J. SPECIAL TANK PROVISIONS FOR IGNITABLE OR REACTIVE WASTES

IV.J.1. The Permittee shall not place ignitable or reactive waste in the tank system or in the secondary containment systems, unless the procedures specified in Permit Attachment 6 are followed.

IV.J.2. The Permittee shall comply with the requirements for the maintenance of protective distances between the waste management area and any public ways, streets, alleys, or an adjoining property line that can be built upon, as required in Tables 2-1 through 2-6 of the National Fire Protection Association's "*Flammable and Combustible Liquids Code*" (1977 or 1981) (i.e., two times the tank diameter).

#### IV.K. SPECIAL CONDITIONS

IV.K.1. The Permittee shall maintain the heat tracing on the Bulk Storage Tank and piping.

IV.K.2. The Permittee shall maintain the insulation on the Bulk Storage Tank and piping.

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### MODULE V - MISCELLANEOUS UNIT

V.A. APPLICABILITY

Subject to the terms of this Permit, and Attachment 1 of this Permit, the Permittee may store hazardous wastes specified in Permit Condition V.B of this Permit in the following hazardous waste miscellaneous unit:

V.A.1. Wet Dumpster/Drum Washer

Unit Name	Wet Dumpster/Drum Washer	Building Name	Return and Fill Station
<b>Process Codes</b>	X99		
<b>Description</b>	<p>The 5 ft long by 3 ft wide by 3 ft-4 in. high metal dumpster houses a drum washer, which has an operating capacity of 162 gal. The drum washer is approximately 4.77 ft long by 2.77-ft wide by 1.23 ft tall, plus 1.67 ft by 2.77 ft wide by 1.67 ft high (neither shape is entirely rectangular). A steel enclosure with a 13-ft roll-up door sets on top of the dumpster. The wet dumpster/drum washer shall be used for the accumulation of spent solvent wastes and for washing of drums; any accumulated solvent waste shall be transferred to the bulk storage tank and any sediment shall be removed prior to the end of the business day.</p>		
<b>Capacity</b>	<b>Miscellaneous Unit Storage:</b> 162 gal in drum washer		
<b>Specifications</b>	<p><b>Specifications:</b>            UFC Article 79-803: “<i>Cleaning with Class I or Class II Liquids</i> shall be conducted in</p> <ol style="list-style-type: none"> <li>1. A machine listed and approved for the purpose as set forth in Section 79.803(c), or</li> <li>2. A use, dispensing and mixing room as set forth in Section 79.805.”</li> </ol> <p>The miscellaneous unit is not listed, so the requirements of Article 79-803-2 apply (use, dispensing and mixing room).</p> <p><b>Material of Construction:</b>            Dumpster: 14 gauge (ga) carbon steel            Drum Washer: 16 ga (0.0598 in.) hot rolled carbon steel plate            Drum Washer Lid: 5/64 in. Aluminum Sheet, type 3003080 (0.080 in. thick unless noted otherwise)            Enclosure: 14 ga steel            Roll-up door: galvanized 80 grade steel, with a nylon brush mounted to sides and top of drum washer opening, and a nitrile seal on bottom of door</p>		
<b>Notes</b>	This unit has been permitted for storage since October 1991 and operational since April 1993.		

V.B. PERMITTED AND PROHIBITED WASTE IDENTIFICATION

V.B.1. The Permittee may only store hazardous waste in the miscellaneous unit identified in Permit Condition V.A.1 subject to the terms of this Permit and as follows:

Unit Name	Wet Dumpster/Drum Washer	Building Name	Return and Fill Station
<b>Allowed Waste Types</b>	Spent parts washer solvents and sediments		
<b>Hazardous Waste Numbers</b>	D001, D004-D011, D018, D019, D021-D030, D032-D043		
<b>Process Codes</b>	X99		
<b>Maximum Volume</b>	162 gal		
<b>Construction Material</b>	Carbon steel		
<b>Activities Allowed</b>	Drum washing, storage and transferring waste		
<b>Secondary Containment Description</b>	Six (6) interconnected metal pans with an overall dimension of 29 ft-6 in. long by 10 ft-10 in. wide x 6 in. high, and a total usable capacity of 1,135 gal.		

V.B.1.a The Permittee shall only store hazardous waste that is identified in Permit Condition V.B.1 in the miscellaneous unit.

V.B.1.b The Permittee shall treat only those wastes which are compatible with the construction material of the miscellaneous unit(s) and are listed in Permit Attachment 1.

V.C. SECONDARY CONTAINMENT

V.C.1. The Permittee shall design, construct, and operate the secondary containment system, capable of detecting and collecting releases and accumulated liquids, and preventing any migration of waste or accumulated liquid out of the system to the soil, groundwater, or surface water during use of the system, in accordance with IDAPA 58.01.05.008 [40 CFR § 264.193(b)-(f)], and in accordance with the detailed design plans and descriptions contained in Permit Attachment 1.

V.D. MISCELLANEOUS UNIT SYSTEM INSTALLATION

V.D.1. For the purpose of unit design and installation, the miscellaneous unit is considered to be “*tank-like*” and the requirements of IDAPA 58.01.05.008 [40 CFR § 264 Subpart J] apply as well as the requirements of IDAPA 58.01.05.008 [40 CFR § 264 Subpart X]

V.D.2. The Permittee shall install and maintain the miscellaneous unit specified in V.A.1 above in accordance with IDAPA 58.01.05.008 [40 CFR § 264 Subpart J], and as specified in Permit Attachment 1.

V.D.3. The Permittee shall keep on file at the facility a written assessment of the miscellaneous unit system integrity. The assessment shall be certified by an independent, qualified, registered professional engineer, in accordance with IDAPA 58.01.05.008 [40 CFR § 264.192(a)].

V.D.4. The Permittee shall obtain and keep on file at the facility written statements by those persons required to certify the design of the miscellaneous unit and supervise the installation of the In accordance with the applicable requirements of IDAPA 58.01.05.008 [40 CFR § 264.192(b) though (f)], that attest that the miscellaneous unit system was properly designed and installed and that repairs, pursuant to IDAPA 58.01.05.008 [40 CFR § 264.192(b) and (d)], were performed. These written statements must also include the certification statement as required in IDAPA 58.01.05.012 [40 CFR § 270.11(d)].

V.E. MISCELLANEOUS UNIT OPERATING CONDITIONS

The Permittee shall comply with all the operating requirements set forth under IDAPA 58.01.05.008 [40 CFR §§ 264.601, 264.602, and 264.603], and those requirements set forth in the Permit

V.E.1. The Permittee shall operate the miscellaneous unit identified in Permit Condition V.A.1 in compliance with IDAPA 58.01.05.008 [40 CFR § 264.601]. The Permittee shall demonstrate compliance with IDAPA 58.01.05.008 [40 CFR § 264.601(c)] using the following method:

V.E.1.a Install emission controls on the unit designed, constructed, and operated as follows:

V.E.1.b The entire unit shall be fitted with an enclosure that covers the entire opening in the top of the unit. The Permittee shall design and maintain the unit so that the roll-up door remains closed whenever the unit is processing drums containing waste solvents. The unit shall be designed with a limit switch, which prevents the operation of the unit when the roll-up door is open or when the limit switch is not functioning;

V.E.1.c The Permittee shall keep the roll-up door closed except when adding or removing waste from the unit or performing maintenance. The Permittee shall maintain the junction of the enclosure and roll-up door tightly fitted and sealed. The entire unit shall be maintained in accordance with IDAPA 58.01.05.008 [40 CFR § 264.601] to minimize the possibility of releases of hazardous waste or hazardous constituents to the air, soil or water;

V.E.1.d If the brush seal, bottom door seal, guides, sprocket, hoist, draft stop, limit switch, or any other feature of the roll-up door fails or malfunctions, the miscellaneous unit shall be taken out-of-service until the malfunction is corrected, or temporarily repaired within 24 hours of one of the described failures. The temporary repair must be sufficient to visually stop the leak or failure described above. During this time the unit will be emptied daily of liquids and sludge, so it is RCRA empty, during non-operating hours. The temporary repairs will only be used until the actual parts arrived and put in place. Should the temporary repairs not be sufficient to stop the leaks visually, the unit would be taken out-of-service and made RCRA empty within 24-hours, in order to minimize excess emissions of air pollutants.

V.E.1.e RCRA empty, with regards to the miscellaneous unit, shall mean that all liquid and sludge wastes have been removed, and no more than 0.3 percent by weight or less

than one inch of sludge and liquid residues, whichever is less, remain in the bottom of the miscellaneous unit.

V.E.2. The Permittee shall not operate the miscellaneous unit or the R&F Station if any of the bays on the north side of the R&F Station are closed.

V.E.3. The Permittee shall promptly empty the secondary containment should any product spill into it.

V.E.4. Spill and Overflow Prevention:

The Permittee shall use appropriate controls and practices to prevent spills and overflows from the miscellaneous unit, as required by IDAPA58.05.008 [40 CFR § 264.194(b)], using the procedures and equipment described in Permit Attachment 6.

V.E.5. Damage Protection:

V.E.5.a The Permittee shall not place hazardous wastes in the miscellaneous unit if they could cause the unit, its ancillary equipment, or a containment system to rupture, leak, corrode, or otherwise fail.

V.E.5.b The Permittee shall protect the miscellaneous unit system from accelerated corrosion, erosion, or abrasion.

V.F. RESPONSE TO LEAKS OR SPILLS

V.F.1. In the event of a leak or a spill from the drum washer, the wet dumpster, from a secondary containment system, or if any system becomes unfit for continued use, the Permittee shall remove the entire system from service immediately and complete the following actions:

V.F.1.a Stop the flow of hazardous waste into the system and inspect the system to determine the cause of the release;

V.F.1.b Remove waste and accumulated precipitation from the system within 24 hours of the detection of the leak, to prevent further release and to allow inspection and repair of the system. If the Permittee finds that it will be impossible to meet this time period, the Permittee shall notify the Director and demonstrate that the longer time period is required. If the collected material is a hazardous waste, it shall be managed in accordance with all applicable requirements of IDAPA 58.01.05.006–58.01.05.008 [40 CFR Parts 262-264]. The Permittee shall note that if the collected material is discharged through a point source to U.S. waters or to a Publicly Owned Treatment Works (POTW), it is subject to requirements of the Clean Water Act. If the collected material is released to the environment, it may be subject to reporting in accordance with 40 CFR Part 302 (CERCLA Reportable Quantities);

V.F.1.c The Permittee shall immediately conduct a visual inspection of all releases to the environment and based on that inspection, prevent further migration of the leak or

spill to soils or surface water; and remove and properly dispose of any visible contamination of the soil or surface water; and

V.F.1.d Close the system in accordance with the Closure Plan specified in Permit Attachment 8 unless the following actions are taken:

- For a release caused by a spill that has not damaged the integrity of the system, the Permittee shall remove the released waste and make any necessary repairs to fully restore the integrity of the system before returning the system to service.
- For a release caused by a leak from the primary unit to the secondary containment system, the Permittee shall repair the primary unit prior to returning it to service.
- For a release to the environment caused by a leak from an aboveground portion of the ancillary equipment that does not have secondary containment, the Permittee shall repair the equipment prior to returning it to service.
- If the Permittee replaces a component of miscellaneous unit to eliminate the leak, that component must satisfy the requirements for new tank systems or components in IDAPA 58.01.05.008 [40 CFR §§ 264.192 and 264.193].

