

# SECTION L

## SOLID WASTE MANAGEMENT UNITS

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# SECTION L

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# SECTION L

## SOLID WASTE MANAGEMENT UNITS

### L-1 Introduction

5 This section provides information on the past and present Solid Waste Management Units (SWMUs) at the Facility in accordance with 40 CFR 270.14(d) and ADEM Administrative Code Rule 335-14-8-.02(5)(d). Additional details of the SWMUs at the Facility are presented in Sections B, D-1, D-2, D-6, and D-9 of the RCRA Part B Permit Application and the 2021 RCRA Facility Assessment (RFA).

10 A list of current and historical SWMUs is presented in Table L-1. Each listed SWMU is also identified by a SWMU status, general notes regarding the SWMU status (where applicable), and the associated Section L figure that presents the SWMU location.

15 The status of each SWMU is based on the definition of a SWMU as provided by the June 23, 2021 RFA. ADEM defines a SWMU as any unit, which has been used for the treatment, storage, or disposal of solid waste at any time, irrespective of whether the unit is or ever was intended for the management of solid waste. RCRA regulated hazardous waste management units are also solid waste management units. SWMUs include areas that have been contaminated by routine and systematic releases of hazardous waste or hazardous constituents, excluding one-time  
20 accidental spills that are immediately remediated and cannot be linked to solid waste management activities.

### L-2 Pre-RCRA Land Disposal Units

25 The Facility began operations on May 4, 1977 under a "Permit to Construct and Operate a Hazardous Waste Disposal Facility" issued by the Alabama Department of Public Health. Waste was first placed in Trench T-1 on August 22, 1977. On February 10, 1978, pursuant to changes in state law, the Facility received Hazardous Waste Disposal Permit No. 78-1, as issued by the Alabama Department of Public Health. The following subsections describe the land disposal units that were constructed at the Facility during the period from 1977 until the effective date of the RCRA regulations (i.e., November 19, 1980).

#### L-2a Trenches T-1 and T-3

30 Trenches T-1 and T-3 were constructed by excavating into the natural un-weathered chalk at the Facility. Both trenches are rectangular in shape, having the general dimensions of 50 feet by 800 feet, and both have an average depth of waste of approximately 25 feet. The trenches were constructed with nearly vertical sides along their 800 feet length and were ramped to the natural  
35 ground surface at the two ends (i.e., along their 50 feet width). Waste delivery vehicles normally

entered the trenches from the southern end and exited through the northern end. The bottoms of the trenches were compacted by equipment movement within the trenches prior to waste placement and were constructed to slope at approximately 3% in a northwardly direction along their length. The approximate elevation of the lowest points in the bottoms of the trenches is 172 ft. MSL. Trench T-1 was completed in December of 1977, and Trench T-3 was completed in June of 1978. At the time of completion, both trenches were closed with a compacted chalk cap of at least five (5) feet thick. Currently both trenches are covered with approximately seven (7) to twenty-five (25) feet of chalk (depending on the location along the length of the trenches), the surface of which is paved with asphalt and used as a parking area (i.e., a portion of parking area PK-700). Container Management Unit 702 and former Tank Farm No. 2 are situated atop portions of the northern parts of the trenches as shown on Figure L-1. A RCRA Facility Investigation dated July 2000 documented a likely contamination of groundwater between the limits of the trenches and a cutoff wall due to migration of groundwater which was in contact of waste within the trenches.

**L-2b Trenches T-4, T-5, T-6, and T-7**

Trenches T-4, T-5, T-6, and T-7 were constructed by excavating into the natural un-weathered chalk. These trenches are rectangular in shape, having the following approximate general dimensions:

	<b>Length</b>	<b>Width</b>	<b>Waste Depth</b>	<b>Bottom Elevation</b>	<b>Chalk Cover Thickness*</b>
Trench T-4	310 feet	130 feet	35 feet	158' MSL	18 feet
Trench T-5	340 feet	110 feet	41 feet	159' MSL	15 feet
Trench T-6	360 feet	130 feet	41 feet	134' MSL	23 feet
Trench T-7	350 feet	175 feet	40 feet	146' MSL	23 feet

\* Approximate chalk cover thickness as of February of 1984.

The bottoms of the trenches were constructed to slope at a rate of at least 1% towards the eastern end of the trenches. Trench T-4 was completed in December of 1978, Trench T-5 in June of 1979, Trench T-6 in May of 1979, and Trench T-7 in August of 1979. At the time of completion, the trenches were closed with a compacted chalk cap of at least five (5) feet. Currently the trenches are covered with a thickness of chalk as described above. The surfaces of Trenches T-4 and T-5 are covered by an asphalted parking area and Buildings 401, 402, and 404. Trenches T-6 and T-7 are covered by a graveled parking area PK-400. Along the south side of each of the four (4) trenches ramps provided access into the trenches from the western edge. A portable dock was positioned along the western edge of each trench near the access ramp and was used to unload van trailers that transported drums. Once unloaded, the drums were transferred into the trench by front-end loaders that were equipped with extended buckets. The surficial limits for

the portable dock and access ways into the trenches extended approximately 150 feet beyond the western edge of the trenches. The locations of these trenches are shown on Figure L-1. As stated above, A RCRA Facility Investigation dated July 2000 documented a likely contamination of groundwater between the limits of the trenches and a cutoff wall due to migration of groundwater which was in contact of waste within the trenches.

### L-2c Trenches T-8, T-9, and T-10

Trenches T-8, T-9, and T-10 were constructed by excavating into the natural un-weathered chalk. These trenches are rectangular in shape, having the following approximate general dimensions:

	<b>Length</b>	<b>Width</b>	<b>Waste Depth</b>	<b>Bottom Elevation</b>	<b>Chalk Cover Thickness*</b>
Trench T-8	350 feet	180 feet	40 feet	169' MSL	40 feet
Trench T-9	270 feet	300 feet	40 feet	184' MSL	40 feet
Trench T-10	535 feet	310 feet	72 feet	174' MSL	40 feet

\* Approximate chalk cover thickness as of February of 1984.

The bottoms of the trenches were constructed to slope at a rate of at least 1%. The bottom of Trench T-8 slopes in a southern direction, Trench T-9 in an eastern direction, and Trench T-10 in a northern direction. Trench T-8 was completed in August of 1978, Trench T-9 in January of 1980, and Trench T-10 in June of 1980. Along the west side of each of the three trenches, ramps provided access into the trenches. A portable dock was positioned along the western edge of each trench near the access ramp and was used to unload van trailers that transported drums. Once unloaded, the drums were transferred into the trench by front-end loaders. The surficial limits for the portable dock and access ways into the trenches extended approximately 150 feet beyond the western edge of the trenches. On the eastern limits of Trench T-9, at the top of the trench, there were two portable tanks that were used to accumulate aqueous waste and liquids containing less than 500 ppm PCBs. Liquids from these tanks were conveyed by hoses to the in-trench solidification processes. The surficial limits for the tanks and access to the tanks for unloading extended approximately 100 feet beyond the eastern edge of Trench T-9. The locations of the trenches are shown on Figure L-1. No releases from these trenches during operation or after closure were recorded.

### L-2d Lagoon L-3, L-4, and L-5

Lagoons L-3, L-4, and L-5 were constructed by excavating into the natural un-weathered chalk. The trenches are rectangular in shape and have near vertical sloping side walls and nearly flat bottoms. The general dimensions of the lagoons are as follows:

	<b>Length</b>	<b>Width</b>	<b>Waste Depth</b>
Lagoon L-3	290 feet	66 feet	15 feet
Lagoon L-4	290 feet	65 feet	15 feet
Lagoon L-5	370 feet	55 feet	10 feet

The lagoons were used as evaporation/equalization ponds and received neutralized liquid wastes from Lagoons L-1 and L-2 and surface water pumped from the active landfill trenches. Tanker trucks delivering liquid wastes to the lagoons were unloaded along the western ends of the lagoons. Lagoons L-3 and L-4 were constructed in 1977, and Lagoon L-3 was closed in August of 1980, and Lagoon L-4 was closed in March of 1980. Lagoon L-5 was constructed in 1979 and was closed in March of 1980. At the time of closure of these lagoons, the liquids and sludge therein were solidified in-place with cement kiln dust, and the lagoons were covered with a compacted chalk cap of at least five (5) feet thick. The locations of the lagoons are shown on Figure L-1. No releases from these lagoons during operation or after closure were recorded.

### **L-3 Land Disposal Units For Which A Post-Closure Permit Is Required**

Post-closure activities for the SWMUs for which a Post-Closure Permit is required are provided in Section I of the RCRA Part B Permit Application and are briefly summarized in the following subsections.

Trenches T-11, T-12, T-12A, T-13, T-13A, T-14, T-15, and T-16 did not receive wastes after July 26, 1982, but were not certified closed until after January 26, 1983. Trenches T-15, T-16, T-17, T-18, T-19 T-20, T-21, T-22, and T-23 have or will receive waste after July 26, 1982 and certified closed after January 26, 1983. Therefore, a Post-Closure Permit is required for these seventeen (17) existing solid waste management units.

In addition, there are three (3) lagoons that also require a Post-Closure Permit. These units are the Incinerator Scrubber Blowdown Caustic Lagoon which was exhumed in March of 1984, and Lagoons L-1 and L-2 which were exhumed in April of 1984.

#### **L-3a Trenches T-11, T-12, T-12A, T13, T-13A, T-14, T15 and T-16**

Trenches T-11, T-12, T-12A, T13, T-13A, T-14, T15 and T-16 were constructed by excavating into the natural un-weathered chalk. These trenches are rectangular in shape, having the following approximate general dimensions:

	<b>Length</b>	<b>Width</b>	<b>Waste Depth</b>	<b>Bottom Elevation</b>	<b>Chalk Cover Thickness*</b>
Trench T-11	450 feet	300 feet	64 feet	176' MSL	40 feet
Trench T-12	500 feet	330 feet	74 feet	148' MSL	39 feet
Trench T-12A	320 feet	270 feet	60 feet	162' MSL	35 feet
Trench T-13	540 feet	340 feet	89 feet	93' MSL	55 feet
Trench T-13A	360 feet	200 feet	40 feet	140' MSL	50 feet
Trench T-14	540 feet	310 feet	81 feet	143' MSL	10 feet
Trench T-15	500 feet	380 feet	90 feet	95' MSL	20 feet
Trench T-16	640 feet	430 feet	66 feet	115' MSL	15 feet

\* Approximate chalk cover thickness as of February of 1984.

The sides of the trenches were constructed with sharply sloping sides. The bottoms of the trenches were constructed to slope at a rate of at least 1%. The general direction of the slope of the bottoms of the trenches, the side of the trench at which the access ramp was located, and the end of the trench where access was provided are summarized as follows:

	<b>Bottom Slopes</b>	<b>Ramp Side</b>	<b>Access End</b>
Trench T-12	Southwardly	West	South
Trench T-12A	Westwardly	South	West
Trench T-13	Eastwardly	South	East
Trench T-13A	Eastwardly	South	East & West
Trench T-14	Eastwardly	North	East
Trench T-15	Northwardly	East	North
Trench T-16	Eastwardly	North	East

Trench T-11 was completed and closed in February of 1981, Trench T-12 in January of 1981, Trench T-12A in January of 1981, Trench T-13 in September of 1981, Trench T-13A in September of 1981, T-14 in March of 1982, T-15 in February of 1982, and Trench T-16 in June of 1982. At the time of completion, the trenches were closed with a compacted chalk cap. The depth of chalk cover atop each trench is provided above. To reduce the long-term maintenance of these trenches, the Facility installed composite soil and geomembrane covers over the chalk caps in 1986. The composite soil and geomembrane covers were installed in six (6) modules. Module I included Trenches T-10 and T-11; Trenches T-12 and T-12A comprised Module II; Trenches T-8 and T-9 were in Module III; Trenches T-13, T-13A, and T-14 formed Module IV; Trench T-15 was Module V; and Module VI was Trench T-16. The locations of the trenches are shown on Figure L-1. No releases from these trenches during operation or after closure were recorded.



### L-3b Trenches T-17 and T-18

Trenches 17 and 18 are located to the north of the Wheel Wash Unit 900 and to the east of the Laboratory Unit 708. These trenches were constructed by excavating into the natural un-weathered chalk. These trenches are rectangular in shape, having the following approximate general dimensions:

	<b>Length</b>	<b>Width</b>	<b>Waste Depth</b>	<b>Bottom Elevation</b>	<b>Chalk Cover Thickness</b>
Trench T-17	500 feet	240 feet	51 feet	145' MSL	10 feet
Trench T-18	610 feet	505 feet	112 feet	77' MSL	11 feet

The bottoms of the trenches were constructed to slope at approximately 5%. The general direction of the slope of the bottom of Trench T-17 is to the south side, and in Trench T-18 the bottom slopes to the north side. The trenches were constructed with sloping sides. Along the north and east side of Trench T-17 and along the west and south side of Trench T-18, ramps connected the bottoms of the trenches to the natural ground surface. Waste delivery vehicles entered the trenches from the western side. A portable dock was positioned along the western edge of each trench near the access ramp and was used to unload van trailers that transported drums. Once unloaded, the drums were transferred into the trenches by front-end loaders. The surficial limits for the portable dock and access ways into the trenches extended approximately 150 feet beyond the western edge of each trench. Trench T-17 was completed in October of 1983 and Trench T-18 in March of 1985. At the time of completion, the trenches were closed with a compacted chalk cap. To reduce the long-term maintenance of these trenches, the Facility installed a composite soil and geomembrane cover over the chalk caps and certified the units as closed in 1986. This composite soil and geomembrane cover was installed over both trenches as one module. The locations of the trenches are shown on Figure L-1, and additional information regarding the post-closure activities for these trenches is provided in Section I of this Application. No releases from these trenches during operation or after closure were recorded.

### L-3c Trench T-19

Trench T-19 is located to the north of Trench 18. The trench was constructed by excavating into the natural un-weathered chalk and installing a composite liner consisting of a three (3) feet layer of recompacted chalk overlaid by a geomembrane liner and a leachate collection and removal system. The trench is rectangular in shape, having the general dimensions of 400 feet in length and 320 feet in width. The depth of waste in the trench is approximately 30 feet, and the bottom of the trench is at an approximate elevation of 131 ft. MSL. The bottom of the trench was constructed to slope at a rate of at least 1% and in a westwardly direction. The trench was constructed with sides that slope at approximately 12%, and along the north side of the trench there was a ramp connecting the bottom of the trench to the natural ground surface. Waste

delivery vehicles entered the trench from the west side of the trench. A portable dock was positioned along the west side of the unit and was used to unload van trailers that transported drums. Once unloaded, the drums were transferred into the trenches by front-end loaders. Trench T-19 was completed in June of 1985. At the time of completion, the trench was closed with a compacted chalk cap. In 1986 the Facility installed a composite soil and geomembrane cover over the trench and certified the unit as closed. The location of the trench is shown on Figure L-1, and additional information regarding the post-closure activities for this trench is provided in Section I of this Application. No releases from this trench during operation or after closure were recorded.

### **L-3d Trench T-20**

Trench 20 is located adjacent to the east side of Cells 1 and 2 of Trench 21. The trench was constructed by excavating into the natural un-weathered chalk and is rectangular in shape, having the general dimensions of 620 feet in length and 520 feet in width. The depth of waste in the trench is approximately 107 feet, and the bottom of the trench is at an approximate elevation of 101 ft. MSL. The bottom of the trench was constructed to slope at approximately 5% in a northern direction. The trench was constructed with sloping sides (sloping at approximately 1:1.4 on the south side and 1:3.75 on the other sides). Along the north and west sides, and along the east and south sides of the trench two separate ramps connected the bottom of the trench to the natural ground surface. Waste delivery vehicles entered the trenches from the north side at the northwest corner of the trench. The Super Dock (see Subsection L-5c), located to the north of the unit, was used to unload van trailers that transported drums. Once unloaded, the drums were transferred into the trench by front-end loaders. Trench T-20 was completed in May of 1985. At the time of completion, the trench was closed with a compacted chalk cap. In 1986 the Facility installed a composite soil and geomembrane cover over the chalk cap and certified the unit as closed. The location of the trench is shown on Figure L-1, and additional information regarding the post-closure activities for this trench is provided in Section I of this Application. No releases from this trench during operation or after closure were recorded.

### **L-3e Trench T-21**

Trench T-21 is located to the south of Trenches T-15 and T-16 and west of Trench T-20. The trench was constructed with a double synthetic liner and an extensive leachate collection and withdrawal system. This disposal unit was constructed in 1985, and was managed in accordance with the requirements of the Part B Permit issued by Region IV of the USEPA and ADEM Interim Status. Trench T-21 consists of four (4) below grade cells and two (2) above grade modules. The location of the trench is shown on Figure L-1. No releases from this unit have been recorded during its operation or after closure.

### **L-3f Trench T-22**

Trench T-22 is located to the east of Trench T-21 (Cells 3 and 4) and south of Trench T-20. The trench was constructed with a double synthetic liner and an extensive leachate collection and withdrawal system. This disposal unit was constructed in 1998, and since that time it has been managed in accordance with the requirements of the Part B Permit issued by Region IV of the USEPA and ADEM. Trench T-22 consists of four (4) cells. Trench T-22 is currently the only active disposal unit at the Facility. The location of the trench is shown on Figure L-1, and additional information regarding the closure of Trench 22 is provided in Section I of this Application. No releases from this unit have been recorded during its operation.

### **L-3g Trench T-23**

Trench T-23 is located to the east of Unit 1200A and north of Trench T-22. This disposal unit is currently planned and will be managed in accordance with the requirements of the Part B Permit issued by Region IV of the USEPA and ADEM. Trench T-23 will consist of six (6) cells. The location of the trench is shown on Figure L-2, and additional information regarding the closure of Trench 23 is provided in Section I of this Application.

### **L-3h Incinerator Scrubber Blowdown Caustic Lagoon**

The Incinerator Unit, including the Incinerator Scrubber Blowdown Caustic Lagoon (i.e., surface impoundment) was located adjacent to the west side of former Tank Farm No. 1 (Unit 500). The Incinerator Unit was first placed into service in 1979 and was used to incinerate liquid organic wastes. The unit consisted of a tank system (comprised of six tanks, T-501 through T-506), a short rotation kiln, an un-fired secondary combustion chamber (comprised of two rectangular compartments joined by ducts), a quenching caustic scrubber, an induced draft blower, a fiberglass stack and an earthen scrubber blowdown caustic lagoon which was used for the cooling and neutralization of the acidic scrubber salts.

The Incinerator Unit was clean-closed in accordance with an ADEM-approved Closure Plan (dated December 20, 1983) by draining all waste feed pumps and piping and flushing with diesel fuel, burning out any residual organic waste within the combustor while firing with diesel fuel, flushing ash residues from the caustic scrubber system with fresh caustic and water rinses, decontaminating any salvageable equipment, and disposing of the unsalvageable equipment in one of the disposal trenches at the Facility. The tank system that served the Incinerator Unit was a part of Tank Farm No. 1 (Unit 500) which was certified and approved by ADEM as clean closed in 1995. The components of the incinerator were dismantled and disposed in Trench 20. The only piece of salvageable equipment was the scrubber chamber, which remains at the Facility.

The Incinerator Scrubber Blowdown Caustic Lagoon received only the effluent from the air pollution control device on the incinerator system. The effluent (i.e., blowdown) generated by the

scrubber system exhibited the characteristics of corrosivity and toxicity. The lagoon was constructed by excavating into the natural un-weathered chalk and had the general dimensions of approximately 180 feet in length, 35 feet in width, and 7.5 feet in depth, with an additional 3 feet of freeboard. The bottom elevation of the lagoon is at approximately 187 ft. MSL. The lagoon was taken out of service in December of 1983. At the time of closure, the liquids in the lagoon were solidified, removed, and disposed in Trench 20. The base of the earthen scrubber blow-down caustic lagoon was also exhumed and disposed in Trench 20. After excavation, the base of the lagoon was sampled to confirm that all contamination had been removed and then backfilled with compacted chalk and sloped to drain. No releases from this unit during operation were recorded. The unit was closed in March of 1984.

In order to meet ADEM-required closure activities requested in 1999, the lagoon was excavated to a minimum of 1.5 feet below existing grade and a liner closure cover system was installed to cap the lagoon.

The lagoon cap system provided the following closure performance standards as set forth in the ADEM Administrative Code Rule 335-14-5-.14(11)(a):

- Provide long-term minimization of migration of liquids into and through the closed unit;
- Function with minimum maintenance;
- Promote drainage and minimize erosion or abrasion of the cover;
- Minimize and accommodate settling and subsidence so that the cover's integrity is maintained; and
- Have a permeability less than or equal to the permeability of any bottom liner system or natural sub-soils present (whichever is less).

Information on the post-closure activities required for the Incinerator Scrubber Blowdown Caustic Lagoon is provided in Section I of the RCRA Part B Permit Application.

### **L-3i Lagoons L-1 and L-2**

Lagoons L-1 and L-2 (i.e., surface impoundments) were located north of existing Facility Maintenance Unit 606 and directly beneath the current location of the Container Management Unit 406. These lagoons were placed in service in April of 1978 and received waste until 1979; however, the unit was not closed until April of 1984. One of the lagoons was used for the management of acidic waste and the other for alkaline waste. In addition to these corrosive wastes, these lagoons were also used to manage reactive and toxicity characteristics wastes. The lagoons were constructed by excavating into the natural unweathered chalk. Lagoon L-1 was

approximately 290 feet in length, 75 feet in width, and 6.5 feet in depth, with an additional 3 feet of free board. The approximate bottom elevation of Lagoon L-1 was 211 ft. MSL and Lagoon L-2 was 208 ft. MSL. Tanker trucks delivering liquid wastes to the lagoons were unloaded along the western ends of the lagoons. Both Lagoons L-1 and L-2 were closed in accordance with an ADEM approved Closure Plan. Liquids from the lagoons were solidified and disposed in one of the trenches at the Facility. The bases of the earthen lagoons were also exhumed and disposed in one of the trenches at the Facility. After excavation, the bases of the lagoons were sampled to confirm that all contamination had been removed and then backfilled with compacted chalk and the surface sloped to drain. Analysis of the final confirmation samples indicated that all contamination had been removed to below detectable limits except for Aroclor 1260 (i.e., PCBs), which was reported at 2.2 mg/kg in one of the samples and at lesser concentrations in five (5) other confirmation samples. Additional excavation was performed after this sampling event.

In order to meet ADEM-required closure activities requested in 1999, the lagoons were excavated a minimum of 1.5 feet below existing grade and a liner closure cover system was installed to cap lagoons.

The lagoon cap system provided the following closure performance standards as set forth in the ADEM Administrative Code Rule 335-14-5-.14(11)(a).;

- Provide long-term minimization of migration of liquids into and through the closed unit;
- Function with minimum maintenance;
- Promote drainage and minimize erosion or abrasion of the cover;
- Minimize and accommodate settling and subsidence so that the cover's integrity is maintained; and
- Have a permeability less than or equal to the permeability of any bottom liner system or natural sub-soils present (whichever is less).

Information on the post-closure activities required for Lagoons L-1 and L-2 is provided in Section I of the RCRA Part B Permit Application.

#### **L-4 Units Currently Undergoing Closure**

There are currently no units undergoing closure.

## L-5 Other Units for Which Clean Closure Has Been Completed

Other SWMUs at the Facility that have also been clean-closed are listed below and discussed in the following subsections.

- 5           • Outdoor Container Storage Areas CS-13/CS-14 and CS-15;
- Tanks D-1, 2, 3, and 4;
- Super Dock / PCB tanks;
- Tank System B and C;
- Tank Farm No. 1;
- 10          • Tank Farm No. 2;
- Batch Stabilization and Tank Management Unit 1200;
- Mechanical Stabilization and Tank Management Unit 1100;
- Lagoons L-6 and L-7 (also identified in later years as Surface Impoundment L-3);  
          and
- 15          • Truckwash Impoundment.

### L-5a Outdoor Container Storage Area CS-13/CS-14 and CS-15

Starting in April of 1982, there were two temporary storage areas atop completed Trenches T-13/T-14 and T-15 that were used to temporarily store containers, primarily drained PCB  
20 transformers, prior to disposal. One of the areas, Outdoor Container Storage Area CS-13/CS-14, was atop completed Trenches T-13 and T-14, and the other area, Outdoor Container Storage Area CS-15, was adjacent to the north side of Trench T-15. These two areas were closed in May of 1983. No releases from these areas during operation or after closure were recorded.

