

**WASTEWATER STREAM  
CHARACTERIZATION FOR  
TA-35 EXISTING PERMITTED  
OUTFALLS AT BUILDINGS  
87, 124, 125, 126, 127, 128,  
213, 294, 301 AND 424**

**at  
Los Alamos National Laboratory**

**ENVIRONMENTAL STUDY**

**CHARACTERIZATION REPORT #18**



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**Los Alamos**

ENV

DIVISION

Los Alamos National Laboratory  
Los Alamos, New Mexico 87545

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AND 424

an  
ENVIRONMENTAL STUDY

prepared for:  
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## EXECUTIVE SUMMARY

Buildings 87, 124, 125, 126, 127, 128, 213, 294, 301 and 424 were visited to document all drain piping and building outfalls and to make permitting recommendations. These buildings are located in three areas and are categorized as follows: 1) Physics/Laser complex, 2) Target Fabrication and 3) Office/Laboratory. The pipes exiting the buildings are as follows:

### OFFICE/LABORATORY

- 1) from TA-35-87, the main office/laboratory complex: three discharge periodic steam condensate, three are used for the fire water protection system, one goes to the Sanitary Waste System Consolidation (SWSC) collector at TA-46, four discharge storm water from roof drains and one is permitted as 06A132.

### PHYSICS/LASER COMPLEX

- 1) from TA-35-124, the Target building: one discharges to the SWSC collector, one discharges storm water from the roof and one is permitted as 03A160;
- 2) from TA-35-125, the Laser building: one discharges to the SWSC collector, six discharge fire water, eight discharge storm water from roof drains (one of which is tied into the 03A160 permit) and one is a plugged 6" oil line;
- 3) from TA-35-126, the Truck Access building: one discharges to the SWSC collection system;
- 4) from TA-35-127, the Office building: one discharges to the SWSC collection system;
- 5) from TA-35-128, the Physics/Laser Laboratory: one discharges to the SWSC collection system, three discharge fire water and eight discharge storm water from roof drains;
- 6) from TA-35-294, the Confinement Physics Research Facility (CPRF) power supply building: one discharges to the SWSC collection system, three discharge storm water from the roof drains (two of which are connected to the 03A160 permitted outfall), four discharge fire water, and two discharge steam condensate and
- 7) from TA-35-301, the CPRF Generator building: one discharges storm water to the 03A160 permitted outfall, two discharge fire water and one discharges oil during transfer to generator tanks.

## TARGET FABRICATION

- 1) from TA-35-213, the Target Fabrication structure: six discharge fire water, two discharge periodic steam condensate from hot water heaters, two discharge condensate from air coolers, one discharges from a floor drain in the receiving dock to daylight, two discharge to the SWSC collection system, two discharge to the TA-50 treatment plant and four discharge from roof drains to the permitted outfall 04A127.

Revised application forms have been included for two of the three outfalls already permitted. Forms for the third permitted outfall have not been included as it receives no flow requiring permitting. Flows shown on the included forms are estimated from site observations and discussions with users and analytical data are defined from information obtained from previously sampled outfalls.

Recommendations for repiping are provided to permit outfall consolidation to minimize permit maintenance requirements and to bring the facility into compliance with the Laboratory's NPDES permits and Environmental policies. Floor drain plugging and spill containment is recommended where the potential for discharge of pollutants exists.

A waste stream database has been prepared listing wastewater type and flowrate for each outfall.

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## 1.0 INTRODUCTION

From August 16 through September 6, 1991, Steve Veenis of Santa Fe Engineering (SFE) toured the buildings at TA-35 which have currently active NPDES permits. Follow-up visits were performed by Ed Hepworth and Steve Diamond in January and February of 1993 to complete characterization of Building 213. The three areas that were included in the study were as follows: 1) Physics/Laser complex (03A160), 2) Target Fabrication (04A127) and 3) Office/Laboratory (06A132). The purpose of this study is to identify building drain piping and to characterize the wastewater flows and sources at the time of the visit. This report will not reflect any subsequent changes in piping or operation. The following tasks were performed for this purpose:

1. Building drains and all piping exiting the building were identified and laid out in schematic form;
2. Wastewater sources were identified at each drain, and the wastewater was characterized according to flow rate and quality. The location of outfalls and their potential sources of discharge were determined. Potential pollutants were also noted;
3. Permit application for discharges of clean water were not prepared since these discharges do not require permitting at this time and,
4. Potential problems were identified and recommendations were made for repiping, floor drain plugging and spill containment, where deemed appropriate.

The field investigation proceeded by verifying drain schematic drawings prepared by SFE (Figures 2 through 8) from drawings provided by LANL Facilities Engineering Division. The following process was used to define drain piping and characterize the wastewater streams:

1. Laboratory engineering drawings were used to prepare the SFE drain piping schematics. The Solid Waste Stream Characterization conducted by IT Corporation was also reviewed. The National Pollutant Discharge Elimination System (NPDES) Permit, the 1990 NPDES Permit Application submitted by Los Alamos National Laboratory (LANL) in September, 1990, the latest Federal Facilities Compliance Agreement (FFCA) between the Department of Energy (DOE) and the Environmental Protection Agency (EPA) and the Administrative Order (AO) Docket Number VI-92-1306 issued by EPA to the University of California were used for reference;
2. SFE verified drain piping by dye checking and
3. A site visit was performed to verify the SFE drain schematics and to identify potential outfall pipes exiting the building. The visit entailed a room by room inspection of wastewater sources and drains. Interviews with site personnel were conducted to assist in wastestream characterization.

## 2.0 FIELD INVESTIGATION

The pipes exiting the building have been assigned Outlet Piping Numbers. The four part number, sequentially, identifies the Technical Area where the pipe is located, the building from which the pipe discharges, the letters OPN to indicate that it is an outlet pipe number and the unique number for the pipe. The piping exiting the building will be labeled for easy identification in the future.

Each drain has a unique identification number. Each number consists of three parts. The first part indicates the floor on which the drain is located. The second part has letters that indicate the type of drain (see Table 1). The final part is the unique number for the drain. For example, the first floor drain in the sequence on the basement floor of a building would be labeled BFD1. Similarly, the first Roof Drain in a sequence would be identified as RD1.

The functions of each pipe exiting from the buildings are listed in Appendix 1, Tables 2 through 10, with an abbreviations list in Table 1. Table 11 in Appendix 1 contains recommendation information that is not specific to individual drains. Appendix 2 contains the wastestream characterization database output, listing wastewater source, flow rates and periodicity information for each outfall drain. Completed EPA forms are in Appendix 3 for the appropriate outfalls. Appendix 4 provides dye study information. Flow schematics of the drains from each building are attached in Appendix 5 as Figures 1 through 8.

### 3.0 RECOMMENDATIONS FOR BUILDING 35-87

On September 6, 1991, Steve Veenis of SFE toured the TA-35 Office/Laboratory complex with building manager Wayne Thorn. The tour included a detailed inspection of the drains and outfalls for building 35-87. Table 2 is a list of the drains to the building outfalls and Figure 8 is a schematic of the drain piping. The discussion below gives the reasoning for the recommendations.

#### 3.1 Outfalls 35-87-OPN-1, 35-87-OPN-2 and 35-87-OPN-5

These outfalls to daylight drain steam from a condensate pump (35-87-OPN-1) and hot water relief valves (35-87-OPN-2 and 35-87-OPN-5) in the equipment room. These outfalls should be included in a Notice of Intent (NOI). No piping changes are recommended. No EPA forms were prepared.

#### 3.2 Outfalls 35-87-OPN-3, 35-87-OPN-4 and 35-87-OPN-11

These outfalls to daylight drain from the fire protection system. These outfalls should be included in an NOI. No piping changes are recommended. No EPA forms were prepared.

#### 3.3 Outfall 35-87-OPN-6

This outfall goes to the TA-46 Sanitary Waste Sewer Consolidation (SWSC) Collection System. The drains to this outfall are categorized as follows: floor drains (15), sink drains (25), toilets (9), urinals (2), water fountains (3) and dishwasher (1). It is recommended that all sinks, with the exception of restrooms, be labeled "SANITARY WASTE ONLY - NO CHEMICAL DISPOSAL". No EPA forms were prepared.

### 3.4 Outfalls 35-87-OPN-7, 35-87-OPN-8, 35-87-OPN-10 and 35-87-OPN-12

These outfalls receive storm water from the roof of building 35-87. Outfalls 35-87-OPN-7, 35-87-OPN-8 and 35-87-OPN-10 drain individually from the lower roof. Outfall 35-87-OPN-12 receives water from RD11 through RD19 which receives flow from the upper roof and the inner courtyard area. The water from these outfalls enters catch basins in the parking area southwest of the building and discharge into Ten Site Canyon via a 24-inch corrugated steel pipe. No piping changes or permits are recommended. No EPA forms were prepared.

### 3.5 Outfall 35-87-OPN-9

This outfall is permitted as 06A132. The drains to this outfall are categorized as follows: floor drains (3), sink drains (3) and roof drains (10). Dye studies by SFE show that all drains in the darkroom portion of the Photo Laboratory (175A, 175B and 175C) do discharge to the permitted outfall into Ten Site Canyon. The sink in the main portion of the Photo Lab (1SD2) enters directly into the sanitary system and photochemicals should not be dumped here. The lab technician present mentioned that when heavy rains occur, water back up problems exist in the darkroom floor drains (1FD6, 1FD7 and 1FD8) suggesting that the roof drains that enter this permitted outfall may be plugged. It is recommended that roof drains RD1 through RD10 be checked for possible flow blockages. It is also recommended that floor drains 1FD6, 1FD7 and 1FD8 be permanently plugged. Sink drains 1SD4, 1SD5 and 1SD6 should be repiped to the sanitary sewer and administrative controls should be developed and posted to discharge photo reuse water only. All chemicals are to be containerized and transferred to CST-7. This would leave a

storm water only discharge and the existing permit could be eliminated. If not done, then the storm water drains must be separated from this outfall per Laboratory policy. A Form 2C has been prepared for this outfall. Outfall sampling in December of 1992 indicated elevated cyanide levels in the discharge from the outfall. While laboratory personnel indicated that cyanide is not routinely used in the laboratory, administrative control over cyanide dumping in the laboratory's drains should be strictly observed. Cyanide levels measured in sampling violated the outfall permit levels and must be kept to acceptable levels in the future. It should be noted that a similar situation occurred recently at TA-8. It was discovered that cyanide was not listed as a component of the photo chemicals because it is less than 1%. However, this is sufficient to violate permit limits. No other changes are recommended.

#### **4.0 RECOMMENDATIONS FOR BUILDING 35-124**

Table 3 is a list of drains to the outfalls for building 35-124 and Figure 2 is a schematic of the piping. The table lists the drains that connect to each outfall pipe and includes recommendations for changes to the drain piping. The discussion below gives the reasoning for the recommendations.

##### **4.1 Outfall 35-124-OPN-1**

This outfall to daylight is permitted as 03A160. There is one floor drain (1FD5) and one cup drain (1CD1) that receive cooling water blowdown from the cooling tower located on top of 35-124. The floor drain is located in the Motor Control Center 35-424 and the cup drain is next to the holding tanks for the cooling tower. These drains discharge into a catch basin used for storm water drainage which ultimately flows to Mortandad Canyon (see Figure 2). To maintain appropriate permit effluent, the floor drain in building 424 should be plugged. Cooling tower blowdown

discharging into 1FD5 should be piped to join with the blowdown flowing into the cup drain. No other piping changes are recommended. A Form 2C is attached for this outfall.

#### 4.2 Outfall 35-124-OPN-2

This outfall discharges to the SWSC system collector. The drains to this outfall are categorized as follows: floor drains (4), sink drain (1) and a sump pit. Several hundred capacitors are stored directly on the floor next to 1FD4. These capacitors should have secondary containment to prevent leakage into the sanitary system. Sink 1SD1 should be labeled for sanitary waste only. No piping changes are recommended. No EPA forms were prepared.

#### 4.3 Outfall 35-124-OPN-3

This outfall receives storm water from the roof of 35-124. The water enters a catch basin located in the parking lot to the east of the building and discharges into Mortandad Canyon southwest of 35-128 (see Figure 1). No piping changes are recommended. No EPA forms were prepared.

### **5.0 RECOMMENDATIONS FOR BUILDING 35-125**

Table 4 is a list of the drains to the outfalls for building 35-125 and Figure 3 is a schematic of the piping. The discussion below gives the reasoning for the recommendations.

#### 5.1 Outfalls 35-125-OPN-1, 35-125-OPN-2, 35-125-OPN-3, 35-125-OPN-4, 35-125-OPN-5 and 35-125-OPN-6

These outfalls receive storm water discharging from the roof of 35-125. 35-125-OPN-1 discharges directly into a catch basin that connects with the 03A160 permitted outfall. This outfall should be separated from the permitted outfall. 35-125-OPN-2 through 35-125-OPN-5 drain on to the asphalt behind the building

and into Mortandad Canyon. 35-125-OPN-6 discharges next to the oil transfer area and could potentially wash oil/lubricants into the canyon. It is recommended that an extension be put on this drain to bypass the oil transfer area. No piping changes are recommended. An updated EPA form 2C has been prepared for 03A160 which does not include the flow from 35-125-OPN-1.

#### 5.2 Outfall 35-125-OPN-7

This outfall is a 6-inch oil line that had drained into an 8000-gallon capacity oil pit. The pit has been bulldozed and is no longer in use and the oil line has been plugged. The oil line should be removed to prevent eventual leakage or future misuse. It is recommended that a soil investigation in the area of the bulldozed pit be performed to determine if any potential groundwater contamination is present. No permitting is recommended and no EPA forms were prepared.

#### 5.3 Outfalls 35-125-OPN-8 and 35-125-OPN-13

These outfalls receive water from roof drains. The storm water discharges into Mortandad Canyon to the southeast of the building. No piping changes are recommended. No EPA forms were prepared.

#### 5.4 Outfalls 35-125-OPN-9, 35-125-OPN-10, 35-125-OPN-11, 35-125-OPN-12, 35-125-OPN-15 and 35-125-OPN-16

These outfalls to daylight drain from the fire protection system. These outfalls should be included in an NOI. No piping changes are recommended. No EPA forms were prepared.