V.F.2. For all major repairs to eliminate leaks or restore the integrity of the miscellaneous unit, the Permittee shall obtain a certification by a qualified Professional Engineer that the repaired system is capable of handling hazardous wastes, without release, for the intended life of the system before returning the system to service. Examples of major repairs are: installation of an internal liner, repair of a ruptured primary unit, and/or repair or replacement of a secondary containment pan.

## V.G. INSPECTION SCHEDULES AND PROCEDURES

V.G.1. Inspection Schedule:

The Permittee shall inspect the miscellaneous unit, in accordance with the inspection schedule in Table 3 and described in Permit Attachment 4, and shall comply with Permit Conditions V.G.2 and V.G.3 of this Permit as part of those inspections.

V.G.2. Overfill Inspection:

The Permittee shall inspect the overfill controls prior to each use, in accordance with the inspection schedule specified Table 3, and described in Permit Attachment 4.

V.G.3. Other Component Inspection:

The Permittee shall inspect, at a minimum, the following system components, once each operating day in accordance with the schedule in the inspection schedule specified Table 3, in accordance with IDAPA 58.01.05.008 [40 CFR § 264.196]:

- V.G.3.a Exterior and interior portions of the wet dumpster, drum washer, enclosure and roll-up door to detect deterioration, corrosion or releases of waste;
  - V.G.3.b Ancillary equipment, including pump seals, motors, piping, hose, etc. for evidence of failure
  - V.G.3.c Construction materials and the area immediately surrounding the externally accessible portion of miscellaneous unit, including the secondary containment system, piping, valves, and pumps, to detect erosion or signs of releases of hazardous waste.
- V.G.4. The Permittee shall document compliance with Permit Conditions V.G.2 and V.G.3, and place this documentation in the operating record for the facility, as required by Permit Condition III.I.
- V.G.5. The Permittee shall inspect the secondary containment systems each operating day, not to exceed 96 hours [four (4) calendar days] between inspections, in accordance with the schedule in the inspection schedule specified in Table 3, in accordance with IDAPA 58.01.05.008 [40 CFR § 264.193(c)(3)].
- V.G.6. The Permittee shall open the miscellaneous unit quarterly for visual inspection. The interior visible once the roll-up door is raised of both the drum washer and the wet dumpster shall be inspected. Prior to the inspection, the miscellaneous unit shall be emptied of sludges and residual liquids. Records of the visual inspections shall be kept in the operating record for the life of the miscellaneous unit and used in the assessment of the remaining unit life.
- V.G.7. The Permittee shall ensure that the surface coating of the miscellaneous unit, ancillary equipment, secondary containment, and piping are in good condition; that the secondary containment is kept clean of debris; that the roll-up door seals are in good condition so there is minimal release of fumes to the atmosphere; and that the screens inside the drum washer are intact.
- V.G.8. The Permittee shall construct and/or maintain all new and existing miscellaneous units in accordance with all applicable requirements of IDAPA 58.01.05.008 [40 CFR Part 264 Subpart J], and as specified in the plans and specifications contained in Permit Attachment 4.

#### V.H. RECORDKEEPING AND REPORTING

- V.H.1. The Permittee shall verbally report to the Director within 24 hours of detection, when a leak or spill occurs from the miscellaneous unit or secondary containment system to the environment, in accordance with Permit Condition I.T.
- V.H.2. Releases from the miscellaneous unit that are contained within a secondary containment system need not be reported as required in Permit Condition V.H.1. However, said release shall be recorded in the operating record, as required by Permit Condition I.T.

- V.H.3. In addition to complying with the requirements of Permit Condition I.T.3, within 30 calendar days of detecting a release to the environment from the miscellaneous unit or secondary containment system, the Permittee shall report the following to the Director:
- V.H.3.a Likely route of migration of the release;
  - V.H.3.b Characteristics of the surrounding soil (including soil composition, geology, and hydrogeology, taking into account possible climatic effects on the soil characteristics);
  - V.H.3.c Results of any monitoring or sampling conducted in connection with the release. If the Permittee finds it will be impossible to meet this time period, the Permittee shall provide the Director with a schedule of when the results will be available. This schedule must be provided before the required 30 calendar days submittal period expires;
  - V.H.3.d Proximity of downgradient drinking water, surface water, and populated areas; and
  - V.H.3.e Description of response actions taken or planned.
- V.H.4. The Permittee shall obtain, and keep on file at the facility, the written statements by those persons required to certify the design and installation of the miscellaneous unit until such time that the miscellaneous unit is certified closed in accordance with Permit Condition II.L.8.
- V.H.5. The Permittee shall keep on file at the facility, the written miscellaneous unit assessments, in accordance with IDAPA 58.01.05.008 [40 CFR § 264.192], of the miscellaneous unit's integrity and suitability for handling hazardous waste, until such time that the miscellaneous unit is certified closed in accordance with Permit Condition II.L.8.
- V.H.6. The Permittee shall maintain at the facility a record of the results of inspections conducted in accordance with Permit Conditions V.G.5, V.G.6, and V.G.8.
- V.H.7. In the event that the miscellaneous unit Drum Washer exceeds the maximum allowable capacity designated for that unit in Permit Conditions V.B.1, the Permittee shall document, in the operating record required by Permit Condition II.J.1, the following information:
- The date and time of occurrence;
  - Indicate if any other storage volume was available and identify the unit;
  - If additional storage volume was not available, indicate if the associated collection activities were automatically cutoff;
  - Indicate if the unit's high level indicator system was activated;
  - Describe the operating control procedures that failed or otherwise allowed the miscellaneous unit Wet Dumpster to exceed the maximum capacity.
- V.H.8. The Permittee shall document compliance with Permit Conditions V.H.2 and V.H.3 by placing the documentation in the operating record for the facility, as required by Permit Condition II.J.1.

V.I. CLOSURE

The Permittee shall close the miscellaneous unit in accordance with the Closure Plan, included as Permit Attachment 8 and Permit Condition II.L.

V.J. SPECIAL PROVISIONS FOR IGNITABLE OR REACTIVE WASTES

- V.J.1. The Permittee shall not place ignitable or reactive waste in the miscellaneous unit or in the secondary containment systems, unless the procedures specified in Permit Attachment 6 are followed.
- V.J.2. The Permittee shall comply with the requirements for the maintenance of protective distances between the waste management area and any public ways, streets, alleys, or an adjoining property line that can be built upon, as required in Tables 2-1 through 2-6 of the National Fire Protection Association's *"Flammable and Combustible Liquids Code"* (1977 or 1981).

V.K. SPECIAL CONDITIONS

- V.K.1. The Permittee shall immediately cease operations at the R&F Station should organic concentrations exceed the Working Conditions listed in Table 2.
- V.K.2. When the miscellaneous unit is not in operation, in addition to the requirement V.E.5, the roll-up door shall be kept closed and the entire perimeter of the door shall be tight fitting and with seals. The entire miscellaneous unit shall be maintained in a manner that minimizes the possibility of releases of hazardous waste or hazardous constituents to the air, soil or water per IDAPA 58.01.05.008 [40 CFR § 264.31].

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## MODULE VI - ORGANIC AIR EMISSIONS

### VI.A. APPLICABILITY

- VI.A.1. The Permittee is required to manage hazardous waste in accordance with the air emission standards of IDAPA 58.01.05.008 [40 CFR §§ 264 Subpart AA, BB, and CC], as applicable. Hazardous waste managed in containers, tanks, and miscellaneous units are subject to these requirements as specified in this Permit. At the time this permit was issued, no HWMU subject to IDAPA 58.01.05.008 [40 CFR § 264 Subpart AA] was permitted at this facility.
- VI.A.2. IDAPA 58.01.05.008 [40 CFR § 264 Subpart BB] establishes air emission controls for equipment leaks. IDAPA 58.01.05.008 [40 CFR § 264 Subpart BB] applies to equipment that contains or contacts hazardous wastes with organic concentrations of at least 10 percent by weight for at least 300 hours per calendar year.
- VI.A.3. IDAPA 58.01.05.008 [40 CFR § 264 Subpart CC] establishes air emission controls for containers, tanks and miscellaneous units, subject to IDAPA 58.01.05.008 [40 CFR §§ 264 Subparts I or J, or 40 CFR § 264.601]. Generally, if a hazardous waste has an average volatile organic concentration less than 500 parts per million by weight (ppmw) at the point of waste origination, the unit is exempt from the IDAPA 58.01.05.008 [40 CFR § 264 Subpart CC] regulations.
- VI.A.4. The units identified in Table 5 are subject to IDAPA 58.01.05.008 [40 CFR §§ 264 Subpart BB and/or Subpart CC] regulations:

### VI.B. SUBPART BB APPLICABILITY

- VI.B.1. The Permittee shall follow the procedures and requirements specified by IDAPA 58.01.05.008 [40 CFR Part 264 Subpart BB (40 CFR §§ 264.1050-264.1065)].
- VI.B.2. The Permittee shall determine for each piece of equipment specified by IDAPA 58.01.05.008 [40 CFR § 264.1050] whether this equipment contains or contacts a hazardous waste or hazardous waste residue that equals or exceeds 10 percent by weight organic concentration using the analytical test methods and procedures in Permit Attachment 2 (Waste Analysis Plan).
- VI.B.2.a The Permittee shall maintain records of these determinations as required by IDAPA 58.01.05.008 [40 CFR § 264.1064].
- VI.B.3. The Permittee shall modify Exhibits N-1 through N-6, as appropriate, of Permit Attachment 9, via a permit modification, to reflect the addition of equipment regulated under IDAPA 58.01.05.008 [40 CFR § 264.1050] if the waste determination required under VI.B.2 indicates that any part of IDAPA 58.01.05.008 [40 CFR §§ 264.1052-264.1060] applies to the equipment.

