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ATTACHMENTS

- 1 PART A APPLICATION
- 2 WASTE ANALYSIS PLAN
- 3 INSPECTION SCHEDULE
- 4 REQUIREMENTS FOR RECOVERY FROM A BOILOVER IN THE METAL PARTS FURNACE
- 5 COMPREHENSIVE MONITORING PROGRAM SAMPLING AND ANALYSIS PLAN
- 6 SECURITY, PREPAREDNESS, AND PREVENTION PROCEDURES, EQUIPMENT, AND REQUIREMENTS AND WASTE AND PRECIPITATION RELEASE RESPONSE PROCEDURES
- 7 REQUIREMENTS FOR OPERATION OF THE MERCURY MONITORING SYSTEM
- 8 UMCDF CLOSURE PLAN FROM THE APPLICATION
- 9 CONTINGENCY PLAN
- 10 TRAINING PLAN
- 11 CALIBRATION PROCEDURES AND IN SITU CONTINUOUS EMISSIONS MONITORING SYSTEMS
- 12 DESIGN AND SPILL/OVERFLOW PROTECTION CONTROL DOCUMENTS AND REQUIREMENTS
- 13 ENHANCED ON-SITE CONTAINER (EONC) SPECIFICATION
- 14 HD RINSATE EMISSIONS DEMONSTRATION TEST (EDT) PLAN

INTRODUCTION

Permittee and Owner and Operator: **U.S. Army Umatilla Chemical Depot**
Co-Permittee and Co-Operator: **Washington Demilitarization Company, LLC**

Permit Number: ORQ 000 009 431-01

Pursuant to Oregon Revised Statutes Chapter 466 and the hazardous waste regulations promulgated thereunder by the Oregon Environmental Quality Commission in Chapter 340 of the Oregon Administrative Rules (OAR), this permit is issued to the U.S. Army, as represented by the Umatilla Chemical Depot (permittee and owner and operator), and the Washington Demilitarization Company, LLC (co-permittee and co-operator) to operate a hazardous waste treatment and storage chemical demilitarization facility located in Umatilla County in Hermiston, Oregon, off Interstate Hwy-84 at exit 177 at latitude 45° 50' 30" and longitude 119° 26' 00".

Except as otherwise modified or specified by OAR 340, divisions 100 to 106, 109, 111, 113, 120, 124 and 142, OAR 340-100-0002 adopts by reference the rules and regulations governing the management of hazardous waste, including its generation, transportation, treatment, storage, recycling and disposal, prescribed by the United States Environmental Protection Agency in Title 40 Code of Federal Regulations, Parts 260 to 266, 268, 270, 273 and Subpart A and Subpart B of Part 124 promulgated through July 1, 2007, and including the rules promulgated July 14, 2006 at 71 Federal Register 40254-40280 and July 28, 2006 at 71 Federal Register 42928-42949, except the amendments to 40 CFR Parts 124, 260, 261, 262, 264, 265, 267, and 270 as promulgated at 63 Federal Register 56710-56735, October 22, 1998, 65 Federal Register 30886-30913, May 15, 2000, 69 Federal Register 21737-21754, April 22, 2004, 69 Federal Register 62217-62224, October 25, 2004, and 70 Federal Register 53420-53478, September 8, 2005. All citations in this permit to Title 40 Code of Federal Regulations are citations to the Title 40 Code of Federal Regulations as adopted by OAR 340-100-0002 and as otherwise modified or specified by OAR, divisions 100 to 106, 109, 111, 113, 120, 124, and 142.

For purposes of clarification, the designations co-permittee and co-operator hereinafter will be referred to as permittee, and operator, respectively. The use of co-permittee as permittee and co-operator as operator shall not change legal obligations and/or responsibilities.

The permittee must comply with all terms and conditions set forth in this permit and the attachments incorporated herein and made a part hereof. Issuance of this permit does not relieve the permittee from the responsibility to comply with all applicable state or local laws and regulations, including OAR 340 Divisions 100-120, the rules of the Public Utility Commissioner, the Workers' Compensation Department, State Health Division, and other agencies having jurisdiction over the facility.