### L-5b Tanks D-1, 2, 3, and 4

25 The Storage Tanks D-1, D-2, D-3, and D-4 were located at the northeast corner of Container Management Unit 700 within the existing reinforced concrete secondary spill containment system for the Organic Tank Management Unit 703. The storage tanks were above-ground horizontal steel tanks within a reinforced concrete secondary spill containment system. Each of the tanks had an approximate capacity of 25,000 gallons. The tanks received decanted liquids and sludge  
30 from Unit 700. The piping which transferred liquids from Unit 700 to the tanks was contained by the reinforced concrete secondary spill containments for Unit 700 and the tank system. The tanks were clean-closed in 1984 in accordance with ADEM-approved procedures. The liquids and sludge were removed from the tank system, and the tanks, piping, and ancillary equipment were

flushed prior to being dismantled and disposed in one of the trenches at the Facility. The reinforced concrete secondary spill containment system was washed and cleaned prior to being retrofitted for use as Tank Management Unit 703. All tanks from Unit 703 have since been decommissioned and removed from the Unit. No releases were recorded from these tanks during operation or after closure.

### **L-5c Super Dock / PCB Tanks**

The Super Dock / PCB Tanks consisted of a covered and contained reinforced concrete dock/unloading pad and two horizontal tanks within earthen secondary spill containment. The unit was located adjacent to the east side and near the southeast corner of Trench T-16 and was clean-closed in accordance with an approved Closure Plan (dated November 1985). Closure of the tank system was accomplished by draining all waste from the pumps and piping and flushing them with diesel fuel and disposing the tanks and piping in Cell 2 of Trench T-21 at the Facility. The concrete dock and the soil under the dock and in a radius of 50 feet of the dock for a depth of 12 inches was removed and disposed in Cell 2 of Trench T-21. The area was then sampled and analyzed to confirm that all contamination, if any, had been removed. The location of Super Dock/PCB Tanks is shown on Figure L-3. No releases were reported from this unit during operation or after closure.

### **L-5d Tank System B and C**

The Leachate Storage Tanks B and C were located south of closed Trench 20 and east of Cell 3 of Trench 21. The storage tanks were above-ground, in an earthen secondary spill containment system. Tank B had an approximate capacity of 14,000 gallons and Tank C approximately 15,900 gallons. The tanks were only used to manage leachate from Trench 21. The piping used to transfer liquids from the trench to the tanks and from the tanks to Tank Farm No. 4 (Unit 1400) was contained by a dual piping system. The tanks were clean-closed in accordance with an ADEM-approved Closure Plan. Liquids and sludge were removed from the tanks and transferred to Unit 1200, where they were treated prior to disposal in Trench 21. The tanks were dismantled and disposed along with the piping and ancillary equipment. The earthen secondary spill containment system was exhumed and disposed in Trench 21. After excavation, the base was sampled to confirm that all contamination had been removed and then backfilled with compacted chalk and sloped to drain. The unit was certified closed in August of 1990. No releases from this unit during operation or after closure were recorded.

### **L-5e Tank Farm No. 1**

Tank Farm No. 1 (Unit 500) was located in the Northwestern portion of the active Facility. The approved interim status tank farm was comprised of (twelve) (12) RCRA tanks and four (4) TSCA tanks. All of the tanks in Tank Farm No. 1 were carbon steel, vertical wall tanks with fixed roofs, flat or conical bottoms and were designed and constructed in accordance with API 620 or API

650. The twelve RCRA tanks had a collective capacity of 120,379 gallons. The TSCA tanks had a collective capacity of 815,056 gallons. The waste stored in the RCRA tanks were primarily derived fuels and the waste stored in the TSCA tanks were primarily PCB wastes. Ancillary equipment to the tank system included Loading/Unloading Station No. 2, pumps, agitators, piping, fittings, flanges, level indicators and valves. The majority of the floor area was earthen (i.e., compacted chalk). The unit was cleaned closed in accordance with an ADEM-approved and EPA approved Closure Plan. Liquids and sludges were removed from the tanks and shipped off-site for treatment or disposal. The tanks were dismantled and disposed along with the piping and ancillary equipment in Trench 21 as hazardous debris. The earthen secondary containment material was excavated and disposed in Trench 21. After excavation, the base was sampled to confirm that all contamination had been removed and then backfilled, vegetated and sloped to drain. The unit was certified closed in September of 1995. ADEM approved the certification on September 29, 1995.

### **L-5f Tank Farm No.2**

Tank Farm No. 2 was a RCRA/TSCA located north of Unit 702 in the Northwestern portion of the active Facility. PCB waste was stored in five (5) waste storage tanks and PCB contaminated rainwater was stored in a Frac Tank located within the tank farm. All of the tanks in Tank Farm No. 2 were carbon steel, vertical wall tanks with fixed roofs, flat or conical bottoms. The five tanks and one Frac Tank had a collective capacity of 1,534,545 gallons. The waste stored in the tanks contained PCB's as regulated under 40 CFR 761 Subpart D, and which have also been determined to meet the definition for the following RCRA characteristics waste codes: D006, D007, D008, D018, D019, D020, D021, D022, and D026 through D043. Ancillary equipment to the tank system included one covered loading station, abandoned load station pumps, piping systems, carbon adsorbers, tank level control systems and other appurtenances. The floor area was comprised of compacted native chalk that generally sloped from the southwest corner to the northeastern most corner of the tank farm. The perimeter containment berm surrounding the tank farm was also comprised of compacted chalk. Liquids and sludges were removed from the tanks and shipped off-site for disposal. The tanks were dismantled and disposed along with the piping and ancillary equipment in Trench 21 as hazardous debris. The earthen secondary containment material was excavated and disposed in Trench 21. After excavation, the base of the farm was sampled to confirm that all contamination had been removed and then backfilled, vegetated and sloped to drain. The unit was certified closed in September of 1995. ADEM approved the certification on October 19, 1995.

### **L-5g Batch Stabilization and Tank Management Unit 1200**

The closure plans on this unit are on file with EPA and ADEM, and have been approved.



## **L-5h Mechanical Stabilization and Tank Management Unit 1100**

The closure plans on this unit are on file with EPA and ADEM, and have been approved.

### **L-5i Lagoons L-6 and L-7**

Lagoons L-6 and L-7 (i.e., surface impoundments) were located north of existing Container Management Unit 700. They were constructed by excavating into the natural un-weathered chalk. These lagoons were surrounded by an elevated earthen berm and on the interior had a shorter center dividing berm. When the lagoons were at capacity, they appeared as one impoundment, and in later years they were referred to as Impoundment No. 3. One of the lagoons was used primarily for the management of acidic waste and the other for alkaline waste. Both Lagoons L-6 and L-7 were closed in January of 1988 and certified clean-closed in 1989 in accordance with an ADEM-approved Closure Plan. Liquids from the lagoons were treated and disposed in one of the landfill trenches at the Facility. The bases of the earthen lagoons were also exhumed and disposed in the landfill. After excavation, the bases of the lagoons were sampled to confirm that all contamination had been removed and then backfilled with compacted chalk and sloped to drain. The lagoons (i.e., Surface Impoundment No. 3) were certified clean-closed in 1989 by Golder Associates, and on March 1, 1990, ADEM notified the Facility of their acceptance of this certification. Information on the closure activities for these lagoons (i.e., Surface Impoundment No. 3) is currently on file with ADEM.

### **L-5j Truckwash Impoundment**

The truckwash pad and surface impoundment was located east of the existing Container Management Unit 406 and directly under the current location of the Laboratory Unit 708. The truckwash consisted of a concrete pad and a concrete retaining wall at the edge of an earthen surface impoundment. The truckwash was used from January of 1980 until it was closed in 1989. Both the concrete pad and the surface impoundment were clean-closed in accordance with an ADEM approved Closure Plan. Liquids from the impoundment were solidified and disposed in one of the landfill trenches at the Facility. The concrete pad, retaining wall, foundations and base of the earthen impoundment were exhumed and disposed in one of the trenches at the Facility. After excavation, the base was sampled to confirm that all contamination had been removed and then backfilled with compacted chalk and the surface sloped to drain. The Truckwash Impoundment was certified clean-closed in 1989 by Golder Associates, and on March 1, 1990, ADEM notified the Facility of their acceptance of this certification. Information on the closure activities for this impoundment is currently on file with ADEM.

[End of Section L Text]

**SECTION L**  
**SOLID WASTE MANAGEMENT UNITS**

**TABLES**

**TABLE L-1  
SOLID WASTE MANAGEMENT UNIT SUMMARY  
CHEMICAL WASTE MANAGEMENT, INC.  
EMELLE, ALABAMA FACILITY**

This table presents current and historical SWMUs. An SWMU status of "Active" indicates SWMUs that are currently used for treatment, storage, or disposal of solid waste or hazardous waste, or areas that have been contaminated by routine and systematic releases of hazardous waste or hazardous constituents, excluding one-time spills that are immediately remediated. An SWMU status of "Inactive" indicates units that are no longer used for the management of solid or hazardous waste, or have been clean closed, removed from service, and/or operationally discontinued. An SWMU status of "N/A" indicates units that were historically considered to be an SWMU, but do not meet ADEM's definition of an SWMU.

<b>SWMU ID</b>	<b>Description</b>	<b>SWMU Status</b>	<b>Notes</b>	<b>Reference Drawing(s)</b>
1	Landfill Trenches			
A	Trench T-1	Active	Closed December 1977 (Pre RCRA)	L-2
B	Trench T-3	Active	Closed June 1978 (Pre RCRA)	L-2
C	Trench T-4	Active	Closed December 1978 (Pre RCRA)	L-2
D	Trench T-5	Active	Closed June 1979 (Pre RCRA)	L-2
E	Trench T-6	Active	Closed May 1979 (Pre RCRA)	L-2
F	Trench T-7	Active	Closed August 1979 (Pre RCRA)	L-2
G	Trench T-8	Active	Closed June 1980 (Pre RCRA)	L-2
H	Trench T-9	Active	Closed January 1980 (Pre RCRA)	L-2
I	Trench T-10	Active	Closed June 1980 (Pre RCRA)	L-2
J	Trench T-11	Active	Closed February 1981	L-2
K	Trench T-12	Active	Closed January 1981	L-2
L	Trench T-12A	Active	Closed January 1981	L-2
M	Trench T-13	Active	Closed September 1981	L-2
N	Trench T-13A	Active	Closed September 1981	L-2
O	Trench T-14	Active	Closed March 1982	L-2
P	Trench T-15	Active	Closed August 1982	L-2
Q	Trench T-16	Active	Closed June 1983	L-2
R	Trench T-17	Active	Closed October 1983	L-2
S	Trench T-18	Active	Closed March 1985	L-2
T	Trench T-19	Active	Closed June 1985	L-2
U	Trench T-20	Active	Closed May 1985	L-2
V	Trench T-21	Active	Closed 1998	L-2
W	Trench T-22	Active	Active landfill trench	L-2
X	Trench T-23	N/A	Proposed landfill trench under construction and likely to receive waste during permit cycle	L-2
2	Sedimentation Basins			
A	Sedimentation Basin 1	N/A		L-2
B	Sedimentation Basin 2	N/A		L-2
C	Sedimentation Basin 3 & 4	N/A		L-2
D	Sedimentation Basin 5	N/A		L-2
E	Sedimentation Basin 6	N/A		L-1
F	Sedimentation Basin 7	N/A		L-2
G	Sedimentation Basin 8	N/A		L-2

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<b>SWMU ID</b>	<b>Description</b>	<b>SWMU Status</b>	<b>Notes</b>	<b>Reference Drawing(s)</b>
H	Sedimentation Basin 11	N/A		L-2
I	Sedimentation Basin 12	N/A		L-2
J	Sedimentation Basin 13	N/A		L-1
3	Waste Storage Tanks			
A	Tank T-501	Inactive	Clean closure completed September 1995	L-3
B	Tank T-502	Inactive	Clean closure completed September 1995	L-3
C	Tank T-504	Inactive	Clean closure completed September 1995	L-3
D	Tank T-507	Inactive	Clean closure completed September 1995	L-3
E	Tank T-508	Inactive	Clean closure completed September 1995	L-3
F	Tank T-509	Inactive	Clean closure completed September 1995	L-3
G	Tank T-510	Inactive	Clean closure completed September 1995	L-3
H	Tank T-511	Inactive	Clean closure completed September 1995	L-3
I	Tank T-512	Inactive	Clean closure completed September 1995	L-3
J	Tank T-513	Inactive	Clean closure completed September 1995	L-3
K	Tank T-514	Inactive	Clean closure completed September 1995	L-3
L	Tank T-515	Inactive	Clean closure completed September 1995	L-3
M	Tank T-520	Active		L-520
N	Tank T-601	Inactive	Clean closure completed September 1995	L-3
O	Tank T-602	Inactive	Clean closure completed September 1995	L-3
P	Tank T-603	Inactive	Clean closure completed September 1995	L-3
Q	Tank T-604	Inactive	Clean closure completed September 1995	L-3
R	Tank T-605	Inactive	Clean closure completed September 1995	L-3
S	Frac Tank	Inactive	Clean closure completed September 1995	L-3
T	Tank T-634	Active		L-600
U	Tank T-635	Active		L-600
V	Tank T-636	Active		L-600
W	RESERVED	N/A	Historical SWMU does not exist	N/A
X	Tank T-638	Inactive	Clean closure completed September 1995	L-3
Y	Tank T-639	Inactive	Clean closure completed September 1995	L-3
Z	Tank T-711	Inactive	Clean closure completed September 1995	L-3
AA	Tank T-712	Inactive	Clean closure completed September 1995	L-3
BB	Tank T-714	Inactive	Closure completed March 2001	L-3
CC	Tank T-715	Inactive	Closure completed March 2001	L-3
DD	Tank T-716	Inactive	Closure completed March 2001	L-3

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<b>SWMU ID</b>	<b>Description</b>	<b>SWMU Status</b>	<b>Notes</b>	<b>Reference Drawing(s)</b>
EE	Tank T-717	Inactive	Closure completed March 2001	L-3
FF	Tank T-718	Inactive	Closure completed March 2001	L-3
GG	Tank T-719	Inactive	Closure completed March 2001	L-3
HH	Tank T-720	Inactive	Closure completed March 2001	L-3
II	Tank T-721	Inactive	Closure completed March 2001	L-3
JJ	Tank T-722	Inactive	Closure completed March 2001	L-3
KK	Tank T-724	Inactive	Closure completed March 2001	L-3
LL	Tank T-725	Active		L-708
MM	Tank T-726	Active		L-708
NN	Tank T-901	Active		L-900
OO	Tank T-902	Active		L-900
PP	Tank T-903	Active		L-900
QQ	Tank T-904	Active		L-900
RR	Wash Water Tank	Active		L-900
SS	Tank T-1101	Inactive	Clean closure completed November 1996	L-3
TT	Tank T-1102	Inactive	Clean closure completed November 1996	L-3
UU	Tank T-1201	Inactive	Clean closure completed November 1996	L-3
VV	Tank T-1202	Inactive	Clean closure completed November 1996	L-3
WW	Tank T-1201A	Active		L-1200A
XX	Tank T-1202A	Active		L-1200A
YY	RESERVED	N/A	Historical SWMU does not exist	N/A
ZZ	Tank T-1405	Active		L-1400
AAA	Tank T-1406	Active		L-1400
BBB	Tank T-1407	Active		L-1400
CCC	Tank T-1408	Active		L-1400
DDD	Tank T-1409	Active		L-1400
EEE	Tank T-1410	Active		L-1400
FFF	Tank T-1411	Active		L-1400
GGG	Tank T-1412	Active		L-1400
HHH	Tank T-1413	Active		L-1400
III	Tank T-1414	Active		L-1400
JJJ	Tank T-1415	Active		L-1400
KKK	Tank T-1416	Active		L-1400
LLL	Tank T-1417	Active		L-1400

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<b>SWMU ID</b>	<b>Description</b>	<b>SWMU Status</b>	<b>Notes</b>	<b>Reference Drawing(s)</b>
MMM	Tank T-1418	Active		L-1400
NNN	Tank T-1419	Active		L-1400
OOO	Tank T-1420	Active		L-1400
PPP	Tank T-A	Inactive	Replaced in 1993 with Replacement Tank T-A (SWMU 3QQQ)	L-3
QQQ	Replacement Tank T-A	Active		L-3
RRR	Tank T-1701	Active		L-3
SSS	Tank T-1702	Active		L-3
TTT	Tank T-2001	Inactive	Closure completed 1996	L-2000
UUU	Tank T-2004	Inactive	Closure completed 1996	L-2000
VVV	Tank Unit 701	Inactive	Disconnected in 2016 and no longer in use	N/A
WWW	Unit 200 Tank	Inactive	No longer present	L-3
XXX	Former Tank B	Inactive	Clean closure completed 1990	L-3
YYY	Former Tank C	Inactive	Clean closure completed 1990	L-3
ZZZ	Waste Oil Tank T-303	Active		L-300
AAAA	Waste Oil Tank T-402	Inactive	Tank removed, date unknown	L-606
BBBB	Tank T-1703	Active		L-3
CCCC	Tank T-1704	Active		L-3
DDDD	Reactor Tank No. 1	Inactive	NPDES permitted unit no longer in service	L-2000
EEEE	Effluent Tank No. 1	Inactive	NPDES permitted unit no longer in service	L-2000
FFFF	Effluent Tank No. 2	Inactive	NPDES permitted unit no longer in service	L-2000
4	Laboratory Waste Containers	Active		L-708
5	Stabilization Units			
A	Unit 1100 Stabilization Unit	Inactive	Clean closure completed November 1996	L-3
B	Unit 1200 Stabilization Unit	Inactive	Clean closure completed November 1996	L-3
C	Unit 1200A Stabilization Unit	Active		L-3
D	Unit 2000 Stabilization Unit	Inactive	Closure completed 1997	L-2000
6	Container Storage Area			
A	Unit 406 Container Storage Area	Active		L-3
B	Unit 600 Container Storage Area	Active		L-600
C	Unit 603 Container Storage Area	Active		L-603
D	Unit 604 Container Storage Area	Active		L-604
E	Unit 700 Container Storage Area	Active		L-700A, L-700B
F	Unit 702 Container Storage Area	Active		L-702
G	Unit 1200A Container Storage Area	Active		L-3

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SWMU ID	Description	SWMU Status	Notes	Reference Drawing(s)
H	Unit 2200 Container Storage Area	Active		L-3
I	Area 13-14 Container Storage Area	Inactive	Clean closure completed July 1983	L-3
J	Area 15 Container Storage Area	Inactive	Clean closure completed July 1983	L-3
K	Unit 520 Container Storage Area	Active		L-520
L	Unit 703A Container Storage Area	Active		L-703
M	Unit 2000 Container Storage Area	Active		L-2000
N	Unit 602 Container Storage Area	Active		L-602
7	Bulk Sampling Stations			
A	PK-1000 Bulk Sampling Station	Active		L-1000
B	Unit 1000A Bulk Sampling Station	Active		L-1000
8	Staging Areas			
A	PK-700 Staging Area	Active		L-3
B	PK-1000 Staging Area	Active		L-3
9	Shredders			
A	Unit 600 Capacitor Shredder	Inactive	Removed, date unknown	L-600
B	Unit 700 Decant Shredder	Inactive	Moved to Unit 1200A and is now SWMU 9F	L-700B
C	Unit 1200 Shredder	Inactive	Decontaminated and removed in 1996	L-3
D	Unit 2000 Shredder	Inactive	Decontaminated and removed in 1994	L-2000
E	OBA Canister Shredder	Inactive	Decontaminated and removed in 1996	L-3
F	Unit 1200A Capacitor Shredder	Active		L-1200A
10	Drum Crusher Dispersion Unit (CDU)	Inactive	All components removed, macroencapsulated, and landfilled in 2004	L-700B
11	Solvent Recovery System	Inactive	Decontaminated and removed in 1995	L-3
12	Pugmill Solidification System	Inactive	Decontaminated and removed in 1980	L-3
13	Mixing Pit	Inactive	Closed in 1980 along with Trench T-8	L-3
14	Truck Wash Units			
A	Former Truck Wash Unit	Inactive	Clean closure completed 1989	L-3
B	Former Truck Wash Impoundment	Inactive	Clean closure completed 1989	L-3
C	Wheel Wash Unit	Active		L-3
15	PCB Decanting Unit	Active		L-604
16	Satellite Accumulation Areas (SAAs)			
A	Former Unit 200 Administration Building SAA	Inactive	SAA removed and no longer present	L-4
B	Former Guard Shack SAA	Inactive	SAA removed and no longer present	L-4
C	Former Unit 225 SAA	Inactive	SAA removed and no longer present	N/A
D	Former Unit 301 SAA	Inactive	SAA removed and no longer present	L-4

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<b>SWMU ID</b>	<b>Description</b>	<b>SWMU Status</b>	<b>Notes</b>	<b>Reference Drawing(s)</b>
E	Former Unit 302 SAA	Inactive	SAA removed and no longer present	L-4
F	RESERVED	Inactive	SAA removed and no longer present	N/A
G	Former Unit 402 SAA	Inactive	SAA removed and no longer present	L-4
H	Former Unit 520 SAA	Inactive	SAA removed and no longer present	L-520
I	Unit 600 SAA 1	Inactive	SAA removed and no longer present	N/A
J	Former Unit 600 PPE SAA	Inactive	SAA removed and no longer present	N/A
K	Unit 600 SAA 2	Inactive	SAA removed and no longer present	N/A
L	Former Unit 602 SAA	Inactive	SAA removed and no longer present	L-4
M	Unit 603 Debris SAA	Inactive	SAA removed and no longer present	L-603
N	Unit 603 PPE SAA	Active		L-603
O	Unit 606 SAA 1	Inactive	SAA removed and no longer present	L-606
P	Unit 606 SAA 2	Inactive	SAA removed and no longer present	L-606
Q	Former Unit 700 SAA 1	Inactive	SAA removed and no longer present	N/A
R	Unit 700 SAA 2/SAA 1	Inactive	SAA removed and no longer present	L-700A
S	Unit 700 PPE SAA/SAA 2	Active		L-700A
T	Former Unit 702 SAA 1	Inactive	SAA removed and no longer present	L-702
U	Unit 702 SAA 2	Active		L-702
V	Unit 702 SAA 3	Inactive	SAA removed and no longer present	L-702
W	Former SAA Between 700 and 702	Inactive	SAA removed and no longer present	L-3
X	Former SAA Between 700 and 702	Inactive	SAA removed and no longer present	L-3
Y	Unit 703 SAA 1	Inactive	SAA removed and no longer present	N/A
Z	Unit 703 PPE SAA	Inactive	SAA removed and no longer present	N/A
AA	Former Laboratory SAA (25 Locations)	Inactive	SAA removed and no longer present	L-708
BB	Mapper Shack SAA (Mobile)	Inactive	SAA removed and no longer present	N/A
CC	Unit 900 SAA	Inactive	SAA removed and no longer present	N/A
DD	Unit 900 SAA	Active		L-900
EE	Unit 900 SAA	Inactive	SAA removed and no longer present	N/A
FF	Unit 1000 SAA	Inactive	SAA removed and no longer present	L-1000
GG	Unit 1000 SAA	Inactive	SAA removed and no longer present	L-1000
HH	Unit 1000 SAA	Active		L-1000
II	Unit 1000 SAA	Inactive	SAA removed and no longer present	L-1000
JJ	Unit 1000A SAA	Inactive	SAA removed and no longer present	L-1000
KK	RESERVED	Inactive	SAA removed and no longer present	N/A
LL	Unit 1000 SAA	Inactive	SAA removed and no longer present	L-1000



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<b>SWMU ID</b>	<b>Description</b>	<b>SWMU Status</b>	<b>Notes</b>	<b>Reference Drawing(s)</b>
MM	Unit 1200 SAA	Inactive	SAA removed and no longer present	N/A
NN	Unit 1200 SAA	Inactive	SAA removed and no longer present	N/A
OO	Unit 1400 SAA	Inactive	SAA removed and no longer present	N/A
PP	Unit 1400 SAA	Active		L-1400
QQ	Leachate Treatment Unit SAA 2	Inactive	SAA removed and no longer present	N/A
RR	Unit 2200 SAA	Active		L-2200B
SS	Unit 2200 SAA	Active		L-2200B
TT	Trench Disposal Decontamination Trailer SAA	Active		L-3
UU	Unit 604 SAA No. 1	Active		L-604
VV	Unit 604 SAA No. 2	Inactive	SAA removed and no longer present	L-604
WW	Macroencapsulation SAA	Inactive	SAA removed and no longer present	L-1400
XX	Leachate Treatment Unit SAA 1	Active		L-2000
YY	Unit 1001 SAA	Inactive	SAA removed and no longer present	L-2000
ZZ	Former Unit 1002 SAA	Active		L-2000
AAA	Unit 1200A SAA	Active		L-1200A
BBB	Unit 1200A SAA	Active		L-1200A
CCC	Unit 604 SAA No. 3	Active		L-604
17	Loading/Unloading Areas			
A	Unit 520 Loading/Unloading Area	N/A		L-520
B	Unit 600 Loading/Unloading Area	N/A		L-600
C	Unit 603 Loading/Unloading Area	N/A		L-603
D	Unit 603 Covered Dock Loading/Unloading Area	N/A		L-603
E	Unit 604 Loading/Unloading Area	N/A		L-604
F	Unit 700 West Side Dock Loading/Unloading Area	N/A		L-700A
G.1	Unit 700 Bay 1 Loading/Unloading Area	N/A		L-700B
G.2	Unit 700 Bay 2 Loading/Unloading Area	N/A		L-700B
G.3	Unit 700 Bay 3 Loading/Unloading Area	N/A		L-700B
G.4	Unit 700 Bay 4 Loading/Unloading Area	N/A		L-700B
G.5	Unit 700 Bay 5 Loading/Unloading Area	N/A		L-700B
H	Unit 702 Loading/Unloading Area	N/A		L-702
I	Unit 702 East Side Loading/Unloading Area	N/A		L-702
J	Unit 703 No. 1 Loading/Unloading Area	N/A	Use discontinued in 1995	L-703
K	Unit 703 No. 2 Loading/Unloading Area	N/A	Use discontinued in 1995	L-703
L	West End Dock Loading/Unloading Area	N/A	Use discontinued in 1995	L-3

**TABLE L-1  
SOLID WASTE MANAGEMENT UNIT SUMMARY  
CHEMICAL WASTE MANAGEMENT, INC.  
EMELLE, ALABAMA FACILITY**

This table presents current and historical SWMUs. An SWMU status of "Active" indicates SWMUs that are currently used for treatment, storage, or disposal of solid waste or hazardous waste, or areas that have been contaminated by routine and systematic releases of hazardous waste or hazardous constituents, excluding one-time spills that are immediately remediated. An SWMU status of "Inactive" indicates units that are no longer used for the management of solid or hazardous waste, or have been clean closed, removed from service, and/or operationally discontinued. An SWMU status of "N/A" indicates units that were historically considered to be an SWMU, but do not meet ADEM's definition of an SWMU.