VI.C. TANK SYSTEM SUBPART BB

- VI.C.1. The Permittee shall comply with IDAPA 58.01.05.008 [40 CFR Part 264 Subpart BB] standards for the conservation vent required by Permit Condition VI.M.1, and for the pumps, valves, flanges and other connectors associated with this tank, as described in Permit Attachment 9 and identified in the daily inspection list and drawings contained in Exhibits N-1 through N-6 of this Permit, in accordance with IDAPA 58.01.05.008 [40 CFR §§ 264.1058, 264.1059, and 264.1063].
- VI.C.2. The Permittee shall mark each piece of equipment subject to IDAPA 58.01.05.008 [40 CFR Subpart BB] standards in a manner that it can be readily distinguished from other pieces of equipment.
- VI.C.3. Each piece of equipment listed in Permit Attachment 2, Exhibit D-2 shall be inspected as follows:
- Pumps – monthly to detect leaks by the appropriate method, and daily for indications of liquids dripping from the pump seal by visual inspection
  - Tank emergency pressure relief vent – annually to detect leaks by the appropriate method
  - Other pressure relief devices – daily to detect leaks by the appropriate method
  - Open-ended valves or lines – daily to detect leaks by the appropriate method
  - Valves – daily to detect leaks by the appropriate method
  - Flanges or other connectors – daily to detect leaks by the appropriate method
  - Other non-welded connections, unions, couplings, caps and devices – daily to detect leaks by the appropriate method
  - Tank manhole cover – annually to detect leaks by the appropriate method

VI.D. MISCELLANEOUS UNIT SUBPART BB

- VI.D.1. The Permittee shall comply with IDAPA 58.01.05.008 [40 CFR Part 264 Subpart BB] standards for pumps, valves, flanges and other connectors associated with the miscellaneous unit, as identified in the daily inspection list and drawings contained in Permit Attachment 9 and identified in the daily inspection list and drawings contained in Exhibits N-1 through N-6 of this Permit, in accordance with IDAPA 58.01.05.008 [40 CFR §§ 264.1058, 264.1059, and 264.1063].
- VI.D.2. The Permittee shall mark each piece of equipment subject to the IDAPA 58.01.05.008 [40 CFR Subpart BB] standards in a manner that it can be readily distinguished from other pieces of equipment.
- VI.D.3. Each piece of equipment shall be inspected as follows:
- Pumps – monthly to detect leaks by the appropriate method, and weekly for indications of liquids dripping from the pump seal by visual inspection
  - Open-ended valves or lines – monthly to detect leaks by the appropriate method
  - Valves – monthly to detect leaks by the appropriate method
  - Flanges or other connectors – monthly to detect leaks by the appropriate method

- VI.D.4. The Permittee shall monitor the miscellaneous unit wet dumpster, drum washer, enclosure, and roll-up door quarterly for VOC air emissions, using the detection instrument, test methods, and procedures specified in IDAPA 58.01.05.008 [40 CFR § 264.1063], while the unit is in operation, to ensure that there are no leaks. This monitoring shall continue until four consecutive quarters go by with no exceedances. Once this is achieved, the Permittee shall provide this information in a report to the Director, and cease monitoring once the Director approves the report.
- VI.D.4.a Sampling locations shall include locations in proximity to the emitting source, including locations along the brush seal, bottom door seal, guides, sprocket, hoist, and draft stop; and in proximity to exits from the building. The sampling locations are listed in Table 7.
- VI.D.4.b If a leak is detected by a reading of  $\geq 10,000$  parts per million (ppm) organics by the instrument, the miscellaneous unit shall be taken out-of-service, and repairs made in accordance with Permit Condition VI.G.
- VI.D.4.c The Permittee shall document compliance with Permit Condition VI.G and place this documentation in the operating record for the facility, as required by Permit Condition II.J.1.
- VI.D.4.d Once the miscellaneous unit has been put back into service, the unit shall be inspected monthly for leaks, until for three (3) successive months no leaks have been detected  $\geq 10,000$  ppm organics by the instrument. At that point, the unit monitoring schedule can return to quarterly.

VI.E. SUBPART BB CHANGE IN PROCESS

- VI.E.1. Except as described in IDAPA 58.01.05.008 [40 CFR § 264.1083(d)], the Permittee shall perform a waste determination as specified by Permit Condition VI.B.2 if there is a change in process that could increase the total organic content of waste contacted by the equipment or the addition of new waste management units.
- VI.E.2. The Permittee shall modify Exhibit N-1 through N-6, as appropriate, of Permit Attachment 9, via a permit modification, to add equipment regulated under IDAPA 58.01.05.008 [40 CFR § 264.1050] if a waste determination as described in Permit Conditions VI.B.2 and/or VI.E.1 indicates that any part of IDAPA 58.01.05.008 [40 CFR §§ 264.1052-264.1060] applies to the equipment, except as allowed to be excluded under Permit Condition VI.A.

VI.F. SUBPART BB STANDARDS – EQUIPMENT

These permit conditions include inspection procedures to identify leaks from pumps, valves, flanges and other equipment associated with the miscellaneous unit and tank systems and demonstrate compliance with the inspection requirements of IDAPA 58.01.05.008 [40 CFR § 264 Subpart BB]. The organic liquid in these systems meets the definition of “*in heavy liquid service*” as defined in IDAPA 58.01.05.008 [40 CFR 264.1031].

VI.F.1. Open Ended Valves or Lines

Each open ended valve or line shall be equipped with a cap, blind flange, plug, or a second valve in accordance with IDAPA 58.01.05.008 [40 CFR § 264.1056(a)(1)].

VI.F.2. Pumps and Valves in Heavy Liquid Service, and Flanges

Pumps and valves in heavy liquid service, and flanges and other connectors shall be monitored within five (5) days by the method specified in IDAPA 58.01.05.008 [40 CFR § 264.1063(b)] if evidence of a potential leak is found by any detection method pursuant to IDAPA 58.01.05.008 [40 CFR § 264.1058(a)].

VI.G. SUBPART BB LEAK DETECTION

VI.G.1. If evidence of a potential leak is found by visual, audible olfactory, or any other detection method, the equipment shall be monitored within five (5) days by the method specified in IDAPA 58.01.05.008 [40 CFR § 265.1063(b)].

VI.G.2. If an instrument reading of  $\geq 10,000$  ppm organics is measured, a leak is detected, pursuant to IDAPA 58.01.05.008 [40 CFR § 264.1058(b)].

VI.G.3. In accordance with IDAPA 58.01.05.008 [40 CFR § 264.1064(c)], when a leak is detected as specified in IDAPA 58.01.05.008 [40 CFR § 264.1058], the following requirements shall apply;

VI.G.3.a A weatherproof and readily visible identification, marked with the equipment identification number, the date evidence of a potential leak was found in accordance with IDAPA 58.01.05.008 [40 CFR § 264.1058(a)], and the date the leak was detected, shall be attached to the leaking equipment. If, prior to repair, monitoring shows the affected equipment is not leaking, the identification may be removed after two successive months of monitoring continue to show the affected equipment has ceased leaking

VI.G.3.b The identification on equipment, except on a valve, may be removed after it has been repaired, or monitoring has been completed in accordance with Permit Condition VI.G.5.

VI.G.3.c When a leak is detected, the Permittee shall repair the leak as soon as practicable, but no later than 15 calendar days after it is detected except as provided in IDAPA 58.01.05.008 [40 CFR § 264.1059], in accordance with IDAPA 58.01.05.008 [40 CFR § 264.1058(c)].

VI.G.3.d The Permittee shall first attempt to repair the leak (e.g., tightening the packing gland) no later than five (5) calendar days after each leak is detected, in accordance with IDAPA 58.01.05.008 [40 CFR § 264.1058(c)].

VI.G.3.e The Permittee shall maintain in the facility operating log, as part of the operating record, a list of areas where a leak is suspected, but the affected equipment has

not been identified. Upon identification, the affected equipment will be identified in the facility operating log until repairs have been made.

#### VI.G.4. Delay of Repair

Delay of repair of equipment for which leaks have been detected shall be permitted only in accordance with IDAPA 58.01.05.008 [40 CFR § 264.1059].

#### VI.G.5. Test Methods and Procedures

VI.G.5.a The Permittee shall comply with the test procedures requirements provided in IDAPA 58.01.05.008 [40 CFR §§ 264.1063(a), (b), (d), and (e)].

VI.G.5.b Leak detection monitoring as required in IDAPA 58.01.05.008 [40 CFR § 264.1058] shall comply with the following requirements:

- Shall comply with Reference Method 21 in 40 CFR Part 60;
- The detection instrument shall meet the performance criteria of Reference Method 21 in 40 CFR Part 60;
- The instrument shall be calibrated before use on each day of its use by the procedures specified in Reference Method 21 in 40 CFR Part 60;
- Calibration gases shall be:
  - Zero air (less than 10 ppm of hydrocarbon in air); or
  - A mixture of methane or n-hexane and air at a concentration of approximately, but less than, 10,000 ppm methane or n-hexane;
- The instrument probe shall be traversed around all potential leak interfaces as close to the interface as possible as described in Reference Method 21 in 40 CFR Part 60.

#### VI.H. SUBPART BB REPORTING REQUIREMENTS

VI.H.1. The Permittee shall submit reports no later than March 1 and September 1 each year to the Director in accordance with IDAPA 58.01.05.008 [40 CFR § 264.1065]. The reporting periods shall be defined as from January 1 to June 30, and from July 1 to December 31 of each year, as applicable, and shall contain the following information;

- The EPA identification number, name, and address of the facility;
- Equipment identification numbers and months for unrepaired leaks
- Dates of hazardous waste management unit shutdowns that occurred within the semi-annual reporting period.

VI.H.2. If, during the reporting period, the Permittee repairs leaks from valves, pumps, and connectors as required in IDAPA 58.01.05.008 [40 CFR § 264.1058(c)], and the control device does not exceed or operate outside of the design specifications as defined in IDAPA 58.01.05.008 [40 CFR § 264.1064(e)] for more than 24 hours, a report to the Director in accordance with Permit Condition VI.H.1 is not required, in accordance with IDAPA 58.01.05.008 [40 CFR § 264.1065(b)].

VI.H.3. In the event of a hazardous waste release due to a leak from a primary tank system or primary miscellaneous unit (e.g., wet dumpster or drum washer) into the secondary containment system, the Permittee shall repair the primary system prior to returning the entire system to service, and complete all hazardous waste release reporting and recertification requirements prior to restart of the affected system and portion of the building, in accordance with IDAPA 58.01.05.008 [40 CFR § 264.196(f)].

VI.I. SUBPART BB EQUIPMENT RECORDKEEPING

VI.I.1. The Permittee shall record and maintain in the operating record the inspection of equipment, detection of leaks, and repair of equipment.

VI.I.2. Subpart BB Equipment

The Permittee shall record the following information in the facility operating record for each piece of equipment to which IDAPA 58.01.05.008 [40 CFR § 264 Subpart BB] applies, as required by IDAPA 58.01.05.008 [40 CFR § 264.1064(b)(1)];

- Equipment identification number and hazardous waste management unit identification;
- Approximate locations within the facility (e.g., identify the hazardous waste management unit on a facility plot plan);
- Type of equipment (e.g., a pump or valve);
- Percent of total organics by weight of the hazardous waste stream at the equipment;
- Physical state (e.g., gas/vapor, or liquid) of hazardous waste at the equipment;
- Method of compliance with the standard.

VI.I.3. The Permittee shall record and maintain in the operating record a list of exempted equipment and supporting waste analysis as required by IDAPA 58.01.05.008 [40 CFR § 264.1064(k)] and the Waste Analysis Plan (Permit Attachment 2).

VI.I.4. Inspection Log Entries for Leak Detection:

When any leak is detected according to IDAPA 58.01.05.008 [40 CFR § 264.1058], the following information shall be recorded on the Exhibit N-4, Leak Detection and Repair Log, and shall be kept in the facility operating record pursuant to IDAPA 58.01.05.008 [40 CFR §§ 264.1064(d) and 264.1064(g)];

- The instrument and operator identification numbers, and the equipment identification numbers (except welded fittings);
- The date of evidence of a potential leak was found in accordance with IDAPA 58.01.05.008 [40 CFR § 264.1058(a)];
- The date the leak was detected and the dates of each attempt to repair the leak;
- Repair methods applied in each attempt to repair the leak;
- “Above 10,000 ppm” if the maximum instrument reading measured by the methods specified in IDAPA 58.01.05.008 [40 CFR § 264.1063 (b)] after each repair attempt is  $\geq 10,000$  ppm organics;

- “*Repair Delayed*” and the reason for the delay if a leak is not repaired within 15 calendar days after discovery of the leak;
- Documentation supporting the delay of repair in compliance with IDAPA 58.01.05.008 [40 CFR § 264.1059(c)];
- The signature of the Permittee, or designee, whose decision it was that repair could not be effected without a hazardous waste management unit shutdown;
- The expected date of successful repair of the leak if a leak is not repaired within 15 calendar days; and
- The date of successful repair of the leak.

