

ATTACHMENT F

ATTACHMENT F: LIST OF UNITS

Within 90 days after the effective date of this Permit, the Permittee shall submit, to the NMED an updated site plan displaying and labeling the locations of all SWMUs and AOCs listed in the Permit.

**TABLE F-1
 SOLID WASTE MANAGEMENT UNITS (SWMUs) & AREAS OF CONCERN (AOCs)
 REQUIRING CORRECTIVE ACTION**

UNIT ID NUMBER	UNIT DESCRIPTION	NOTES
SWMU 7	Three Mile Ditch	
SWMU 16	Old API Separator	
SWMU 17	Clarified Slurry Oil Tank Farm (Tanks 18, 58, 59, 61, 63, 65, and 75)	
SWMU 18	North API Separator	West of Freeman Street in North Plant where Freeman crosses Eagle Draw
SWMU 19	South API Separator	Inactive
SWMU 20	North Bundle Cleaning Pad	
SWMU 21	South Bundle Cleaning Pad	
SWMU 22	Main API Separator	Inactive/below ground
SWMU 23	South Alkylation Unit	
SWMU 24	Above Ground API Separator	Active/above ground
SWMU 25	North Plant Process Area (active and inactive process units, ancillary equipment, and former crude oil Tank 437)	Located east and south of Eagle Draw and North of Moseley Avenue)
SWMU 26	South Plant Process Area (active and inactive process units and ancillary equipment)	Located between Texas Avenue and the southern Refinery boundary (US Highway 82) and between Freeman Avenue and the Southeast Tank Farm
AOC 1	Diesel Tank Farm Area (Tanks 834, 838)	
AOC 2	Former Diesel Storage Tanks at North Plant Process Area	
AOC 3	Southeast Tank Farm Area (Tanks 11, 12, 107, 108, 109, 114, 115, 117, 401, 402, 411, 412, 415, 450 and Tanks 106, 110, 116, 119, 431, 432, 433, 438)	
AOC 4	Southwest Tank Farm Area (Tanks 111, 112, 113, 124, 128, 129, 416, 417, 418, 419, 434)	

UNIT ID NUMBER	UNIT DESCRIPTION	NOTES
AOC 5	Crude Tank Farm Area (Tanks 400, 439, 1227)	
AOC 6	Northeast Tank Farm (Tanks 437, 1225)	
AOC 7	West Tank Farm (Tanks 52, 55, 56, 57, 737, 802, 1225)	
AOC 8	South Tank Farm (Tanks 403, 404, 405, 406, 409, 410, 420, 422, 423, 814)	
AOC 9	Aggressive Biological Treatment Tanks (ABT) (Tank 801 and 836)	
AOC 10	Old Dissolved Air Floatation (DAF) Unit	
AOC 11	DAF Tank 806	
AOC 12	Wastewater Collection System	Throughout the entire refinery
AOC 13	Bone Yard (miscellaneous storage)	Includes area east of Fifth Street and north of AOC 7
AOC 14	Talon Tank and Ancillary Equipment	
AOC 15	Above and Underground Piping	
AOC 16	Loudon Building	Building and exterior concrete sump located near AOC 30c
AOC 17	Alkylation Oil/Water Separator	
AOC 18	Tank 110 Loading Rack (TL-2)	Backup rack
AOC 19	LPG Truck Loading Rack (TL-5)	
AOC 20	CBO Loading Rack (TL-7)	
AOC 21	Gasoline Loading Rack (TL-552)	
AOC 22	Texas Street Asphalt Loading Rack (TO-6)	
AOC 23	Former Transmix Loading Rack (TO-11)	
AOC 24	Former Sweet Crude Loading Rack (TO-18)	
AOC 25	Tank 433 Loading Rack (TO-20)	Backup rack
AOC 26	Tank 400 Gas Oil Loading Rack (TO-551)	
AOC 27	Main Asphalt Loading Rack (TLO-1)	
AOC 28	Crude Off-loading Rack (TLO-17)	
AOC 29	Tank 81 Loading Rack (RLO-20)	
AOC 30a	Railcar Loading and Offloading Racks (CBO Loading, RLO-8)	
AOC 30b	Railcar Loading and Offloading Racks (Sulfur Loading Rack, RLO-9)	
AOC 30c	Railcar Loading and Offloading Racks (West Loading Rack, RLO-19)	
AOC 31	Empty Drum Storage Area (Old City of Artesia Clarifier)	
AOC 32	South Plant Mercury Release (2007)	

This list shall be modified if any additional SWMUs or AOCs are discovered or reported after the effective date of this Permit and the NMED determines that additional investigation of such SWMU or AOC is necessary.

**TABLE F-2
 SWMUs & AOCs
 CORRECTIVE ACTION COMPLETE WITH CONTROLS**

UNIT ID NUMBER	UNIT DESCRIPTION	NOTES
SWMU 10	Firewater Pond	Groundwater Monitoring – (included with Facility-wide groundwater monitoring)

**TABLE F-3
 SWMUs & AOCs
 CORRECTIVE ACTION COMPLETE WITHOUT CONTROLS**

UNIT ID NUMBER	UNIT DESCRIPTION	NOTES
SWMU 3	Truck Bypass Landfarm	
SWMU 6	Drum Storage Area	
SWMU 9	Neutralization Sump	
SWMU 13	Ruptured Pipe	
SWMU 14	Diesel Fuel Spill	
SWMU 15	Asphalt Storage Tank	

**TABLE F-4
 HAZARDOUS WASTE MANAGEMENT UNITS (HWMUs)**

UNIT ID NUMBER	UNIT DESCRIPTION	NOTES
SWMU 1 - EPs	Evaporation Ponds (EPs) 1, 2, 3, 5, and 6	Closure not complete
SWMU 6 - NCL	North Colony Landfarm (NCL)	Post-Closure Care
SWMU 8 - TEL	Tetra Ethyl Lead (TEL) Impoundment	Post-Closure Care