#### 5.5 Outfall 35-125-OPN-14

This outfall discharges to the SWSC collection system. The drains for this outfall are categorized as follows: sink drains

(10), floor drains (15), toilets (4), urinals (2), showers (2), safety showers (1), floor sinks (1) and water fountains (1). It is recommended that floor drains 1FD1, 1FD5, 1FD13, 1FD14 and 1FD15 be permanently plugged. It is also recommended that sinks 1SD1, 1SD2, 1SD8, 1SD9, 1SD10 and 1SS1 be labeled "SANITARY WASTE ONLY - NO CHEMICAL DISPOSAL". No permitting is recommended and no EPA forms were prepared.

#### **6.0 RECOMMENDATIONS FOR BUILDING 35-126**

Table 5 is a description of the sources to the building's single outfall and Figure 3 is a schematic of the drain piping. This outfall discharges to the SWSC collection system. The drains for this outfall are categorized as follows: sink drains (1), toilets (1) and floor drains (11). Periodic condensate and cooling tower blowdown (small flows) enters floor drains in the equipment room. No piping changes are recommended. No EPA forms were prepared.

#### **7.0 RECOMMENDATIONS FOR BUILDING 35-127**

Table 6 is a description of the sources to the building's single outfall and Figure 4 is a schematic of the piping. This outfall discharges to the SWSC collection system. The drains for this outfall are categorized as follows: floor drains (3), toilets (3), urinals (2), sink drains (6) and water fountains (2). It is recommended that sinks 1SD3 and 1SD6 be labeled "SANITARY WASTE ONLY - NO CHEMICAL DISPOSAL". No permitting is recommended and no EPA forms were prepared.

#### **8.0 RECOMMENDATIONS FOR BUILDING 35-128**

Table 7 is a list of the drains to the outfalls for building 35-128 and Figure 4 is a schematic of the piping. The discussion below gives the reasoning for the recommendations.

8.1 Outfalls 35-128-OPN-1, 35-128-OPN-2, 35-128-OPN-3, 35-128-OPN-4, 35-128-OPN-5, 35-128-OPN-6, 35-128-OPN-7 and 35-128-OPN-8

These outfalls receive water from roof drains RD1 through RD8. The storm water periodically drains into Mortandad Canyon to the south of the building. No piping changes are recommended. No EPA forms were prepared.

8.2 Outfall 35-128-OPN-9

This outfall discharges to the SWSC collection system. The drains for this outfall are categorized as follows: floor drains (2), sink drains (2), urinal (1), toilet (1) and water fountain (1). The floor drains in the shop area have been grouted closed and are no longer being used. These drains should be permanently plugged to prevent flow into them in the future. It is recommended that sink 1SD1 be labeled "SANITARY WASTE ONLY - NO CHEMICAL DISPOSAL". No permitting is recommended and no EPA forms were prepared.

**9.0 RECOMMENDATIONS FOR BUILDING 35-213**

On August 23, 1991 Steve Veenis of SFE toured the Target Fabrication facility with Reid Zirkle and Paul Wiemann of the 35-213 staff. The tour included a detailed inspection of the drains and outfalls of building 35-213. In January and February of 1993, Steve Diamond and Ed Hepworth of SFE completed site work to dye test drains in the building. Table 8 is a list of the drains to the outfalls and Figures 5, 6 and 7 are schematics of the drain piping. The discussion below gives the reasoning for the recommendations.

9.1 Outfalls 35-213-OPN-1, 35-213-OPN-2, 35-213-OPN-3 and 35-213-OPN-4

These outfalls discharge storm water into the permitted 04A127. Outfall 35-213-OPN-1 exits the building from the southwest

corner of the building and enters into the storm water drainage system. 35-213-OPN-2 exits west of the building into a catch basin that joins the storm water drainage system. 35-213-OPN-3 and 35-213-OPN-4 exit north of the building into catch basins in the service area and join the storm water drainage system. The permit for the outfall where these flows join should be eliminated as no non-contact cooling water discharges there. No piping changes are recommended. Because there is no non-contact cooling water discharging to this outfall, no updated EPA forms were prepared.

## 9.2 Outfall 35-213-OPN-5

This outfall discharges to the SWSC collection system. This outfall services the second floor of the building which is at ground level at the front entrance. The drains to this outfall are defined by two separate internal piping systems which exit the building together. Together these systems collect flow from restroom drains, water fountains, countertop sinks, and laboratory facility sinks. These drains are all on the second floor of the building and exit via the western most sanitary sewer outfall. Mr. Zirkle assured SFE that the acid waste loop no longer is used for toxins but is now a part of the regular sanitary sewer system discharge. A diversion line exists in the manhole outside the building for emergency discharge purposes. This line is used when radioactive spills occur and the discharges must be diverted across Pecos Drive to the TA-50 Treatment Development Center. One such emergency has occurred in the past. This diversion practice, when used, would place both the Sanitary and Radioactive waste treatment systems at the laboratory in jeopardy. Excess and unexpected flow to the TA-50 treatment plant, such as that produced by diverting the sanitary flow in Building 213 to the Radioactive Liquid Waste (RLW) sewer, would overload the plant's already challenged capacity. Also, the possibility of radioactive waste entering the sanitary sewer system during a spill exists regardless of the switching

system. The switch to radioactive discharge might be made too late after an incident occurs or the switch back to the sanitary system might be made before the radioactive waste clears the system. The sanitary treatment system would then become a radioactive waste generator. It is recommended that the sanitary/acid waste diverting valve be eliminated and any required acid or RLW drains be piped directly to the RLW treatment plant at TA-50. Any sinks, floor drains, cup sinks or other drains that are considered part of the "acid waste loop" that cannot be piped directly to the RLW system should be removed or permanently plugged. Any sinks or cup sinks discharging to sanitary should be labeled "SANITARY WASTE ONLY - NO CHEMICAL DISCHARGE".

Additional issues associated with this outfall include a Nash vacuum pump in room C-114 adjacent to a laboratory in C-116. The pump discharges once-through seal/cooling water at approximately 4 gallons per minute of industrial type waste with an average pH of 3.7 into 2FD6. The exhaust from the pump produces Hydrogen Fluoride and Hydrogen gas at the rate of 0.1 to 0.4 grams per minute. It is recommended that the NASH vacuum pump be replaced with a unit that does not require water for sealing/cooling purposes or that the once-through system be replaced with a closed-loop recirculating system. The exhaust should be vented to prevent these explosive gases from building up in the sanitary piping system. Another pump discharges into 2FD20 located in room C105. Oily discharge from this pump should be contained rather than discharged into the floor drain. Outside of the buildings at the next manhole east of the 35-213-OPN-5 discharge manhole, an outlet pipe to daylight connects just above the sewage flow level. This pipe should be removed and the hole it occupies should be plugged. No other changes are recommended. No EPA forms were prepared.

9.3 Outfalls 35-213-OPN-6, 35-213-OPN-8, 35-213-OPN-9, 35-213-OPN-10, 35-213-OPN-11 and 35-213-OPN-15

These outfalls to daylight drain water from the fire protection system. These outfalls should be included in an NOI. No piping changes are recommended. No EPA forms were prepared.

9.4 Outfall 35-213-OPN-7

This outfall drains directly to daylight from the shipping/receiving dock via floor drain 1FD8. The drain discharges onto the asphalted area behind the building and eventually enters into a storm water catch basin that connects with the 04A127 permitted outfall. The flow would be intermittent and consist of floor washings or possible spills that occur on the dock. This floor drain should be permanently plugged. No permitting is recommended. No EPA forms were prepared.

9.5 Outfalls 35-213-OPN-12 and 35-213-OPN-13

These outfalls to daylight drain water from a hot water heater relief valve and an evaporative cooler respectively. These outfalls should be included in an NOI. No piping changes are recommended. No EPA forms were prepared.

9.6 Outfall 35-213-OPN-14

This outfall discharges to the SWSC collection system. The drains to this outfall are defined by two separate internal piping systems which exit the building together. The first is the "sanitary sewer loop" which collects flow from restroom facilities, showers, water fountains, an ice machine, a dish washer, safety showers, eye washes, sink drains and floor drains. The second is the "acid waste loop" which collects flow from laboratory sink drains, floor drains, cup sinks, safety

showers and eye washes. These drains are all on the ground floor of the building and exit via the eastern most sanitary sewer outfall. As with 35-213-OPN-5, Mr. Zirkle explained that the acid waste loop is no longer used for toxins but used as part of the sanitary sewer discharge. A diversion line also exists here in a separate manhole for emergency discharge purposes. Following the recommendations for 35-213-OPN-5, this diversion should be removed. It is recommended that sink drain 1SD7 in the Tritium Lab be removed or piped to RLW. Any required acid or RLW drains should be piped directly to the RLW treatment plant at TA-50. Any sinks, cup sinks or other drains that are considered part of the "acid waste loop" that cannot be piped directly to the RLW system should be removed or permanently plugged. Any sinks discharging to sanitary should be labeled "SANITARY WASTE ONLY - NO CHEMICAL DISCHARGE". Drains in the equipment room B29 receive oily discharge from water and air pumps, which should be containerized. Air equipment in the room should be containerized. The acid waste sump in the basement should be relabeled as sanitary waste or eliminated by piping its influent pipe directly into the sanitary waste sump. No other changes are recommended. No EPA Forms were prepared.

#### 9.7 Outfalls 35-213-OPN-16 and 35-213-OPN-17

These two outfalls discharge diverted waste to the TA-50 treatment plant during spill events. The switch setups where they originate should be eliminated. The outfalls themselves should be utilized for connection of radioactive waste sources in the building to the treatment plant at TA-50 in the future if the need arises. No other piping changes are recommended. No EPA forms were prepared.

### 9.8 Outfalls 35-213-OPN-18 and 35-213-OPN-19

These outfalls discharge condensed water from air handler units to daylight. They should be included in an NOI. No other piping changes or permitting are recommended. No EPA forms were prepared.

## 10.0 RECOMMENDATIONS FOR BUILDING 35-294

Table 9 is a list of the drains to the outfalls for building 35-294 and Figure 3 is a schematic of the piping. The discussion below gives the reasoning for the recommendations.

### 10.1 Outfalls 35-294-OPN-1 and 35-394-OPN-2

These outfalls daylight drain condensate from hot water relief valves in the janitor room. These outfalls should be included in an NOI. No piping changes or permitting are recommended. No EPA forms were prepared.

### 10.2 Outfalls 35-294-OPN-3, 35-294-OPN-4, 35-294-OPN-5 and 35-294-OPN-6

These outfalls to daylight drain water from the fire protection system. This outfall should be included in an NOI. No piping changes or permitting are recommended. No EPA forms were prepared.

### 10.3 Outfall 35-294-OPN-7

This outfall discharges to the SWSC collection system. The drains for this outfall are categorized as follows: floor drains (2), toilet (1), sink drain (1), urinal (1), water fountain (1) and roof drains (3). It is recommended that floor drains 1FD1 and 1FD2 be permanently plugged and sink drain 1SD1

be labeled "SANITARY WASTE ONLY - NO CHEMICAL DISPOSAL". No permitting is recommended. No EPA forms were prepared.

#### 10.4 Outfalls 35-294-OPN-8, 35-294-OPN-9 and 35-294-OPN-10

These outfalls discharge storm water from the roof of 35-294. The water from 35-294-OPN-8 and 35-294-OPN-9 enters a catch basin which connects to the 03A160 permitted outfall. These outfalls should be repiped to separate them from the permitted outfall. 35-294-OPN-10 discharges to the storm water system east of the building before entering Mortandad Canyon. No other changes are recommended. No EPA forms were prepared.

#### 11.0 RECOMMENDATIONS FOR BUILDING 35-301

Table 10 is a list of drains to the outfalls for building 35-301 and Figure 2 is a schematic of the piping. The table lists the drains that connect to each outfall pipe and includes recommendations for changes to the drain piping. The discussion below gives the reasoning for the recommendations.

#### 11.1 Outfall 35-301-OPN-1 and 35-301-OPN-2

These outfalls to daylight drain water from the fire protection system. These outfalls should be included in an NOI. No changes are recommended. No EPA forms were prepared.

#### 11.2 Outfall 35-301-OPN-3

This outfall discharges into the permitted 03A160 on an emergency basis. Drainage from twelve floor drains (1FD1 through 1FD8 and 2FD1 through 2FD4) circulates through an oil separator before entering the emergency overflow which is connected to the storm drainage system northeast of the building. This outfall should be separated from the permitted outfall to meet permit requirements. The floor drains should be

plugged as they serve no immediate sources. No other changes are recommended. A revised EPA form 2C is included.

### 11.3 Outfall 35-301-OPN-4

This outfall is a 2-inch oil line outlet. The line comes from the oil/water separator and is normally capped. The line is used for periodic transport pumping of oil. The only threat to the environment would be accidental spillage during the transportation of oil to a tanker. The pipe and oil fill area should be adequately contained to prevent discharge of oil onto the ground during transport procedures. It is recommended that the operating group review and implement the Laboratory's Spill Prevention Control and Countermeasures (SPCC) Plan, Revision 3. No permitting is recommended. No EPA forms were prepared.

## 12.0 CONCLUSION

This document provides the information to characterize buildings TA 35-87, 35-124, 35-125, 35-126, 35-127, 35-128, 35-213, 35-294 and 35-301. NPDES permit application forms have been completed for the following outfalls:

Forms 2C:

### 03A160

1. 35-124-OPN-1

### 06A132

2. 35-87-OPN-9

04A127 does not receive cooling tower blowdown (no flow), therefore a new form 2C was not prepared.

