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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”.


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.

All federal Title 40 CFR citations are citations to the Title 40 CFR adopted as Oregon rule by OAR 340-100-0002 and as altered by OAR Chapter 340, Divisions 100-106, 109, 111, 113, 120, 124, and 142. See the preface introduction for further explanation.
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
FPA    Federal Facilities Agreement
GFE    Government Furnished Equipment
GPL    General Population Limit
HEPA   High-Efficiency Particulate Air
HHS    Health and Human Services
HWSA   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
QA/QC  Quality Assurance/Quality Control
RA     Risk Assessment
RCRA   Resource Conservation and Recovery Act
RAF    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  Umatilla Chemical Depot
VSL   Vapor Screening Level
WIC   Waste Incineration Container
WPL   Worker Population Limit

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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 7 Requirements for Operation of the Mercury Monitoring System
Attachment 8 UMCDF Closure Plan from the Application
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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
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