

RCRA Part B - Permit Application Revision 5.0 - January 2023



CHEMICAL WASTE MANAGEMENT , INC.
Emelle, Alabama Facility
Sumter County, Alabama
EPA Permit No. ALD 000 622 464

Jacobs



**RCRA PART B PERMIT APPLICATION
CHEMICAL WASTE MANAGEMENT, INC.
EMELLE, ALABAMA FACILITY**

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List of Common Abbreviations and Acronyms

Above Grade Module (AGM)
Action Leakage Rates (ALR)
Agency (ADEM - Land Division and/or Region IV U.S. EPA, as applicable)
Alabama Department of Environmental Management - Land Division (ADEM)
American Association of State Highway Officials (AASHO)
American Concrete Institute (ACI)
American Institute of Steel Construction (AISC)
American National Standards Institute (ANSI)
American Petroleum Institute (API)
American Society for Testing Materials (ASTM)
American Society of Civil Engineers (ASCE)
American Society of Mechanical Engineers (ASME)
Anchor Bolt (AB)
Apparent Opening Size (AOS)
Association of Official Analytical Chemists (AOAC)
Atomic Absorption (AA)
Below Method Detection Limit (BMDL)
Best Demonstrated Available Technology (BDAT)
Boiler or Industrial Furnace (BIF)
British Thermal Unit (BTU)
Carbon Steel (CS)
Cardiopulmonary Resuscitation (CPR)
Cathode Ray Tubes (CRT's)
Chemical Abstracts Service (CAS)
Chemical Waste Management, Inc. (CWM)
Clean Water Act (CWA)
Comprehensive Environmental Response, Compensation and Liability Act (CERCLA)
Construction Quality Assurance Plan (CQA)
Container Tipper Repackager (CTR)
Corrosion Allowance (CA)
Coupling (CPLG)
Cross Linked High Density Polyethylene (XLHDPE)
Cubic Feet (cu.ft.)
Cubic Feet per Hour (cfh or CFH)
Cubic Yards (cu.yd.)
degrees Fahrenheit (°F)
Department (ADEM - Land Division and/or Region IV U.S. EPA, as applicable)
Department of Transportation (DOT)
Dry Film Thickness (DFT)
Emergency Coordinator (EC)
Emergency Medical Technician (EMT)
Region IV U.S. Environmental Protection Agency (EPA or U.S. EPA)
Extra Large (XL)
Factor of Safety (F.O.S.)
Fiberglass Reinforced Plastic (FRP)
Flat Bar (FB)

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Gallons (gals)
Gallons Per Acre Per Day (gpad)
Gallons per Minute (gpm)
Gas Chromatograph (GC)
Gas Chromatograph/Mass Spectrometer (GC/MS)
Gauge (Ga.)
Gross National Product (GNP)
High Density Polyethylene (HDPE)
Identifications (ID)
Incident Command System (ICS)
Inductively Coupled Plasma Atomic Emission Spectroscopy (ICAP)
Inorganic Shredding Decanter/Repackager (ISD)
Inside Diameter (ID)
Inter-Modal Association (IMA)
Joint Efficiency (JE)
Land Disposal Restriction (LDR)
Large (L)
Safety Data Sheet (SDS)
Mean Sea Level (MSL)
Miles per Hour (mph)
Mobile Containment Unit (MCU)
National Association of Corrosion Engineers (NACE)
National Fire Protection Association (NFPA)
National Pipe Thread (NPT)
National Pollutant Discharge Elimination System (NPDES)
Not Applicable (NA)
Not Detected (ND)
Notice of Deficiency (NOD)
Occupational Safety and Health Administration (OSHA)
Office of Solid Waste and Emergency Response (OSWER)
On Center (o.c.)
On Center Each Way (o.c.e.w.)
On Center Each Way Each Face (o.c.e.w.e.f.)
Operator (OP)
Organic Vapor Analyzer (OVA)
Ounces (oz.)
Outside Diameter (OD)
Oxidation-Reduction Potential (ORP)
Oxygen Breathing Apparatus (OBA)
Personal Protective Equipment (PPE)
Parts per Million by Weight (ppmw)
Poly-Chlorinated Biphenyls (PCB)
Polyethylene (PE)
Pounds per Square Inch (psi)
Pounds per Square Foot (psf)
Pressure Relief System (PRS)

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List of Common Abbreviations and Acronyms

Primary Leachate Collection System (PLCS)
Process and Instrumentation Diagrams (P&ID)
Process Flow Diagram (PFD)
Quality Assurance (QA)
Quality Assurance Consultant (QAC)
Quality Assurance Lab (QAL)
Quality Control (QC)
Raised Face (RF)
Raised Face Flange (RFF)
Resource Conservation & Recovery Act (RCRA)
Response Action Plan (RAP)
Schedule, Pipe (Sch.)
Secondary Leachate Collection System (SLCS)
Self-Contained Breathing Apparatus (SCBA)
Specific Gravity (SG)
Solidification Evaluation (SE)
Standard Building Code (SBC)
Standard Cubic Feet per Hour (scfh or SCFH)
Standard Dimension Ratio (SDR)
Standard Reference Materials (SRM)
Steel Tank Institute (STI)
Tons Per Hour (tph or TPH)
Top and Bottom (t & b)
Total Dissolved Solids (TDS)
Total Solids (TS)
Total Suspended Solids (TSS)
Toxic Characteristic Leaching Procedure (TCLP)
Toxic Substance Control Act (TSCA)
Treatment, Storage, and Disposal (TSD)
Treatment, Storage, and Disposal Facility (TSDF)
Underwriters Laboratories (UL)
United States Geological Surveys (USGS)
Waste Analysis Plan (WAP)
Waste Profile Sheet (WPS)
Water Column (WC)
With (w/)

PREFACE

Revision No.

5.0

PREFACE

This is Revision 5.0 of the RCRA Part B Permit Application. This Revision 5.0 submittal of the RCRA Part B Permit Application represents the most current RCRA Part B Permit Application.

5 This Application provides information with regard to maintaining a RCRA Part B Permit for the management of hazardous waste in containers, tanks, and containment buildings, and for the disposal of waste in landfills at the Chemical Waste Management, Inc., Emelle, Alabama Facility (hereinafter referred to throughout this Application as the "Facility").

10 At the beginning of this Application is a Table of Contents for the entire Application and a list of the abbreviations and acronyms used within the Application. The Table of Contents shall be updated and submitted with all future revisions to the Application, including revisions to individual sections, appendices, and attachments.

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[End of Preface]

FOREWORD

Revision No.

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FOREWORD

This Application is organized according to the suggested ADEM and USEPA formats. The information contained herein is the property of Chemical Waste Management, Inc. (CWM).
5 CWM does hereby grant the Alabama Department of Environmental Management the sole right to display, copy, reproduce, and publish any or all portions of this Application for purposes relating to the issuance of a permit for the Facility, with the exception of any documents marked and identified as "Confidential Information" or "Trade Secrets" in accordance with Code of Alabama §22-30-18. CWM reserves all other rights.

10 Any questions concerning this Application should be directed to:

- Mr. Michael J. Davis, District Manager, CWM Central Region
Chemical Waste Management, Inc.
15 36964 Alabama Highway 17
Emelle, Alabama 35459
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20 [End of Foreword]