<b>SWMU ID</b>	<b>Description</b>	<b>SWMU Status</b>	<b>Notes</b>	<b>Reference Drawing(s)</b>
M	South End Dock Loading/Unloading Area	N/A		L-1400
N	Unit 703A Loading/Unloading Area	N/A		L-703
<b>18 Sumps</b>				
A	Unit 700 No. 1A Sump	N/A		L-700A
B	Unit 700 No. 2A Sump	N/A		L-700A
C	Unit 700 No. 3A Sump	N/A		L-700A
D	Unit 700 No. 4A Sump	N/A		L-700A
E	Unit 700 No. 1B Sump	N/A		L-700A
F	Unit 700 No. 2B Sump	N/A		L-700A
G	Unit 700 No. 3B Sump	N/A		L-700A
H	Unit 700 No. 4B Sump	N/A		L-700A
I	Unit 700 No. 5 Sump	N/A		L-700A
J	Unit 700 No. 6 Sump	N/A		L-700A
K	Unit 700 No. 7 Sump	N/A		L-700A
L	Unit 700 No. 8 Sump	N/A		L-700A
M	Unit 700 No. 16 Sump	N/A		L-700B
N	Unit 700 No. 9 Sump	N/A		L-700A
O	RESERVED	N/A		N/A
P	Unit 700 No. 12 Sump	N/A		L-700B
Q	Unit 700 No. 13 Sump	N/A		L-700B
R	Unit 700 No. 14 Sump	N/A		L-700B
S	Unit 700 No. 15 Sump	N/A		L-700B
T	Unit 700 No. 17 Sump	N/A		L-700B
U	Unit 702 No. 1A Sump	N/A		L-702
V	Unit 702 No. 2A Sump	N/A		L-702
W	Unit 702 No. 3A Sump	N/A		L-702
X	Unit 702 No. 4A Sump	N/A		L-702
Y	Unit 702 No. 1B Sump	N/A		L-702
Z	Unit 702 No. 2B Sump	N/A		L-702
AA	Unit 702 No. 3B Sump	N/A		L-702
BB	Unit 702 No. 4B Sump	N/A		L-702
CC	Unit 702 No. 5 Sump	N/A		L-702
DD	Unit 702 No. 6 Sump	N/A		L-702
EE	Unit 702 No. 7 Sump	N/A		L-702

**TABLE L-1  
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CHEMICAL WASTE MANAGEMENT, INC.  
EMELLE, ALABAMA FACILITY**

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<b>SWMU ID</b>	<b>Description</b>	<b>SWMU Status</b>	<b>Notes</b>	<b>Reference Drawing(s)</b>
FF	RESERVED	N/A		N/A
GG	Unit 702 No. 8 Sump	N/A		L-702
HH	Unit 702 No. 12 Sump	N/A		N/A
II	Unit 702 No. 11 Sump	N/A		L-702
JJ	Unit 700 Drum Conveyor Area Sump	N/A		L-700B
KK	Unit 700 Drum Conveyor Area Sump	N/A		L-700B
LL	Unit 700 Drum Conveyor Area Sump	N/A		L-700B
MM	Unit 700 Drum Conveyor Area Sump	N/A		L-700B
NN	Unit 700 Drum Conveyor Area Sump	N/A		L-700B
OO	Unit 700 Drum Conveyor Area Sump	N/A		L-700B
PP	Unit 702 Drum Conveyor Area Sump	N/A		L-702
QQ	Unit 702 Drum Conveyor Area Sump	N/A		L-702
RR	Unit 702 Drum Conveyor Area Sump	N/A		L-702
SS	Unit 702 East Side Loading Area Sump	N/A		L-702
TT	Unit 520 Sump 1	N/A		L-520
UU	Unit 520 Sump 2	N/A		L-520
VV	Unit 600 Sump 1A	N/A		L-600
WW	Unit 600 Sump 1B	N/A		L-600
XX	Unit 600 Sump 2	N/A		L-600
YY	Unit 600 Sump 3	N/A		L-600
ZZ	Unit 603 Sump 1	N/A		L-603
AAA	Unit 603 Sump 2	N/A		L-603
BBB	Unit 603 Sump 3	N/A		L-603
CCC	Unit 603 Sump 4	N/A		L-603
DDD	Unit 603 Sump 5	N/A		L-603
EEE	Unit 603 Sump 6	N/A		L-603
FFF	Unit 603 Sump 7	N/A		L-603
GGG	Unit 603 Sump 8	N/A		L-603
HHH	Unit 603 Sump 9	N/A		L-603
III	Unit 603 Sump 10	N/A		L-603
JJJ	Unit 603 Sump 11	N/A		L-603
KKK	Unit 603 Sump 12	N/A		L-603
LLL	Unit 603 Sump 13	N/A		L-603
MMM	Unit 603 Sump 14	N/A		L-603

**TABLE L-1  
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EMELLE, ALABAMA FACILITY**

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<b>SWMU ID</b>	<b>Description</b>	<b>SWMU Status</b>	<b>Notes</b>	<b>Reference Drawing(s)</b>
NNN	Unit 603 Sump 15	N/A		L-603
OOO	Unit 603 Work Aisle Sump 1	N/A		L-603
PPP	Unit 603 Work Aisle Sump 2	N/A		L-603
QQQ	Unit 603 Work Aisle Sump 3	N/A		L-603
RRR	Unit 603 Work Aisle Sump 4	N/A		L-603
SSS	Unit 603 Work Aisle Sump 5	N/A		L-603
TTT	Unit 604 Sump 2	N/A		L-604
UUU	Unit 703 Sump 1	N/A		L-703
VVV	Unit 703A Sump 2	N/A		L-703
WWW	Unit 900 Sump A	N/A		L-900
XXX	Unit 900 Sump B	N/A		L-900
YYY	Unit 900 Sump C	N/A		L-900
ZZZ	Unit 900 Sump 1	N/A		L-900
AAAA	Unit 1200A Sump #1	N/A		L-1200A
BBBB	Unit 1200A Sump #2	N/A		L-1200A
CCCC	Unit 1200A Sump #3	N/A		L-1200A
DDDD	Unit 1200A Sump #4	N/A		L-1200A
EEEE	Unit 1200A Sump #5	N/A		L-1200A
FFFF	Unit 1200A Sump #6	N/A		L-1200A
GGGG	Unit 1400 Sump 1	N/A		L-1400
HHHH	Unit 1400 Sump 2	N/A		L-1400
IIII	Unit 1400 South End Dock	N/A		L-1400
JJJJ	Unit 1700B Sump	N/A		L-1700BC
KKKK	Unit 1700C Sump	N/A		L-1700BC
LLLL	Unit 2000 Sump 1A	N/A		L-2000
MMMM	Unit 2000 Sump 1B	N/A		L-2000
NNNN	Unit 2000 Sump 1C	N/A		L-2000
OOOO	Unit 2000 Sump 1D	N/A		L-2000
PPPP	Unit 2000 Sump 1E	N/A		L-2000
QQQQ	Unit 2000 Sump 1F	N/A		L-2000
RRRR	Unit 2000 Sump 1G	N/A		L-2000
SSSS	Unit 2000 Sump 1H	N/A		L-2000
TTTT	Unit 2000 Sump 2A	N/A		L-2000
UUUU	Unit 2000 Sump 2B	N/A		L-2000

**TABLE L-1  
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CHEMICAL WASTE MANAGEMENT, INC.  
EMELLE, ALABAMA FACILITY**

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<b>SWMU ID</b>	<b>Description</b>	<b>SWMU Status</b>	<b>Notes</b>	<b>Reference Drawing(s)</b>
VVVV	Unit 2000 Sump 2C	N/A		L-2000
WWWW	Unit 2000 Sump 2D	N/A		L-2000
XXXX	Unit 2200 Sump 1	N/A		L-2200A
YYYY	Unit 2200 Sump 2	N/A		L-2200A
ZZZZ	Unit 2200 Sump 3	N/A		L-2200A
AAAAA	Unit 2200 Sump 4	N/A		L-2200A
BBBBB	Unit 2200 Sump 5	N/A		L-2200A
CCCCC	Unit 2200 Sump 6	N/A		L-2200A
DDDDD	Unit 2200 Sump 7	N/A		L-2200A
EEEEE	Unit 2200 Sump 8	N/A		L-2200A
FFFFF	Unit 2200 Sump 9	N/A		L-2200B
GGGGG	Unit 2200 Sump 10	N/A		L-2200B
HHHHH	Unit 2200 Sump 11	N/A		L-2200B
IIIII	Unit 2200 Sump 12	N/A		L-2200B
JJJJJ	Unit 2200 Sump 13	N/A		L-2200B
KKKKK	Unit 2200 Sump 14	N/A		L-2200B
LLLLL	Unit 2200 Sump 15	N/A		L-2200B
MMMMM	Unit 2200 Sump 16	N/A		L-2200B
NNNNN	Unit 2200 Sump 17	N/A		L-2200B
OOOOO	Unit 2200 Sump 18	N/A		L-2200B
PPPPP	Unit 602 Sump	N/A		L-602
19	Drainage Ditches	N/A		L-2
20	Waste Transport Vehicles			
A	Vacuum Trucks	N/A		N/A
B	Dump Trucks	N/A		N/A
21	Former Lagoons			
A	Former Lagoon L-1	Inactive	Clean closure completed 1984	L-2
B	Former Lagoon L-2	Inactive	Clean closure completed 1984	L-2
C	Former Lagoon L-3	Active	Closed in-place 1980 (Pre RCRA)	L-2
D	Former Lagoon L-4	Active	Closed in-place 1980 (Pre RCRA)	L-2
E	Former Lagoon L-5	Active	Closed in-place 1980 (Pre RCRA)	L-2
F	Former Lagoon L-6	Inactive	Clean closure completed 1988	L-2
G	Former Lagoon L-7	Inactive	Clean closure completed 1988	L-2
H	Former Truck Wash Lagoon	Inactive	Clean closure completed 1989 (Same SWMU as 14B)	L-3

**TABLE L-1  
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CHEMICAL WASTE MANAGEMENT, INC.  
EMELLE, ALABAMA FACILITY**

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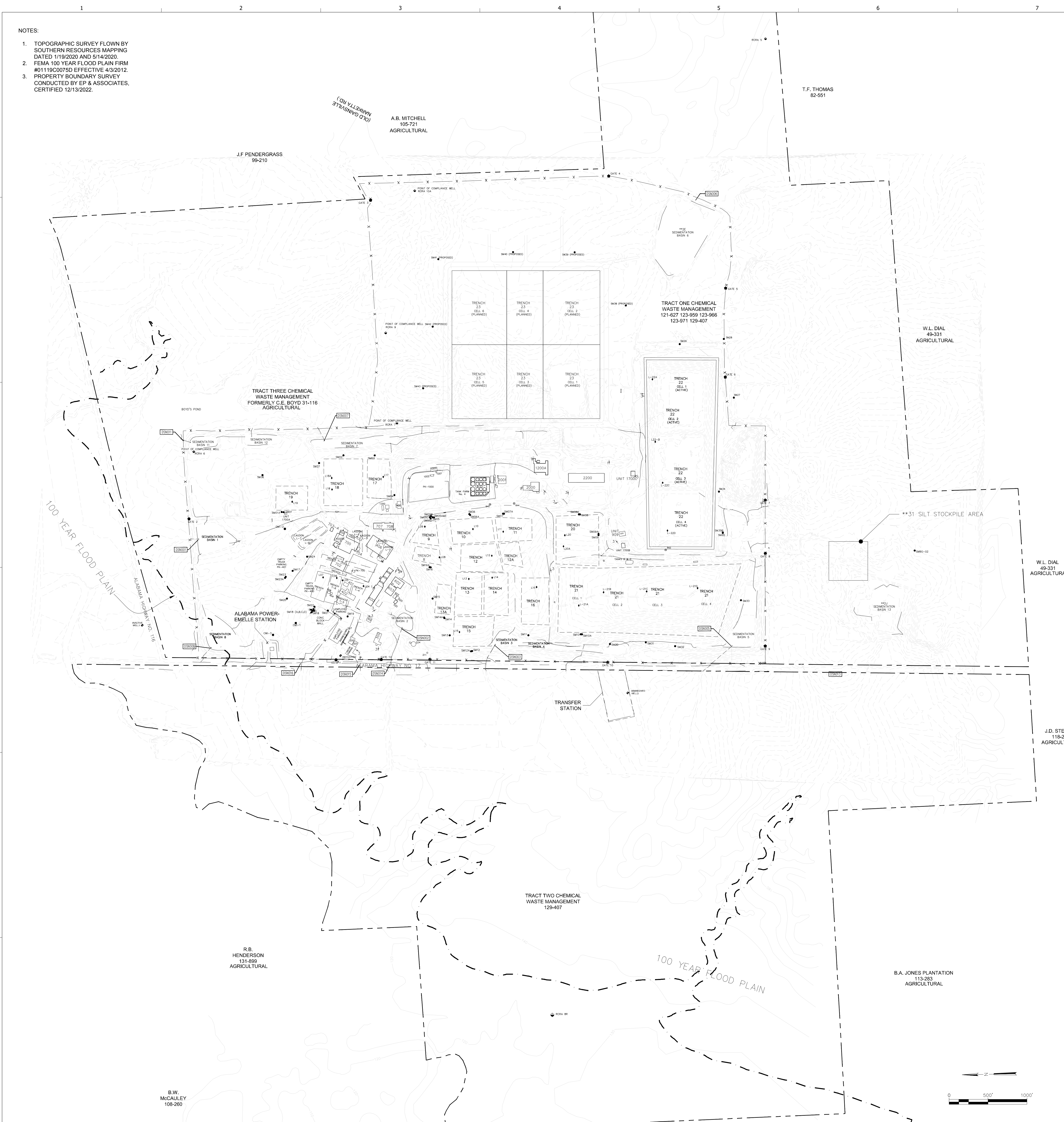
SWMU ID	Description	SWMU Status	Notes	Reference Drawing(s)
22	Former Decant Tanks			
A	Former Decant Tank D-1	Inactive	Clean closure completed 1984	L-3
B	Former Decant Tank D-2	Inactive	Clean closure completed 1984	L-3
C	Former Decant Tank D-3	Inactive	Clean closure completed 1984	L-3
D	Former Decant Tank D-4	Inactive	Clean closure completed 1984	L-3
23	Super Dock/PCB Tanks	Inactive	Clean closure completed 1985	L-3
24	Former Incinerator and Scrubber	Inactive	Clean closure completed 1984	L-3
25	Unit 401 Paint and Wash Building	N/A	This building was never put into service for waste management	L-3
26	Unit 300 Heavy Equipment Maintenance Area SAs	Active		L-300
27	Equipment Boneyard	N/A		L-3
28	Construction Debris Pile	N/A	Landfill construction material staging area	L-3
29	Safety Kleen Units	N/A		L-300,L-600,L-606
30	Underground Pipe Chase	Active		L-3
31	Silt Stockpile Area	N/A		L-1
32	Unpaved Trailer Lot	Inactive	Removed from operation in 1990	L-3
33	General Refuse Dumpsters	Active		L-4
34	Unit 700 Solidification Unit	Active		L-700B
35	Unit 700 Decanting Units	Inactive	Clean closure completed and removed	L-700B
36	Former Incinerator Scrubber Blow-Down Lagoon	Inactive	Clean closure completed 1984	L-3
37	Tipper Hopper	Inactive	Removed from operation in 2004	L-700B
38	Unit 2000 Container Management Unit	Active	Formally the Leachate Biological/Chemical Treatment Unit	L-3
39	Bag Houses			
A	Unit 1200A Bag House #5	Active		L-1200A
B	Unit 1200A Bag House #6	Active		L-1200A
40	Filter Press	Inactive	NPDES permitted unit no longer in service	L-2000
41	Drum Crusher	Active		L-700B
42	Roll-off Containers			
A	Unit 900 Wheel Wash Roll-off	Active		L-900
B	Unit 1200A Baghouse #1 Roll-off	Active		L-1200A
C	Unit 1200A Baghouse #2 Roll-off	Active		L-1200A
D	Unit 2000 Filter Press Roll-off	Inactive	NPDES permitted unit no longer in service	L-2000
43	Unit 2001 Leachate Treatment Plant	Active	NPDES permitted unit	L-3

**SECTION L**  
**SOLID WASTE MANAGEMENT UNITS**

**FIGURES**

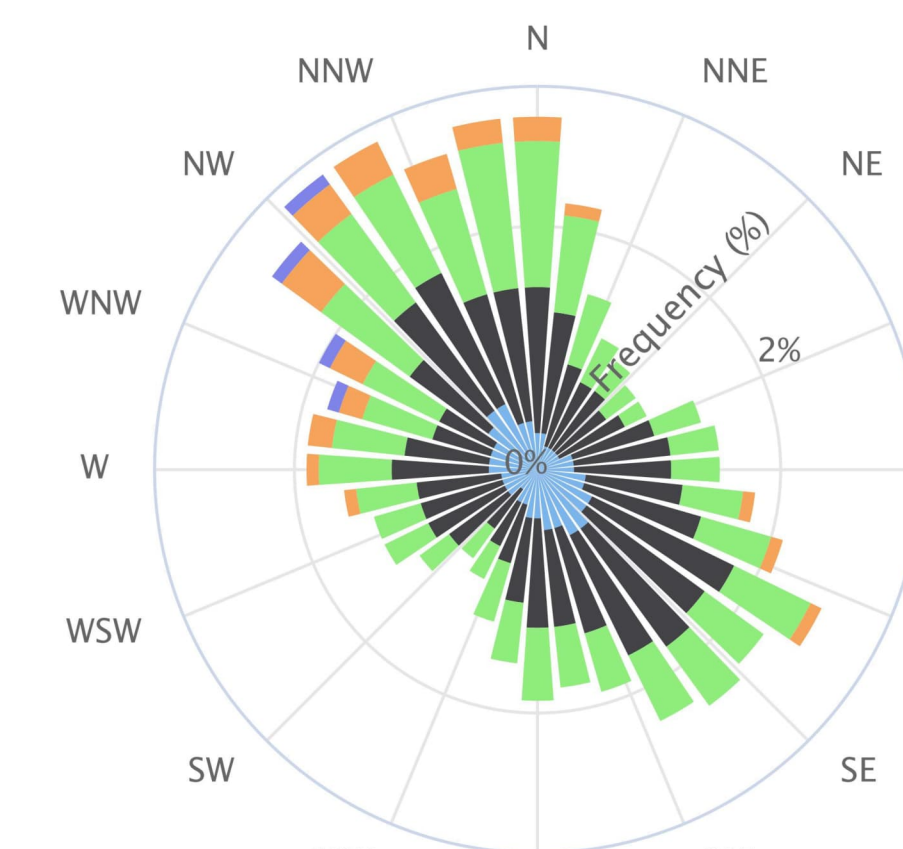


- NOTES:
1. TOPOGRAPHIC SURVEY FLOWN BY SOUTHERN RESOURCES MAPPING DATED 1/19/2020 AND 5/14/2020.
  2. FEMA 100 YEAR FLOOD PLAIN FIRM #01180075D EFFECTIVE 4/3/2012.
  3. PROPERTY BOUNDARY SURVEY CONDUCTED BY EP & ASSOCIATES, CERTIFIED 12/13/2022.



MERIDIAN NAAS (MS) Wind Rose

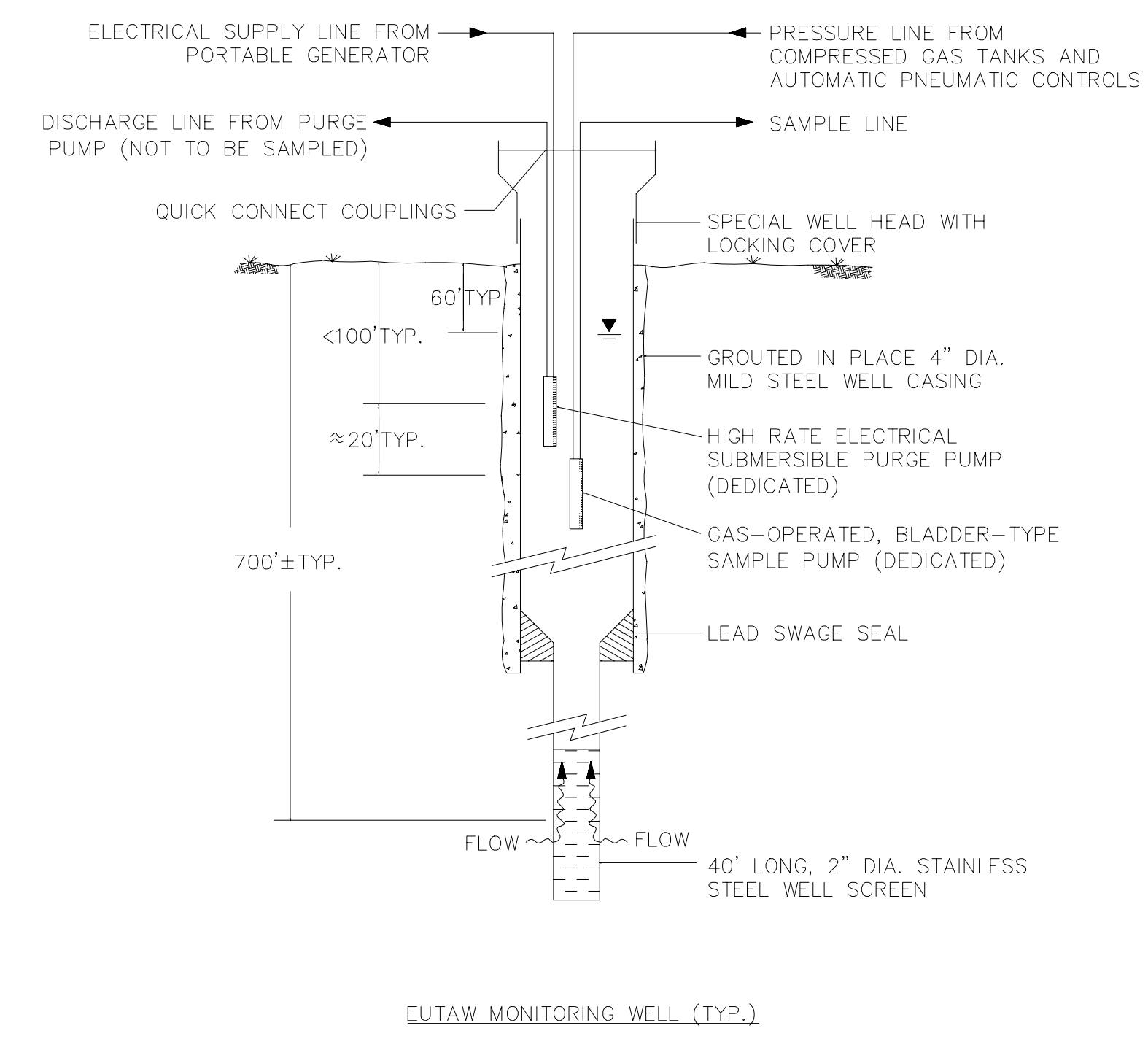
Nov. 1, 2002 - Nov. 11, 2022



Wind Rose Information  
 Location: Meridian, Mississippi  
 Latitude: 32.5500  
 Longitude: -88.5667  
 Elevation: 271 ft.  
 Element: Mean Wind Speed

- Wind Speed (mph)
- 1.3 - 4
  - 4 - 8
  - 8 - 13
  - 13 - 19
  - 19 - 25
  - 25 - 32
  - 32 - 39
  - 39 - 47
  - 47 -

Source: Midwestern Regional Climate Center (MRC) Application Tools Environment. Generated at: 11/11/2022 12:25:39 PM CST (https://www.aivd.com)

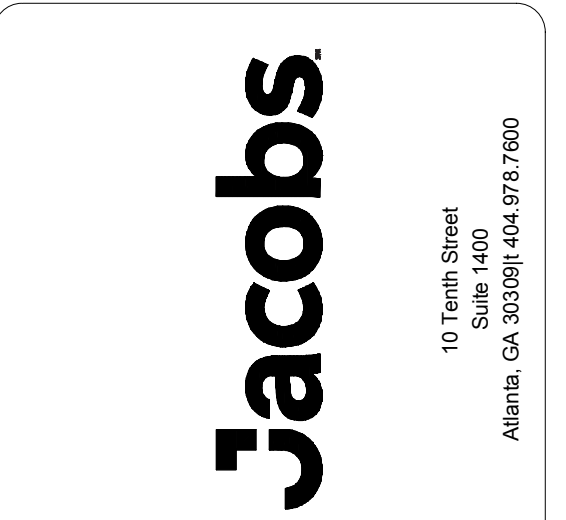


LEGEND

- 100YR FLOOD PLAIN
- EXISTING BUILDING/SOLID WASTE MANAGEMENT UNIT
- - - CLOSED LANDFILL/LAGOON
- ACTIVE LANDFILL
- NPDES
- NPDES OUTFALL
- SEDIMENTATION BASIN/DRAINAGE DITCH
- PROPERTY LINE
- FENCE
- SM32 ● SHALLOW MONITORING WELL LOCATION
- BM ○ SITE BENCHMARK
- RCRA BR ● RCRA MONITORING WELL LOCATION (EUTAW AQUIFER)
- 3 TRANSFORMERS
- L-06 ◆ LEACHATE RISER WELLS

SWMUs IDENTIFIED ON THIS SHEET

- NO IDENTIFICATION
- \*\*2E SEDIMENTATION BASIN 6
- \*\*2J SEDIMENTATION BASIN 13
- \*\*31 SILT STOCKPILE AREA
- \* = INACTIVE SWMU
- \*\* = NOT APPLICABLE OR DOES NOT MEET DEFINITION OF A SWMU. SEE TABLE L-1 FOR FURTHER DEFINITION OF SWMU STATUS.