VI.I.5. The Permittee shall keep records of equipment leak information required to be kept by IDAPA 58.01.05.008 [40 CFR § 264.1064(d)] for a minimum of three (3) years, pursuant to IDAPA 58.01.05.008 [40 CFR § 264.1064(l)].

#### VI.J. SUBPART CC APPLICABILITY

VI.J.1. The Permittee shall comply with the IDAPA 58.01.05.008 [40 CFR § 264 Subpart CC (40 CFR §§ 264.1080-264.1090)] air emissions requirements for storage of hazardous waste in tanks, miscellaneous units, and containers at the facility.

VI.J.2. The Permittee shall control air emissions from each HWMU identified in Table 5, Table 6, and Permit Attachment 9, for which required control equipment has been installed and is operational.

#### VI.K. SUBPART CC GENERAL STANDARDS

The Permittee shall comply with the applicable requirements of IDAPA 58.01.05.008 [40 CFR Part 264, Subpart CC].

#### VI.L. SUBPART CC STANDARDS FOR CONTAINERS IN TABLE 6

VI.L.1. Containers using Container Level 1 standards shall be equipped with covers and closure devices, as applicable to the container, that are composed of suitable materials to minimize exposure of the hazardous waste to the atmosphere and to maintain equipment integrity, for as long as the container is in service and as required by IDAPA 58.01.05.008 [40 CFR § 264.1086(c)(2)];

VI.L.2. The Permittee shall not store open containers unless all requirements of IDAPA 58.01.05.008 [CFR § 264.1086(c)(1)(iii)] are met;

VI.L.3. Whenever a hazardous waste is in a container using Container Level 1 controls, the Permittee shall install all covers and closure devices on the container and maintain each closure device in the closed positions except as allowed in accordance with IDAPA 58.01.05.008 [40 CFR §§ 264.1086(c)(3)(i)-(v)].

#### VI.L.4. Inspection of Level 1 Containers

The Permittee shall visually inspect all Level 1 containers for defects at the time the Permittee accepts the container at the facility, or when the Permittee accepts a

container with hazardous wastes already in the container and the container is not emptied within 24 hours after the container is accepted at the facility, in accordance with IDAPA 58.01.05.008 [40 CFR § 264.1086(c)(4)(i)].

- VI.L.4.a If a container remains at the facility for one (1) calendar year or more, it shall be visually inspected for defects at least once every 12 months in addition to the weekly container inspection schedule presented in Table 3 and Permit Attachment 4, pursuant to IDAPA 58.01.05.008 [40 CFR § 264.1086(c)(4)(ii)];
- VI.L.4.b When a defect is detected for the container, cover, or closure device(s), the Permittee shall make efforts to repair the defect within 24 hours of detection and repair shall be completed within five (5) calendar days after detection. If the defect cannot be repaired, the hazardous waste shall be removed from the container and the container shall not be used to manage hazardous waste until the defect is repaired in accordance with IDAPA 58.01.05.008 [40 CFR § 264.1086(c)(4)(iii)];

VI.M. SUBPART CC STANDARDS FOR TANKS IN TABLE 6

- VI.M.1. The Permittee shall comply with the Subpart CC Tank Level 1 controls for the tank listed in Table 6. This will include a pressure/vacuum vent in accordance with IDAPA 58.01.05.008 [40 CFR § 264.1084(c)(3)(ii)] and the Subpart CC compliance plan contained in Permit Attachment 9.
  - VI.M.1.a Whenever hazardous waste is in the tank, a fixed roof shall be installed with each closure device secured in the closed position except to provide access during routine inspections, maintenance, or other activities needed for normal operations, and to remove accumulated sludge or other residues from the bottom of the tank pursuant to IDAPA 58.01.05.008 [40 CFR § 264.1084(c)(3)(i)];
  - VI.M.2. Opening of a pressure/vacuum vent is allowed during normal operations in order to maintain the tank pressure in accordance with the tank design specifications, and shall be designed to operate with no detectable organic emissions when the vent is in the closed position in accordance with IDAPA 58.01.05.008 [40 CFR § 264.1084(c)(3)(ii)];
  - VI.M.3. The procedure for determining no detectable organic air emissions shall be conducted in accordance with the procedures specified in IDAPA 58.01.05.008 [40 CFR § 264.1083(d)].
  - VI.M.4. Determination of Maximum Organic Vapor Pressure  
  
The Permittee shall determine the maximum organic vapor pressure for each hazardous waste placed in the tank in accordance with procedures specified in IDAPA 58.01.05.008 [40 CFR § 265.1084(c)(2)-(4)] pursuant to IDAPA 58.01.05.008 [40 CFR § 264.1083(c)(2)]; and as described in Permit Attachment 3, Waste Analysis Plan, as required by IDAPA 58.01.05.008 [40 CFR § 264.1083(c)(1)].

VI.M.5. Subpart CC Tank Inspections

The Permittee shall conduct Subpart CC inspections on the tank accordance with Permit Attachment 9, Permit Exhibit O-1, Subpart CC Visual Inspection Checklist, and the following requirements:

- VI.M.5.a In accordance with IDAPA 58.01.05.008 [40 CFR § 264.1084(c)(4)], the Permittee shall inspect the fixed roof and its closure devices at least once per year for defects that could result in air pollutant emissions;
- VI.M.5.b This inspection record shall contain the date of inspection, and if a defect is detected, the location of the defect, description of the defect, the date of detection, and any corrective action taken to repair the defect as required by IDAPA 58.01.05.008 [40 CFR § 264.1089(b)(1)];
- VI.M.5.c The Permittee shall maintain a record of all tank inspections conducted pursuant to IDAPA 58.01.05.008 [40 CFR § 1084(c)(4)(iv)], and as specified Permit Attachment 9, in accordance with IDAPA 58.01.05.008 [40 CFR § 264.1089(b)];

VI.N. SUBPART CC STANDARDS FOR MISCELLANEOUS UNIT IN TABLE 6

The miscellaneous unit had been determined to be “*container-like*” for the purpose of compliance with the Subpart CC standards, and the Permittee shall comply with IDAPA 58.01.05.008 [40 CFR § 264 Subpart CC] standards.

- VI.N.1. The Permittee shall comply with the Subpart CC Container Level 1 standards, as defined by IDAPA 58.01.05.008 [40 CFR § 264.1086 (d)] for the miscellaneous unit listed in Table 6 in accordance with the Subpart CC Compliance Plan contained in Permit Attachment 9.
  - VI.N.1.a The roll-up door of the miscellaneous unit shall be open only when adding hazardous waste or removing hazardous waste, and remain closed whenever the miscellaneous unit is left unattended, in accordance with IDAPA 58.01.05.008 [40 CFR § 264.1086(c)(3)(i)-(iii)].
- VI.N.2. The miscellaneous unit in Table 6 shall be equipped with covers and closure devices, as applicable to the unit, that are composed of suitable materials to minimize exposure of the hazardous waste to the atmosphere and to maintain equipment integrity, for as long as the unit is in service and as required by IDAPA 58.01.05.008 [40 CFR § 264.1086(c)(2)];
- VI.N.3. Whenever a hazardous waste is in the miscellaneous unit, the Permittee shall install all covers and closure devices for the unit and maintain each closure device in the closed positions except as allowed in accordance with IDAPA 58.01.05.008 [40 CFR §§ 264.1086(c)(3)(i)-(v)].
- VI.N.4. Inspection of the Miscellaneous Unit

The Permittee shall visually inspect the miscellaneous unit for defects in accordance

with Table 3, Table 7, and Permit Attachment 9, pursuant to IDAPA 58.01.05.008 [40 CFR § 264.1086(c)(4)(i)].

VI.N.5. The Permittee shall document compliance with Permit Condition VI.N.4 using the inspection form in Exhibit O-1, and place this documentation in the operating record for the facility, as required by Permit Condition II.J.1.

VI.O. REPAIR OF SUBPART CC MISCELLANEOUS UNITS

VI.O.1. When a defect is detected for the miscellaneous unit (e.g., wet dumpster, drum washer, enclosure, roll-up door, ancillary equipment, etc.), the Permittee shall make first efforts to repair the defect within 24 hours of detection and repair shall be completed as soon as possible but no later than five (5) calendar days after detection. If the defect cannot be repaired within five (5) calendar days after detection, any hazardous waste shall be removed from the miscellaneous unit and the miscellaneous unit shall not be used to manage hazardous waste until the defect is repaired in accordance with IDAPA 58.01.05.008 [40 CFR § 264.1086(c)(4)(iii)];

VI.P. REPAIR OF SUBPART CC LEVEL 1 CONTAINERS

VI.P.1. The Permittee shall visually inspect all Level 1 containers in accordance with Permit Condition VI.L.4 above as required by IDAPA 58.01.05.008 [40 CFR § 264.1086(c)(4)(i)-(iii)].

VI.P.2. If a defect is detected in a container using Level 1 standards in accordance with Permit Condition 7.3.1, the Permittee shall repair the defect as required by IDAPA 58.01.05.008 [40 CFR § 264.1086(c)(4)(iii)].

VI.Q. REPAIR OF SUBPART CC LEVEL 1 TANKS

VI.Q.1. If a defect is detected, the Permittee shall repair the defect in accordance with IDAPA 58.01.05.008 [40 CFR § 1084(k)], as required by IDAPA 58.01.05.008 [40 CFR § 264.1084(c)(4)(iii)];

VI.Q.2. The Permittee shall make first efforts to repair the defect no later than five (5) calendar days after detection and repair shall be completed as soon as possible but no later than 45 calendar days after detection pursuant to IDAPA 58.01.05.008 [40 CFR § 264.1084(k)(1)];

VI.Q.3. The repair of a defect may be delayed beyond 45 calendar days if the Permittee determines that repair of the defect requires emptying or temporary removal from service and no alternative tank capacity is available in accordance with IDAPA 58.01.05.008 [40 CFR 264.1084(k)(2)].

VI.R. SUBPART CC REPORTING REQUIREMENTS

VI.R.1. For each container, exempted from using air emission controls, a written report shall be submitted to the Director within 15 calendar days of each occasion where hazardous waste is placed in the HWMU in noncompliance with the conditions of

IDAPA 58.01.05.008 [40 CFR § 264.1082(c)(1) or (c)(2)], as applicable. The written report shall contain the Facilities' EPA identification number, facility name and address, a description of the noncompliance event and the cause, the dates of the noncompliance, and the actions taken to correct the noncompliance and prevent reoccurrence of the noncompliance.