Other outlet pipes in the TA are as follows:

Discharges to the SWSC Collection System:

- |                  |                  |
|------------------|------------------|
| 1. 35-87-OPN-6   | 2. 35-124-OPN-2  |
| 3. 35-125-OPN-14 | 4. 35-126-OPN-1  |
| 5. 35-127-OPN-1  | 6. 35-128-OPN-9  |
| 7. 35-213-OPN-5  | 8. 35-213-OPN-14 |
| 9. 35-294-OPN-7  |                  |

Discharge from vapor and condensate vents:

- |                  |                  |
|------------------|------------------|
| 1. 35-213-OPN-13 | 2. 35-213-OPN-18 |
| 3. 35-213-OPN-19 | 4. 35-294-OPN-1  |
| 5. 35-294-OPN-2  | 6. 35-87-OPN-1   |

Discharges from hot water pressure relief valves:

- |                  |                |
|------------------|----------------|
| 1. 35-87-OPN-2   | 2. 35-87-OPN-5 |
| 3. 35-213-OPN-12 |                |

Discharges of storm water:

- |                   |                  |                  |
|-------------------|------------------|------------------|
| 1. 35-87-OPN-7    | 2. 35-87-OPN-8   | 3. 35-87-OPN-10  |
| 4. 35-87-OPN-12   | 5. 35-124-OPN-3  | 6. 35-125-OPN-1  |
| 7. 35-125-OPN-2   | 8. 35-125-OPN-3  | 9. 35-125-OPN-4  |
| 10. 35-125-OPN-5  | 11. 35-125-OPN-6 | 12. 35-125-OPN-8 |
| 13. 35-125-OPN-13 | 14. 35-128-OPN-1 | 15. 35-128-OPN-2 |
| 16. 35-128-OPN-3  | 17. 35-128-OPN-4 | 18. 35-128-OPN-5 |
| 19. 35-128-OPN-6  | 20. 35-128-OPN-7 | 21. 35-128-OPN-8 |
| 22. 35-213-OPN-1  | 23. 35-213-OPN-2 | 24. 35-213-OPN-3 |
| 25. 35-213-OPN-4  | 26. 35-294-OPN-8 | 27. 35-294-OPN-9 |
| 28. 35-294-OPN-10 |                  |                  |

Discharges to daylight from floor drains:

- |                 |                 |
|-----------------|-----------------|
| 1. 35-213-OPN-7 | 2. 35-301-OPN-3 |
|-----------------|-----------------|

Discharge from fire water systems:

- |                   |                   |                   |
|-------------------|-------------------|-------------------|
| 1. 35-87-OPN-3    | 2. 35-87-OPN-4    | 3. 35-87-OPN-11   |
| 4. 35-125-OPN-9   | 5. 35-125-OPN-10  | 6. 35-125-OPN-11  |
| 7. 35-125-OPN-12  | 8. 35-125-OPN-15  | 9. 35-125-OPN-16  |
| 10. 35-128-OPN-10 | 11. 35-128-OPN-11 | 12. 35-128-OPN-12 |
| 13. 35-213-OPN-6  | 14. 35-213-OPN-8  | 15. 35-213-OPN-9  |
| 16. 35-213-OPN-10 | 17. 35-213-OPN-11 | 18. 35-213-OPN-15 |
| 19. 35-294-OPN-3  | 20. 35-294-OPN-4  | 21. 35-294-OPN-5  |
| 22. 35-294-OPN-6  | 23. 35-301-OPN-1  | 24. 35-301-OPN-2  |

Discharges to the TA-50 treatment plant:

- |                  |                  |
|------------------|------------------|
| 1. 35-213-OPN-16 | 2. 35-213-OPN-17 |
|------------------|------------------|

Discharges from oil lines:

- |                 |                 |
|-----------------|-----------------|
| 1. 35-125-OPN-7 | 2. 35-301-OPN-4 |
|-----------------|-----------------|

Recommended permitting and corrective action items are outlined in Tables 2 through 11 as well as in the above text. Corrective actions should be performed as soon as practicable to minimize the chance of unpermitted discharge of pollutants.

**TABLE 1**  
**SUMMARY OF ABBREVIATIONS**

ABBREVIATION	MEANING
CD	Cup Drain
CP	Sump
CS	Fume Hood Cup Sink
DW	Dish Washer
ED	Equipment Drain
EW	Eye Wash Drain
FD	Floor Drain
FS	Floor Sink
IM	Ice Machine
LV	Lavatory
PD	Pipe Drain
PRV	Pressure Relief Valve
RD	Roof Drain
SD	Sink Drain
SH	Shower
SS	Safety Shower
TL	Toilet
UR	Urinal
WF	Water Fountain
WH	Water Heater

## TABLE 2: TA 35-87 DRAIN SUMMARY

OUTFALL NUMBER	ID NUMBER	ROOM ACTIVITY	ROOM NUMBER	STATUS OR RECOMMENDATIONS	EPA FORM PREPARED
35-87-OPN-01 TO DAYLIGHT	N/A	EQUIPMENT ROOM STEAM CONDENSATE	172	NOI	NO
35-87-OPN-02 TO DAYLIGHT	N/A	EQUIPMENT ROOM PRV	172	NOI	NO
35-87-OPN-03 TO DAYLIGHT	N/A	EQUIPMENT ROOM FIRE SYSTEM	172	NOI	NO
35-87-OPN-04 TO DAYLIGHT	N/A	EQUIPMENT ROOM FIRE SYSTEM	172	NOI	NO
35-87-OPN-05 TO DAYLIGHT	N/A	EQUIPMENT ROOM PRV	172	NOI	NO
35-87-OPN-06 SAN. SEWER	1DW1	PHOTO LABORATORY	175	NO CHANGE	NO
	1FD01	EQUIPMENT ROOM	172	NO CHANGE	
	1FD02	EQUIPMENT ROOM	172	NO CHANGE	
	1FD03	EQUIPMENT ROOM	172	NO CHANGE	
	1FD04	EQUIPMENT ROOM	172	NO CHANGE	
	1FD05	EQUIPMENT ROOM	172	NO CHANGE	
	1FD09	JANITOR'S CLOSET	106	NO CHANGE	
	1FD10	JANITOR'S CLOSET	108	NO CHANGE	
	1FD11	REST ROOM	109	NO CHANGE	
	1FD12	REST ROOM	110	NO CHANGE	
	1SD01	LABORATORY	173	LABEL	
	1SD02	LABORATORY	175	LABEL	
	1SD03	LABORATORY	174	LABEL	
	1SD07	LABORATORY	166	LABEL	
	1SD08	LABORATORY	170	LABEL	
	1SD09	LABORATORY	158	LABEL	
	1SD10	LABORATORY	159	LABEL	
	1SD11	LABORATORY	160	LABEL	
	1SD12	LABORATORY	161	LABEL	
	1SD13	LABORATORY	162	LABEL	
	1SD14	LABORATORY	163	DISCONNECTED	
	1SD15	LABORATORY	155	DISCONNECTED	
	1SD16	LABORATORY	153	DISCONNECTED	
	1SD17	LABORATORY	151	DISCONNECTED	
	1SD18	LABORATORY	106	LABEL	
	1SD19	REST ROOM	109	NO CHANGE	
	1SD20	REST ROOM	109	NO CHANGE	
	1SD21	REST ROOM	110	NO CHANGE	
	1TL1	REST ROOM	109	NO CHANGE	
	1TL2	REST ROOM	109	NO CHANGE	
	1TL3	REST ROOM	109	NO CHANGE	
1TL4	REST ROOM	110	NO CHANGE		
1TL5	REST ROOM	110	NO CHANGE		
1UR1	REST ROOM	110	NO CHANGE		
1WF1	OFFICE	150B	NO CHANGE		

TABLE 2: TA 35-87 DRAIN SUMMARY

OUTFALL NUMBER	ID NUMBER	ROOM ACTIVITY	ROOM NUMBER	STATUS OR RECOMMENDATIONS	EPA FORM PREPARED
35-87-OPN-06 CONTINUED	1WF2	HALLWAY	104	NO CHANGE	NO
	2FD1	REST ROOM	209	NO CHANGE	
	2FD2	REST ROOM	208	NO CHANGE	
	2FD3	JANITOR'S CLOSET	207	NO CHANGE	
	2SD1	REST ROOM	209	NO CHANGE	
	2SD2	COFFEE ROOM	254	LABEL	
	2SD3	REST ROOM	208	NO CHANGE	
	2SD4	REST ROOM	208	NO CHANGE	
	2TL1	REST ROOM	209	NO CHANGE	
	2TL2	REST ROOM	208	NO CHANGE	
	2TL3	REST ROOM	208	NO CHANGE	
	2TL4	REST ROOM	208	NO CHANGE	
	2UR1	REST ROOM	208	NO CHANGE	
2WF1	HALLWAY	202	NO CHANGE		
35-87-OPN-07 TO DAYLIGHT	N/A	ROOF DRAIN	EXT	NO CHANGE	NO
35-87-OPN-08 TO DAYLIGHT	N/A	ROOF DRAIN	EXT	NO CHANGE	NO
35-87-OPN-09 06A132	1FD6	PHOTO LABORATORY	175	PLUG	YES
	1FD7	PHOTO LABORATORY	175	PLUG	
	1FD8	PHOTO LABORATORY	175	PLUG	
	1SD4	PHOTO LABORATORY	175	PIPE TO SS	
	1SD5	PHOTO LABORATORY	175	PIPE TO SS	
	1SD6	PHOTO LABORATORY	175	PIPE TO SS	
	RD01	ROOF DRAIN	ROOF	SEPARATE	
	RD02	ROOF DRAIN	ROOF	SEPARATE	
	RD03	ROOF DRAIN	ROOF	SEPARATE	
	RD04	ROOF DRAIN	ROOF	SEPARATE	
	RD05	ROOF DRAIN	ROOF	SEPARATE	
	RD06	ROOF DRAIN	ROOF	SEPARATE	
	RD07	ROOF DRAIN	ROOF	SEPARATE	
RD08	ROOF DRAIN	ROOF	SEPARATE		
RD09	ROOF DRAIN	ROOF	SEPARATE		
RD10	ROOF DRAIN	ROOF	SEPARATE		
35-87-OPN-10 TO DAYLIGHT		LOWER ROOF DRAIN	ROOF	NO CHANGE	NO
35-87-OPN-11 TO DAYLIGHT	N/A	EQUIPMENT ROOM	149	NOI	NO
35-87-OPN-12 TO DAYLIGHT	RD11	ROOF DRAIN	ROOF	NO CHANGE	NO
	RD12	ROOF DRAIN	ROOF	NO CHANGE	
	RD13	ROOF DRAIN	ROOF	NO CHANGE	
	RD14	ROOF DRAIN	ROOF	NO CHANGE	
	RD15	ROOF DRAIN	ROOF	NO CHANGE	
	RD16	ROOF DRAIN	ROOF	NO CHANGE	

**TABLE 2: TA 35-87 DRAIN SUMMARY**

OUTFALL NUMBER	ID NUMBER	ROOM ACTIVITY	ROOM NUMBER	STATUS OR RECOMMENDATIONS	EPA FORM PREPARED
35-87-OPN-12 TO DAYLIGHT CONTINUED	RD17	ROOF DRAIN	ROOF	NO CHANGE	NO
	RD18	ROOF DRAIN	ROOF	NO CHANGE	
	RD19	ROOF DRAIN	ROOF	NO CHANGE	

**TABLE 3: TA 35-124 DRAIN SUMMARY**

OUTFALL NUMBER	ID NUMBER	ROOM ACTIVITY	ROOM NUMBER	STATUS OR RECOMMENDATIONS	EPA FORM PREPARED
35-124-OPN-1 03A160	1FD5	MOTOR CONTROL BLDG 494	N/A	PLUG	YES
	1CD1	COOLING TOWER HOLDING TANK	TANK	NO CHANGE	
35-124-OPN-2 SAN. SEWER	1FD1	TORUS ROOM	L101	NO CHANGE	NO
	1FD2	TORUS ROOM	L101	NO CHANGE	
	1FD3	TORUS ROOM	L101	NO CHANGE	
	1FD4	TORUS ROOM	L101	CONTAINERIZE CAPACITORS	
	1SD1	TORUS ROOM	L101	LABEL	
	1SP	TORUS ROOM	L101	NO CHANGE	
35-124-OPN-3 TO DAYLIGHT	N/A	ROOF	ROOF	NO CHANGE	NO

**TABLE 4: TA 35-125 DRAIN SUMMARY**

OUTFALL NUMBER	ID NUMBER	ROOM ACTIVITY	ROOM NUMBER	STATUS OR RECOMMENDATIONS	EPA FORM PREPARED
35-125-OPN-01 TO DAYLIGHT	RD1	ROOF DRAIN	ROOF	NO CHANGE	NO
35-125-OPN-02 TO DAYLIGHT	RD2	ROOF DRAIN	ROOF	NO CHANGE	NO
35-125-OPN-03 TO DAYLIGHT	RD3	ROOF DRAIN	ROOF	NO CHANGE	NO
35-125-OPN-04 TO DAYLIGHT	RD4	ROOF DRAIN	ROOF	NO CHANGE	NO
35-125-OPN-05 TO DAYLIGHT	RD5	ROOF DRAIN	ROOF	NO CHANGE	NO
35-125-OPN-06 TO DAYLIGHT	RD6	ROOF DRAIN	ROOF	NO CHANGE	NO
35-125-OPN-07 TO DAYLIGHT	N/A	OIL LINE TO OLD PIT	A101	ELIMINATE SOIL SAMPLE	NO