NOT RELEASED FOR CONSTRUCTION



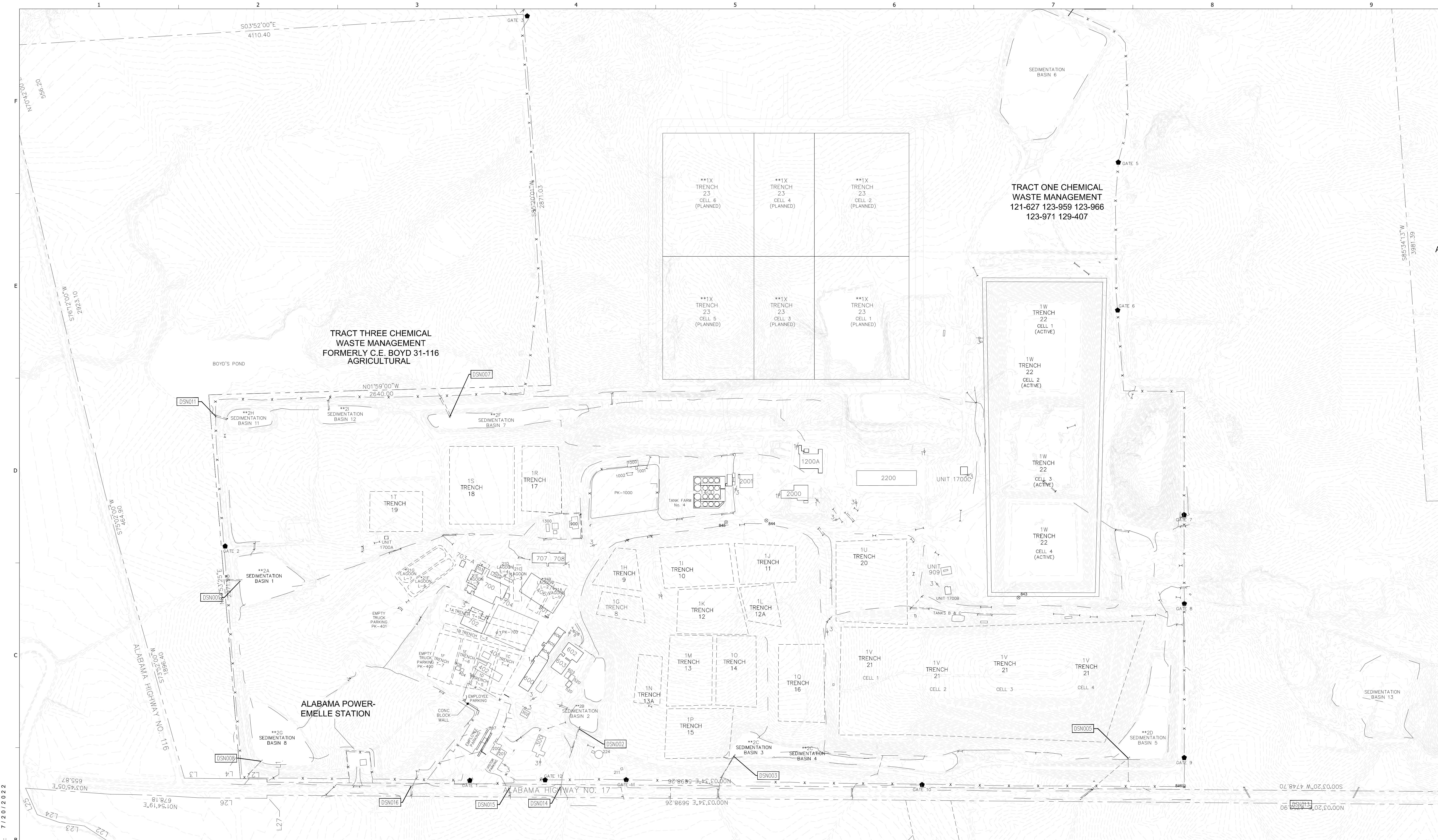
RCRA PART B PERMIT APPLICATION  
 CHEMICAL WASTE MANAGEMENT INC.  
 EMELLE, ALABAMA TREATMENT FACILITY  
 SUMTER COUNTY, AL

REV	DATE	DESCRIPTION
5.0	08/22	RCRA PART B PERMIT RENEWAL
5.0	08/22	UPDATED PROPERTY BOUNDARY

THIS LINE IS ONE INCH LONG WHEN PLOTTED FULL SCALE  
 THIS DRAWING MUST BE USED IN CONJUNCTION WITH THE APPLICABLE OR GOVERNING TECHNICAL SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS.  
 PROJECT NO: D3279702  
 DATE: AUGUST 2022  
 DISC. LEAD: MTF DESIGNER: RAK CHECKER: SBT  
 SHEET TITLE: MASTER LAYOUT SITE PLAN  
 SHEET: L-1

CREATED: 10/22/2020 BY: BANNERM PLOT DATE: 1/5/2023 LAST SAVED: 12/23/2022





SWMUs IDENTIFIED ON THIS SHEET

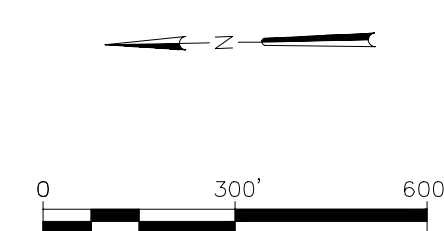
NO	IDENTIFICATION	NO	IDENTIFICATION	NO.	IDENTIFICATION	NO.	IDENTIFICATION
1A	TRENCH T-1	1N	TRENCH 13A	**2A	SEDIMENTATION BASIN 1	*21A	FORMER LAGOON L-1
1B	TRENCH T-3	1O	TRENCH 14	**2B	SEDIMENTATION BASIN 2	*21B	FORMER LAGOON L-2
1C	TRENCH T-4	1P	TRENCH 15	**2C	SEDIMENTATION BASIN 3 & 4	*21C	FORMER LAGOON L-3
1D	TRENCH T-5	1Q	TRENCH 16	**2D	SEDIMENTATION BASIN 5	*21D	FORMER LAGOON L-4
1E	TRENCH T-6	1R	TRENCH 17	**2F	SEDIMENTATION BASIN 7	*21E	FORMER LAGOON L-5
1F	TRENCH T-7	1S	TRENCH 18	**2G	SEDIMENTATION BASIN 8	*21F	FORMER LAGOON L-6
1G	TRENCH 8	1T	TRENCH 19	**2H	SEDIMENTATION BASIN 11	*21G	FORMER LAGOON L-7
1H	TRENCH 9	1U	TRENCH 20	**2I	SEDIMENTATION BASIN 12		
1I	TRENCH 10	1V	TRENCH 21				
1J	TRENCH 11	1W	TRENCH 22				
1K	TRENCH 12	**1X	TRENCH 23	* = INACTIVE SWMU	** = NOT APPLICABLE OR DOES NOT MEET DEFINITION OF A SWMU. SEE TABLE L-1 FOR FURTHER DEFINITION OF SWMU STATUS.		
1L	TRENCH 12A						
1M	TRENCH 13						

LEGEND

- NPDES OUTFALL
- SITE BENCHMARK
- 3 TRANSFORMERS
- DRAINAGE DITCH

NOTES:

- TOPOGRAPHIC SURVEY FLOWN BY SOUTHERN RESOURCES MAPPING DATED 1/19/2020 AND 5/14/2020.

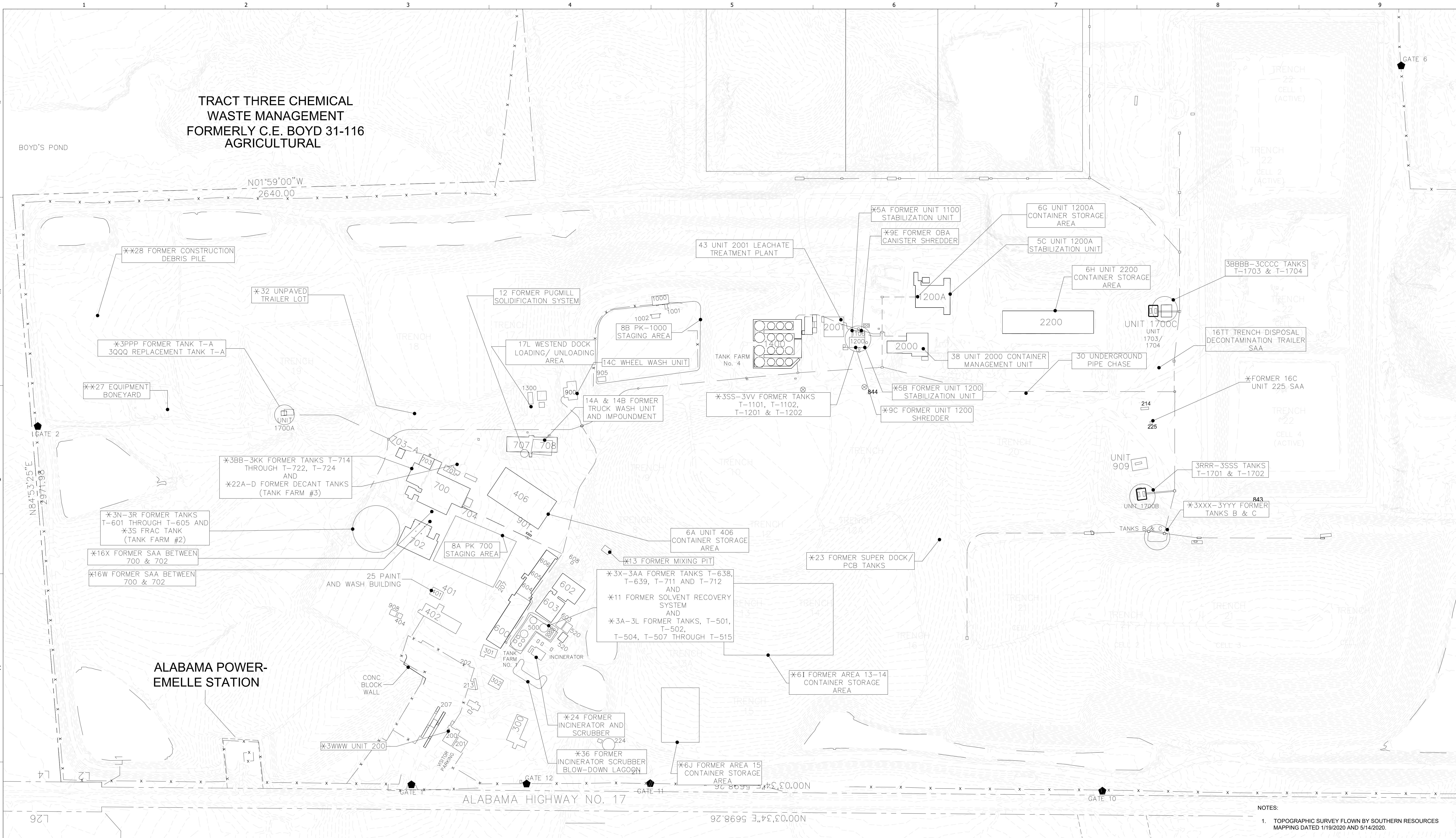


REV	DATE	REVISION DESCRIPTION
5.0		RCRA PART B PERMIT RENEWAL
08/22		RCRA PART B PERMIT RENEWAL

THIS DRAWING MUST BE USED IN CONJUNCTION WITH THE APPLICABLE OR GOVERNING TECHNICAL SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS.  
 PROJECT NO: D3279702  
 DATE: AUGUST 2022  
 DISC. LEAD: MTF DESIGNER: RAK CHECKER: SBT

SOLID WASTE MANAGEMENT UNITS - SITE FEATURES MASTER PLAN



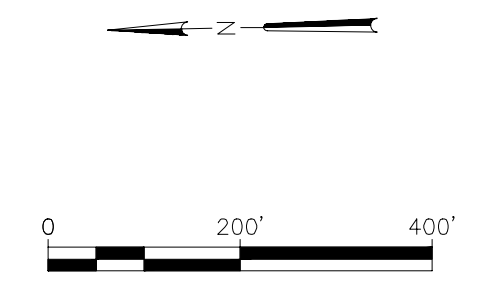


NOTES:  
 1. TOPOGRAPHIC SURVEY FLOWN BY SOUTHERN RESOURCES MAPPING DATED 1/19/2020 AND 5/14/2020.

SWMUs IDENTIFIED ON THIS SHEET

NO.	IDENTIFICATION	NO.	IDENTIFICATION	NO.	IDENTIFICATION	NO.	IDENTIFICATION	NO.	IDENTIFICATION
*3A-3L	FORMER TANKS, T-501, T-502, T-504, T-507 THROUGH T-515	*3WWW	UNIT 200	6H	UNIT 2200 CONTAINER STORAGE AREA	*14A	FORMER TRUCK WASH UNIT	*24	FORMER INCINERATOR AND SCRUBBER
*3N-3R	FORMER TANKS T-601 THROUGH T-605	**3XXX-3YYY	FORMER TANKS B & C	*6I	FORMER AREA 13-14 CONTAINER STORAGE AREA	*14B	FORMER TRUCK WASH IMPOUNDMENT	**25	PAINT AND WASH BUILDING
*3S	FRAC TANK	3BB55-3C555	TANKS T-1703 & T-1704	*6J	FORMER AREA 15 CONTAINER STORAGE AREA	14C	WHEEL WASH UNIT	**27	EQUIPMENT BONEYARD
*3X-3AA	FORMER TANKS T-638, T-639, T-711 AND T-712	*5A	FORMER UNIT 1100 STABILIZATION UNIT	*9C	FORMER UNIT 1200 SHREDDER	*16C	FORMER UNIT 225 SAA	**28	FORMER CONSTRUCTION DEBRIS PILE
*3BB-3KK	FORMER TANKS T-714 THROUGH T-722, T-724	*5B	FORMER UNIT 1200 STABILIZATION UNIT	*9E	FORMER OBA CANISTER SHREDDER	*16W	FORMER SAA BETWEEN 700 AND 702	30	UNDERGROUND PIPE CHASE
*3SS-3VV	FORMER TANKS T-1101, T-1102, T-1201 & T-1202	5C	UNIT 1200A STABILIZATION UNIT	*11	FORMER SOLVENT RECOVERY SYSTEM	*16X	FORMER SAA BETWEEN 700 AND 702	*32	UNPAVED TRAILER LOT
*3PPP	FORMER TANK T-A	6A	UNIT 406 CONTAINER STORAGE AREA	*11	FORMER SOLVENT RECOVERY SYSTEM	*16X	FORMER SAA BETWEEN 700 AND 702	*36	FORMER INCINERATOR SCRUBBER
3QQQ	REPLACEMENT TANK T-A	6G	UNIT 1200A CONTAINER STORAGE AREA	*12	FORMER PUGMILL SOLIDIFICATION SYSTEM	16TT	TRENCH DISPOSAL DECONTAMINATION TRAILER SAA	38	BLOW-DOWN LAGOON
3RRR-3SSS	TANKS T-1701 & T-1702			*13	FORMER MIXING PIT	*17L	WESTEND DOCK LOADING/ UNLOADING AREA	43	UNIT 2000 CONTAINER MANAGEMENT UNIT
						*22A-D	FORMER DECANT TANKS		2001 LEACHATE TREATMENT PLANT
						*23	FORMER SUPER DOCK/PCB TANKS		

\* = INACTIVE SWMU    \*\* = NOT APPLICABLE OR DOES NOT MEET DEFINITION OF A SWMU. SEE TABLE L-1 FOR FURTHER DEFINITION OF SWMU STATUS.



REV	DATE	REVISION DESCRIPTION
5.0		RCRA PART B PERMIT RENEWAL
08/22		RCRA PART B PERMIT RENEWAL

THIS LINE IS ONE INCH LONG WHEN PLOTTED FULL SCALE  
 THIS DRAWING MUST BE USED IN CONJUNCTION WITH THE APPLICABLE OR GOVERNING TECHNICAL SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS.  
 PROJECT NO: D3279702  
 DATE: AUGUST 2022  
 DISC. LEAD: MTF    DESIGNER: RAK    CHECKER: SBT  
 SHEET TITLE

SOLID WASTE MANAGEMENT UNITS - SITE BUILDINGS MASTER PLAN





REV	DATE	REVISION DESCRIPTION
1.01	08/22	RCRA PART B PERMIT RENEWAL

THIS LINE IS ONE INCH LONG WHEN PLOTTED FULL SCALE  
 THIS DRAWING MUST BE USED IN CONJUNCTION WITH THE APPLICABLE OR GOVERNING TECHNICAL SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS.  
 PROJECT NO: D3279702  
 DATE: AUGUST 2022  
 DISC. LEAD: MTF    DESIGNER: RAK    CHECKER: SBT

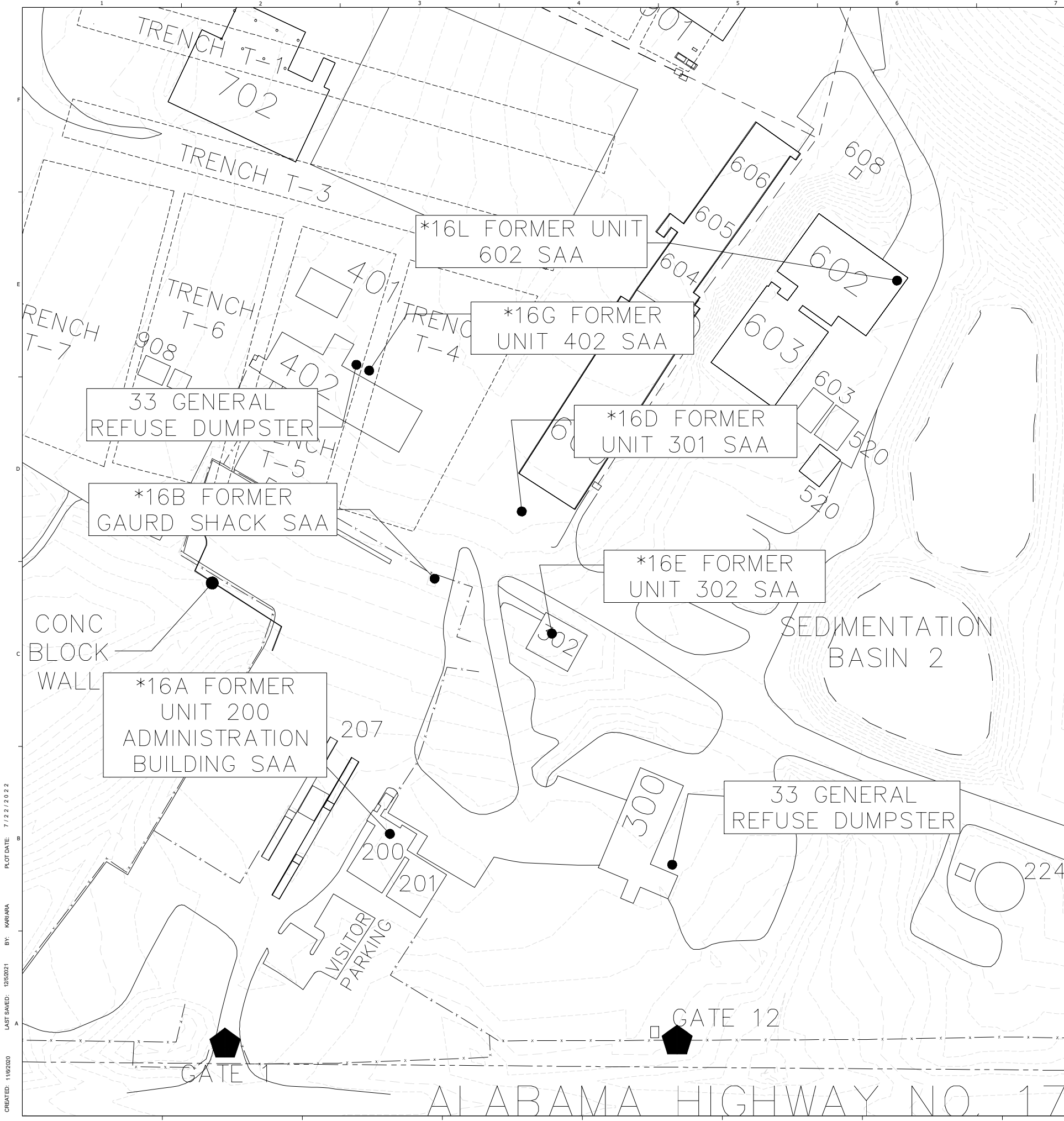
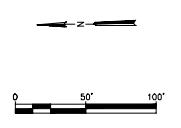
SWMUs IDENTIFIED ON THIS SHEET:

NO IDENTIFICATION

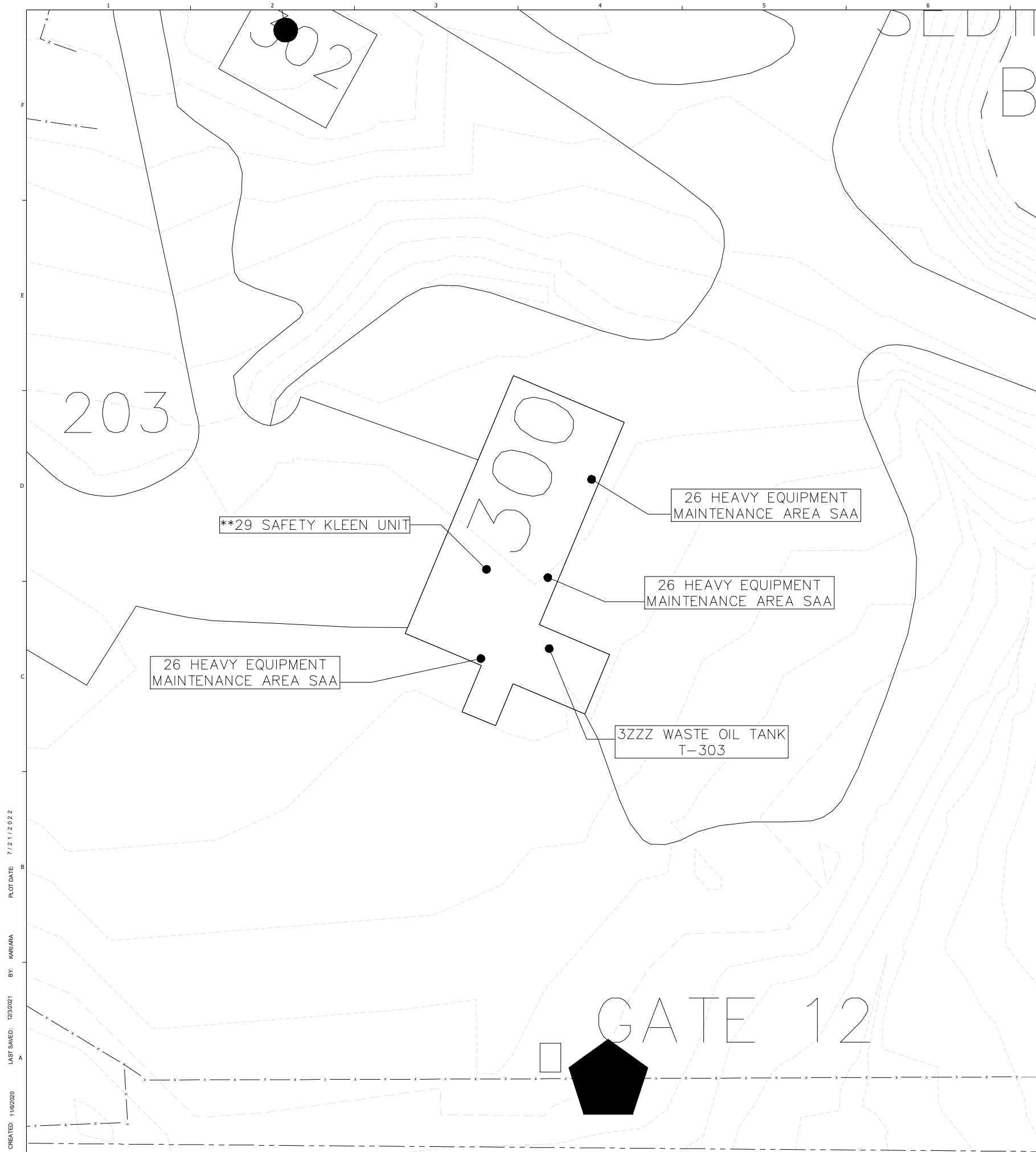
- \*16A FORMER UNIT 200 ADMINISTRATION BUILDING SAA
- \*16B FORMER GAURD SHACK SAA
- \*16D FORMER UNIT 301 SAA
- \*16E FORMER UNIT 302 SAA
- \*16G FORMER UNIT 402 SAA
- \*16L FORMER UNIT 602 SAA
- 33 GENERAL REFUSE DUMPSTER

\* = INACTIVE SWMU

\* \* = NOT APPLICABLE OR DOES NOT MEET DEFINITION OF A SWMU. SEE TABLE L-1 FOR FURTHER DEFINITION OF SWMU STATUS.