- VI.R.2. For each tank using air emission controls in accordance with IDAPA 58.01.05.008 [40 CFR 264.1084(c)], the Permittee shall report to the Director each occurrence when hazardous waste is managed in the tank in noncompliance with the conditions specified in IDAPA 58.01.05.008 [40 CFR 264.1084(b)]. The Permittee shall submit a written report within 15 calendar days of the time the Permittee becomes aware of the occurrence. The written report shall contain the Facilities' EPA identification number, facility name and address, a description of the noncompliance event and the cause, the dates of the noncompliance, and the actions taken to correct the noncompliance and prevent reoccurrence of the noncompliance as required by IDAPA 58.01.05.008 [40 CFR § 264.1090(b)].
- VI.R.3. For each miscellaneous unit using air emission controls in accordance with IDAPA 58.01.05.008 [40 CFR § 264.1086(c)(ii)], the Permittee shall report to the Director each occurrence when hazardous waste is managed in the miscellaneous unit in noncompliance with the conditions specified in this Permit or in IDAPA 58.01.05.008 [40 CFR § 264.1086]. The Permittee shall submit a written report within 15 calendar days of the time the Permittee becomes aware of the occurrence. The written report shall contain the Facilities' EPA identification number, facility name and address, a description of the noncompliance event and the cause, the dates of the noncompliance, and the actions taken to correct the noncompliance and prevent reoccurrence of the noncompliance.
- VI.R.4. All reports shall be signed and dated by an authorized representative of the Permittee as required by IDAPA 58.01.05.008 [40 CFR § 270.11(b)].
- VI.S. SUBPART CC INSPECTION AND MONITORING REQUIREMENTS
- VI.S.1. The Permittee shall inspect and monitor air emission control equipment used to comply with Subpart CC in accordance with applicable requirements specified in IDAPA 58.01.05.008 [40 CFR §§ 264.1084-264.1087] pursuant to IDAPA 58.01.05.008 [40 CFR § 264.1088(a)].
- VI.S.2. The Permittee shall develop and implement a written plan and schedule to perform the inspections and monitoring specified in this Permit Module, and shall incorporate this plan and schedule into the facility inspection plan required under IDAPA 58.01.05.008 [40 CFR § 264.15], contained in Permit Attachment 5, Inspection Plan and Schedule, in accordance with IDAPA 58.01.05.008 [40 CFR § 264.1088(b)].
- VI.T. SUBPART CC RECORDKEEPING REQUIREMENTS
- VI.T.1. The Permittee shall record and maintain the information specified in IDAPA 58.01.05.008 [40 CFR § 264.1089(b)-(j)], as applicable to the facility.

VI.T.2. Except for air emission control equipment design documentation required by IDAPA 58.01.05.008 [incorporating 40 CFR § 264.1089(i) and (j)], records required by 40 CFR § 264.1089 shall be maintained in the operating record for a minimum of three (3) years.

VI.U. SUBPART CC NOTIFICATION OF NEW UNITS

Prior to installing container or miscellaneous units subject to IDAPA 58.01.05.008 [40 CFR Part 264, Subpart CC], or modifying an existing process, waste handling, or container units such that the unit(s) will become subject to IDAPA 58.01.05.008 [40 CFR Part 264 Subpart CC], the Permittee shall apply for a permit modification under IDAPA 58.01.05.008 [40 CFR § 270.42], and provide specific Part B application information required under IDAPA 58.01.05.012 [40 CFR §§ 270.14-270.17, and 270.27], as applicable, with the modification request.

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## MODULE VII - CORRECTIVE ACTION

### VII.A. RCRA FACILITY ASSESSMENT AND INVESTIGATION

Prior to Safety-Kleen's purchase of the Boise facility property, the Idaho Department of Health and Welfare (IDHW) completed an initial RCRA facility assessment of the former Magic Trucking site on April 25, 1989. IDHW identified areas of ground surface contamination. IDHW found stained soil that was determined to have petroleum hydrocarbons (characterized as diesel fuel). One sample contained a low concentration of tetrachloroethylene [(0.35 parts per billion (ppb))]. Because the tetrachloroethylene was thought to have been used as a solvent, the contaminants were designated by IDHW as hazardous waste constituents

Safety-Kleen hired a third-party remediation firm to further assess the site. This assessment identified five (5) stained areas, the majority of which were found east of a clarifier in the pad on the east side of the warehouse. Beginning on July 24, 1990, all areas were remediated and the clarifier removed. Safety-Kleen received the reports on the completed remediation in September 1990. This report was provided to IDHW on October 29, 1990.

Safety-Kleen received a letter from IDHW on December 19, 1990, in which the IDHW concurred with Safety-Kleen's conclusion that the site was successfully remediated

### VII.B. APPLICABILITY

VII.B.1. Sections 3004 (u) and 3004 (v) of RCRA [42 U.S.C. § 6924 (u) and (v)]; HWMA [Idaho Code § 39-4409 (5)]; and IDAPA 58.01.05.008 [40 CFR § 264.101] require corrective action, as necessary, to protect human health and the environment for all releases of hazardous waste or hazardous waste constituents from any SWMU at the facility and for all permits issued after November 8, 1984. The objective of the corrective action program at a hazardous waste management facility is to evaluate the nature and extent of releases of hazardous waste and/or constituents, and if necessary, implement corrective measures to protect human health and the environment. The Permittee shall follow applicable guidance, including but not limited to the *RCRA Corrective Action Plan*, EPA 520-R-94-004 (OSWER 9902.3-2A), dated May 1994 (most recent version). Figure 2 provides an overview of the RCRA corrective action process.

VII.B.2. The Permit Conditions of this Module apply to:

VII.B.2.a. SWMUs and AOCs Identified by the RFA:

The solid waste management units (SWMUs) and areas of concern (AOCs) identified by the initial RCRA Facility Assessment, any subsequent investigations, or other means, which are not documented in either Table 8, Table 9, or Table 10, as listed in Permit Appendix B – Solid Waste Management Unit and Area of Concern Summary, as having undergone corrective action:

VII.B.2.b. Additional SWMUs or AOCs

Any additional SWMUs or AOCs discovered during the course of groundwater monitoring, field investigations, environmental audits, or other means. As used in this part of the Permit, the terms “discover,” “discovery,” or “discovered” refer to the date on which the Permittee or a Department representative either, (1) visually observes evidence of a new SWMU or AOC, (2) visually observes evidence of a previously unidentified release of hazardous constituents to the environment, or (3) receives information which suggests the presence of a new release of hazardous waste or hazardous constituents to the environment.

VII.B.2.c. Contamination Beyond Facility Boundary

The Permittee shall implement corrective actions beyond the facility boundary where necessary to protect human health and the environment, unless the Permittee demonstrates to the satisfaction of the Department that, despite the Permittee’s best efforts, as determined by the Department, the Permittee was unable to obtain the necessary permission to undertake such actions. The Permittee is not relieved of all responsibility to clean up a release that has migrated beyond the facility boundary where off site access is denied. On-site measures to address such releases will be determined on a case-by-case basis. Assurances of financial responsibility for completion of such off-site corrective action will be required.

VII.B.3. The Permittee shall conduct a corrective action investigation, in accordance with Permit Conditions VII.C through VII.I, for each newly identified SWMU or AOC.

VII.B.3.a. Within 120 calendar days after the discovery of existing and/or new SWMUs or AOCs, the requirements of Module VII shall become applicable to those units.

VII.C. STANDARD CONDITIONS

VII.C.1. The Permittee shall take corrective action as necessary to protect human health and the environment for those units listed in Table 8 and Table 9 of this Permit.

VII.C.1.a. Table 8. SWMUs and AOCs at Safety-Kleen Boise under Investigation for Releases. These sites require an initial site assessment to determine if further action, if any, is required.

VII.C.1.b. Table 9. SWMUs and AOCs at Safety-Kleen Boise with Known Releases.

VII.C.1.c. Table 10. SWMUs and AOCs Requiring No Further Action at this Time [Unrestricted Use/Unlimited Exposure (UU/UE)]

VII.C.2. Failure to submit the information required by the permit conditions within Module VII of this Permit, or falsification of any submitted information, is grounds for termination of this Permit in accordance with IDAPA 58.01.05.012 [40 CFR § 270.43], and for an enforcement action pursuant to Permit Condition I.B.

- VII.C.3. All plans, reports, notifications, and other submissions to the Director, as required by the permit conditions within Module VII of this Permit, shall be signed and certified in accordance with Permit Condition I.W.
- VII.C.4. The Permittee shall submit a minimum of two (2) hard copies of each plan (plus an electronic copy of the plan), report, notification, or other submissions, required by the permit conditions within Module VII of this Permit, to the Director by certified mail, express mail, or hand delivered to the following addresses:
- |   |   |
|---|---|
| Please submit two (2) hard copies, and an electronic copy to:   | Please submit one (1) electronic copy to:   |
| Director, Idaho Department of Environmental Quality<br>Care of the Hazardous Waste Program Manager<br>Waste Management & Remediation Division<br>1410 North Hilton<br>Boise, Idaho 83706-1255 | Chief, RCRA Permits Section WCM-127<br>U.S. Environmental Protection Agency<br>1200 Sixth Avenue<br>Seattle, Washington 98101<br><br>(Obtain the name of the current point-of-contact and email address from DEQ) |
- VII.C.5. All plans and schedules, as required by the permit conditions in Module VII, upon written approval from the Director, shall be incorporated into Module VII of this Permit in accordance with Permit Condition VII.I. Any noncompliance with such approved plans and schedules shall be deemed noncompliance with this Permit.
- VII.C.6. The Permittee shall only receive an extension of a specified compliance schedule due date for a submittal, required by the permit conditions within Module VII of this Permit, upon written approval from the Director, in accordance with Permit Condition VII.I.
- VII.C.7. If the Director determines that further actions beyond those provided by the permit conditions within Module VII of this Permit, or changes to permit conditions stated herein, are warranted, the Director shall modify Module VII in accordance with Permit Condition VII.I.
- VII.C.8. All raw data, such as laboratory reports, drilling logs, bench-scale or pilot-scale data, and other supporting information gathered or generated during activities undertaken pursuant to Module VII shall be maintained at the facility during the effective term of this Permit.
- VII.C.9. The Permittee shall submit updated Table 8, Table 9, and Table 10 to the Director, as required by Permit Condition VII.D (for newly-identified SWMUs or AOCs), in accordance with IDAPA 58.01.05.012 [40 CFR § 270.42, Appendix I, A.1] (Class 1 requiring prior approval).
- VII.C.10. A narrative shall accompany the updated Tables, which explains the revisions, i.e.:
- VII.C.10.a. Any newly identified SWMUs, which initially adds the SWMU/AOC to Table 8.

VII.C.10.b. Additional “No Further Action Determinations” for SWMUs/AOCs previously identified in Table 9, which shifts an SWMU from Table 9 to Table 10.

VII.C.10.c. Confirmation of releases of hazardous constituents which shifts a SWMU/AOC from Table 8 to Table 9

VII.D. REQUIREMENTS FOR INITIAL NOTIFICATION AND ASSESSMENT OF NEWLY-IDENTIFIED OR NEWLY-CREATED SWMUs OR AOCs

VII.D.1. New SWMU or AOC Notification

Upon the Permittee discovering any SWMU or AOC not previously identified in Table 8, Table 9, or Table 10 of the Permit, the Permittee shall notify the Director within 15 calendar days of discovering the SWMU(s). The notification shall be in writing, and submitted to the Director by certified mail, express mail, or hand delivery. The notification shall include the location of the new SWMU(s) or AOC(s) and all available information on the suspected or known wastes at the site as required by IDAPA 58.01.05.012 [40 CFR § 270.14(d)].

VII.D.2. In addition, the notification shall include updates to Table 8, Table 9, and Table 10, as necessary, in accordance with VII.C.9.

VII.D.3. After such notification, the Department may request, in writing, that the Permittee prepare a SWMU Assessment Plan and a proposed schedule of implementation and completion of the Plan for the new SWMU(s)/AOC(s).