## TABLE 4: TA 35-125 DRAIN SUMMARY

OUTFALL NUMBER	ID NUMBER	ROOM ACTIVITY	ROOM NUMBER	STATUS OR RECOMMENDATIONS	EPA FORM PREPARED
35-125-OPN-08 TO DAYLIGHT	RD7	ROOF DRAIN	ROOF	NO CHANGE	NO
35-125-OPN-09 TO DAYLIGHT	N/A	FIRE PROTECTION SYSTEM		NOI	NO
35-125-OPN-10 TO DAYLIGHT	N/A	FIRE PROTECTION SYSTEM		NOI	NO
35-125-OPN-11 TO DAYLIGHT	N/A	FIRE PROTECTION SYSTEM		NOI	NO
35-125-OPN-12 TO DAYLIGHT	N/A	FIRE PROTECTION SYSTEM		NOI	NO
35-125-OPN-13 TO DAYLIGHT	RD8	ROOF DRAIN		NO CHANGE	NO
35-125-OPN-14 SAN. SEWER	1FD01	POLISHING LABORATORY	F108	PLUG	NO
	1FD02	REST ROOM	C106	NO CHANGE	
	1FD03	JANITOR'S CLOSET	C104	NO CHANGE	
	1FD04	REST ROOM	C102	NO CHANGE	
	1FD05	WAREHOUSE	B110	PLUG	
	1FD06	EQUIPMENT ROOM	B108	NO CHANGE	
	1FD07	EQUIPMENT ROOM	B108	NO CHANGE	
	1FD08	EQUIPMENT ROOM	B108	NO CHANGE	
	1FD09	EQUIPMENT ROOM	B108	NO CHANGE	
	1FD10	EQUIPMENT ROOM	B108	NO CHANGE	
	1FD11	EQUIPMENT ROOM	B108	NO CHANGE	
	1FD12	EQUIPMENT ROOM	B108	NO CHANGE	
	1FD13	LABORATORY	B102	PLUG	
	1FD14	LABORATORY	B102	PLUG	
	1FD15	LABORATORY	B102	PLUG	
	1FS1	JANITOR'S CLOSET	C104	NO CHANGE	
	1SD01	POLISHING LABORATORY	F108	LABEL	
	1SD02	POLISHING LABORATORY	F102	LABEL	
	1SD03	REST ROOM	C106	NO CHANGE	
	1SD04	REST ROOM	C106	NO CHANGE	
	1SD05	REST ROOM	C102	NO CHANGE	
	1SD06	REST ROOM	C102	NO CHANGE	
	1SD07	REST ROOM	C102	NO CHANGE	
	1SD08	MACHINE SHOP	B104	LABEL	
	1SD09	LABORATORY	B102	LABEL	
	1SD10	LABORATORY	A101	LABEL	
	1SH1	REST ROOM	C106	NO CHANGE	
	1SH2	REST ROOM	C102	NO CHANGE	
	1SS1	LABORATORY	B102	NO CHANGE	
	1TL1	REST ROOM	C106	NO CHANGE	
1TL2	REST ROOM	C106	NO CHANGE		
1TL3	REST ROOM	C102	NO CHANGE		
1TL4	REST ROOM	C102	NO CHANGE		

**TABLE 4: TA 35-125 DRAIN SUMMARY**

OUTFALL NUMBER	ID NUMBER	ROOM ACTIVITY	ROOM NUMBER	STATUS OR RECOMMENDATIONS	EPA FORM PREPARED
35-125-OPN-14 CONTINUED	1UR1	REST ROOM	C102	NO CHANGE	NO
	1UR2	REST ROOM	C102	NO CHANGE	
	1WF1	HALLWAY	N/A	NO CHANGE	
35-125-OPN-15 TO DAYLIGHT	N/A	FIRE PROTECTION SYSTEM	N/A	NOI	NO
35-125-OPN-16 TO DAYLIGHT	N/A	FIRE PROTECTION SYSTEM	N/A	NOI	NO

**TABLE 5: TA 35-126 DRAIN SUMMARY**

OUTFALL NUMBER	ID NUMBER	ROOM ACTIVITY	ROOM NUMBER	STATUS OR RECOMMENDATIONS	EPA FORM PREPARED
35-126-OPN-1 SAN. SEWER	1FD01	REST ROOM	L101	NO CHANGE	NO
	1FD02	EQUIPMENT ROOM	K100	NO CHANGE	
	1FD03	EQUIPMENT ROOM	K100	NO CHANGE	
	1FD04	EQUIPMENT ROOM	K100	NO CHANGE	
	1FD05	EQUIPMENT ROOM	K100	NO CHANGE	
	1FD06	EQUIPMENT ROOM	K100	NO CHANGE	
	1FD07	EQUIPMENT ROOM	K100	NO CHANGE	
	1FD08	EQUIPMENT ROOM	K100	NO CHANGE	
	1FD09	EQUIPMENT ROOM	K100	NO CHANGE	
	1FD10	EQUIPMENT ROOM	K100	NO CHANGE	
	1FD11	EQUIPMENT ROOM	K100	NO CHANGE	
	1SD1	REST ROOM	L101	NO CHANGE	
	1TL1	REST ROOM	L101	NO CHANGE	

**TABLE 6: TA 35-127 DRAIN SUMMARY**

OUTFALL NUMBER	ID NUMBER	ROOM ACTIVITY	ROOM NUMBER	STATUS OR RECOMMENDATIONS	EPA FORM PREPARED
35-127-OPN-1 SAN. SEWER	1FD1	REST ROOM	110A	NO CHANGE	NO
	1FD2	JANITOR'S CLOSET	109A	NO CHANGE	
	1FD3	REST ROOM	107A	NO CHANGE	
	1SD1	REST ROOM	110A	NO CHANGE	
	1SD2	REST ROOM	110A	NO CHANGE	
	1SD3	JANITOR'S CLOSET	109A	LABEL	
	1SD4	REST ROOM	107A	NO CHANGE	
	1SD5	REST ROOM	107A	NO CHANGE	
	1SD6	COFFEE ROOM	N/A	LABEL	

TABLE 6: TA 35-127 DRAIN SUMMARY

OUTFALL NUMBER	ID NUMBER	ROOM ACTIVITY	ROOM NUMBER	STATUS OR RECOMMENDATIONS	EPA FORM PREPARED
3-127-OPN-1 SAN. SEWER CONTINUED	1TL1	REST ROOM	110A	NO CHANGE	NO
	1TL2	REST ROOM	107A	NO CHANGE	
	1TL3	REST ROOM	107A	NO CHANGE	
	1UR1	REST ROOM	110A	NO CHANGE	
	1UR2	REST ROOM	110A	NO CHANGE	
	1WF1	HALLWAY	N/A	NO CHANGE	
	1WF2	HALLWAY	N/A	NO CHANGE	

TABLE 7: TA 35-128 DRAIN SUMMARY

OUTFALL NUMBER	ID NUMBER	ROOM ACTIVITY	ROOM NUMBER	STATUS OR RECOMMENDATIONS	EPA FORM PREPARED
35-128-OPN-01 TO DAYLIGHT	RD1	ROOF DRAIN	ROOF	NO CHANGE	NO
35-128-OPN-02 TO DAYLIGHT	RD2	ROOF DRAIN	ROOF	NO CHANGE	NO
35-128-OPN-03 TO DAYLIGHT	RD3	ROOF DRAIN	ROOF	NO CHANGE	NO
35-128-OPN-04 TO DAYLIGHT	RD4	ROOF DRAIN	ROOF	NO CHANGE	NO
35-128-OPN-05 TO DAYLIGHT	RD5	ROOF DRAIN	ROOF	NO CHANGE	NO
35-128-OPN-06 TO DAYLIGHT	RD6	ROOF DRAIN	ROOF	NO CHANGE	NO
35-128-OPN-07 TO DAYLIGHT	RD7	ROOF DRAIN	ROOF	NO CHANGE	NO
35-128-OPN-08 TO DAYLIGHT	RD8	ROOF DRAIN	ROOF	NO CHANGE	NO
35-128-OPN-09 SAN. SEWER	1FD1	SHOP AREA	102	PLUG	NO
	1FD2	SHOP AREA	102	PLUG	
	1SD1	SHOP AREA	104	LABEL	
	1SD2	REST ROOM	106	NO CHANGE	
	1TL1	REST ROOM	106	NO CHANGE	
	1UR1	REST ROOM	106	NO CHANGE	
	1WF1	HALLWAY	104	NO CHANGE	
35-128-OPN-10 TO DAYLIGHT	N/A	FIRE PROTECTION SYSTEM	N/A	NOI	NO
35-128-OPN-11 TO DAYLIGHT	N/A	FIRE PROTECTION SYSTEM	N/A	NOI	NO
35-128-OPN-12 TO DAYLIGHT	N/A	FIRE PROTECTION SYSTEM	N/A	NOI	NO

## TABLE 8: TA 35-213 DRAIN SUMMARY

OUTFALL NUMBER	ID NUMBER	ROOM ACTIVITY	ROOM NUMBER	STATUS OR RECOMMENDATIONS	EPA FORM PREPARED
35-213-OPN-01 04A127	RD06	ROOF DRAIN	ROOF	NO CHANGE	NO
	RD07	ROOF DRAIN	ROOF	NO CHANGE	
	RD08	ROOF DRAIN	ROOF	NO CHANGE	
	RD09	ROOF DRAIN	ROOF	NO CHANGE	
	RD10	ROOF DRAIN	ROOF	NO CHANGE	
	RD11	ROOF DRAIN	ROOF	NO CHANGE	
	RD12	ROOF DRAIN	ROOF	NO CHANGE	
	RD13	ROOF DRAIN	ROOF	NO CHANGE	
	RD14	ROOF DRAIN	ROOF	NO CHANGE	
	RD15	ROOF DRAIN	ROOF	NO CHANGE	
35-213-OPN-02 04A127	RD01	ROOF DRAIN	ROOF	NO CHANGE	NO
	RD02	ROOF DRAIN	ROOF	NO CHANGE	
	RD03	ROOF DRAIN	ROOF	NO CHANGE	
	RD04	ROOF DRAIN	ROOF	NO CHANGE	
	RD05	ROOF DRAIN	ROOF	NO CHANGE	
35-213-OPN-03 04A127	RD28	ROOF DRAIN	ROOF	NO CHANGE	NO
	RD29	ROOF DRAIN	ROOF	NO CHANGE	
	RD30	ROOF DRAIN	ROOF	NO CHANGE	
	RD31	ROOF DRAIN	ROOF	NO CHANGE	
	RD32	ROOF DRAIN	ROOF	NO CHANGE	
	RD33	ROOF DRAIN	ROOF	NO CHANGE	
	RD34	ROOF DRAIN	ROOF	NO CHANGE	
	RD35	ROOF DRAIN	ROOF	NO CHANGE	
	RD36	ROOF DRAIN	ROOF	NO CHANGE	
RD37	ROOF DRAIN	ROOF	NO CHANGE		
35-213-OPN-04 04A127	RD17	ROOF DRAIN	ROOF	NO CHANGE	NO
	RD18	ROOF DRAIN	ROOF	NO CHANGE	
	RD19	ROOF DRAIN	ROOF	NO CHANGE	
	RD20	ROOF DRAIN	ROOF	NO CHANGE	
	RD21	ROOF DRAIN	ROOF	NO CHANGE	
	RD22	ROOF DRAIN	ROOF	NO CHANGE	
	RD23	ROOF DRAIN	ROOF	NO CHANGE	
	RD24	ROOF DRAIN	ROOF	NO CHANGE	
	RD25	ROOF DRAIN	ROOF	NO CHANGE	
	RD26	ROOF DRAIN	ROOF	NO CHANGE	
35-213-OPN-05 SAN. SEWER	2CS01	LABORATORY	B106A	LABEL	NO
	2CS02	LABORATORY	C116	LABEL	
	2CS03	LABORATORY	G105	LABEL	
	2CS04	METALLURGY LABORATORY	G104B	CONTAINED	
	2CS05	LABORATORY	A107A	LABEL	
	2CS06	LABORATORY	A107A	LABEL	
	2CS10	METALLURGY LABORATORY	G104B	CONTAINED	
	2CS11	METALLURGY LABORATORY	G104B	CONTAINED	

TABLE 8: TA 35-213 DRAIN SUMMARY

OUTFALL NUMBER	ID NUMBER	ROOM ACTIVITY	ROOM NUMBER	STATUS OR RECOMMENDATIONS	EPA FORM PREPARED
35-213-OPN-05 SAN. SEWER CONTINUED	2CS07	METALLURGY LABORATORY	G104A	CONTAINED	NO
	2CS08	METALLURGY LABORATORY	G104A	CONTAINED	
	2CS09	METALLURGY LABORATORY	G104B	CONTAINED	
	2EW1	LABORATORY	C107	NO CHANGE	
	2EW2	METALLURGY LABORATORY	G104	NO CHANGE	
	2EW3	CORRIDOR	A100	NO CHANGE	
	2EW4	LABORATORY	B119	NO CHANGE	
	2EW5	LABORATORY	C116	NO CHANGE	
	2EW6	LABORATORY	G105	NO CHANGE	
	2EW7	LABORATORY	J118	NO CHANGE	
	2FD01	LABORATORY	C107	PIPE TO RLW	
	2FD02	LABORATORY	C107	PIPE TO RLW	
	2FD03	LABORATORY	C107	PIPE TO RLW	
	2FD04	LABORATORY	C107	PIPE TO RLW	
	2FD05	LABORATORY	C103	PLUG	
	2FD06	UTILITY CHASE	C114	REPIPE PUMP/RECIRC	
	2FD07	METALLURGY LABORATORY	G107	PLUG	
	2FD07	METALLURGY LABORATORY	G107	PIPE TO RLW	
	2FD08	METALLURGY LABORATORY	B119	PIPE TO RLW	
	2FD09	METALLURGY LABORATORY	G104	PIPE TO RLW	
	2FD10	METALLURGY LABORATORY	G104A	PIPE TO RLW	
	2FD11	METALLURGY LABORATORY	G104A	PIPE TO RLW	
	2FD12	METALLURGY LABORATORY	G104A	PIPE TO RLW	
	2FD13	LABORATORY	C116	PIPE TO RLW	
	2FD14	LABORATORY	C116	PIPE TO RLW	
	2FD15	LABORATORY	C116	PIPE TO RLW	
	2FD16	LABORATORY	C116	PIPE TO RLW	
	2FD17	LABORATORY	C116	PIPE TO RLW	
	2FD18	LABORATORY	C116	PIPE TO RLW	
	2FD19	LABORATORY	C116	PIPE TO RLW	
	2FD20	UTILITY CHASE	C105	PIPE TO RLW	
	2FD20	UTILITY CHASE	C105	CONTAIN	
	2PD1	METALLURGY LABORATORY	G104A	PIPE TO RLW	
	2PD2	METALLURGY LABORATORY	G104B	PIPE TO RLW	
	2SD01	LABORATORY	C103	LABEL	
	2SD02	LABORATORY	C103	LABEL	
	2SD03	LABORATORY	C103	LABEL	
	2SD04	LABORATORY	C107A	LABEL	
	2SD05	LABORATORY	C109	LABEL	
	2SD06	LABORATORY	C103	LABEL	
	2SD07	LABORATORY	C102	LABEL	
	2SD08	LABORATORY	C102	LABEL	
2SD09	LABORATORY	B106	LABEL		
2SD10	LABORATORY	B106A	LABEL		
2SD11	COFFEE ROOM	F104	LABEL		
2SD12	LABORATORY	C110	LABEL		