CREATED: 11/02/2020    BY: KARLARA    PLOT DATE: 7/12/2022  
 LAST SAVED: 12/20/21

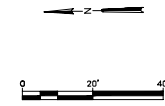


SWMUs IDENTIFIED ON THIS SHEET:

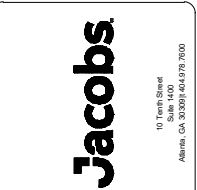
- NO IDENTIFICATION
- 3ZZZ WASTE OIL TANK T-303
- 26 HEAVY EQUIPMENT MAINTENANCE AREA SAAs
- \*\* 29 SAFETY KLEEN UNIT

\* = INACTIVE SWMU

\*\* = NOT APPLICABLE OR DOES NOT MEET DEFINITION OF A SWMU. SEE TABLE L-1 FOR FURTHER DEFINITION OF SWMU STATUS.



CREATED: 11/02/2020  
 LAST SAVED: 12/20/2021  
 BY: KARINA  
 PLOT DATE: 7/21/2022



NOT RELEASED FOR CONSTRUCTION

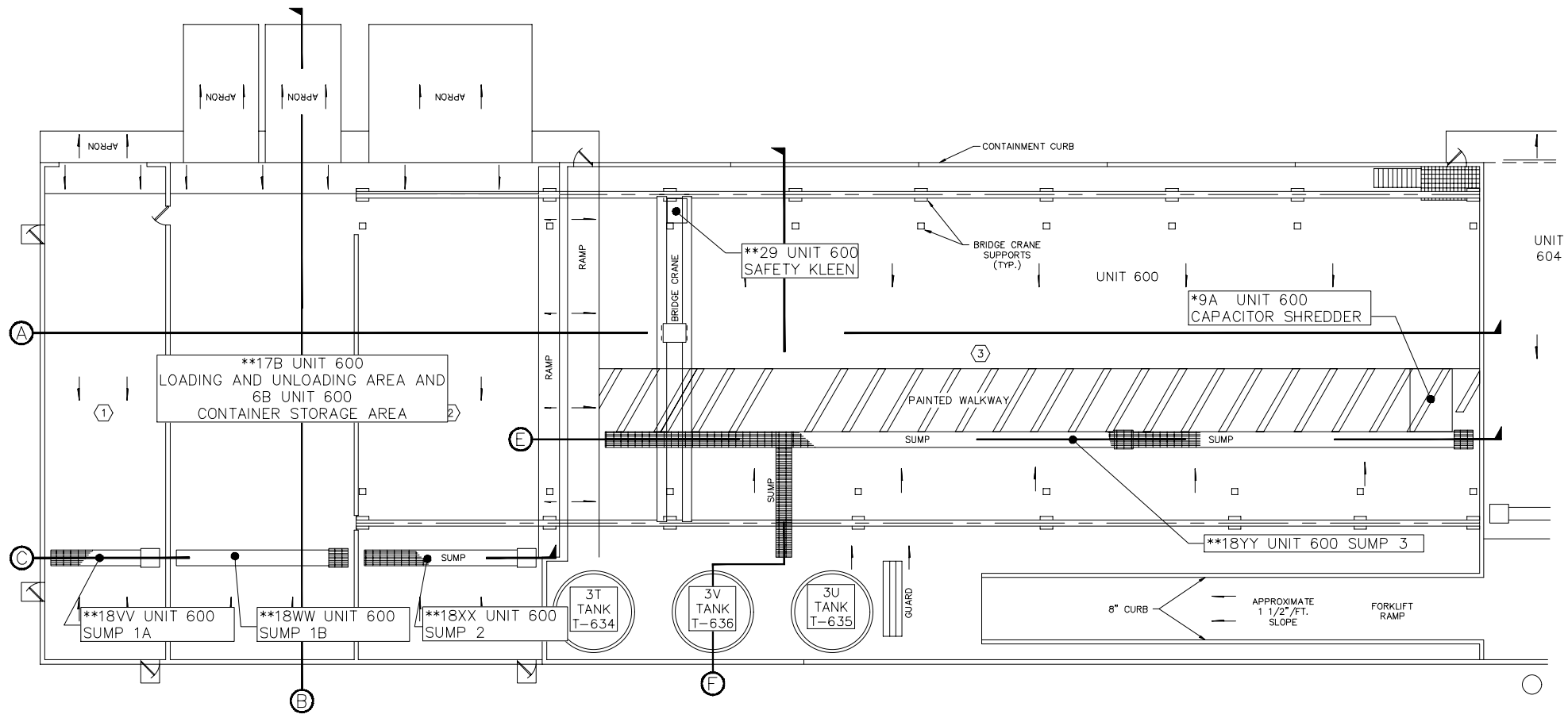


RCRA PART B PERMIT APPLICATION  
 CHEMICAL WASTE MANAGEMENT INC.  
 EMELLE, ALABAMA TREATMENT FACILITY  
 SUTTER COUNTY, AL

REV	DATE	REVISION DESCRIPTION
01	08/22	RCRA PART B PERMIT RENEWAL

THIS LINE IS ONE INCH LONG WHEN PLOTTED FULL SCALE.  
 THIS DRAWING MUST BE USED IN CONJUNCTION WITH THE APPLICABLE OR GOVERNING TECHNICAL SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS.  
 PROJECT NO: D3279702  
 DATE: AUGUST 2022  
 DISC. LEAD: MTF  
 DESIGNER: RAK  
 CHECKER: SBT





SWMUs IDENTIFIED ON THIS SHEET

NO IDENTIFICATION

- 3T-3V TANKS T-634 THROUGH T-636
- 6B UNIT 600 CONTAINER STORAGE AREA
- \* 9A UNIT 600 CAPACITOR SHREDDER
- \*\* 17B UNIT 600 LOADING AND UNLOADING AREA
- \*\* 18VV- UNIT 600 SUMPS 1A, 1B, 2 & 3
- 18YY
- \*\* 29 UNIT 600 SAFETY KLEEN

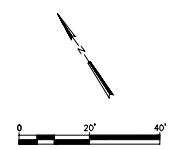
\* = INACTIVE SWMU  
 \*\* = NOT APPLICABLE OR DOES NOT MEET DEFINITION OF A SWMU. SEE TABLE L-1 FOR FURTHER DEFINITION OF SWMU STATUS.

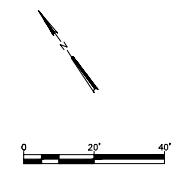
NO.	DATE	REVISION DESCRIPTION
1.01	0822	RCRA PART B PERMIT RENEWAL

THIS DRAWING MUST BE USED IN CONFORMANCE WITH THE APPLICABLE OR GOVERNING TECHNICAL SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS.  
 PROJECT NO: D3279702  
 DATE: AUGUST 2022  
 DISC. LEAD: MTF  
 DESIGNER: RAK  
 CHECKER: SBT

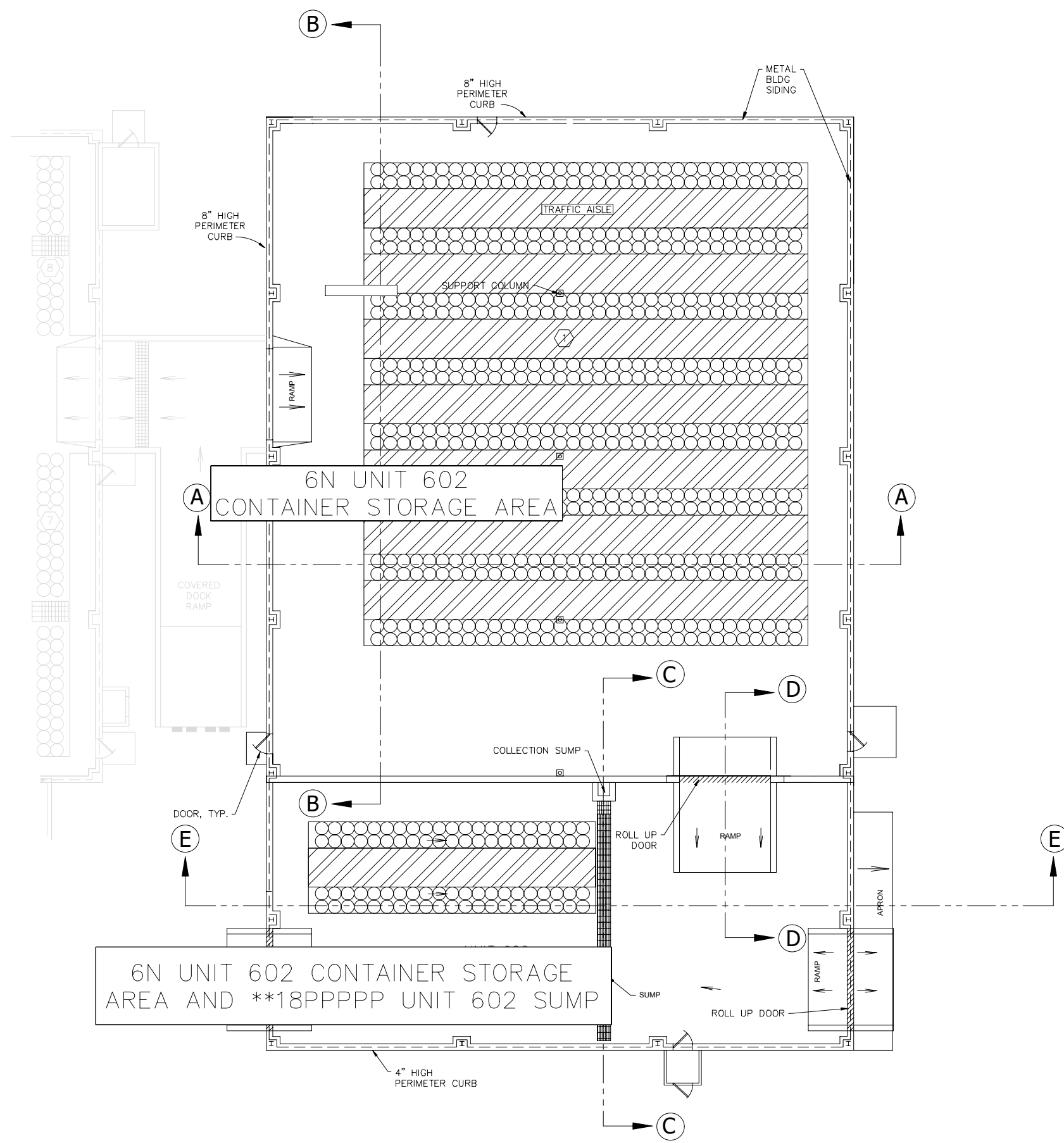
CONTAINER AND TANK MANAGEMENT UNIT 600

CREATED: 10/20/2020  
 LAST SAVED: 12/14/2021  
 BY: KAR/AMA  
 PLOT DATE: 7/21/2022





UNIT 603  
 REFERENCE DRAWING  
 0603-020-001



SWMUs IDENTIFIED ON THIS SHEET

- NO IDENTIFICATION
- 6N UNIT 602 CONTAINER STORAGE AREA
- ✕✕ 18PPPPP UNIT 602 SUMP

✕ = INACTIVE SWMU

✕✕ = NOT APPLICABLE OR DOES NOT MEET DEFINITION OF A SWMU. SEE TABLE L-1 FOR FURTHER DEFINITION OF SWMU STATUS.

CREATED: 11/02/2020  
 LAST SAVED: 12/7/2021  
 BY: KAR/AMA  
 PLOT DATE: 7/12/2022

REV	DATE	REVISION DESCRIPTION
01	08/22	RCRA PART B PERMIT RENEWAL

THIS LINE IS ONE INCH LONG WHEN PLOTTED FULL SCALE

THIS DRAWING MUST BE USED IN CONJUNCTION WITH THE APPLICABLE OR GOVERNING TECHNICAL SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS.

PROJECT NO: D3279702

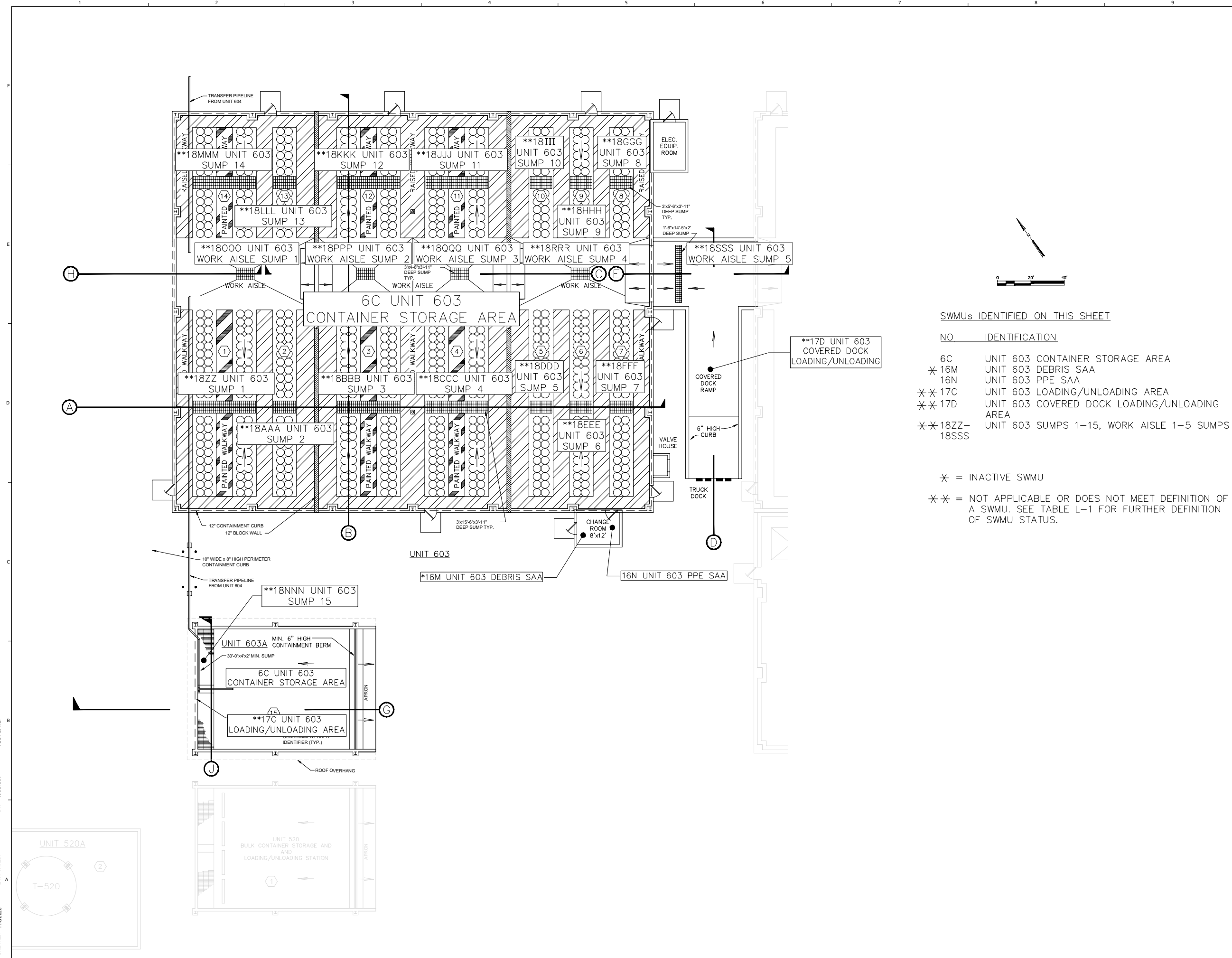
DATE: AUGUST 2022

DISC. LEAD: MTF  
 DESIGNER: RAK  
 CHECKER: SBT





RCRA PART B PERMIT APPLICATION  
 CHEMICAL WASTE MANAGEMENT INC.  
 EMELLE, ALABAMA TREATMENT FACILITY  
 SUMNER COUNTY, AL



**SWMUs IDENTIFIED ON THIS SHEET**

NO	IDENTIFICATION
6C	UNIT 603 CONTAINER STORAGE AREA
* 16M	UNIT 603 DEBRIS SAA
16N	UNIT 603 PPE SAA
* * 17C	UNIT 603 LOADING/UNLOADING AREA
* * 17D	UNIT 603 COVERED DOCK LOADING/UNLOADING AREA
* * 18ZZ-18SSS	UNIT 603 SUMPS 1-15, WORK AISLE 1-5 SUMPS

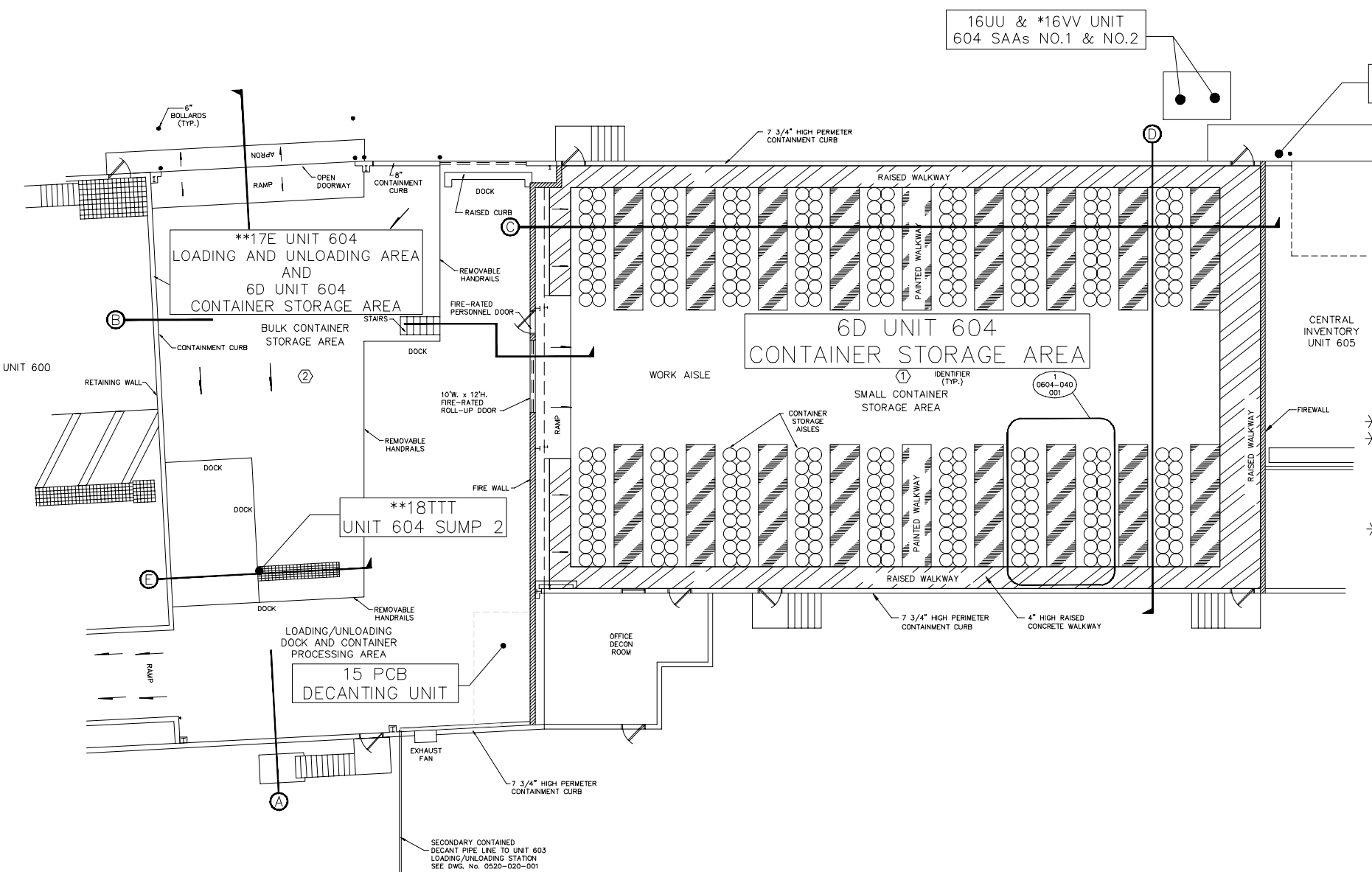
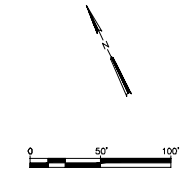
\* = INACTIVE SWMU  
 \* \* = NOT APPLICABLE OR DOES NOT MEET DEFINITION OF A SWMU. SEE TABLE L-1 FOR FURTHER DEFINITION OF SWMU STATUS.

CREATED: 11/02/2020  
 LAST SAVED: 12/7/2021  
 BY: KARI/ARA  
 PLOT DATE: 7/12/2022

REV	DATE	REVISION DESCRIPTION
01	08/22	RCRA PART B PERMIT RENEWAL

THIS LINE IS ONE INCH LONG WHEN PLOTTED FULL SCALE  
 THIS DRAWING MUST BE USED IN CONJUNCTION WITH THE APPLICABLE OR GOVERNING TECHNICAL SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS.  
 PROJECT NO: D3279702  
 DATE: AUGUST 2022  
 DISC. LEAD: MTF  
 DESIGNER: RAK  
 CHECKER: SBT  
 SHEET TITLE  
 CONTAINER STORAGE - UNIT 603  
 SHEET L-603





SWMUs IDENTIFIED ON THIS SHEET

NO	IDENTIFICATION
6D	UNIT 604 CONTAINER STORAGE AREA
15	PCB DECANTING UNIT
16UU	UNIT 604 SAA NO.1
* 16VV	UNIT 604 SAA NO.2
16CCC	UNIT 604 SAA NO.3
** 17E	UNIT 604 LOADING/UNLOADING AREA
** 18TTT	UNIT 604 SUMP 2

\* = INACTIVE SWMU  
\*\* = NOT APPLICABLE OR DOES NOT MEET DEFINITION OF A SWMU. SEE TABLE L-1 FOR FURTHER DEFINITION OF SWMU STATUS.