VII.D.4. The Permittee shall notify the Director, in writing, and by certified mail, express mail, or hand delivery, of any release(s) of hazardous waste and hazardous waste constituent(s) discovered during the course of groundwater monitoring, field investigation, environmental auditing, or other activities undertaken during the RCRA Facility Investigation (RFI) and Permit Condition VII.E. The written notification shall be received by the Director no later than 15 calendar days after discovery. Such releases may be from already documented or newly-identified units. The Director may require further investigation of the new releases. Further investigation, if required, shall be performed in accordance with the requirements of Permit Condition VII.E.

VII.D.5. SWMU Assessment Plan

Within 90 calendar days after receipt of the Department’s request for a SWMU Assessment Plan, the Permittee shall submit the SWMU Assessment Plan to the Director by certified mail, express mail, or hand delivery, and in accordance with Permit Conditions I.W and I.Y.

VII.D.6. The SWMU Assessment Plan shall include the information or the means by which the following information will be obtained:

VII.D.6.a. Information concerning past and present operations at the unit(s); and

- VII.D.6.b. Any groundwater, surface water, soil (surface or subsurface strata), or air sampling and analysis data needed to determine whether a release of hazardous waste and/or hazardous waste constituent(s) from such unit(s) has occurred, are occurring, or are likely to occur. The SWMU Assessment Plan shall demonstrate that the sampling and analysis program, if applicable, is capable of yielding representative samples, and must include parameters sufficient to identify migration of hazardous waste and/or hazardous waste constituent(s) from the newly discovered SWMUs to the environment.
- VII.D.7. The SWMU Assessment Plan shall define the site-specific methods and procedures to be followed during the site assessment, including pre-mobilization activities, sampling rationale, sample collection, sample handling and preservation, sample analysis, quality assurance/quality control (QA/QC) requirements for sampling, site restoration, and reporting.
- VII.D.8. After the permittee submits the SWMU Assessment Plan, the Director shall:
- VII.D.8.a. Approve the plan in writing, or
- VII.D.8.b. Notify the Permittee in writing of the SWMU Assessment Plan deficiencies and specify a due date for submittal of a revised SWMU Assessment Plan, or
- VII.D.8.c. Review the SWMU Assessment Plan and notify the Permittee of the revisions. The Director-revised SWMU Assessment Plan becomes the approved SWMU Assessment Plan.
- VII.D.9. The SWMU Assessment Plan, as approved by the Director, as specified in Permit Condition VII.D.8 of this Permit, shall be incorporated within Module VII of this Permit in accordance with Permit Condition VII.I of this Permit. The Permittee shall be notified in writing of the approval of the permit modification.
- VII.D.10. The Permittee shall commence implementation of the approved SWMU Assessment Plan within 30 calendar days after receipt of written notice of the plan approval specified in Permit Condition VII.D.9 of this Permit.
- VII.D.11. The SWMU Assessment Plan shall contain a schedule, which includes the submission date for a SWMU Assessment Report, not to exceed 30 calendar days after the completion of the requirements identified in the approved SWMU Assessment Plan referenced in Permit Condition VII.D.10 of this Permit.
- VII.D.12. SWMU Assessment Report:
- The SWMU Assessment Report shall describe all results obtained from the implementation of the approved SWMU Assessment Plan. At a minimum, and as required by IDAPA 58.01.05.012 [40 CFR § 270.14(d)], the SWMU Assessment Report shall provide the following information for each newly-identified SWMU:

- VII.D.12.a. The location of each newly-identified SWMU(s) in relation to any/all previously identified SWMUs, building numbers, or other descriptive landmarks; identified on a topographic map
- VII.D.12.b. The type and function of the unit, including general dimensions and a structural description (supply any available drawings and photographs);
- VII.D.12.c. The period during which the unit was operated; and
- VII.D.12.d. All wastes that were or are being managed at the SWMU, to the extent available, including results of any sampling and analysis used to determine whether releases of hazardous wastes and/or hazardous constituent(s) have occurred, are occurring, or are likely to occur from the unit.

VII.D.13. RCRA Facility Investigation (RFI) Work Plan:

Based on the results of the SWMU Assessment Report, the Director shall determine the need for further investigations at specific unit(s) included in the SWMU Assessment. If the Director determines that such investigations are needed, the Director may require the Permittee to prepare a RCRA Facility Investigation (RFI) Work Plan, including a schedule, for such investigations, in accordance with the requirements of Permit Condition VII.E. The Director shall review the plan and either approve it or notify the Permittee of its deficiencies.

VII.E. RCRA FACILITY INVESTIGATION (RFI)

- VII.E.1. The Permittee shall conduct an RFI, as deemed necessary by the Director, to determine the nature and extent of known and suspected releases of hazardous wastes and/or hazardous waste constituent(s) from each SWMU at the facility, identified in accordance with Permit Condition VII.D of this Permit, and to gather data to support a Corrective Measures Study (CMS). The Permittee shall conduct the RFI in accordance with an approved RFI Work Plan, completed in accordance with current guidance documents from EPA (e.g., *RCRA Corrective Action Interim Measures Guidance – Interim Final, RCRA Facility Investigation Guidance, Volumes I through IV* or equivalent).
- VII.E.2. The RFI Compliance Schedules, specified in Table 11 of this Permit, may be modified in accordance with Permit Condition VII.I of this Permit.
- VII.E.3. Based on the results of the RFI Report, the Director shall determine the need for further investigations at specific unit(s) included in the RFI. If the Director determines that such investigations are needed, the Director may require the Permittee to prepare a RCRA Corrective Measures Study (CMS) Work Plan, including a schedule, for such investigations, in accordance with the requirements of Permit Condition VII.G. The Director shall review the plan and either approve it or notify the Permittee of its deficiencies.
- VII.E.4. The CMS Work Plan shall be incorporated into this Permit in accordance with Permit Condition VII.I.

VII.F. INTERIM MEASURES

- VII.F.1. If during the course of any activity initiated in compliance with the permit conditions of Module VII of this Permit, the Director determines that a release or potential release of hazardous waste and/or constituent(s) from a SWMU poses a threat to human health and/or the environment, the Director may require the Permittee to perform specific interim measures.
- VII.F.2. The Director shall notify the Permittee in writing of the requirement to perform the interim measures specified in the Interim Measures Plan, in accordance with Permit Condition VII.F.3. The Permittee shall comply with the specified Interim Measures Plan alternative (Permit Condition VII.F.3.a or VII.F.3.b designated in the written notification).
- VII.F.3. The Permittee shall perform the requirements of the Interim Measures Plan in accordance with the alternative specified in either Permit Condition VII.F.3.a or VII.F.3.b.
- VII.F.3.a. The Director shall determine specific actions to implement the interim measures. The Director shall provide an Interim Measures Plan with the written notification specified in Permit Condition VII.F.2, or;
- VII.F.3.b. Within 30 calendar days after receipt of written notification requiring the Interim Measures Plan as specified in Permit Condition VII.F.2, the Permittee shall provide, by certified mail, express mail, or hand delivery, the Interim Measures Plan to the Director for approval.
- VII.F.4. The Interim Measures Plan shall identify specific action(s) to be taken to implement the interim measures and a schedule for implementing the required measures. At a minimum, the Interim Measures Plan shall consider, but not be limited to, the following factors:
- Time required to develop and implement a final remedy;
  - Actual and potential exposure of human and environmental receptors;
  - Actual and potential contamination of drinking water supplies and sensitive ecosystems;
  - The potential for further degradation of the medium absent of interim measures;
  - Presence of hazardous waste that may pose a threat of release;
  - Presence and concentration of hazardous waste including hazardous waste constituent(s) in solids that have the potential to migrate to groundwater or surface water;
  - Weather conditions that may affect the current levels of contamination;
  - Risks of fire, explosion, or accident; and
  - Other situations that may pose threats to human health and/or the environment.
- VII.F.5. The Interim Measures Plan shall be incorporated into this Permit in accordance with Permit Condition VII.I.

VII.G. CORRECTIVE MEASURES STUDY (CMS) AND CORRECTIVE MEASURES IMPLEMENTATION (CMI)

- VII.G.1. Based on the results of the RFI, the Permittee shall identify, screen, and develop the alternative or alternatives for removal, containment, treatment and/or other remediation of the contamination. The Permittee shall conduct a Corrective Measures Study (CMS) in accordance with an approved CMS Work Plan specified in Table 12. Corrective Measures Study (CMS) and Corrective Measures Implementation (CMI) Compliance Schedule, of this Permit, completed in accordance with current guidance documents from EPA (*RCRA Corrective Action Interim Measures Guidance – Interim Final, RCRA Facility Investigation Guidance, Volumes I through IV*, or equivalent).
- VII.G.2. Based on the results of the CMS Report, the Director shall select a remedy and the final media cleanup standards for corrective measures and document this in a permit modification.
- VII.G.3. Upon determination of remedy, the Permittee shall develop a Corrective Measures Implementation (CMI) Program Plan, including a schedule, to design construct, operate, maintain and monitor the performance of the selected corrective measure or measures. The Director shall review the plan and either approve it or notify the Permittee of its deficiencies.
- VII.G.4. The CMI Work Plan shall be incorporated into this Permit in accordance with Permit Condition VII.I.
- VII.G.5. The Permittee shall submit all plans and reports required in the CMI Work Plan (e.g., Conceptual Design, Operations and Maintenance Plan, Intermediate Plans and specifications, Final Plans and Specifications, Quality Assurance Program Plan, Construction Work Plan, Construction Completion Report, Corrective Measure Completion Report, Progress Reports) in accordance with the schedule in the CMI Work Plan and Table 12 of this Permit.

VII.H. REPORTING REQUIREMENTS

- VII.H.1. The Permittee shall submit to the Director signed quarterly progress reports of all activities (i.e., SWMU Assessments, Interim Measures, RFIs, and/or CMSs) conducted pursuant to the permit conditions of Module VII of this Permit. The Permittee shall initially submit the quarterly progress reports no later than 90 calendar days after being notified in writing that the approved SWMU Assessment Plan has been incorporated within Module VII of this Permit, through a permit modification in accordance with Permit Condition VII.I.
- VII.H.2. At a minimum, the quarterly progress reports shall contain the following:
- VII.H.2.a. A description of the work completed;
  - VII.H.2.b. Summaries of all findings and summaries of all raw data;
  - VII.H.2.c. Summaries of all problems or potential problems encountered during the reporting period and actions taken or to be taken to rectify problems; and
  - VII.H.2.d. Projected work for the next reporting period.