TABLE 8: TA 35-213 DRAIN SUMMARY

OUTFALL NUMBER	ID NUMBER	ROOM ACTIVITY	ROOM NUMBER	STATUS OR RECOMMENDATIONS	EPA FORM PREPARED
35-213-OPN-5 SAN. SEWER	2SD13	REST ROOM	B111	LABEL	NO
	2SD14	REST ROOM	B111	LABEL	
	2SD15	REST ROOM	B117	LABEL	
	2SD16	REST ROOM	B117	LABEL	
	2SD17	JANITOR'S CLOSET	B115	LABEL	
	2SD18	LABORATORY	G105	LABEL	
	2SD19	LABORATORY	G105	LABEL	
	2SD20	LABORATORY	G105	LABEL	
	2SD21	METALLURGY LABORATORY	G104B	LABEL	
	2SD22	METALLURGY LABORATORY	G104A	LABEL	
	2SD23	METALLURGY LABORATORY	G104	LABEL	
	2SD24	LABORATORY	B119	LABEL	
	2SD25	LABORATORY	C107	LABEL	
	2SD26	LABORATORY	C107A	LABEL	
	2SD27	LABORATORY	C107	LABEL	
	2SD28	LABORATORY	C107	LABEL	
	2SD29	LABORATORY	C116	LABEL	
	2SD30	LABORATORY	J104	LABEL	
	2SD31	LABORATORY	J120	LABEL	
	2SD32	HALLWAY	J100B	LABEL	
	2SD33	LABORATORY	C116	LABEL	
	2SD34	LABORATORY	C116	LABEL	
	2SD35	LABORATORY	A107	LABEL	
	2SD36	LABORATORY	C116	LABEL	
	2SD36	LABORATORY	A107	LABEL	
	2SD37	LABORATORY	A107	LABEL	
	2SD38	LABORATORY	A107	LABEL	
	2SD39	SEM LABORATORY	J107A	LABEL	
	2SS1	LABORATORY	C116	NO CHANGE	
	2SS2	LABORATORY	G105	MODIFY	
	2SS3	LABORATORY	C116	NO CHANGE	
	2TL1	REST ROOM	B111	NO CHANGE	
	2TL2	REST ROOM	B111	NO CHANGE	
	2TL3	REST ROOM	B117	NO CHANGE	
	2TL4	REST ROOM	B117	NO CHANGE	
	2TL5	REST ROOM	B117	NO CHANGE	
	2UR1	REST ROOM	B111	NO CHANGE	
	2UR2	REST ROOM	B111	NO CHANGE	
	2WF1	HALLWAY	B100	NO CHANGE	
	PFD1	PENTHOUSE	P.H.	NO CHANGE	
	PFD2	PENTHOUSE	P.H.	NO CHANGE	
	PFD3	PENTHOUSE	P.H.	NO CHANGE	
	PFD4	PENTHOUSE	P.H.	NO CHANGE	
PFD5	PENTHOUSE	P.H.	NO CHANGE		
PFD6	PENTHOUSE	P.H.	NO CHANGE		
PFD7	PENTHOUSE	P.H.	NO CHANGE		

**TABLE 8: TA 35-213 DRAIN SUMMARY**

OUTFALL NUMBER	ID NUMBER	ROOM ACTIVITY	ROOM NUMBER	STATUS OR RECOMMENDATIONS	EPA FORM PREPARED
35-213-OPN-5 SAN. SEWER CONTINUED	PFD8	PENTHOUSE	P.H.	NO CHANGE	NO
	PFD9	PENTHOUSE	P.H.	NO CHANGE	
	PFD10	PENTHOUSE	P.H.	NO CHANGE	
	PFD11	PENTHOUSE	P.H.	NO CHANGE	
	PFD12	PENTHOUSE	P.H.	NO CHANGE	
	PFD13	PENTHOUSE	P.H.	NO CHANGE	
	PFD14	PENTHOUSE	P.H.	NO CHANGE	
	PFD15	PENTHOUSE	P.H.	NO CHANGE	
	PFD16	PENTHOUSE	P.H.	NO CHANGE	
	PFD17	PENTHOUSE	P.H.	NO CHANGE	
	PFD18	PENTHOUSE	P.H.	NO CHANGE	
	PFD19	PENTHOUSE	P.H.	NO CHANGE	
	PFD20	PENTHOUSE	P.H.	NO CHANGE	
	PFD21	PENTHOUSE	P.H.	NO CHANGE	
	PFD22	PENTHOUSE	P.H.	NO CHANGE	
PFD23	PENTHOUSE	P.H.	NO CHANGE		
PFD24	PENTHOUSE	P.H.	NO CHANGE		
35-213-OPN-06 TO DAYLIGHT	N/A	FIRE PROTECTION SYSTEM	N/A	NOI	NO
35-213-OPN-07 TO DAYLIGHT	1FD8	RECEIVING AREA	C19	PLUG	NO
35-213-OPN-08 TO DAYLIGHT	N/A	FIRE PROTECTION SYSTEM		NOI	NO
35-213-OPN-09 TO DAYLIGHT	N/A	FIRE PROTECTION SYSTEM		NOI	NO
35-213-OPN-10 TO DAYLIGHT	N/A	FIRE PROTECTION SYSTEM		NOI	NO
35-213-OPN-11 TO DAYLIGHT	N/A	FIRE PROTECTION SYSTEM		NOI	NO
35-213-OPN-12 TO DAYLIGHT	N/A	WATER HEATER PRV		NOI	NO
35-213-OPN-13 TO DAYLIGHT	N/A	EVAP COOLER DR		NOI	NO
35-213-OPN-14 SAN. SEWER	1CS1	FOAM DEVELOPMENT LAB	B20	MODIFY	NO
	1CS2	FOAM DEVELOPMENT LAB	B20	LABEL	
	1CS3	LABORATORY	B22	LABEL	
	1CS4	LABORATORY	B24	LABEL	
	1CS5	LABORATORY	B3A	LABEL	
	1CS6	LABORATORY	B12	LABEL	
	1DW1	LABORATORY	B3	LABEL	
	1ED1	LABORATORY	B3	LABEL	
	1ED2	LABORATORY	B3	LABEL	
	1ED3	LABORATORY	B3	LABEL	
	1ED4	LABORATORY	B9	LABEL	
1ED5	LABORATORY	B9	LABEL		

TABLE 8: TA 35-213 DRAIN SUMMARY

OUTFALL NUMBER	ID NUMBER	ROOM ACTIVITY	ROOM NUMBER	STATUS OR RECOMMENDATIONS	EPA FORM PREPARED
35-213-OPN-14 SAN. SEWER CONTINUED	1EW1	LABORATORY	F6	NO CHANGE	NO
	1EW2	LABORATORY	B3	NO CHANGE	
	1EW3	LABORATORY	B10	NO CHANGE	
	1EW4	LABORATORY	B12	NO CHANGE	
	1EW5	PRECISION SHOP	C18	NO CHANGE	
	1EW6	LABORATORY	B14	NO CHANGE	
	1EW7	FILM LABORATORY	H10	NO CHANGE	
	1EW8	DARK ROOM	H2A	NO CHANGE	
	1EW9	LABORATORY	G5	NO CHANGE	
	1FD01	SHOWER AREA	D5A	NO CHANGE	
	1FD02	SHOWER AREA	D15A	NO CHANGE	
	1FD03	JANITOR'S CLOSET	D9	NO CHANGE	
	1FD04	LABORATORY	F7	PIPE TO RLW OR PLUG	
	1FD05	LABORATORY	F6	PIPE TO RLW OR PLUG	
	1FD06	EQUIPMENT ROOM	B29	CONTAINERIZE WATER PUMP	
	1FD07	UTILITY CHASE	C10	NO CHANGE	
	1FD09	FOAM DEVELOPMENT LAB	B20	PIPE TO RLW OR PLUG	
	1FD10	LABORATORY	B22	PIPE TO RLW OR PLUG	
	1FD11	LABORATORY	B22	PIPE TO RLW OR PLUG	
	1FD12	LABORATORY	B22	PIPE TO RLW OR PLUG	
	1FD13	LABORATORY	B24	PIPE TO RLW OR PLUG	
	1FD14	UTILITY CHASE	H9	PIPE TO RLW OR PLUG	
	1FD15	ORGANIC LABORATORY	G5	PIPE TO RLW OR PLUG	
	1FD16	COATING LABORATORY	A7	PIPE TO RLW OR PLUG	
	1FD17	COATING LABORATORY	A7	PIPE TO RLW OR PLUG	
	1FD18	COATING LABORATORY	A7	PIPE TO RLW OR PLUG	
	1FD19	COATING LABORATORY	A7	PIPE TO RLW OR PLUG	
	1FD20	ORGANIC LABORATORY	G5	RINSE ONLY	
1FD21	DARK ROOM	H2A	RINSE ONLY		
1FD22	EQUIPMENT ROOM	B29	NO CHANGE		
1FD23	EQUIPMENT ROOM	B29	NO CHANGE		
1FD24	EQUIPMENT ROOM	B29	PLUG		
1FD25	EQUIPMENT ROOM	B29	PLUG		
1FD26	EQUIPMENT ROOM	B29	PLUG		
1FD27	EQUIPMENT ROOM	B29	PLUG		
1FD28	EQUIPMENT ROOM	B29	PLUG		

TABLE 8: TA 35-213 DRAIN SUMMARY

OUTFALL NUMBER	ID NUMBER	ROOM ACTIVITY	ROOM NUMBER	STATUS OR RECOMMENDATIONS	EPA FORM PREPARED
35-213-OPN-14 SAN. SEWER CONTINUED	1FD29	EQUIPMENT ROOM	B29	CONTAINERIZE AIR EQUIPMENT AND PUMPS	NO
	1FD30	EQUIPMENT ROOM	B29	CONTAINERIZE WATER PUMPS	
	1FD31	EQUIPMENT ROOM	B29	CONTAINERIZE WATER PUMP	
	1FD32	EQUIPMENT ROOM	B29	PLUG	
	1FD33	EQUIPMENT ROOM	B29	CONTAINERIZE AIR EQUIPMENT	
	1FD34	EQUIPMENT ROOM	B29	CONTAINERIZE AIR EQUIPMENT AND OIL DRAIN	
	1FD35	EQUIPMENT ROOM	B29	CONTAINERIZE VACUUM EQUIPMENT	
	1FD36	EQUIPMENT ROOM	B29	CONTAINERIZE WATER PUMPS	
	1FD37	EQUIPMENT ROOM	B29	NO CHANGE	
	1FD38	EQUIPMENT ROOM	B29	NO CHANGE	
	1FD39	EQUIPMENT ROOM	B29	NO CHANGE	
	1FD39	EQUIPMENT ROOM	B29	NO CHANGE	
	1FD40	EQUIPMENT ROOM	B29A	NO CHANGE	
	1FD41	EQUIPMENT ROOM	B29A	NO CHANGE	
	1FD42	EQUIPMENT ROOM	B29A	NO CHANGE	
	1FD43	EQUIPMENT ROOM	B29A	CONTAINERIZE WATER PUMPS	
	1FD44	EQUIPMENT ROOM	B29A	PLUG	
	1FD45	EQUIPMENT ROOM	B29A	NO CHANGE	
	1FD46	EQUIPMENT ROOM	B29A	NO CHANGE	
	1FD47	EQUIPMENT ROOM	B29A	NO CHANGE	
	1FD48	EQUIPMENT ROOM	B29	NO CHANGE	
	1FD49	EQUIPMENT ROOM	B29	PLUG	
	1FD50	EQUIPMENT ROOM	B29	NO CHANGE	
	1FD51	EQUIPMENT ROOM	B29	PLUG	
	1FD52	EQUIPMENT ROOM	B29	CONTAINERIZE WATER PUMP	
	1FD53	EQUIPMENT ROOM	B29	NO CHANGE	
	1FD54	EQUIPMENT ROOM	B29	CONTAINERIZE AIR EQUIPMENT	
	1FD55	EQUIPMENT ROOM	B29	NO CHANGE	
	1FD56	EQUIPMENT ROOM	B29	PLUG	
	1FD57	EQUIPMENT ROOM	B29	CONTAINERIZE PUMP	

TABLE 8: TA 35-213 DRAIN SUMMARY

OUTFALL NUMBER	ID NUMBER	ROOM ACTIVITY	ROOM NUMBER	STATUS OR RECOMMENDATIONS	EPA FORM PREPARED
35-213-OPN-14 SAN. SEWER CONTINUED	1FD58	EQUIPMENT ROOM	B29	NO CHANGE	NO
	1FD58	EQUIPMENT ROOM	B29	CONTAINERIZE	
	1FD59	EQUIPMENT ROOM	B29	PLUG	
	1IM1	CAFETERIA	D3	NO CHANGE	
	1SD01	REST ROOM	D7	NO CHANGE	
	1SD02	REST ROOM	D7	NO CHANGE	
	1SD03	REST ROOM	D11	NO CHANGE	
	1SD04	REST ROOM	D11	NO CHANGE	
	1SD05	JANITOR'S CLOSET	D9	LABEL	
	1SD06	CAFETERIA	D3	LABEL	
	1SD07	TRITIUM LABORATORY	D17	PIPE TO RLW	
	1SD08	LABORATORY	F11	LABEL	
	1SD09	C02 LASER LABORATORY	E6	LABEL	
	1SD10	LABORATORY	F9	LABEL	
	1SD11	LABORATORY	E7	LABEL	
	1SD12	LABORATORY	F7	LABEL	
	1SD13	LABORATORY	E2	LABEL	
	1SD14	LABORATORY	F6	LABEL	
	1SD15	LABORATORY	B3	LABEL	
	1SD16	LABORATORY	B3C	LABEL	
	1SD17	LABORATORY	B3C	LABEL	
	1SD18	LABORATORY	B3C	LABEL	
	1SD19	LABORATORY	B3C	LABEL	
	1SD20	LABORATORY	B3	LABEL	
	1SD21	LABORATORY	B3	LABEL	
	1SD22	LABORATORY	B3A	LABEL	
	1SD23	LABORATORY	B10	LABEL	
	1SD24	LABORATORY	B10	LABEL	
	1SD25	LABORATORY	B12	LABEL	
	1SD26	LABORATORY	B9A	LABEL	
	1SD27	OPTICAL COATING LAB	B15	LABEL	
	1SD28	LASER LABORATORY	B17	LABEL	
	1SD29	PRECISION SHOP	C18	LABEL	
	1SD30	REST ROOM	B21	NO CHANGE	
	1SD31	REST ROOM	B23	NO CHANGE	
	1SD32	LABORATORY	B14	LABEL	
	1SD33	FOAM DEVELOPMENT LAB	B20	LABEL	
	1SD34	FOAM DEVELOPMENT LAB	B20	LABEL	
	1SD35	LABORATORY	B22	LABEL	
1SD36	LABORATORY	B24	LABEL		
1SD37	LABORATORY	B14	LABEL		
1SD38	LABORATORY	B14	LABEL		
1SD39	LABORATORY	B22	LABEL		