REV	DATE	REVISION DESCRIPTION
01	0822	RCRA PART B PERMIT RENEWAL

THIS LINE IS ONE INCH LONG WHEN PLOTTED FULL SCALE  
THIS DRAWING MUST BE USED IN CONJUNCTION WITH THE APPLICABLE OR GOVERNING TECHNICAL SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS.  
PROJECT NO: D3279702  
DATE: AUGUST 2022  
DISC. LEAD: MTF DESIGNER: RAK CHECKER: SBT

CONTAINER MANAGEMENT - UNIT 604

SHEET L-604

CREATED: 1/26/2021 LAST SAVED: 1/27/2021 PLOT DATE: 7/12/2022 BY: KARI/AMA

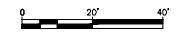




RCRA PART B PERMIT APPLICATION  
 CHEMICAL WASTE MANAGEMENT INC.  
 EMELLE, ALABAMA TREATMENT FACILITY  
 SUMNER COUNTY, AL

REV	DATE	REVISION DESCRIPTION
01	08/22	RCRA PART B PERMIT RENEWAL

THIS LINE IS ONE INCH LONG WHEN PLOTTED FULL SCALE  
 THIS DRAWING MUST BE USED IN CONJUNCTION WITH THE APPLICABLE OR GOVERNING TECHNICAL SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS.  
 PROJECT NO: D3279702  
 DATE: AUGUST 2022  
 DISC. LEAD: MTF  
 DESIGNER: RAK  
 CHECKER: SBT

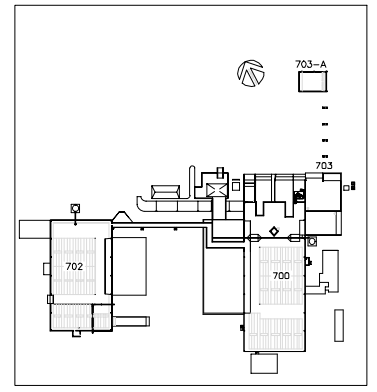


SWMUs IDENTIFIED ON THIS SHEET

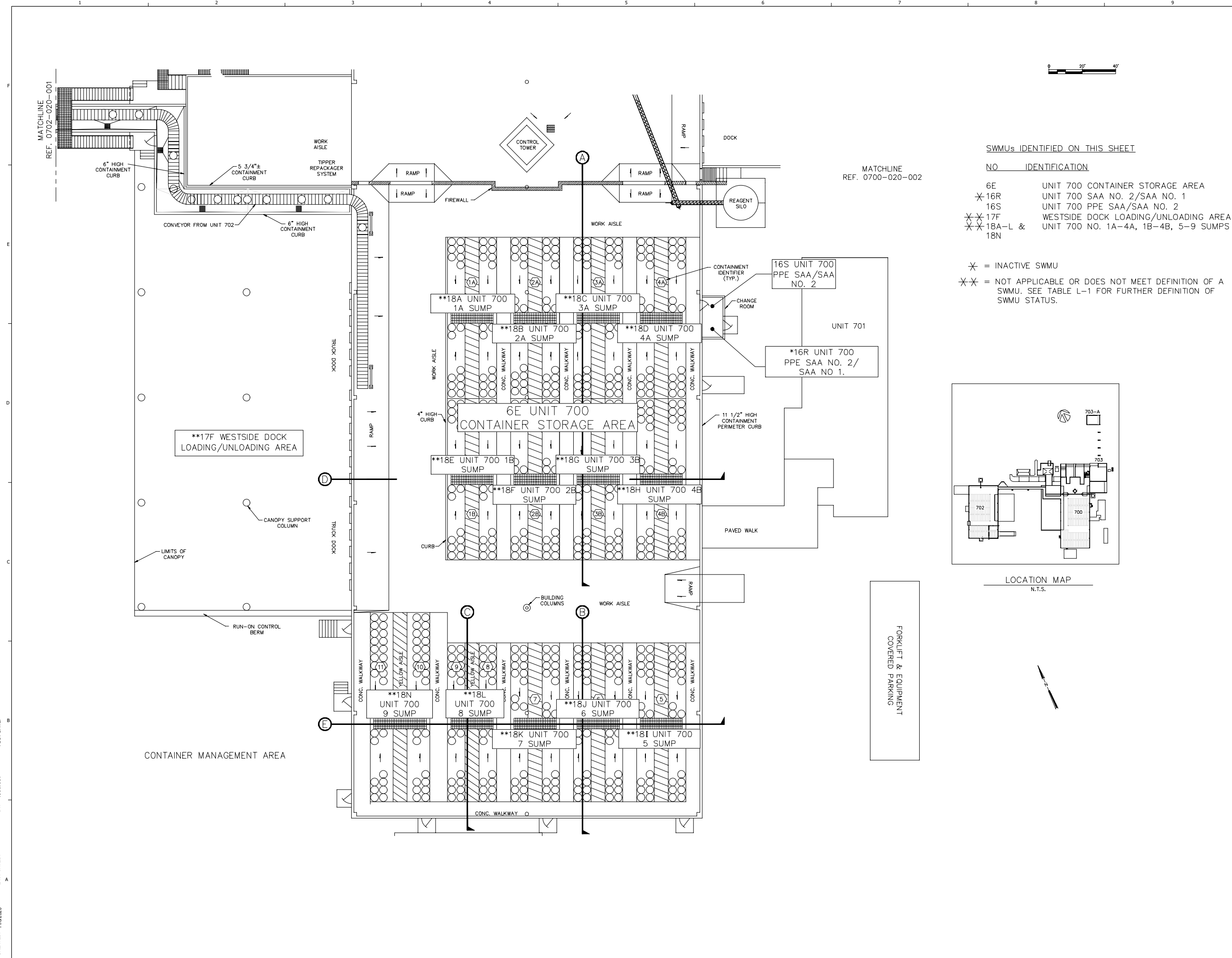
NO IDENTIFICATION

- 6E UNIT 700 CONTAINER STORAGE AREA
- \*16R UNIT 700 SAA NO. 2/SAA NO. 1
- 16S UNIT 700 PPE SAA/SAA NO. 2
- \*17F WESTSIDE DOCK LOADING/UNLOADING AREA
- \*18A-L & UNIT 700 NO. 1A-4A, 1B-4B, 5-9 SUMPS
- 18N

\* = INACTIVE SWMU  
 \*\* = NOT APPLICABLE OR DOES NOT MEET DEFINITION OF A SWMU. SEE TABLE L-1 FOR FURTHER DEFINITION OF SWMU STATUS.



LOCATION MAP  
 N.T.S.

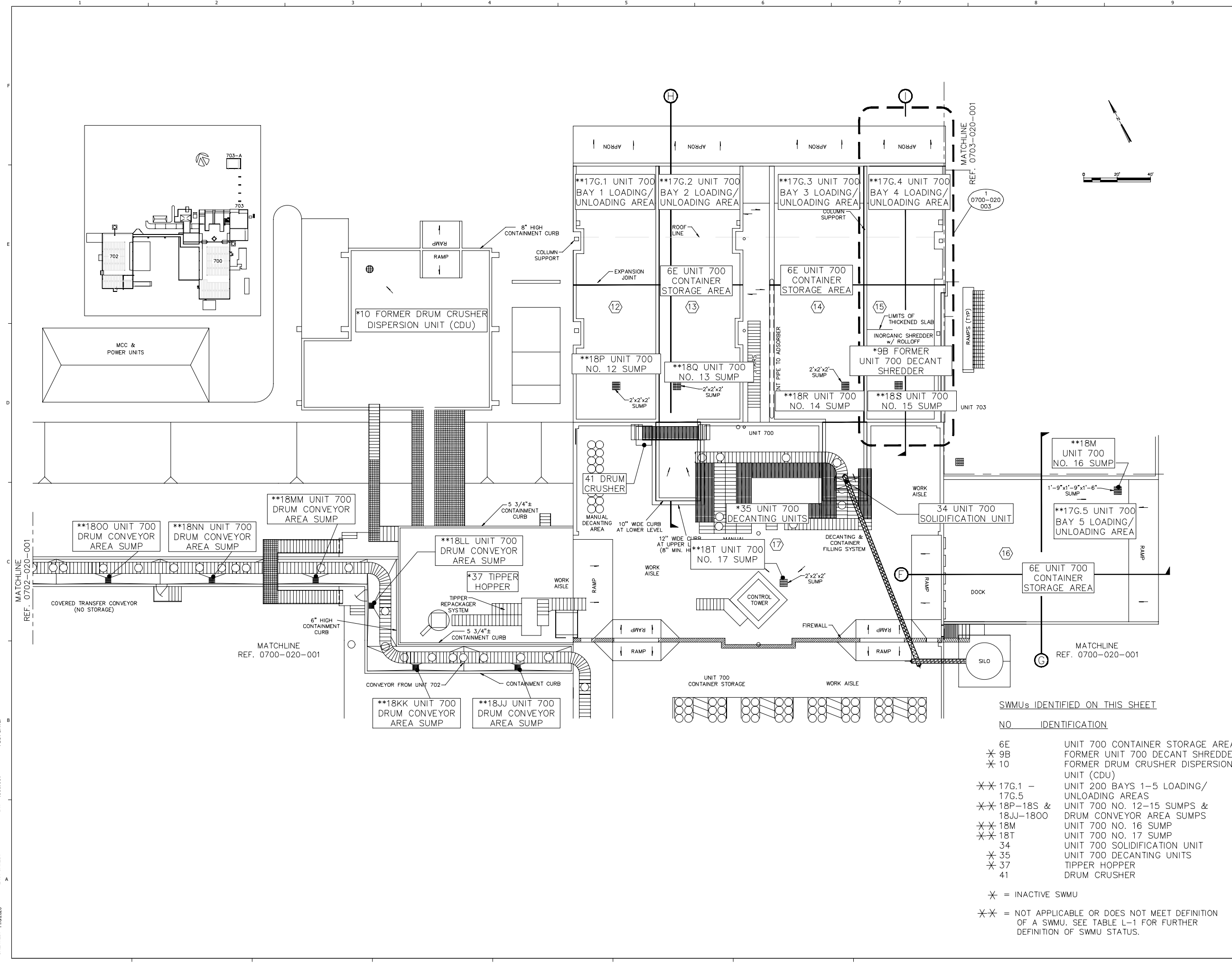


CREATED: 11/02/2020  
 LAST SAVED: 12/7/2021  
 BY: KAR/MA  
 PLOT DATE: 7/12/2022



NO.	DATE	REVISION DESCRIPTION
1.01	08/22	RCRA PART B PERMIT RENEWAL

DATE:	AUGUST 2022
DISC. LEAD:	MTF
DESIGNER:	RAK
CHECKER:	SBT
SHEET TITLE	
CONTAINER MANAGEMENT - UNIT 700 (2 OF 2)	
SHEET	L-700B



**SWMUs IDENTIFIED ON THIS SHEET**

**NO IDENTIFICATION**

- 6E UNIT 700 CONTAINER STORAGE AREA
- \* 9B FORMER UNIT 700 DECANT SHREDDER
- \* 10 FORMER DRUM CRUSHER DISPERSION UNIT (CDU)
- \* 17G.1 - UNIT 700 BAYS 1-5 LOADING/ UNLOADING AREAS
- \* 17G.5 UNIT 700 BAY 5 LOADING/ UNLOADING AREA
- \* 18P-18S & 18JJ-1800 UNIT 700 NO. 12-15 SUMPS & DRUM CONVEYOR AREA SUMPS
- \* 18M UNIT 700 NO. 16 SUMP
- \* 18T UNIT 700 NO. 17 SUMP
- \* 34 UNIT 700 SOLIDIFICATION UNIT
- \* 35 UNIT 700 DECANTING UNITS
- \* 37 TIPPER HOPPER
- 41 DRUM CRUSHER

\* = INACTIVE SWMU

\* \* = NOT APPLICABLE OR DOES NOT MEET DEFINITION OF A SWMU. SEE TABLE L-1 FOR FURTHER DEFINITION OF SWMU STATUS.

CREATED: 11/02/2020  
 LAST SAVED: 12/7/2021  
 BY: KAR/AMA  
 PLOT DATE: 7/12/2022

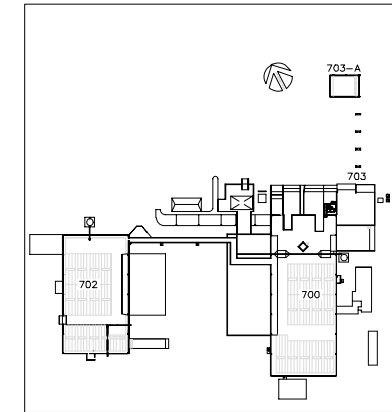
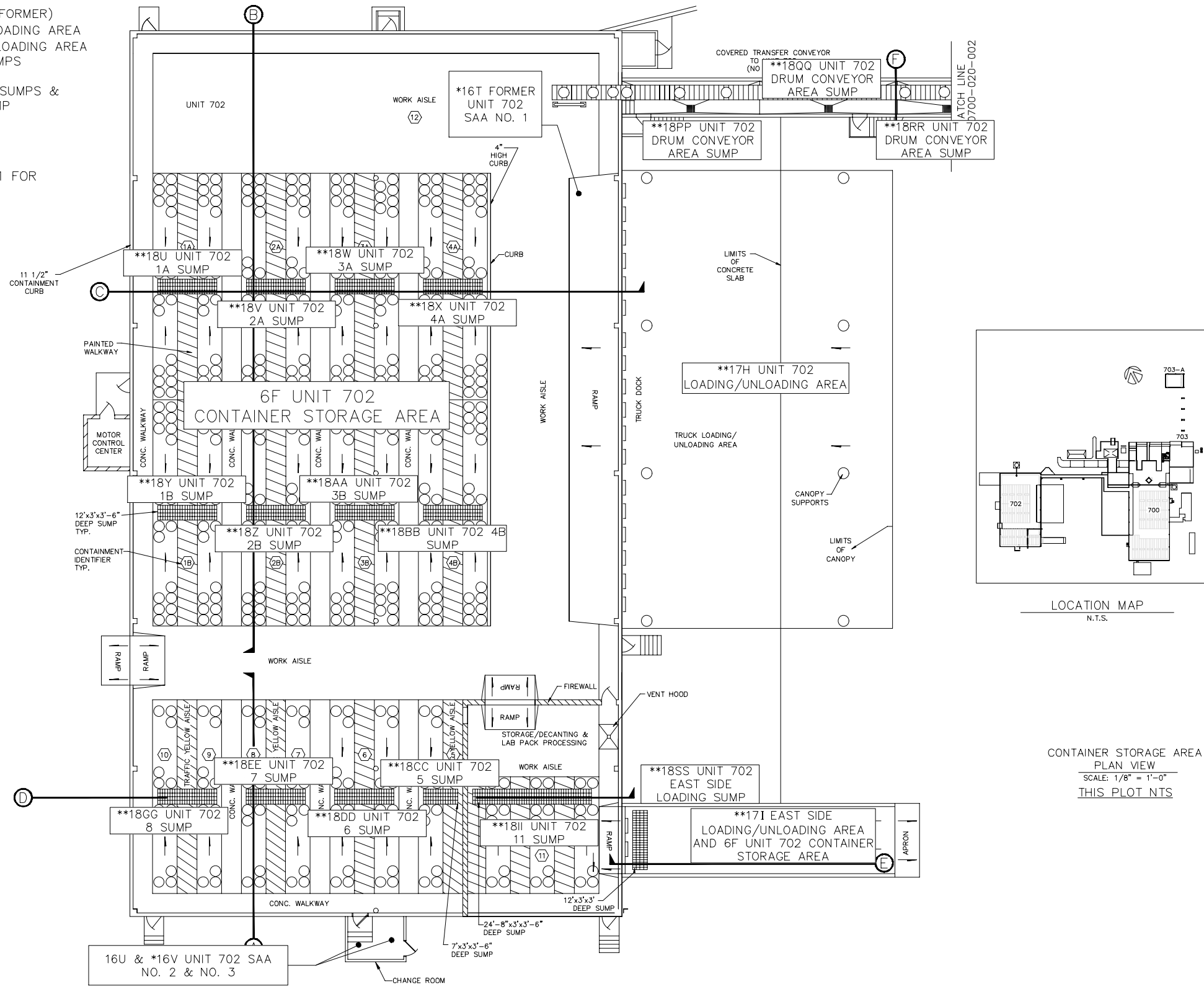
SWMUs IDENTIFIED ON THIS SHEET

NO IDENTIFICATION

- 6F UNIT 702 CONTAINER STORAGE AREA
- \*16T UNIT 702 SAAs NO. 1 (FORMER)
- 16U UNIT 702 SAAs NO. 2
- \*16V UNIT 702 SAAs NO. 3 (FORMER)
- \*17H UNIT 702 LOADING/UNLOADING AREA
- \*17I EAST SIDE LOADING/UNLOADING AREA
- \*18U-18EE, 18GG UNIT 702 NO. 1A-8 SUMPS
- \*18II UNIT 702 NO. 11 SUMP
- \*18PP-18SS DRUM CONVEYOR AREA SUMPS & EAST SIDE LOADING SUMP

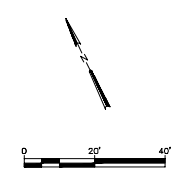
\* = INACTIVE SWMU

\*\* = NOT APPLICABLE OR DOES NOT MEET DEFINITION OF A SWMU. SEE TABLE L-1 FOR FURTHER DEFINITION OF SWMU STATUS.



LOCATION MAP  
N.T.S.

CONTAINER STORAGE AREA  
PLAN VIEW  
SCALE: 1/8" = 1'-0"  
THIS PLOT NTS



NOT RELEASED FOR CONSTRUCTION



RCRA PART B PERMIT APPLICATION  
CHEMICAL WASTE MANAGEMENT INC.  
EMELLE, ALABAMA TREATMENT FACILITY  
SUTTER COUNTY, AL

NO.	REVISION DESCRIPTION	DATE
1	RCRA PART B PERMIT RENEWAL	

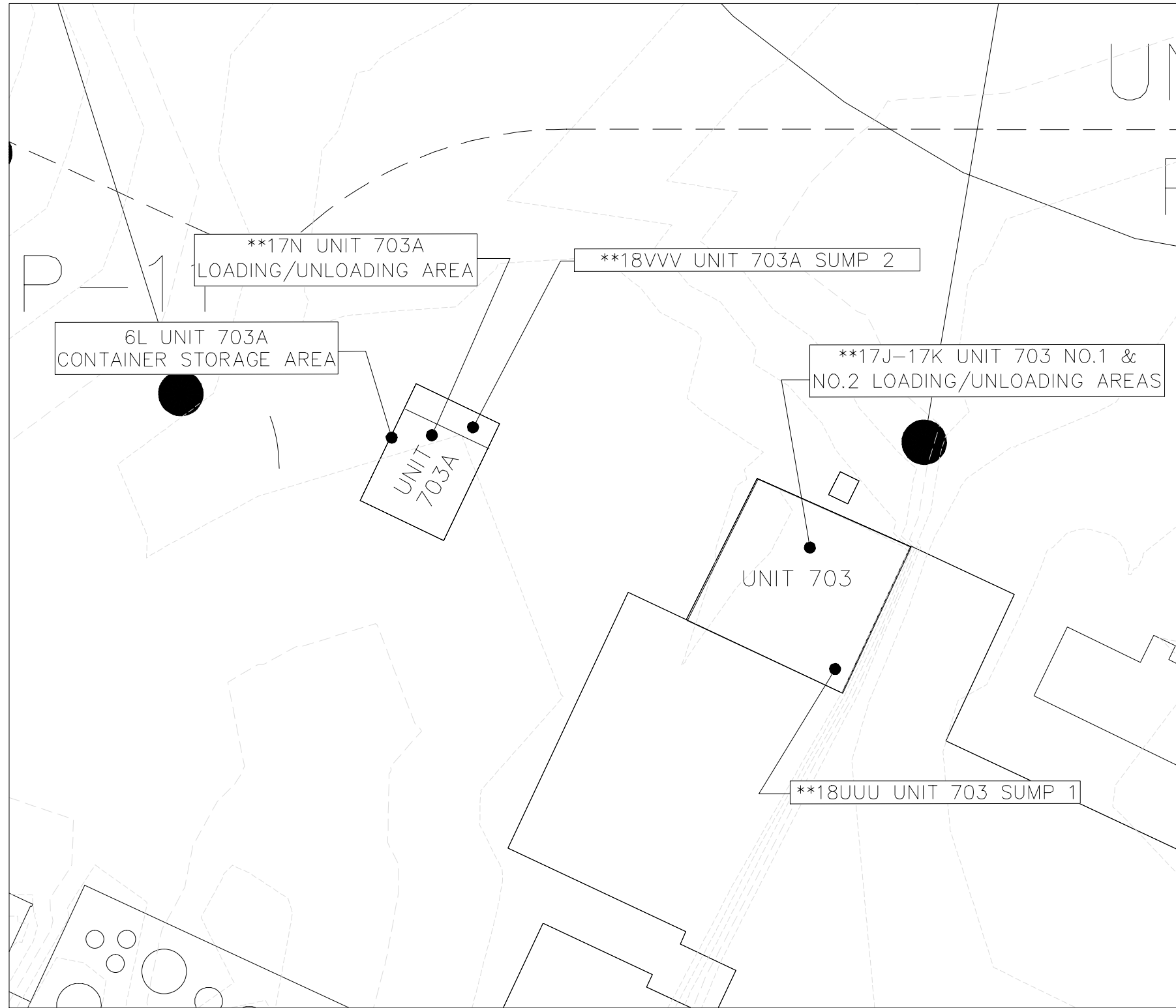
THIS LINE IS ONE INCH LONG WHEN PLOTTED FULL SCALE  
THIS DRAWING MUST BE USED IN CONJUNCTION WITH THE APPLICABLE OR GOVERNING TECHNICAL SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS.  
PROJECT NO: D3279702  
DATE: AUGUST 2022  
DISC. LEAD: MTF  
DESIGNER: RAK  
CHECKER: SBT  
SHEET TITLE

CONTAINER MANAGEMENT - UNIT 702

SHEET L-702

CREATED: 11/02/2020  
 LAST SAVED: 12/7/2021  
 BY: KAR/AMA  
 PLOT DATE: 7/22/2022

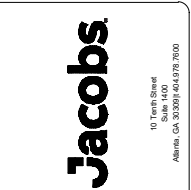
CREATED: 11/02/2020  
 LAST SAVED: 12/20/2021  
 BY: KARIANA  
 PLOT DATE: 7/22/2022



SWMUs IDENTIFIED ON THIS SHEET:

NO	IDENTIFICATION
6L	UNIT 703A CONTAINER STORAGE AREA
**17J-17K	UNIT 703 NO. 1 & NO. 2 LOADING/UNLOADING AREA
**17N	UNIT 703A LOADING/UNLOADING AREA
**18UUU	UNIT 703 SUMP 1
**18VVV	UNIT 703A SUMP 2

\* = INACTIVE SWMU  
 \*\* = NOT APPLICABLE OR DOES NOT MEET DEFINITION OF A SWMU. SEE TABLE L-1 FOR FURTHER DEFINITION OF SWMU STATUS.