- VII.H.3. The Permittee shall maintain copies of other reports, drilling logs, etc. at the facility during the effective period of this Permit. The Permittee shall provide copies of the said reports, logs, etc. to the Director upon request.
- VII.H.4. As specified under Permit Condition VII.C.7, the Director may require the Permittee to conduct new or more extensive assessments, investigations, or studies, as needed, based on information provided in these progress reports or other supporting information.
- VII.I. MODIFICATION OF THE CORRECTIVE ACTION SCHEDULE OF COMPLIANCE
  - VII.I.1. Requests for modification of the final compliance dates pursuant to the Permit Conditions in Module VII of this Permit shall be submitted to the Director for approval, in accordance with IDAPA 58.01.05.012 [40 CFR §§ 270.41 and 270.42].
  - VII.I.2. The Corrective Action Schedule of Compliance (Module VII of this Permit) final compliance dates subject to modification include:
    - VII.I.2.a. The compliance date(s), as specified in Table 11 of this Permit, for submittal of the RFI Final Report;
    - VII.I.2.b. The compliance date(s), as specified in Table 12 of this Permit for submittal of the CMS Report;
    - VII.I.2.c. The compliance date(s), as specified in Table 12 of this Permit, for submittal of the final CMI Program Plan, in accordance with Permit Condition VII.G.4 of this Permit;
    - VII.I.2.d. Once established in accordance with Permit Condition VII.G.4, the compliance date(s) for submittal of the corrective measures plans and reports, in accordance with Permit Condition VII.G.5;
    - VII.I.2.e. Compliance dates, as specified in Table 11 and Table 12 of this Permit, for implementing the approved plans and/or reports; and
    - VII.I.2.f. Compliance dates for quarterly submittal of progress reports.
  - VII.I.3. Pursuant to IDAPA 58.01.05.012 [40 CFR § 270.42(a)], the Compliance Schedules specified by the Director, shall be modified if the Director determines that good cause exists for which the Permittee had no control and for which there is no reasonable available remedy.
    - VII.I.3.a. Upon evaluation, if the Director determines that good cause exists, the Director shall modify the compliance schedule.
    - VII.I.3.b. For any approved modification, the compliance schedule specified in Table 12 of this Permit shall be modified to provide relief from the original compliance schedule time-frames only for the subsequent fiscal year. All successive compliance dates after the end of such fiscal year shall be modified to reflect the original time-frames specified prior to the modification request.

- VII.I.4. Failure to obtain adequate funds or appropriations from Congress shall not, in any way, release the Permittee from its obligation to comply with the CMI (as required by Permit Condition VII.G.4) or any other requirement of this Permit or RCRA.
- VII.I.5. If adequate funds for CMI are not available, the Director reserves the right to pursue any action or actions deemed necessary to protect human health and the environment, not excluding judicial recourse or termination of this Permit.
- VII.I.6. The Permittee shall submit a request for modifications of the interim compliance dates that do not affect the final compliance dates, to the Director for approval. If the Director approves the interim compliance date modifications, Table 11 and/or Table 12 of this Permit shall incorporate the modified compliance dates as approved and such change shall not be considered a permit modification under IDAPA 58.01.05.012 [40 CFR § 270.41].

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### APPENDIX A – TABLES

**Table 1. Boise Permitted Waste Streams and Applicable Waste Codes**

Boise Permitted Waste Streams and Applicable Waste Codes				
WASTE DESCRIPTION	EPA WASTE CODES	DESIGN CAPACITY <sup>1</sup>	ESTIMATED ANNUAL AMOUNT <sup>2</sup>	STORAGE UNIT
Used Parts Washer Solvent 150 Bulked	D001, D039 <sup>4</sup>	12,000	250	Bulk Storage Tank (S02)
Used Parts Washer Solvent 150	D001, D039 <sup>4</sup>	162	250	Wet Dumpster/Drum Washer (X99)
Used Parts Washer Solvent 150	D001, D039 <sup>4</sup>	5,620 <sup>3</sup>	Included above <sup>6</sup>	Container Storage Area 1 (CSA-1) (S01)
Used Parts Washer Solvent 150	D001, D039 <sup>4</sup>	2,700 <sup>3</sup>	Included above <sup>6</sup>	Container Storage Area 2 (CSA-2) (S01)
Parts Washer Solvent Tank Bottoms	D039 <sup>4</sup>	Included in first line	Included above	Bulk Storage Tank (S02) (same unit as above)
Dumpster Sediment/Sludge/Mud	D001 <sup>4</sup>	5,620 <sup>3</sup>	3	CSA-1 (S01)
Used Immersion Cleaner	D006 <sup>5</sup>	Included above	4	CSA-1 (S01)
Dry Cleaning Waste (Perchloroethylene)	D039, F002 <sup>5</sup>	Included above	6	CSA-1 (S01)
Paint Waste	F003, F005, D001 <sup>4</sup>	Included above	14	CSA-1 (S01)
Paint Waste	F003, F005, D001 <sup>4</sup>	2,700 <sup>3</sup>	Included above	CSA-2 (S01)

<sup>1</sup> The design capacity in gallons. [Note: The facility restricts the amount stored in the tank to 95% capacity – approximately 11,400 gallon (gal)].

<sup>2</sup> The estimated annual amount in tons.

<sup>3</sup> The total amount of containerized waste stored will not exceed 5,620 gal in the CSA 1, and 2,700 gal in CSA 2.

<sup>4</sup> In addition to the code(s) listed above, these codes may be applicable: D004-D011, D018, D019, D021-D030, and D032-D043.

<sup>5</sup> In addition to the code(s) listed above, these codes may be applicable: D004, D005, D006-D011, D018, D019, D021-D030, and D032-D043.

<sup>6</sup> Drums of used parts washer solvent may be stored temporarily in CSA-1 or CSA-2 until added to the bulk solvent tank.

**Table 2. Hazardous Waste Exposure Limits**

<b>Hazardous Waste Exposure Limits</b>					
<b>Location</b>	<b>Chemical Agent Concentration (mg/m<sup>3</sup>)</b>				
	<b>Spent Mineral Spirits</b>	<b>Old Spent Immersion Cleaner</b>	<b>Dry Cleaning Waste</b>	<b>Paint Waste</b>	<b>New Spent Immersion Cleaner</b>
General Population Limit <sup>1,2</sup>	0.0001	0.0001	0.0001	Not available	0.0001
Work-Place Time Weighted Average <sup>3</sup>	525 <sup>4</sup>	22	170 <sup>5</sup>	375	350 <sup>4</sup>
<p><sup>1</sup> General Population Exposure s are recorded at the facility boundary</p> <p><sup>2</sup> General Population Limits were derived from health and environmental criteria presented in the “Interim Final RCRA Facility Investigation (RFI) Guidance” EPA 530/SW-89-031</p> <p><sup>3</sup> Work-Place Time Weighted Averages were taken from NIOSH: Pocket Guide to Chemical Hazards, “U.S. Department of Health and Human Services, Public Health Service, Center for Disease Control, National Institute for Occupational Safety.</p> <p><sup>4</sup> Distillates (petroleum), hydrotreated light (64742-47-8), OSHA Vacated: 100 ppm TWA; 525 mg/m<sup>3</sup> TWA (related to Stoddard solvent), NIOSH: 350 mg/m<sup>3</sup> TWA (related to Stoddard solvent)</p> <p><sup>5</sup> Tetrachloroethylene (127-18-4), TWA 25 ppm (170 mg/m<sup>3</sup>)</p>					

**Table 3. Inspection Schedule**

<b>Inspection Schedule</b>			
<b>Exhibit/Description/Form</b>	<b>Unit</b>	<b>Frequency</b>	<b>Notes</b>
Exhibit F-1, CO CSA Inspection, Form Code: 28	CSA-1 CSA-2	Each Operating Day	In the event of a facility shutdown or an extended holiday, no more than 96 hours shall elapse between inspections.
Exhibit F-1, CO Return and Fill Area, Form Code: 36	Wet Dumpster/Drum Washer	Each Operating Day	At the end of each day, the unit must be empty of hazardous waste. In the event of a facility shutdown or an extended holiday, no more than 96 hours shall elapse between inspections.
Exhibit F-1, CO Tank System Inspection, Form Code: 27	Bulk Storage Tank	Each Operating Day	In the event of a facility shutdown or an extended holiday, no more than 96 hours shall elapse between inspections.
Exhibit F-2, CO Safety Security Inspection, Form Code: 29	Not applicable	Weekly	In the event of a facility shutdown or an extended holiday, no more than 10 days shall elapse between inspections.
Tank Integrity Inspection (Provide inspection report)	Bulk Storage Tank	Periodically	Steel Tank Institute (STI) Standard for the Inspection of Aboveground Storage Tanks (STI SP001); and 40 CFR § 112  Within six (6) months of the effective date of the Permit, and in accordance with STI SP001 and 40 CFR § 112 standards thereafter.
Tank Pedestal Inspection	Bulk Storage Tank	Annually	Remove the panels and inspect under the tank for leaks, condition and integrity.

<b>Inspection Schedule</b>			
<b>Exhibit/Description/Form</b>	<b>Unit</b>	<b>Frequency</b>	<b>Notes</b>
Exhibit N-5, CO Tank System BB Equipment, Form Code: 42	Bulk Storage Tank  Return and Fill Station	Each Operating Day	In the event of a facility shutdown or an extended holiday, no more than 96 hours shall elapse between inspections.
Exhibit F-2a, Miscellaneous Unit Subpart CC Organic Air Emission Quarterly Inspection	Wet Dumpster/ Drum Washer	Quarterly (first month of each quarter) for the first four (4) quarters; then inspection may be discontinued upon Director approval.	If a leak was detected [ $>10,000$ parts per million (ppm) organics] during quarterly monitoring, upon returning the unit to service, monitor monthly until two successive months of no detection was achieved.
Exhibit N-2, Valve List of Subpart BB Tags  Exhibit N-4, Example Leak Detection and Repair Record  Exhibit N-5, Example BB Inspection Log, Form: 42  Exhibit N-6, Piping Schematic	Bulk Storage Tank and Wet Dumpster/ Drum Washer	Daily and Annually	Daily for indications of liquids dripping from the pump seals by visual inspection.  Daily for devices listed in IDAPA 58.01.05.008 [40 CFR §§ 264.1052-264.1058], and for flanges or other connectors.  Annually for the tank emergency pressure relief valve and manhole cover
Exhibit O-1, CO Subpart CC Visual Tank Inspection, Form Code: 68	Bulk Storage Tank	Annually	
Exhibit O-1, CO Subpart CC Visual Tank Inspection, Form Code: 68	Wet Dumpster/Drum Washer	Quarterly	

**Table 4. Required Submittals and Dates**

<b>Required Submittals and Dates</b>	
<b>Required Submittal/Document</b>	<b>Due Dates</b>
Bulk Storage Tank Integrity Assessment	Within six (6) months of the effective date of this Permit
Wet Dumpster/Drum Washer Integrity Assessment	Within six (6) months of the effective date of this Permit
Wet Dumpster/Drum Washer Subpart BB Monitoring Report	Within one quarter after completing four (4) successive, successful quarterly monitoring events
Non-Compliance Report (Permit Condition I.U) <sup>1,2</sup>	March 1 and September 1 every year
Subpart BB Semi-Annual Repair Report (Permit Condition II.J.2) <sup>1,3</sup>	March 1 and September 1 every year
Biennial Report (Permit Condition II.J.2)	March 1, every even numbered year
Waste Minimization Certification (Permit Condition II.J.6)	March 1 every year
Permit Application Re-Application (Permit Condition I.G)	180 days prior to expiration date of this Permit
<sup>1</sup> The semi-annual reporting period shall be defined as from January 1 to June 30, and from July 1 to December 31 of each year, as applicable. <sup>2</sup> The report not required if there are not any “non-compliances” to report. <sup>3</sup> The report is not required if repairs were timely as per Permit Condition VI.H.2.	