TABLE 8: TA 35-213 DRAIN SUMMARY

OUTFALL NUMBER	ID NUMBER	ROOM ACTIVITY	ROOM NUMBER	STATUS OR RECOMMENDATIONS	EPA FORM PREPARED
35-213-OPN-14 SAN. SEWER CONTINUED	1SD40	FILM FABRICATION LAB	H10	LABEL	NO
	1SD41	FILM FABRICATION LAB	H10	LABEL	
	1SD42	HOLOGRAPHY LABORATORY	H4	LABEL	
	1SD43	ORGANIC LABORATORY	G5	LABEL	
	1SD44	ORGANIC LABORATORY	G5	LABEL	
	1SD45	LABORATORY	A2	LABEL	
	1SD46	X-RAY LABORATORY	A6	LABEL	
	1SD47	X-RAY LABORATORY	A8	LABEL	
	1SD48	PHOTO LABORATORY	A7A	LABEL	
	1SD49	PHOTO LABORATORY	A7B	LABEL	
	1SD50	PHOTO LABORATORY	A7A	LABEL	
	1SD51	COATING LABORATORY	A7	LABEL	
	1SD52	COATING LABORATORY	A7	LABEL	
	1SD53	X-RAY LABORATORY	A10	LABEL	
	1SD54	HOLOGRAPHY LABORATORY	H4	LABEL	
	1SD55	DARK ROOM	H2A	LABEL	
	1SD56	LABORATORY	B24	LABEL	
	1SH1	SHOWER ROOM	D5A	NO CHANGE	
	1SH2	SHOWER ROOM	D5A	NO CHANGE	
	1SH3	SHOWER ROOM	D15A	NO CHANGE	
	1SH4	SHOWER ROOM	D15A	NO CHANGE	
	1SP1	EQUIPMENT ROOM	B29	MODIFY	
	1SP2	EQUIPMENT ROOM	B29	MODIFY	
	1SS1	FOAM DEVELOPMENT LAB	B20	NO CHANGE	
	1SS2	LABORATORY	B22	NO CHANGE	
	1SS3	LABORATORY	B24	NO CHANGE	
	1SS4	ORGANIC LABORATORY	G5	NO CHANGE	
	1SS5	COATING LABORATORY	A7	NO CHANGE	
	1TL1	REST ROOM	D7	NO CHANGE	
	1TL2	REST ROOM	D7	NO CHANGE	
	1TL3	REST ROOM	D11	NO CHANGE	
1TL4	REST ROOM	D11	NO CHANGE		
1TL5	REST ROOM	D11	NO CHANGE		
1TL6	REST ROOM	B21	NO CHANGE		
1TL7	REST ROOM	B23	NO CHANGE		
1UR1	REST ROOM	D7	NO CHANGE		
1UR2	REST ROOM	D7	NO CHANGE		
1WF1	HALLWAY	D1	NO CHANGE		
1WF2	HALLWAY	G1	NO CHANGE		
35-213-OPN-15 TO DAYLIGHT	N/A	RECEIVING AREA FIRE SYSTEM DR	C19	NOI	NO
35-213-OPN-16 RLW	N/A	MANHOLE OUTSIDE BUILDING	N/A	MODIFY	NO

TABLE 8: TA 35-213 DRAIN SUMMARY

OUTFALL NUMBER	ID NUMBER	ROOM ACTIVITY	ROOM NUMBER	STATUS OR RECOMMENDATIONS	EPA FORM PREPARED
35-213-OPN-17 RLW	N/A	MANHOLE OUTSIDE BUILDING	N/A	MODIFY	NO
35-213-OPN-18 TO DAYLIGHT	N/A	HVAC CONDENSATE	J106	NOI	NO
35-213-OPN-19 TO DAYLIGHT	N/A	HVAC CONDENSATE	J106	NOI	NO

TABLE 9: TA 35-294 DRAIN SUMMARY

OUTFALL NUMBER	ID NUMBER	ROOM ACTIVITY	ROOM NUMBER	STATUS OR RECOMMENDATIONS	EPA FORM PREPARED
35-294-OPN-01 TO DAYLIGHT	N/A	STEAM CONDENSATE	N/A	NOI	NO
35-294-OPN-02 TO DAYLIGHT	N/A	STEAM CONDENSATE	N/A	NOI	NO
35-294-OPN-03 TO DAYLIGHT	N/A	FIRE PROTECTION SYSTEM	N/A	NOI	NO
35-294-OPN-04 TO DAYLIGHT	N/A	FIRE PROTECTION SYSTEM	N/A	NOI	NO
35-294-OPN-05 TO DAYLIGHT	N/A	FIRE PROTECTION SYSTEM	N/A	NOI	NO
35-294-OPN-06 TO DAYLIGHT	N/A	FIRE PROTECTION SYSTEM	N/A	NOI	NO
35-294-OPN-07 SAN. SEWER	1FD1	WAREHOUSE		PLUG	NO
	1FD2	WAREHOUSE		PLUG	
	1SD1	JANITOR'S CLOSET	101	LABEL	
	1SD2	REST ROOM	100	NO CHANGE	
	1TL1	REST ROOM	100	NO CHANGE	
	1UR1	REST ROOM	100	NO CHANGE	
	1WF1	WAREHOUSE		NO CHANGE	
35-294-OPN-08 TO DAYLIGHT	RD1	ROOF DRAIN		SEPARATE	NO
35-294-OPN-09 TO DAYLIGHT	RD2	ROOF DRAIN		SEPARATE	NO
35-294-OPN-10 TO DAYLIGHT	RD3	ROOF DRAIN		NO CHANGE	NO

**TABLE 10: TA 35-301 DRAIN SUMMARY**

OUTFALL NUMBER	ID NUMBER	ROOM ACTIVITY	ROOM NUMBER	STATUS OR RECOMMENDATIONS	EPA FORM PREPARED
35-301-OPN-1 TO DAYLIGHT	N/A	FIRE PROTECTION SYSTEM		NOI	NO
35-301-OPN-2 TO DAYLIGHT	N/A	FIRE PROTECTION SYSTEM		NOI	NO
35-301-OPN-3 03A160	1EW1	GENERATOR ROOM	301	PIPE TO SS/PLUG	YES (NOT TO INCLUDE THESE DRAINS)
	1EW2	GENERATOR ROOM	301	PIPE TO SS/PLUG	
	1FD01	GENERATOR ROOM	301	PIPE TO SS/PLUG	
	1FD02	GENERATOR ROOM	301	PIPE TO SS/PLUG	
	1FD03	GENERATOR ROOM	301	PIPE TO SS/PLUG	
	1FD04	GENERATOR ROOM	301	PIPE TO SS/PLUG	
	1FD05	GENERATOR ROOM	301	PIPE TO SS/PLUG	
	1FD06	GENERATOR ROOM	301	PIPE TO SS/PLUG	
	1FD07	GENERATOR ROOM	301	PIPE TO SS/PLUG	
	1FD08	GENERATOR ROOM	301	PIPE TO SS/PLUG	
	2FD1	GENERATOR ROOM	301	PIPE TO SS/PLUG	
	2FD2	GENERATOR ROOM	301	PIPE TO SS/PLUG	
	2FD3	GENERATOR ROOM	301	PIPE TO SS/PLUG	
2FD4	GENERATOR ROOM	301	PIPE TO SS/PLUG		
35-301-OPN-4 TO DAYLIGHT	N/A	GENERATOR FUEL OIL FROM OIL INTERCEPTER	EXT	MODIFY PER SPCC	NO

# TABLE 11

## NON DRAIN RECOMMENDATIONS

TECHNICAL AREA	BUILDING NUMBER	ROOM OR LOCATION	RECOMMENDATION
35	87	175	PIPE RINSE WATER TO SS/ELIMINATE CYANIDE SOURCES/DELETE PERMIT 06A132
35	125	OUTSIDE	REROUTE DRAINAGE FROM OPN-6 TO AVOID OILY AREAS
35	125	OUTSIDE	REMOVE UNUSED OIL LINES
35	213	GENERAL	ELIMINATE 04A127 PERMIT
35	213	GENERAL - B29	RELABEL ACID WASTE SUMP/DRAINS TO SANITARY
35	213	OUTSIDE	ELIMINATE DIVERSION SYSTEM TO TA-50
35	213	GENERAL	ASSESS NEED FOR ACID WASTE SYSTEM AND INSTALL IF NECESSARY
35	213	OUTSIDE	BUILDING
35	213	C114	REPLACE NASH PUMP/RECIRC
35	294	OUTSIDE	SEPARATE STORM DRAINAGE FROM PERMITTED OUTFALL
35	301	OUTSIDE	MODIFY OIL PIPE HOOKUP

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TA	BLDG	OUTLET PIPING NO	EPA OUTFALL #	DRAIN #	ROOM #	ROOM DESCRIPTION	FLOW RATE	PERIODICITY	SEASONAL	SOURCE TYPES
35	87	35-87-OPN-01	DAYLIGHT	N/A	172	EQUIPMENT ROOM		FLOW IS NIL	No	STEAM CONDENSATE
35	87	35-87-OPN-02	DAYLIGHT	N/A	172	EQUIPMENT ROOM		FLOW IS NIL	No	HOT WATER PRESSURE RELIEF
35	87	35-87-OPN-03	DAYLIGHT	N/A	172	EQUIPMENT ROOM		ANNUAL TESTING	No	FIRE WATER
35	87	35-87-OPN-04	DAYLIGHT	N/A	172	EQUIPMENT ROOM		ANNUAL TESTING	No	FIRE WATER
35	87	35-87-OPN-05	DAYLIGHT	N/A	172	EQUIPMENT ROOM		FLOW IS NIL	No	HOT WATER PRESSURE RELIEF
35	87	35-87-OPN-06	10S/SWSC	1DW1	175	PHOTO LABORATORY		5 DAYS/WEEK	No	DISH WASHINGS
35	87	35-87-OPN-06	10S/SWSC	1FD01	172	EQUIPMENT ROOM		5 DAYS/WEEK	No	FLOOR WASHINGS
35	87	35-87-OPN-06	10S/SWSC	1FD02	172	EQUIPMENT ROOM		5 DAYS/WEEK	No	FLOOR WASHINGS
35	87	35-87-OPN-06	10S/SWSC	1FD03	172	EQUIPMENT ROOM		5 DAYS/WEEK	No	FLOOR WASHINGS
35	87	35-87-OPN-06	10S/SWSC	1FD04	172	EQUIPMENT ROOM		5 DAYS/WEEK	No	FLOOR WASHINGS
35	87	35-87-OPN-06	10S/SWSC	1FD05	172	EQUIPMENT ROOM		5 DAYS/WEEK	No	FLOOR WASHINGS
35	87	35-87-OPN-06	10S/SWSC	1FD09	106	JANITOR'S CLOSET		5 DAYS/WEEK	No	FLOOR WASHINGS
35	87	35-87-OPN-06	10S/SWSC	1FD10	108	JANITOR'S CLOSET		5 DAYS/WEEK	No	FLOOR WASHINGS
35	87	35-87-OPN-06	10S/SWSC	1FD11	109	REST ROOM		5 DAYS/WEEK	No	FLOOR WASHINGS
35	87	35-87-OPN-06	10S/SWSC	1FD12	110	REST ROOM		5 DAYS/WEEK	No	FLOOR WASHINGS
35	87	35-87-OPN-06	10S/SWSC	1SD01	173	LABORATORY		5 DAYS/WEEK	No	COUNTERTOP SINK
35	87	35-87-OPN-06	10S/SWSC	1SD02	175	LABORATORY		5 DAYS/WEEK	No	COUNTERTOP SINK
35	87	35-87-OPN-06	10S/SWSC	1SD03	174	LABORATORY		5 DAYS/WEEK	No	COUNTERTOP SINK
35	87	35-87-OPN-06	10S/SWSC	1SD07	166	LABORATORY		5 DAYS/WEEK	No	COUNTERTOP SINK
35	87	35-87-OPN-06	10S/SWSC	1SD08	170	LABORATORY		5 DAYS/WEEK	No	COUNTERTOP SINK
35	87	35-87-OPN-06	10S/SWSC	1SD09	158	LABORATORY		5 DAYS/WEEK	No	COUNTERTOP SINK
35	87	35-87-OPN-06	10S/SWSC	1SD10	159	LABORATORY		5 DAYS/WEEK	No	COUNTERTOP SINK
35	87	35-87-OPN-06	10S/SWSC	1SD11	160	LABORATORY		5 DAYS/WEEK	No	COUNTERTOP SINK
35	87	35-87-OPN-06	10S/SWSC	1SD12	161	LABORATORY		5 DAYS/WEEK	No	COUNTERTOP SINK
35	87	35-87-OPN-06	10S/SWSC	1SD13	162	LABORATORY		5 DAYS/WEEK	No	COUNTERTOP SINK
35	87	35-87-OPN-06	10S/SWSC	1SD14	163	LABORATORY		NO FLOW	No	DISCONNECTED
35	87	35-87-OPN-06	10S/SWSC	1SD15	155	LABORATORY		NO FLOW	No	DISCONNECTED
35	87	35-87-OPN-06	10S/SWSC	1SD16	153	LABORATORY		NO FLOW	No	DISCONNECTED
35	87	35-87-OPN-06	10S/SWSC	1SD17	151	LABORATORY		NO FLOW	No	DISCONNECTED
35	87	35-87-OPN-06	10S/SWSC	1SD18	106	LABORATORY		5 DAYS/WEEK	No	JANITOR'S SINK
35	87	35-87-OPN-06	10S/SWSC	1SD19	109	REST ROOM		5 DAYS/WEEK	No	HAND WASHINGS
35	87	35-87-OPN-06	10S/SWSC	1SD20	109	REST ROOM		5 DAYS/WEEK	No	HAND WASHINGS
35	87	35-87-OPN-06	10S/SWSC	1SD21	110	REST ROOM		5 DAYS/WEEK	No	HAND WASHINGS