NOT RELEASED FOR CONSTRUCTION



RCRA PART B PERMIT APPLICATION  
 CHEMICAL WASTE MANAGEMENT INC.  
 EMELLE, ALABAMA TREATMENT FACILITY  
 SWAYER COUNTY, AL

NO	DATE	REVISION DESCRIPTION
1	08/22	RCRA PART B PERMIT RENEWAL

THIS LINE IS ONE INCH LONG WHEN PLOTTED FULL SCALE.  
 THIS DRAWING MUST BE USED IN CONJUNCTION WITH THE APPLICABLE OR GOVERNING TECHNICAL SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS.  
 PROJECT NO: D3279702  
 DATE: AUGUST 2022  
 DISC. LEAD: MTF  
 DESIGNER: RAK  
 CHECKER: SBT

SHEET TITLE  
 SOLID WASTE MANAGEMENT UNITS - UNIT 703 & 703A  
 SHEET L-703





RCRA PART B PERMIT APPLICATION  
 CHEMICAL WASTE MANAGEMENT INC.  
 EMELLE, ALABAMA TREATMENT FACILITY  
 SENTER COUNTY, AL

REV	DATE	REVISION DESCRIPTION
01	0822	RCRA PART B PERMIT RENEWAL

THIS LINE IS ONE INCH LONG WHEN PLOTTED FULL SCALE  
 THIS DRAWING MUST BE USED IN CONJUNCTION WITH THE APPLICABLE OR GOVERNING TECHNICAL SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS.  
 PROJECT NO: D3279702  
 DATE: AUGUST 2022  
 DISC. LEAD: MTF  
 DESIGNER: RAK  
 CHECKER: SBT  
 SHEET TITLE  
 LABORATORY TANK STORAGE - UNIT 708  
 SHEET L-708

SWMUs IDENTIFIED ON THIS SHEET

NO	IDENTIFICATION
3LL-	TANKS T-725 & T-726
3MM	
4	LABORATORY WASTE CONTAINERS
* 16AA	FORMER LABORATORY SAA

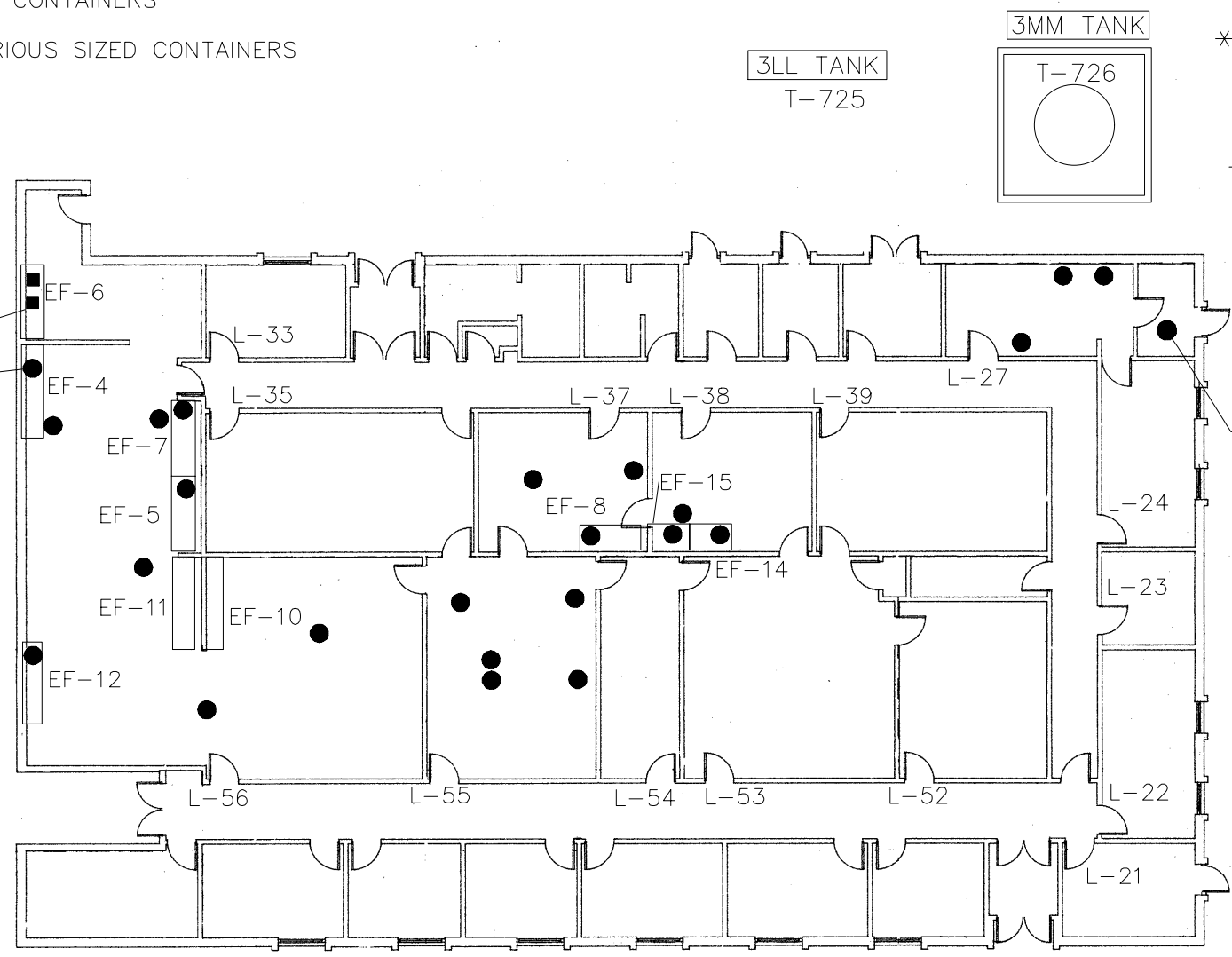
\* = INACTIVE SWMU  
 \*\* = NOT APPLICABLE OR DOES NOT MEET DEFINITION OF A SWMU. SEE TABLE L-1 FOR FURTHER DEFINITION OF SWMU STATUS.

LEGEND

- LESS THAN 90-DAY STORAGE CONTAINERS
- TRASH CANS AND OTHER VARIOUS SIZED CONTAINERS
- EF-# EXHAUST FUME HOOD
- L-## LABORATORY DOOR NUMBER

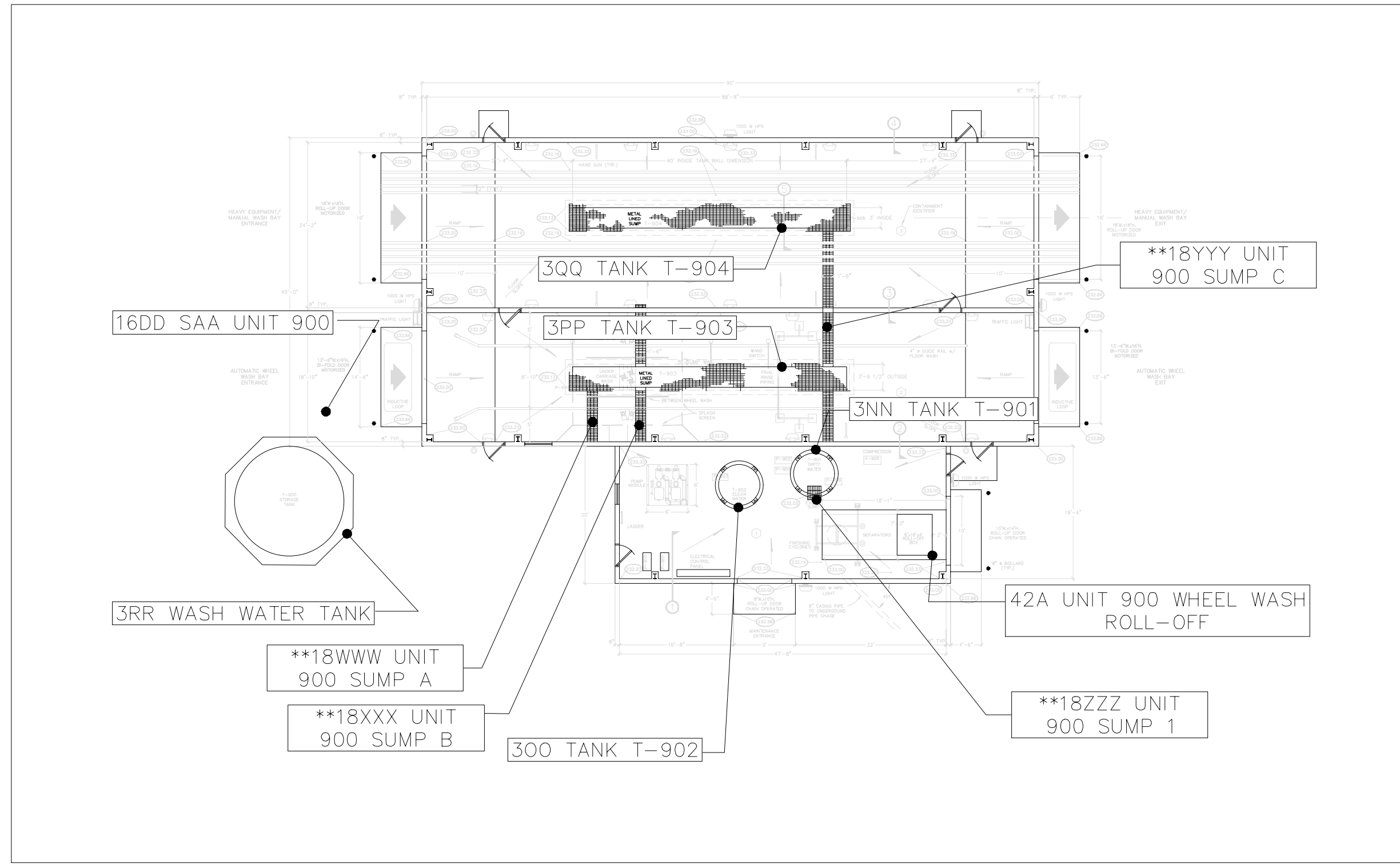
4 LABORATORY WASTE CONTAINER, TYP. 25 LOCATIONS

\*16AA FORMER LABORATORY SAA



LABORATORY FLOOR PLAN

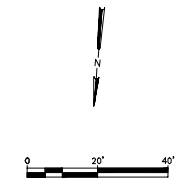
CREATED: 11/02/2020  
 LAST SAVED: 12/20/2021  
 BY: KARI/MA  
 PLOT DATE: 7/22/2022



SWMUs IDENTIFIED ON THIS SHEET:

NO	IDENTIFICATION
3NN-	TANKS T-901 THROUGH T-904
3QQ	WASH WATER TANK
3RR	SAA UNIT 900
16DD	UNIT 900 SUMPS A-C & 1
**18WWW-	UNIT 900 SUMP A
18ZZZ	UNIT 900 SUMP B
42A	UNIT 900 WHEEL WASH ROLL-OFF

\* = INACTIVE SWMU  
 \*\* = NOT APPLICABLE OR DOES NOT MEET DEFINITION OF A SWMU. SEE TABLE L-1 FOR FURTHER DEFINITION OF SWMU STATUS.

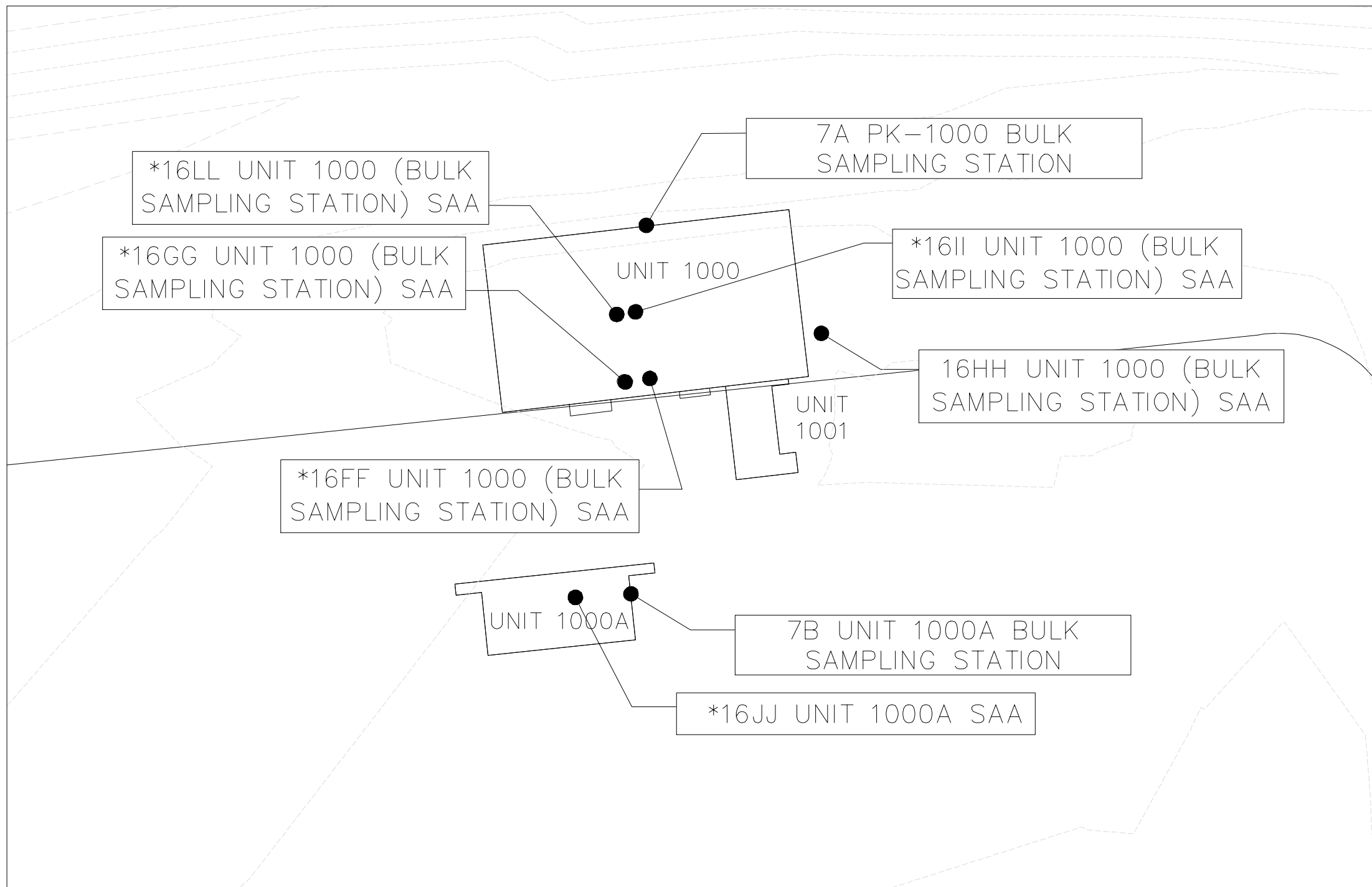


NO	DATE	REVISION DESCRIPTION
1	08/22	RCRA PART B PERMIT RENEWAL

THIS LINE IS ONE INCH LONG WHEN PLOTTED FULL SCALE  
 THIS DRAWING MUST BE USED IN CONJUNCTION WITH THE APPROPRIATE OR GOVERNING TECHNICAL SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS.  
 PROJECT NO: D3279702  
 DATE: AUGUST 2022  
 DISC. LEAD: MTF    DESIGNER: RAK    CHECKER: SBT  
 SHEET TITLE  
**SOLID WASTE MANAGEMENT UNITS - UNIT 900**  
 SHEET L-900

CREATED: 11/02/2020    LAST SAVED: 12/7/2021    PLOT DATE: 7/22/2022    BY: KARIANA





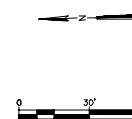
SWMUs IDENTIFIED ON THIS SHEET:

NO IDENTIFICATION

7A	PK-1000 BULK SAMPLING STATION
7B	UNIT 1000A BULK SAMPLING STATION
*16FF	UNIT 1000 (BULK SAMPLING STATION) SAA
*16GG	UNIT 1000 (BULK SAMPLING STATION) SAA
16HH	UNIT 1000 (BULK SAMPLING STATION) SAA
*16II	UNIT 1000 (BULK SAMPLING STATION) SAA
*16JJ	UNIT 1000A SAA
*16LL	UNIT 1000 (BULK SAMPLING STATION) SAA

\* = INACTIVE SWMU

\*\* = NOT APPLICABLE OR DOES NOT MEET DEFINITION OF A SWMU. SEE TABLE L-1 FOR FURTHER DEFINITION OF SWMU STATUS.



NO.	DATE	REVISION DESCRIPTION
1	08/22	RCRA PART B PERMIT RENEWAL

THIS LINE IS ONE INCH LONG WHEN PLOTTED FULL SCALE

THIS DRAWING MUST BE USED IN CONJUNCTION WITH THE APPLICABLE OR GOVERNING TECHNICAL SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS.

PROJECT NO: D3279702

DATE: AUGUST 2022

DISC. LEAD:	DESIGNER:	CHECKER:
MTF	RAK	SBT

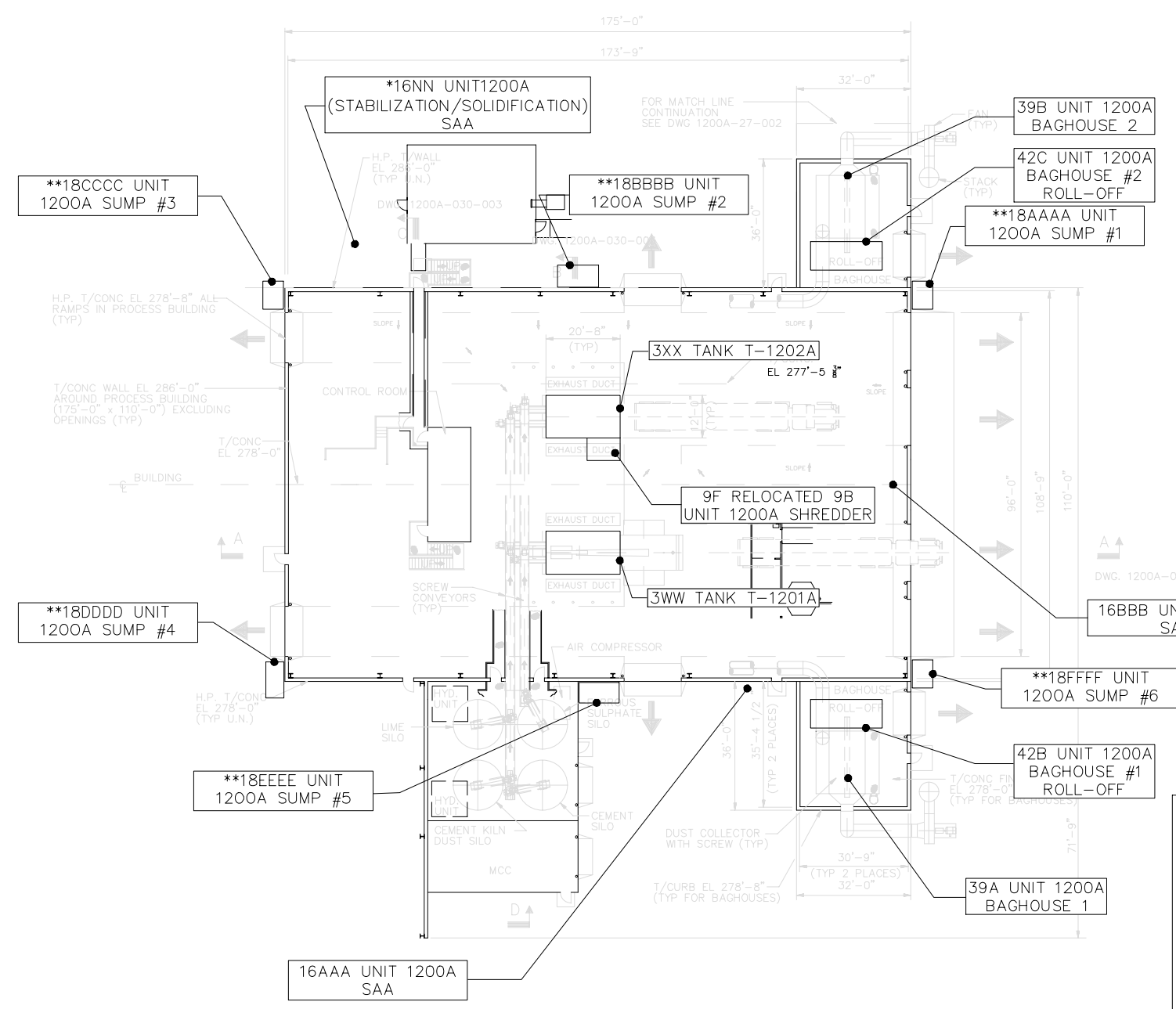
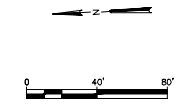
SHEET TITLE



RCRA PART B PERMIT APPLICATION  
 CHEMICAL WASTE MANAGEMENT INC.  
 EMELLE, ALABAMA TREATMENT FACILITY  
 SENTER COUNTY, AL

REV	DATE	REVISION DESCRIPTION
01	08/22	RCRA PART B PERMIT RENEWAL

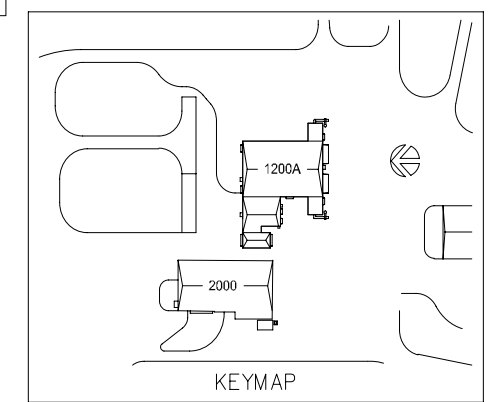
THIS DRAWING MUST BE USED IN CONJUNCTION WITH THE APPLICABLE OR GOVERNING TECHNICAL SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS.	
PROJECT NO:	D3279702
DATE:	AUGUST 2022
DISC. LEAD:	MTF
DESIGNER:	RAK
CHECKER:	SBT
SHEET TITLE	
SOLID WASTE MANAGEMENT UNITS - UNIT 1200A	
SHEET	L-1200A



SWMUs IDENTIFIED ON THIS SHEET:

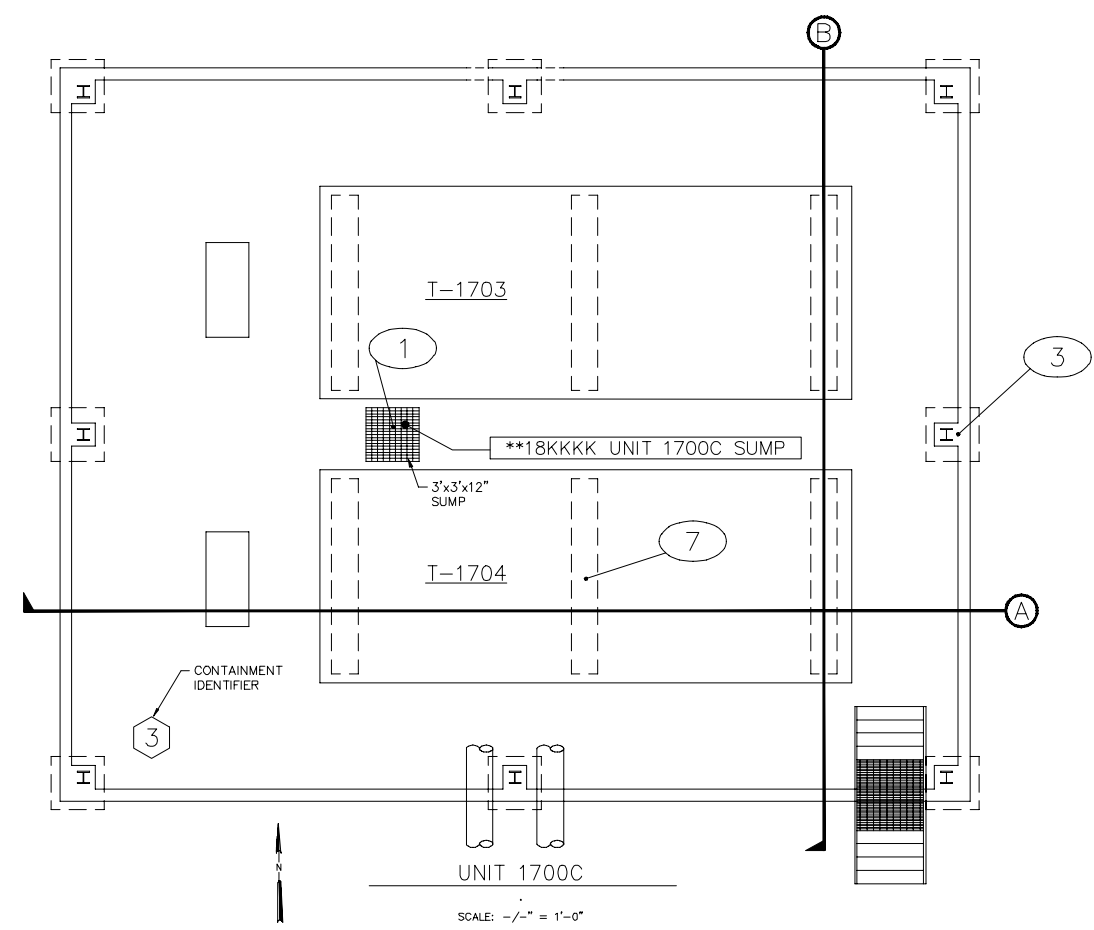
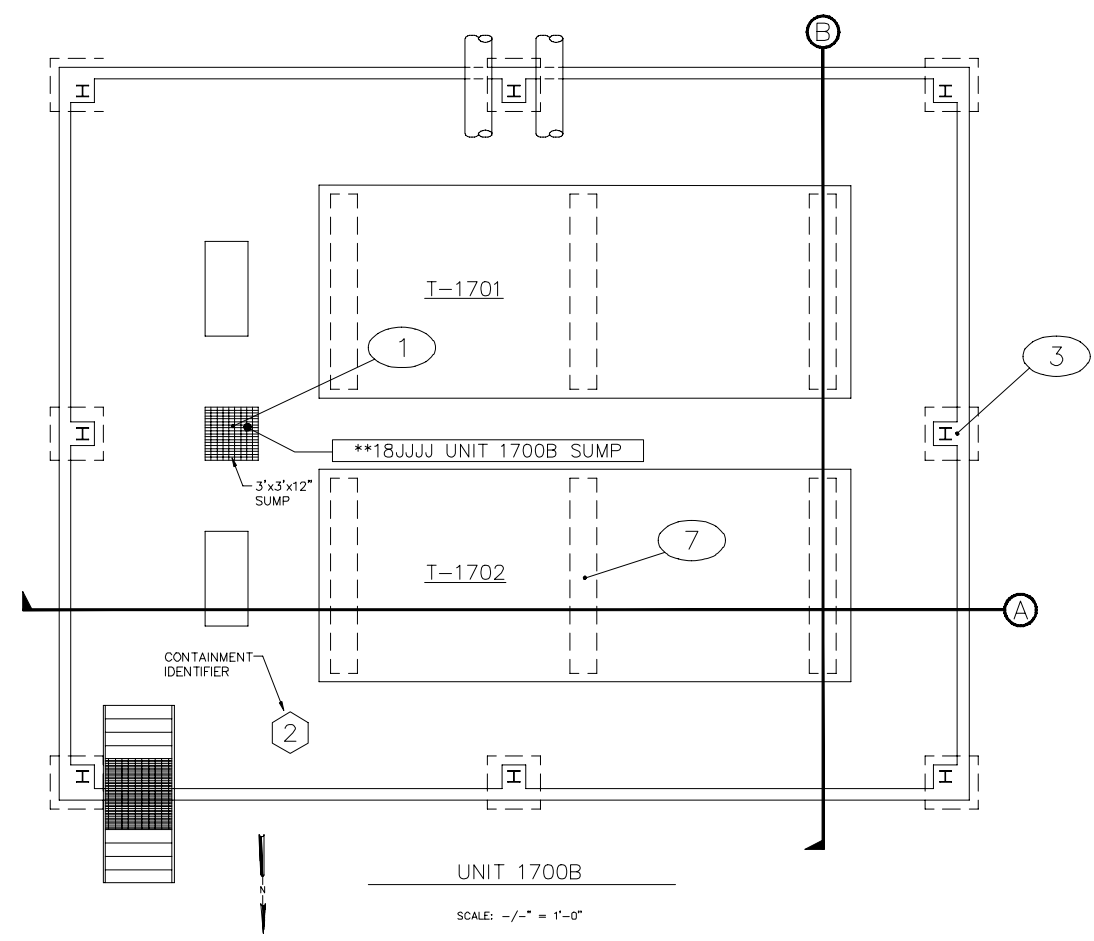
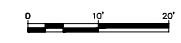
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3WW-	TANKS T-1201A & T-1202A
3XX	
9F	RELOCATED 9B UNIT 1200A SHREDDER
16AAA	UNIT 1200A (STABILIZATION/SOLIDIFICATION) SAA
16BBB	UNIT 1200A (STABILIZATION/SOLIDIFICATION) SAA
* * 18AAAA-	UNIT 1200A SUMPS #1-#6
18FFFF	
39A	UNIT 1200A BAGHOUSE 1
39B	UNIT 1200A BAGHOUSE 2
42B-42C	UNIT 1200A BAGHOUSE 1 & 2 ROLL-OFFs

\* = INACTIVE SWMU  
 \* \* = NOT APPLICABLE OR DOES NOT MEET DEFINITION OF A SWMU. SEE TABLE L-1 FOR FURTHER DEFINITION OF SWMU STATUS.