**Table 5. 40 CFR Part 264 Subparts BB and CC Applicability**

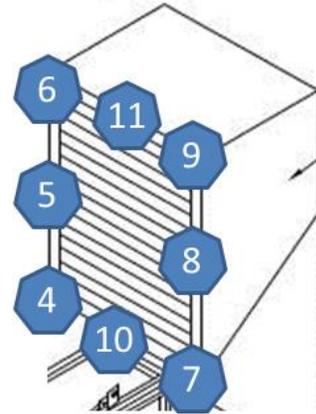
<b>40 CFR Part 264 Subparts BB and CC Applicability</b>			
<b>HWMU Type</b>	<b>Unit Name</b>	<b>Is Subpart BB/CC applicable?</b>	<b>Description Of Subpart CC Air Emission Control System</b>
Container Storage	CSA-1 and CSA-2	Yes—CC	Container Level 1 Standards
Tank Storage	Bulk Storage Tank	Yes—BB/CC	Tank Level 1 Controls
Miscellaneous Unit	Wet Dumpster/Drum Washer	Yes—BB/CC	Container Level 1 Standards

**Table 6. Hazardous Waste Management Units Subpart CC Emissions Controls**

Hazardous Waste Management Unit		
Unit	Subpart CC Category	Description of Air Emission Control System
Containers located in the CSA-1 – Warehouse or the CSA-2 – Metal Paint Shelter, or any other area where hazardous waste is stored, including the Return and Fill Station.	Containers with design capacity greater than 0.1 cubic meter (m <sup>3</sup> ) (26 gal), and less than 0.46 m <sup>3</sup> , (about 122 gal).	Container Level 1 Controls per IDAPA 58.01.05.008 [40 CFR § 264.1086(c)] – equipped with cover and closure devices which form a continuous barrier over container openings. These containers may also be controlled using Level 1 controls using applicable USDOT regulations.
Miscellaneous Unit (Wet Dumpster/Drum Washer)  For the purpose of compliance with the Subpart CC Air Emission Requirements, the miscellaneous unit is “ <i>container-like</i> ” in the manner in which it stores hazardous waste, and so must comply with the Container Level 1 Controls.	Containers with design capacity greater than 0.46 m <sup>3</sup> (122 gal) that are not in light material service.	Container Level 1 Controls per IDAPA 58.01.05.008 [40 CFR § 264.1086(c)] – equipped with cover and closure devices which form a continuous barrier over container openings.
Bulk Storage Tank	Tank with a design capacity less than 75 m <sup>3</sup> with a maximum organic vapor pressure less than 76.6 kiloPascals (kPa).	Tank Level 1 Controls per IDAPA 58.01.05.008 [40 CFR § 264.1084(c)] – equipped with a fixed roof encompassing a continuous barrier, and closure devices which form a continuous barrier over the entire surface area of the hazardous waste in the tank. Each closure device shall be closed whenever hazardous waste is in the tank.

**Table 7. Miscellaneous Unit Subpart CC Sampling Locations**

Miscellaneous Unit Subpart CC Sampling Locations	
Sampling Location ID	Description – Location
1	R&F Station – East
2	R&F Station – Center
3	R&F Station – West (by personnel door)
4	Door – Bottom – Left
5	Door – Center – Left
6	Door – Top – Left
7	Door – Bottom – Right
8	Door – Center – Right
9	Door – Top – Right
10	Door – Bottom - Center
11	Door – Top - Center



**Figure 1. Sampling Locations**

**APPENDIX B – SOLID WASTE MANAGEMENT UNIT AND AREA OF CONCERN SUMMARY.**

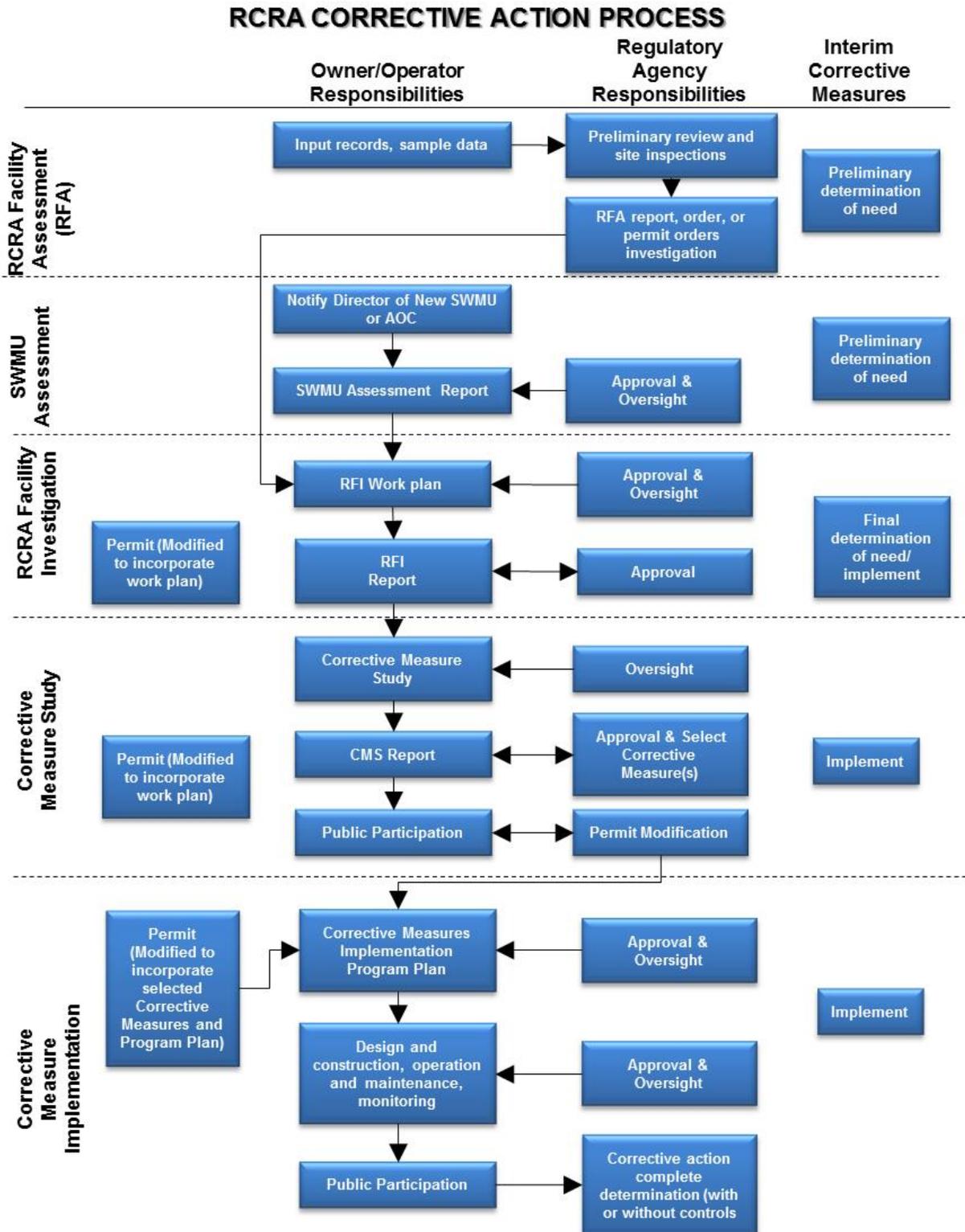


Figure 2. RCRA Corrective Action Process

**Table 8. SWMUs and AOCs at Safety-Kleen Boise under Investigation for Releases**

<b>SWMUs and AOCs at Safety-Kleen Boise Under Investigation for Releases</b>		
<b>SWMU/AOC No./Letter</b>	<b>SWMU/AOC Name</b>	<b>Regulatory Authority and Status</b>
To be submitted by Permittee in accordance with Permit Condition VII.C.9.		

**Table 9. SWMUs and AOCs at Safety-Kleen Boise with Known Releases**

<b>SWMUs and AOCs at Safety-Kleen Boise with Known Releases</b>		
<b>SWMU/AOC No./Letter</b>	<b>SWMU/AOC Name</b>	<b>Regulatory Authority and Status</b>
To be submitted by Permittee in accordance with Permit Condition VII.C.9.		

**Table 10. SWMUs and AOCs Requiring No Further Action at this Time [Unrestricted Use/Unlimited Exposure (UU/UE)]**

<b>SWMUs and AOCs Requiring No Further Action at this Time [Unrestricted Use/Unlimited Exposure (UU/UE)]</b>	
<b>SWMU/AOC No./Letter</b>	<b>SWMU/AOC Name</b>
SS	Clarifier (Sump) Area
T	Trench Between Clarifier and Clarifier (Drain) Tank
ST	Clarifier (Drain) Tank Area
S1	Stain Area #1
S3	Stain Area #3
S4	Stain Area #4
S5	Stain Area #5
To be submitted by Permittee in accordance with Permit Condition VII.C.9.	

**Table 11. RCRA Facility Investigation (RFI) Compliance Schedule**

<b>RCRA Facility Investigation (RFI) Compliance Schedule</b>	
<b>RFI Activity</b>	<b>Due Date</b>
Submit SWMU Assessment Plan and Schedule	Within 90 calendar days of the Director's notification that a SWMU Assessment Plan is needed, in accordance with Permit Condition VII.D.3.
Submit SWMU Assessment Report	As specified in the Director's approved SWMU Assessment Plan and Schedule.
Submit Draft RFI Work Plan	Within 90 calendar days of the Director's notification that an RFI is needed, in accordance with Permit Condition VII.D.13.
Initiate RFI Work Plan Activities	Within 45 calendar days of the Director's approval of the RFI Work Plan.
Submit RFI Draft Report	As specified in the Director's approved RFI Work Plan and Schedule.
Submit RFI Final & Summary Reports	As specified in the Director's approved RFI- Work Plan and Schedule.
Progress Reports	Quarterly (every 90 days) beginning 90 calendar days after the Director's approval of the RFI activities.

**Table 12. Corrective Measures Study (CMS) and Corrective Measures Implementation (CMI) Compliance Schedule**

<b>Corrective Measures Study (CMS) and Corrective Measures Implementation (CMI) Compliance Schedule</b>	
<b>CMS Submission/CMI Submission</b>	<b>Due Dates</b>
Submit CMS Work Plan	Within 60 calendar days of the RFI Final Report.
Submit Draft CMS Report	Within 300 calendar days of the Director's approval of the CMS Work Plan.
Submit Final CMS Report	Within 60 calendar days of receiving the Director's comments on the Draft CMS Report.
Submit Draft CMI Program Plan	Within 90 calendar days of the Director's approval of the Final CMS Report.
Submit Final CMI Program Plan	Within 60 calendar days of receiving the Director's comments on the Draft CMI Program Plan.
Submit plans and reports required in the CMI Program Plan, for example: <ul style="list-style-type: none"> <li>• Quality Assurance Program Plan,</li> <li>• Conceptual Design (15% Design Point)</li> <li>• Operations and Maintenance Plan</li> <li>• Intermediate Plans and Specifications (30, 50, 60, 90 and/or 95% Design Point)</li> <li>• Final Plans and Specifications (100% Design Point)</li> <li>• Construction Work Plan</li> <li>• Construction Completion Report</li> <li>• Corrective Measure Completion Report</li> </ul>	As specified in the Director's approved CMI Program Plan.
CMS/CMI Progress Reports	Quarterly, every 90 calendar days, beginning 90 calendar days after the Director's approval of the Final RFI Report