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TA	BLDG	OUTLET PIPING NO	EPA OUTFALL #	DRAIN #	ROOM #	ROOM DESCRIPTION	FLOW RATE	PERIODICITY	SEASONAL	SOURCE TYPES
35	87	35-87-OPN-06	10S/SWSC	1TL1	109	REST ROOM		5 DAYS/WEEK	No	TOILET
35	87	35-87-OPN-06	10S/SWSC	1TL2	109	REST ROOM		5 DAYS/WEEK	No	TOILET
35	87	35-87-OPN-06	10S/SWSC	1TL3	109	REST ROOM		5 DAYS/WEEK	No	TOILET
35	87	35-87-OPN-06	10S/SWSC	1TL4	110	REST ROOM		5 DAYS/WEEK	No	TOILET
35	87	35-87-OPN-06	10S/SWSC	1TL5	110	REST ROOM		5 DAYS/WEEK	No	TOILET
35	87	35-87-OPN-06	10S/SWSC	1UR1	110	REST ROOM		5 DAYS/WEEK	No	URINAL
35	87	35-87-OPN-06	10S/SWSC	1WF1	150B	OFFICE		5 DAYS/WEEK	No	DRINKING FOUNTAIN
35	87	35-87-OPN-06	10S/SWSC	1WF2	104	HALLWAY		5 DAYS/WEEK	No	DRINKING FOUNTAIN
35	87	35-87-OPN-06	10S/SWSC	2FD1	209	REST ROOM		5 DAYS/WEEK	No	FLOOR WASHINGS
35	87	35-87-OPN-06	10S/SWSC	2FD2	208	REST ROOM		5 DAYS/WEEK	No	FLOOR WASHINGS
35	87	35-87-OPN-06	10S/SWSC	2FD3	207	JANITOR'S CLOSET		5 DAYS/WEEK	No	FLOOR WASHINGS
35	87	35-87-OPN-06	10S/SWSC	2SD1	209	REST ROOM		5 DAYS/WEEK	No	HAND WASHINGS
35	87	35-87-OPN-06	10S/SWSC	2SD2	254	COFFEE ROOM		5 DAYS/WEEK	No	COUNTERTOP SINK
35	87	35-87-OPN-06	10S/SWSC	2SD3	208	REST ROOM		5 DAYS/WEEK	No	HAND WASHINGS
35	87	35-87-OPN-06	10S/SWSC	2SD4	208	REST ROOM		5 DAYS/WEEK	No	HAND WASHINGS
35	87	35-87-OPN-06	10S/SWSC	2TL1	209	REST ROOM		5 DAYS/WEEK	No	TOILET
35	87	35-87-OPN-06	10S/SWSC	2TL2	208	REST ROOM		5 DAYS/WEEK	No	TOILET
35	87	35-87-OPN-06	10S/SWSC	2TL3	208	REST ROOM		5 DAYS/WEEK	No	TOILET
35	87	35-87-OPN-06	10S/SWSC	2TL4	208	REST ROOM		5 DAYS/WEEK	No	TOILET
35	87	35-87-OPN-06	10S/SWSC	2UR1	208	REST ROOM		5 DAYS/WEEK	No	URINAL
35	87	35-87-OPN-06	10S/SWSC	2WF1	202	HALLWAY		5 DAYS/WEEK	No	DRINKING FOUNTAIN
35	87	35-87-OPN-07	DAYLIGHT	N/A	N/A	ROOF DRAIN		MOSTLY SUMMER	Yes	STORM WATER
35	87	35-87-OPN-08	DAYLIGHT	N/A	N/A	ROOF DRAIN		MOSTLY SUMMER	Yes	STORM WATER
35	87	35-87-OPN-09	06A132	1FD6	175	PHOTO LABORATORY		5 DAYS/WEEK	No	PHOTO LABORATORY WASTE
35	87	35-87-OPN-09	06A132	1FD7	175	PHOTO LABORATORY		5 DAYS/WEEK	No	PHOTO LABORATORY WASTE
35	87	35-87-OPN-09	06A132	1FD8	175	PHOTO LABORATORY		5 DAYS/WEEK	No	PHOTO LABORATORY WASTE
35	87	35-87-OPN-09	06A132	1SD4	175	PHOTO LABORATORY		5 DAYS/WEEK	No	PHOTO LABORATORY WASTE
35	87	35-87-OPN-09	06A132	1SD5	175	PHOTO LABORATORY		5 DAYS/WEEK	No	PHOTO LABORATORY WASTE
35	87	35-87-OPN-09	06A132	1SD6	175	PHOTO LABORATORY		5 DAYS/WEEK	No	PHOTO LABORATORY WASTE
35	87	35-87-OPN-09	06A132	RD01	ROOF	ROOF DRAIN		MOSTLY SUMMER	Yes	STORM WATER
35	87	35-87-OPN-09	06A132	RD02	ROOF	ROOF DRAIN		MOSTLY SUMMER	Yes	STORM WATER
35	87	35-87-OPN-09	06A132	RD03	ROOF	ROOF DRAIN		MOSTLY SUMMER	Yes	STORM WATER
35	87	35-87-OPN-09	06A132	RD04	ROOF	ROOF DRAIN		MOSTLY SUMMER	Yes	STORM WATER

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TA	BLDG	OUTLET PIPING NO	EPA OUTFALL #	DRAIN #	ROOM #	ROOM DESCRIPTION	FLOW RATE	PERIODICITY	SEASONAL	SOURCE TYPES	
35	87	35-87-OPN-09	06A132	RD05	ROOF	ROOF DRAIN			MOSTLY SUMMER	Yes	STORM WATER
35	87	35-87-OPN-09	06A132	RD06	ROOF	ROOF DRAIN			MOSTLY SUMMER	Yes	STORM WATER
35	87	35-87-OPN-09	06A132	RD07	ROOF	ROOF DRAIN			MOSTLY SUMMER	Yes	STORM WATER
35	87	35-87-OPN-09	06A132	RD08	ROOF	ROOF DRAIN			MOSTLY SUMMER	Yes	STORM WATER
35	87	35-87-OPN-09	06A132	RD09	ROOF	ROOF DRAIN			MOSTLY SUMMER	Yes	STORM WATER
35	87	35-87-OPN-09	06A132	RD10	ROOF	ROOF DRAIN			MOSTLY SUMMER	Yes	STORM WATER
35	87	35-87-OPN-10	DAYLIGHT	N/A	ROOF	LOWER ROOF DRAIN			MOSTLY SUMMER	Yes	STORM WATER
35	87	35-87-OPN-11	DAYLIGHT	N/A	149	EQUIPMENT ROOM			ANNUAL TESTING	No	FIRE WATER
35	87	35-87-OPN-12	DAYLIGHT	RD11	ROOF	ROOF DRAIN			MOSTLY SUMMER	Yes	STORM WATER
35	87	35-87-OPN-12	DAYLIGHT	RD12	ROOF	ROOF DRAIN			MOSTLY SUMMER	Yes	STORM WATER
35	87	35-87-OPN-12	DAYLIGHT	RD13	ROOF	ROOF DRAIN			MOSTLY SUMMER	Yes	STORM WATER
35	87	35-87-OPN-12	DAYLIGHT	RD14	ROOF	ROOF DRAIN			MOSTLY SUMMER	Yes	STORM WATER
35	87	35-87-OPN-12	DAYLIGHT	RD15	ROOF	ROOF DRAIN			MOSTLY SUMMER	Yes	STORM WATER
35	87	35-87-OPN-12	DAYLIGHT	RD16	ROOF	ROOF DRAIN			MOSTLY SUMMER	Yes	STORM WATER
35	87	35-87-OPN-12	DAYLIGHT	RD17	ROOF	ROOF DRAIN			MOSTLY SUMMER	Yes	STORM WATER
35	87	35-87-OPN-12	DAYLIGHT	RD18	ROOF	ROOF DRAIN			MOSTLY SUMMER	Yes	STORM WATER
35	87	35-87-OPN-12	DAYLIGHT	RD19	ROOF	ROOF DRAIN			MOSTLY SUMMER	Yes	STORM WATER
35	124	35-124-OPN-1	03A160	1FD5	ROOF	COOLING TOWER	10	GPM	5 DAYS/WEEK	No	COOLING TOWER BLOWDOWN
35	124	35-124-OPN-2	10S/SWSC	1FD1	L101	TORUS ROOM			FLOW IS NIL	No	FLOOR WASHINGS
35	124	35-124-OPN-2	10S/SWSC	1FD2	L101	TORUS ROOM			FLOW IS NIL	No	FLOOR WASHINGS
35	124	35-124-OPN-2	10S/SWSC	1FD3	L101	TORUS ROOM			FLOW IS NIL	No	FLOOR WASHINGS
35	124	35-124-OPN-2	10S/SWSC	1FD4	L101	TORUS ROOM			FLOW IS NIL	No	CAPACITOR LEAKAGE
35	124	35-124-OPN-2	10S/SWSC	1FD4	L101	TORUS ROOM			FLOW IS NIL	No	FLOOR WASHINGS
35	124	35-124-OPN-2	10S/SWSC	1SD1	L101	TORUS ROOM			5 DAYS/WEEK	No	SERVICE SINK
35	124	35-124-OPN-2	10S/SWSC	1SP	L101	TORUS ROOM			5 DAYS/WEEK	No	SANITARY SUMP
35	124	35-124-OPN-3	DAYLIGHT	N/A	ROOF	ROOF			MOSTLY SUMMER	Yes	STORM WATER
35	125	35-125-OPN-01	DAYLIGHT	RD1	ROOF	ROOF DRAIN			MOSTLY SUMMER	Yes	STORM WATER
35	125	35-125-OPN-02	DAYLIGHT	RD2	ROOF	ROOF DRAIN			MOSTLY SUMMER	Yes	STORM WATER
35	125	35-125-OPN-03	DAYLIGHT	RD3	ROOF	ROOF DRAIN			MOSTLY SUMMER	Yes	STORM WATER
35	125	35-125-OPN-04	DAYLIGHT	RD4	ROOF	ROOF DRAIN			MOSTLY SUMMER	Yes	STORM WATER
35	125	35-125-OPN-05	DAYLIGHT	RD5	ROOF	ROOF DRAIN			MOSTLY SUMMER	Yes	STORM WATER
35	125	35-125-OPN-06	DAYLIGHT	RD6	ROOF	ROOF DRAIN			MOSTLY SUMMER	Yes	STORM WATER
35	125	35-125-OPN-07	N/A	N/A	A101	OIL LINE			NO FLOW	No	PLUGGED

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TA	BLDG	OUTLET	EPA	DRAIN #	ROOM #	ROOM DESCRIPTION	FLOW RATE	PERIODICITY	SEASONAL	SOURCE TYPES	
		PIPING NO	OUTFALL #								
35	125	35-125-OPN-08	DAYLIGHT	RD7	ROOF	ROOF DRAIN			MOSTLY SUMMER	Yes	STORM WATER
35	125	35-125-OPN-09	DAYLIGHT	N/A	N/A	FIRE PROTECTION SYSTEM			ANNUAL TESTING	No	FIRE WATER
35	125	35-125-OPN-10	DAYLIGHT	N/A	N/A	FIRE PROTECTION SYSTEM			ANNUAL TESTING	No	FIRE WATER
35	125	35-125-OPN-11	DAYLIGHT	N/A	N/A	FIRE PROTECTION SYSTEM			ANNUAL TESTING	No	FIRE WATER
35	125	35-125-OPN-12	DAYLIGHT	N/A	N/A	FIRE PROTECTION SYSTEM			ANNUAL TESTING	No	FIRE WATER
35	125	35-125-OPN-13	DAYLIGHT	RD8	N/A	ROOF DRAIN			MOSTLY SUMMER	Yes	STORM WATER
35	125	35-125-OPN-14	10S/SWSC	1FD01	F108	POLISHING LABORATORY			5 DAYS/WEEK	No	FLOOR WASHINGS
35	125	35-125-OPN-14	10S/SWSC	1FD02	C106	REST ROOM			5 DAYS/WEEK	No	FLOOR WASHINGS
35	125	35-125-OPN-14	10S/SWSC	1FD03	C104	JANITOR'S CLOSET			5 DAYS/WEEK	No	FLOOR WASHINGS
35	125	35-125-OPN-14	10S/SWSC	1FD04	C102	REST ROOM			5 DAYS/WEEK	No	FLOOR WASHINGS
35	125	35-125-OPN-14	10S/SWSC	1FD05	B110	WAREHOUSE			5 DAYS/WEEK	No	FLOOR WASHINGS
35	125	35-125-OPN-14	10S/SWSC	1FD06	B108	EQUIPMENT ROOM			FLOW IS NIL	No	FLOOR WASHINGS
35	125	35-125-OPN-14	10S/SWSC	1FD07	B108	EQUIPMENT ROOM			FLOW IS NIL	No	FLOOR WASHINGS
35	125	35-125-OPN-14	10S/SWSC	1FD08	B108	EQUIPMENT ROOM			FLOW IS NIL	No	FLOOR WASHINGS
35	125	35-125-OPN-14	10S/SWSC	1FD09	B108	EQUIPMENT ROOM			FLOW IS NIL	No	FLOOR WASHINGS
35	125	35-125-OPN-14	10S/SWSC	1FD10	B108	EQUIPMENT ROOM			FLOW IS NIL	No	FLOOR WASHINGS
35	125	35-125-OPN-14	10S/SWSC	1FD11	B108	EQUIPMENT ROOM			FLOW IS NIL	No	FLOOR WASHINGS
35	125	35-125-OPN-14	10S/SWSC	1FD12	B108	EQUIPMENT ROOM			FLOW IS NIL	No	FLOOR WASHINGS
35	125	35-125-OPN-14	10S/SWSC	1FD13	B102	LABORATORY			5 DAYS/WEEK	No	FLOOR WASHINGS
35	125	35-125-OPN-14	10S/SWSC	1FD14	B102	LABORATORY			5 DAYS/WEEK	No	FLOOR WASHINGS
35	125	35-125-OPN-14	10S/SWSC	1FD15	B102	LABORATORY			5 DAYS/WEEK	No	FLOOR WASHINGS
35	125	35-125-OPN-14	10S/SWSC	1FS1	C104	JANITOR'S CLOSET			5 DAYS/WEEK	No	FLOOR WASHINGS
35	125	35-125-OPN-14	10S/SWSC	1SD01	F108	POLISHING LABORATORY			5 DAYS/WEEK	No	LABORATORY SINK
35	125	35-125-OPN-14	10S/SWSC	1SD02	F102	POLISHING LABORATORY			5 DAYS/WEEK	No	LABORATORY SINK
35	125	35-125-OPN-14	10S/SWSC	1SD03	C106	REST ROOM			5 DAYS/WEEK	No	HAND WASHINGS
35	125	35-125-OPN-14	10S/SWSC	1SD04	C106	REST ROOM			5 DAYS/WEEK	No	HAND WASHINGS
35	125	35-125-OPN-14	10S/SWSC	1SD05	C102	REST ROOM			5 DAYS/WEEK	No	HAND WASHINGS
35	125	35-125-OPN-14	10S/SWSC	1SD06	C102	REST ROOM			5 DAYS/WEEK	No	HAND WASHINGS
35	125	35-125-OPN-14	10S/SWSC	1SD07	C102	REST ROOM			5 DAYS/WEEK	No	HAND WASHINGS
35	125	35-125-OPN-14	10S/SWSC	1SD08	B104	MACHINE SHOP			5 DAYS/WEEK	No	UTILITY SINK
35	125	35-125-OPN-14	10S/SWSC	1SD09	B102	LABORATORY			5 DAYS/WEEK	No	LABORATORY SINK
35	125	35-125-OPN-14	10S/SWSC	1SD10	A101	LABORATORY			5 DAYS/WEEK	No	LABORATORY SINK
35	125	35-125-OPN-14	10S/SWSC	1SH1	C106	REST ROOM			5 DAYS/WEEK	No	SHOWER