In some cases, within this permit, the permittee has included references to exhibits or other attachments which are not physically contained in this permit. In such cases, the permittee must still comply with the procedures of those referenced documents, even though they are not physically contained in this permit. The permittee must maintain a set of such referenced documents at the facility. [ORS 466.105(7)]

The permittee must maintain any documents at the facility which are referenced in any condition of this permit, even though such referenced documents may not be physically contained in the permit. The permittee shall comply with the procedures and specifications of those referenced documents to the extent necessary to remain in compliance with the conditions of this permit.

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 regional administrator of any deviation from 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 condition of this permit in any way.

The Department shall enforce all conditions of this permit. Any challenge to any permit condition, shall be appealed as directed by the Environmental Quality Commission.

This permit may later, after the effective date of this permit, be modified to incorporate permit conditions which are based on federal regulations promulgated under the Hazardous and Solid Waste Act (HSWA), but have not yet been included in the state's authorized hazardous waste program. Such a modification shall be a joint decision with the US Environmental Protection Agency (US EPA).

LIST OF ACRONYMS

ACAMS	Automatic Continuous Air Monitoring System
ASC	Allowable Stack Concentration
ASME	American Society of Mechanical Engineers
AWFCO	Automatic Waste Feed Cut-off
BRA	Brine Reduction Area
CDC	U.S. Centers for Disease Control
CEM	Continuous Emissions Monitor
CHB	Container Handling Building
CSDP	Chemical Stockpile Disposal Program
DAAMS	Depot Area Air Monitoring System
DAL	Discharge Airlock
DFS	Deactivation Furnace System
DRE	Destruction and Removal Efficiency
ECR	Explosive Containment Room
ECV	Explosive Containment Vestibule
EONC	Enhanced On-Site Storage Container, On-Site Container, Onsite Transport Container
FFA	Federal Facilities Agreement
GFE	Government Furnished Equipment
GPL	General Population Limit
HEPA	High-Efficiency Particulate Air
HHS	Health and Human Services
HSWA	Hazardous and Solid Waste Amendment
HWMU	Hazardous Waste Management Unit
JACADS	Johnston Atoll Chemical Agent Disposal System
LIC	Liquid Incinerator
MDB	Munitions Demilitarization Building
MPF	Metal Parts Furnace
OAR	Oregon Administrative Rules
ORS	Oregon Revised Statutes
PAS	Pollution Abatement System
PFS	PAS Filter System
PIC	Products of Incomplete Combustion
POHC	Principal Organic Hazardous Constituents
QAPs	Quality Assurance Procedures
QA/QC	Quality Assurance/Quality Control
RA	Risk Assessment
RCRA	Resource Conservation and Recovery Act
RFA	RCRA Facility Assessment
RHA	Residue Handling Area
SDS	Spent Decontamination Solution
SOP	Standard Operating Procedure
SWMU	Solid Waste Management Unit
STEL	Short-Term Exposure Limit
TC	Toxicity Characteristic
TCLP	Toxicity Characteristic Leaching Procedure
TMA	Toxic Maintenance Area
TSD	Treatment, Storage, and/or Disposal
TWA	Time-Weighted Average
UMCDF	Umatilla Chemical Agent Disposal Facility

UMCD
VSL
WIC
WPL

Umatilla Chemical Depot
Vapor Screening Level
Waste Incineration Container
Worker Population Limit

LIST OF ATTACHMENTS

The following documents are hereby incorporated, and made part of this permit. These incorporated attachments are enforceable conditions of this permit, as may be modified by the specific permit conditions. Specific permit conditions (Modules I through IX), supersede the language of the attachments if the permit condition and attachment language are found to be in conflict.

Attachment 1	Part A Application
Attachment 2	Waste Analysis Plan
Attachment 3	Inspection Schedule
Attachment 4	Requirements for Recovery From a Boilover in the Metal Parts Furnace
Attachment 5	Comprehensive Monitoring Program Sampling and Analysis Plan
Attachment 6	Security, Preparedness, and Prevention Procedures, Equipment, and Requirements and Waste and Precipitation Release Response Procedures
Attachment 7	Requirements for Operation of the Mercury Monitoring System
Attachment 8	UMCDF Closure Plan from the Application
Attachment 9	Contingency Plan
Attachment 10	UMCDF Training Plan
Attachment 11	Calibration Procedures and In Situ Continuous Emissions Monitoring Systems
Attachment 12	Design and Spill/Overflow Protection Control Documents and Requirements
Attachment 13	Enhanced On-Site Container (EONC) Specification
Attachment 14	HD Rinsate Emissions Demonstration Test (EDT) Plan