CREATED: 11/02/2020  
 LAST SAVED: 12/7/2021  
 BY: KAR/AMA  
 PLOT DATE: 7/22/2022





SWMUs IDENTIFIED ON THIS SHEET:

NO IDENTIFICATION

- \*\* 18JJJJ UNIT 1700B SUMP
- \*\* 18KKKK UNIT 1700C SUMP

✘ = INACTIVE SWMU

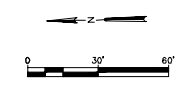
✘✘ = NOT APPLICABLE OR DOES NOT MEET DEFINITION OF A SWMU. SEE TABLE L-1 FOR FURTHER DEFINITION OF SWMU STATUS.

REV	DATE	REVISION DESCRIPTION
01	08/22	RCRA PART B PERMIT RENEWAL

THIS LINE IS ONE INCH LONG WHEN PLOTTED FULL SCALE  
 THIS DRAWING MUST BE USED IN CONJUNCTION WITH THE APPLICABLE OR GOVERNING TECHNICAL SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS.  
 PROJECT NO: D3279702  
 DATE: AUGUST 2022  
 DISC. LEAD: MTF  
 DESIGNER: RAK  
 CHECKER: SBT

SHEET TITLE  
 SOLID WASTE MANAGEMENT UNITS - UNIT 1700B AND 1700C PLAN  
 SHEET L-1700BC

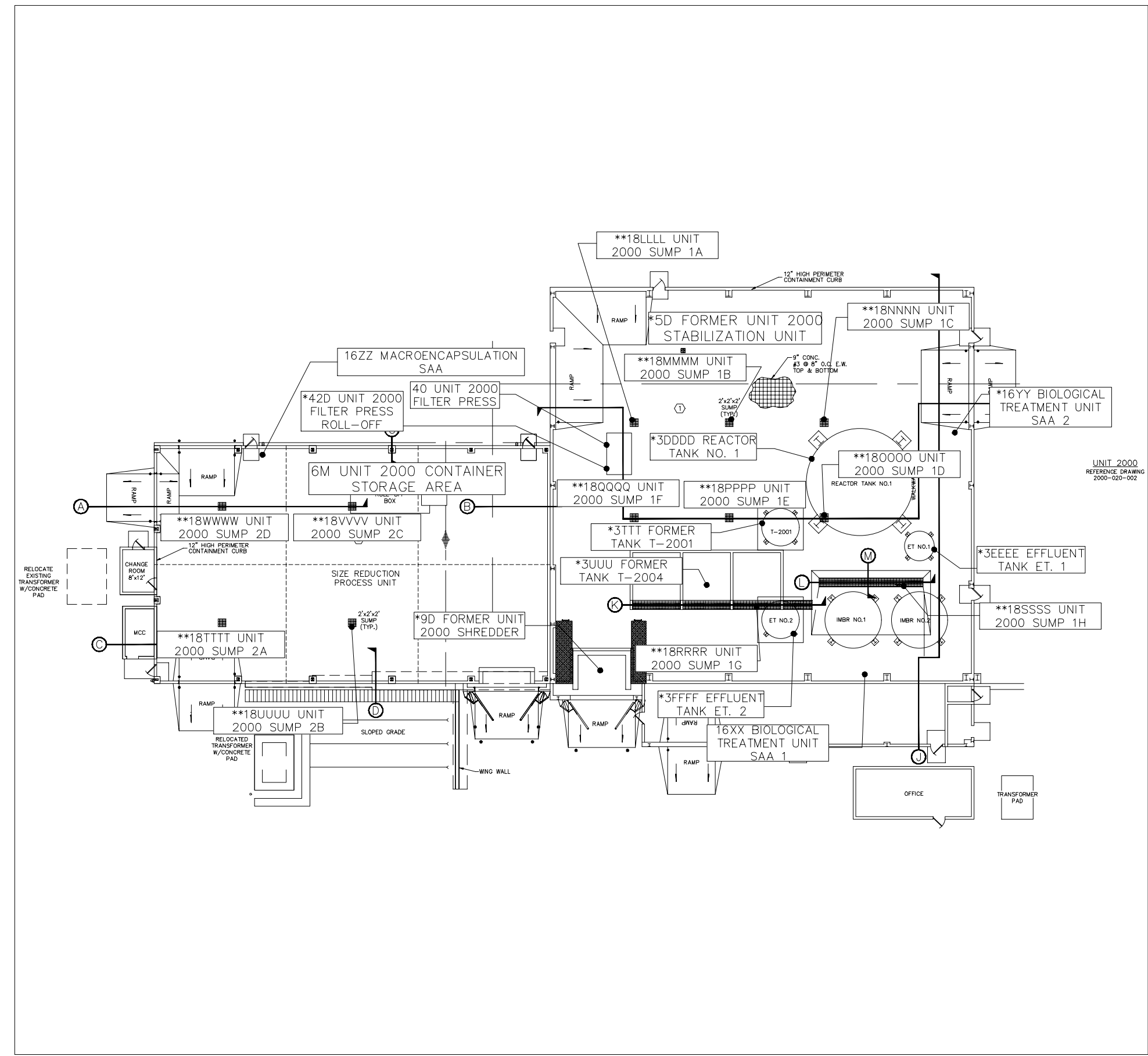
CREATED: 11/7/2020  
 LAST SAVED: 12/7/2021  
 BY: KARI/AMA  
 PLOT DATE: 7/22/2022



SWMUs IDENTIFIED ON THIS SHEET:

NO	IDENTIFICATION
* 3TTT	FORMER TANK T-2001
* 3UUU	FORMER TANK T-2004
* 3DDDD	REACTOR TANK NO. 1
* 3EEEE- 3FFFF	EFFLUENT TANKS ET. 1&2
* 5D	FORMER UNIT 2000 STABILIZATION UNIT
6M	UNIT 2000 CONTAINER STORAGE AREA
* 9D	FORMER UNIT 2000 SHREDDER
16XX	BIOLOGICAL TREATMENT UNIT SAA 1
* 16YY	BIOLOGICAL TREATMENT UNIT SAA 2
16ZZ	MACROENCAPSULATION SAA
* 18LLLL- 18WWWW 40	UNIT 2000 SUMPS 1A-1H, 2A-2D UNIT 2000 FILTER PRESS UNIT 2000 FILTER PRESS ROLL-OFF
* 42D	UNIT 2000 FILTER PRESS ROLL-OFF

\* = INACTIVE SWMU  
 \* \* = NOT APPLICABLE OR DOES NOT  
 MEET DEFINITION OF A SWMU. SEE  
 TABLE L-1 FOR FURTHER  
 DEFINITION OF SWMU STATUS.

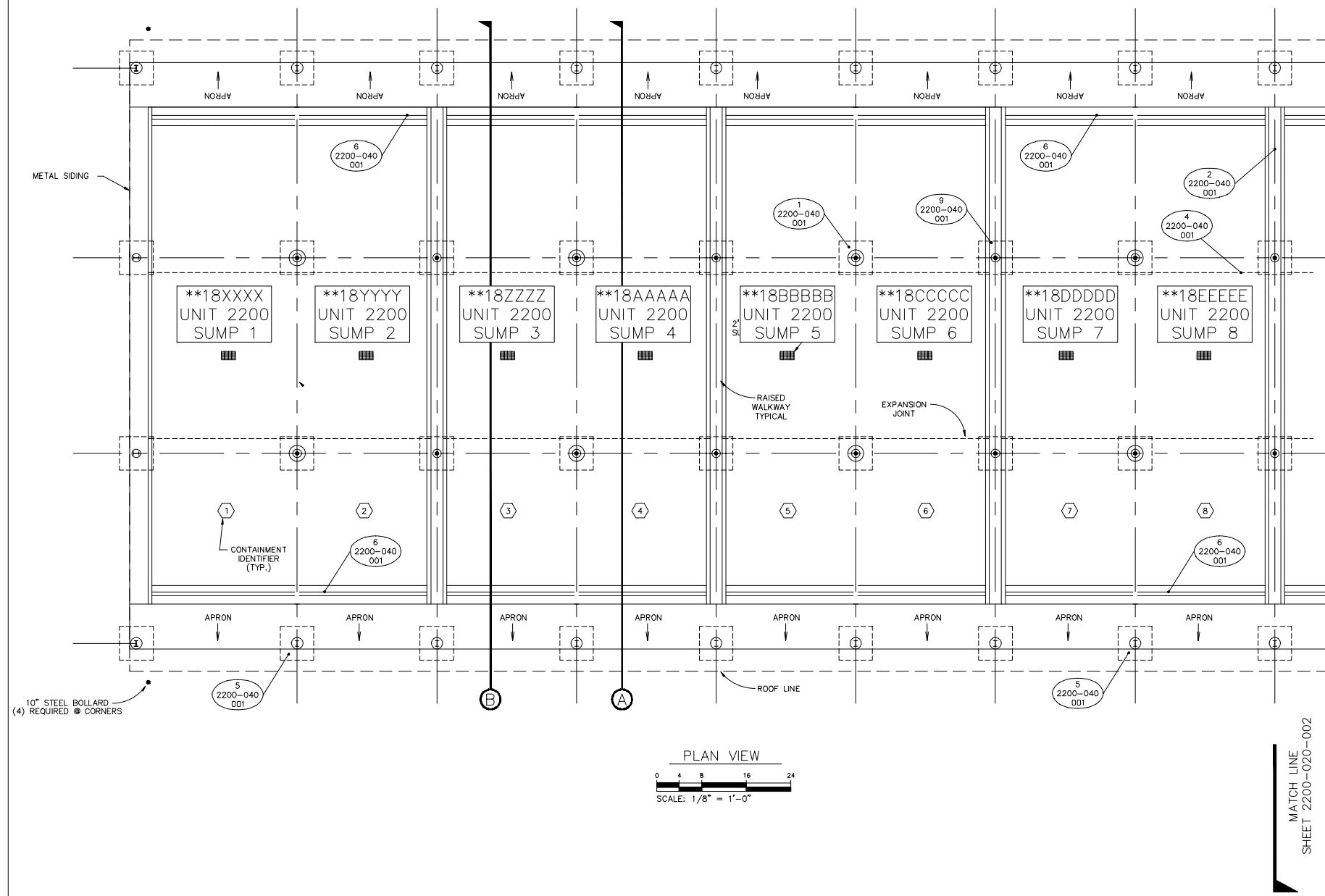


UNIT 2000  
 REFERENCE DRAWING  
 2000-020-002

CREATED: 11/7/2020  
 LAST SAVED: 12/7/2021  
 BY: KARINA  
 PLOT DATE: 7/22/2022

REV	DATE	REVISION DESCRIPTION
01	0822	RCRA PART B PERMIT RENEWAL

THIS LINE IS ONE INCH LONG WHEN PLOTTED FULL SCALE  
 THIS DRAWING MUST BE USED IN CONJUNCTION WITH THE APPLICABLE OR GOVERNING TECHNICAL SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS.  
 PROJECT NO: D3279702  
 DATE: AUGUST 2022  
 DISC. LEAD: MTF  
 DESIGNER: RAK  
 CHECKER: SBT



SWMUs IDENTIFIED ON THIS SHEET:

NO IDENTIFICATION

\* \* 18XXXX- UNIT 2200 SUMPS 1-8  
18EEEE

\* = INACTIVE SWMU

\* \* = NOT APPLICABLE OR DOES NOT MEET DEFINITION OF A SWMU. SEE TABLE L-1 FOR FURTHER DEFINITION OF SWMU STATUS.

PLAN VIEW  
SCALE: 1/8" = 1'-0"

CONTAINMENT AREA	WASTE MANAGED	STORAGE SLOTS
1	SOLID AND LIQUID WASTE	1A, 1B, 2A, 2B, 71, 72
2	SOLID AND LIQUID WASTE	3A, 3B, 4A, 4B, 69, 70
3	SOLID AND LIQUID WASTE	5A, 5B, 6A, 6B, 67, 68
4	SOLID AND LIQUID WASTE	7A, 7B, 8A, 8B, 65, 66
5	SOLID AND LIQUID WASTE	9A, 9B, 10A, 10B, 63, 64
6	SOLID AND LIQUID WASTE	11A, 11B, 12A, 12B, 61, 62
7	ONLY NON-FREE LIQUID WASTE	13A, 13B, 14A, 14B, 59, 60
8	ONLY NON-FREE LIQUID WASTE	15A, 15B, 16A, 16B, 57, 58

NOTES:

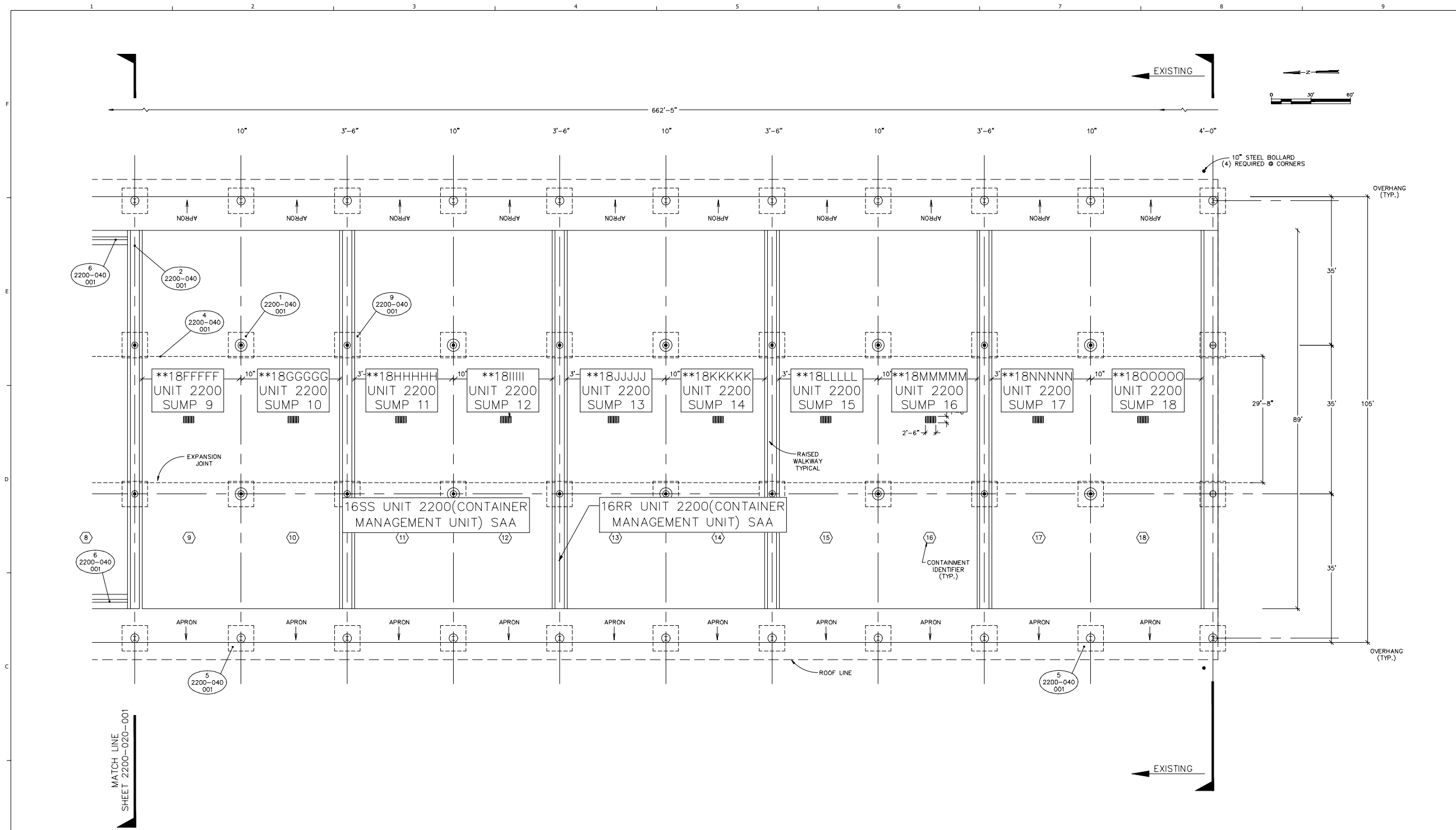
1. CONTAINMENT AREAS 1 - 6 MANAGE SOLID AND LIQUID WASTE, WHILE CONTAINMENT AREAS 7 - 18 ONLY MANAGE NON-FREE LIQUID WASTE.
2. MAXIMUM WASTE STORAGE VOLUMES AND SECONDARY CONTAINMENT CAPACITIES FOR EACH CONTAINMENT AREA ARE PROVIDED IN APPENDIX D-1-2 TABLES OF SECTION D-1 OF THIS PERMIT APPLICATION. UNIT 2200 IS DUALY PERMITTED (RCRA/TSCA) AND EACH CONTAINMENT AREA APPROPRIATELY ACCOUNTS FOR THE REQUIRED SECONDARY CONTAINMENT AND MAXIMUM WASTE CAPACITY ALLOWED.
3. STORAGE SLOTS ARE SHOWN IN THE TABLE AS A GENERAL REPRESENTATION OF HOW WASTE IS MANAGED WITHIN UNIT 2200. THE FACILITY MAY CHOOSE TO MANAGE WASTE DIFFERENTLY WITHIN EACH CONTAINMENT AREA PROVIDED IT MEETS THE APPLICABLE REQUIREMENTS AND MANAGEMENT PRACTICES SPECIFIED IN SECTION D-1 OF THIS PERMIT APPLICATION.

CREATED: 11/7/2020  
LAST SAVED: 9/20/2022  
BY: KARIARA  
PLOT DATE: 9/20/2022

NO.	DATE	REVISION DESCRIPTION
5.0	08/22	RCRA PART B PERMIT RENEWAL

THIS LINE IS ONE INCH LONG WHEN PLOTTED AT FULL SCALE.  
THIS DRAWING MUST BE USED IN CONJUNCTION WITH THE APPLICABLE OR GOVERNING TECHNICAL SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS.  
PROJECT NO: 03279702  
DATE: AUGUST 2022  
DISC. LEAD: MTF  
DESIGNER: RAK  
CHECKER: SBT

SHEET TITLE  
SOLID WASTE MANAGEMENT UNITS - UNIT 2200  
SHEET L-2200B



**NOTES**

1. CONTAINMENT AREAS 1 - 6 MANAGE SOLID AND LIQUID WASTE, WHILE CONTAINMENT AREAS 7 - 18 ONLY MANAGE NON-FREE LIQUID WASTE.
2. MAXIMUM WASTE STORAGE VOLUMES AND SECONDARY WASTE CAPACITIES FOR EACH CONTAINMENT AREA ARE PROVIDED IN APPENDIX D-1-2 TABLES OF SECTION D-1 OF THIS PERMIT APPLICATION. UNIT 2200 IS DUALY PERMITTED (RCRA/TSCA) AND EACH CONTAINMENT AREA APPROPRIATELY ACCOUNTS FOR THE REQUIRED SECONDARY CONTAINMENT AND MAXIMUM WASTE CAPACITY ALLOWED.
3. STORAGE SLOTS ARE SHOWN IN THE TABLE AS A GENERAL REPRESENTATION OF HOW WASTE IS MANAGED WITHIN UNIT 2200. THE FACILITY MAY CHOOSE TO MANAGE WASTE DIFFERENTLY WITHIN EACH CONTAINMENT AREA PROVIDED IT MEETS THE APPLICABLE REQUIREMENTS AND MANAGEMENT PRACTICES SPECIFIED IN SECTION D-1 OF THIS PERMIT APPLICATION.

CONTAINMENT AREA	WASTE MANAGED	STORAGE SLOTS
9	ONLY NON-FREE LIQUID WASTE	17A, 17B, 18A, 18B, 55, 56
10	ONLY NON-FREE LIQUID WASTE	19A, 19B, 20A, 20B, 53, 54
11	ONLY NON-FREE LIQUID WASTE	21A, 21B, 22A, 22B, 51, 52
12	ONLY NON-FREE LIQUID WASTE	23A, 23B, 24A, 24B, 49, 50
13	ONLY NON-FREE LIQUID WASTE	25A, 25B, 26A, 26B, 47, 48
14	ONLY NON-FREE LIQUID WASTE	27A, 27B, 28A, 28B, 45, 46
15	ONLY NON-FREE LIQUID WASTE	29A, 29B, 30A, 30B, 43, 44
16	ONLY NON-FREE LIQUID WASTE	31A, 31B, 32A, 32B, 41, 42
17	ONLY NON-FREE LIQUID WASTE	33A, 33B, 34A, 34B, 39, 40
18	ONLY NON-FREE LIQUID WASTE	35A, 35B, 36A, 36B, 37, 38

SWMUs IDENTIFIED ON THIS SHEET:

NO IDENTIFICATION

16RR-16SS UNIT 2200 (CONTAINER MANAGEMENT UNIT) SAAs  
 \*18FFFFF- UNIT 2200 SUMPS 9-18  
 1800000

\* = INACTIVE SWMU

\* \* = NOT APPLICABLE OR DOES NOT MEET DEFINITION OF A SWMU. SEE TABLE L-1 FOR FURTHER DEFINITION OF SWMU STATUS.