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TA	BLDG	OUTLET PIPING NO	EPA OUTFALL #	DRAIN #	ROOM #	ROOM DESCRIPTION	FLOW RATE	PERIODICITY	SEASONAL	SOURCE TYPES
35	125	35-125-OPN-14	10S/SWSC	1SH2	C102	REST ROOM		5 DAYS/WEEK	No	SHOWER
35	125	35-125-OPN-14	10S/SWSC	1SS1	B102	LABORATORY		FLOW IS NIL	No	SAFETY SHOWER
35	125	35-125-OPN-14	10S/SWSC	1TL1	C106	REST ROOM		5 DAYS/WEEK	No	TOILET
35	125	35-125-OPN-14	10S/SWSC	1TL2	C106	REST ROOM		5 DAYS/WEEK	No	TOILET
35	125	35-125-OPN-14	10S/SWSC	1TL3	C102	REST ROOM		5 DAYS/WEEK	No	TOILET
35	125	35-125-OPN-14	10S/SWSC	1TL4	C102	REST ROOM		5 DAYS/WEEK	No	TOILET
35	125	35-125-OPN-14	10S/SWSC	1UR1	C102	REST ROOM		5 DAYS/WEEK	No	URINAL
35	125	35-125-OPN-14	10S/SWSC	1UR2	C102	REST ROOM		5 DAYS/WEEK	No	URINAL
35	125	35-125-OPN-14	10S/SWSC	1WF1	N/A	HALLWAY		5 DAYS/WEEK	No	DRINKING FOUNTAIN
35	125	35-125-OPN-15	DAYLIGHT	N/A	N/A	FIRE PROTECTION SYSTEM		ANNUAL TESTING	No	FIRE WATER
35	125	35-125-OPN-16	DAYLIGHT	N/A	N/A	FIRE PROTECTION SYSTEM		ANNUAL TESTING	No	FIRE WATER
35	126	35-126-OPN-1	10S/SWSC	1FD01	L101	REST ROOM		5 DAYS/WEEK	No	FLOOR WASHINGS
35	126	35-126-OPN-1	10S/SWSC	1FD02	K100	EQUIPMENT ROOM		FLOW IS NIL	No	FLOOR WASHINGS
35	126	35-126-OPN-1	10S/SWSC	1FD03	K100	EQUIPMENT ROOM		FLOW IS NIL	No	FLOOR WASHINGS
35	126	35-126-OPN-1	10S/SWSC	1FD04	K100	EQUIPMENT ROOM		FLOW IS NIL	No	FLOOR WASHINGS
35	126	35-126-OPN-1	10S/SWSC	1FD05	K100	EQUIPMENT ROOM		FLOW IS NIL	No	FLOOR WASHINGS
35	126	35-126-OPN-1	10S/SWSC	1FD06	K100	EQUIPMENT ROOM		FLOW IS NIL	No	FLOOR WASHINGS
35	126	35-126-OPN-1	10S/SWSC	1FD07	K100	EQUIPMENT ROOM		FLOW IS NIL	No	FLOOR WASHINGS
35	126	35-126-OPN-1	10S/SWSC	1FD08	K100	EQUIPMENT ROOM		FLOW IS NIL	No	FLOOR WASHINGS
35	126	35-126-OPN-1	10S/SWSC	1FD09	K100	EQUIPMENT ROOM		FLOW IS NIL	No	FLOOR WASHINGS
35	126	35-126-OPN-1	10S/SWSC	1FD10	K100	EQUIPMENT ROOM		FLOW IS NIL	No	FLOOR WASHINGS
35	126	35-126-OPN-1	10S/SWSC	1FD11	K100	EQUIPMENT ROOM		FLOW IS NIL	No	FLOOR WASHINGS
35	126	35-126-OPN-1	10S/SWSC	1SD1	L101	REST ROOM		5 DAYS/WEEK	No	HAND WASHINGS
35	126	35-126-OPN-1	10S/SWSC	1TL1	L101	REST ROOM		5 DAYS/WEEK	No	TOILET
35	127	35-127-OPN-1	10S/SWSC	1FD1	110A	REST ROOM		5 DAYS/WEEK	No	FLOOR WASHINGS
35	127	35-127-OPN-1	10S/SWSC	1FD2	109A	JANITOR'S CLOSET		5 DAYS/WEEK	No	FLOOR WASHINGS
35	127	35-127-OPN-1	10S/SWSC	1FD3	107A	REST ROOM		5 DAYS/WEEK	No	FLOOR WASHINGS
35	127	35-127-OPN-1	10S/SWSC	1SD1	110A	REST ROOM		5 DAYS/WEEK	No	HAND WASHINGS
35	127	35-127-OPN-1	10S/SWSC	1SD2	110A	REST ROOM		5 DAYS/WEEK	No	HAND WASHINGS
35	127	35-127-OPN-1	10S/SWSC	1SD3	109A	JANITOR'S CLOSET		5 DAYS/WEEK	No	JANITOR'S SINK
35	127	35-127-OPN-1	10S/SWSC	1SD4	107A	REST ROOM		5 DAYS/WEEK	No	HAND WASHINGS
35	127	35-127-OPN-1	10S/SWSC	1SD5	107A	REST ROOM		5 DAYS/WEEK	No	HAND WASHINGS
35	127	35-127-OPN-1	10S/SWSC	1SD6	N/A	COFFEE ROOM		5 DAYS/WEEK	No	COUNTERTOP SINK

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TA	BLDG	OUTLET PIPING NO	EPA OUTFALL #	DRAIN #	ROOM #	ROOM DESCRIPTION	FLOW RATE	PERIODICITY	SEASONAL	SOURCE TYPES
35	127	35-127-OPN-1	10S/SWSC	1TL1	110A	REST ROOM		5 DAYS/WEEK	No	TOILET
35	127	35-127-OPN-1	10S/SWSC	1TL2	107A	REST ROOM		5 DAYS/WEEK	No	TOILET
35	127	35-127-OPN-1	10S/SWSC	1TL3	107A	REST ROOM		5 DAYS/WEEK	No	TOILET
35	127	35-127-OPN-1	10S/SWSC	1UR1	110A	REST ROOM		5 DAYS/WEEK	No	URINAL
35	127	35-127-OPN-1	10S/SWSC	1UR2	110A	REST ROOM		5 DAYS/WEEK	No	URINAL
35	127	35-127-OPN-1	10S/SWSC	1WF1	N/A	HALLWAY		5 DAYS/WEEK	No	DRINKING FOUNTAIN
35	127	35-127-OPN-1	10S/SWSC	1WF2	N/A	HALLWAY		5 DAYS/WEEK	No	DRINKING FOUNTAIN
35	128	35-128-OPN-01	DAYLIGHT	RD1	ROOF	ROOF DRAIN		MOSTLY SUMMER	Yes	STORM WATER
35	128	35-128-OPN-02	DAYLIGHT	RD2	ROOF	ROOF DRAIN		MOSTLY SUMMER	Yes	STORM WATER
35	128	35-128-OPN-03	DAYLIGHT	RD3	ROOF	ROOF DRAIN		MOSTLY SUMMER	Yes	STORM WATER
35	128	35-128-OPN-04	DAYLIGHT	RD4	ROOF	ROOF DRAIN		MOSTLY SUMMER	Yes	STORM WATER
35	128	35-128-OPN-05	DAYLIGHT	RD5	ROOF	ROOF DRAIN		MOSTLY SUMMER	Yes	STORM WATER
35	128	35-128-OPN-06	DAYLIGHT	RD6	ROOF	ROOF DRAIN		MOSTLY SUMMER	Yes	STORM WATER
35	128	35-128-OPN-07	DAYLIGHT	RD7	ROOF	ROOF DRAIN		MOSTLY SUMMER	Yes	STORM WATER
35	128	35-128-OPN-08	DAYLIGHT	RD8	ROOF	ROOF DRAIN		MOSTLY SUMMER	Yes	STORM WATER
35	128	35-128-OPN-09	10S/SWSC	1FD1	102	SHOP AREA		FLOW IS NIL	No	GROUTED CLOSED
35	128	35-128-OPN-09	10S/SWSC	1FD2	102	SHOP AREA		FLOW IS NIL	No	GROUTED CLOSED
35	128	35-128-OPN-09	10S/SWSC	1SD1	104	SHOP AREA		5 DAYS/WEEK	No	UTILITY SINK
35	128	35-128-OPN-09	10S/SWSC	1SD2	106	REST ROOM		5 DAYS/WEEK	No	HAND WASHINGS
35	128	35-128-OPN-09	10S/SWSC	1TL1	106	REST ROOM		5 DAYS/WEEK	No	TOILET
35	128	35-128-OPN-09	10S/SWSC	1UR1	106	REST ROOM		5 DAYS/WEEK	No	URINAL
35	128	35-128-OPN-09	10S/SWSC	1WF1	104	HALLWAY		5 DAYS/WEEK	No	DRINKING FOUNTAIN
35	128	35-128-OPN-10	DAYLIGHT	N/A	N/A	FIRE PROTECTION SYSTEM		ANNUAL TESTING	No	FIRE WATER
35	128	35-128-OPN-11	DAYLIGHT	N/A	N/A	FIRE PROTECTION SYSTEM		ANNUAL TESTING	No	FIRE WATER
35	128	35-128-OPN-12	DAYLIGHT	N/A	N/A	FIRE PROTECTION SYSTEM		ANNUAL TESTING	No	FIRE WATER
35	213	35-213-OPN-01	04A127	RD06	ROOF	ROOF DRAIN		MOSTLY SUMMER	Yes	STORM WATER
35	213	35-213-OPN-01	04A127	RD07	ROOF	ROOF DRAIN		MOSTLY SUMMER	Yes	STORM WATER
35	213	35-213-OPN-01	04A127	RD08	ROOF	ROOF DRAIN		MOSTLY SUMMER	Yes	STORM WATER
35	213	35-213-OPN-01	04A127	RD09	ROOF	ROOF DRAIN		MOSTLY SUMMER	Yes	STORM WATER
35	213	35-213-OPN-01	04A127	RD10	ROOF	ROOF DRAIN		MOSTLY SUMMER	Yes	STORM WATER
35	213	35-213-OPN-01	04A127	RD11	ROOF	ROOF DRAIN		MOSTLY SUMMER	Yes	STORM WATER
35	213	35-213-OPN-01	04A127	RD12	ROOF	ROOF DRAIN		MOSTLY SUMMER	Yes	STORM WATER
35	213	35-213-OPN-01	04A127	RD13	ROOF	ROOF DRAIN		MOSTLY SUMMER	Yes	STORM WATER

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TA	BLDG	OUTLET PIPING NO	EPA OUTFALL #	DRAIN #	ROOM #	ROOM DESCRIPTION	FLOW RATE	PERIODICITY	SEASONAL	SOURCE TYPES
35	213	35-213-OPN-01	04A127	RD14	ROOF	ROOF DRAIN		MOSTLY SUMMER	Yes	STORM WATER
35	213	35-213-OPN-01	04A127	RD15	ROOF	ROOF DRAIN		MOSTLY SUMMER	Yes	STORM WATER
35	213	35-213-OPN-01	04A127	RD16	ROOF	ROOF DRAIN		MOSTLY SUMMER	Yes	STORM WATER
35	213	35-213-OPN-02	04A127	RD01	ROOF	ROOF DRAIN		MOSTLY SUMMER	Yes	STORM WATER
35	213	35-213-OPN-02	04A127	RD2	ROOF	ROOF DRAIN		MOSTLY SUMMER	Yes	STORM WATER
35	213	35-213-OPN-02	04A127	RD3	ROOF	ROOF DRAIN		MOSTLY SUMMER	Yes	STORM WATER
35	213	35-213-OPN-02	04A127	RD4	ROOF	ROOF DRAIN		MOSTLY SUMMER	Yes	STORM WATER
35	213	35-213-OPN-02	04A127	RD5	ROOF	ROOF DRAIN		MOSTLY SUMMER	Yes	STORM WATER
35	213	35-213-OPN-03	04A127	RD28	ROOF	ROOF DRAIN		MOSTLY SUMMER	Yes	STORM WATER
35	213	35-213-OPN-03	04A127	RD29	ROOF	ROOF DRAIN		MOSTLY SUMMER	Yes	STORM WATER
35	213	35-213-OPN-03	04A127	RD30	ROOF	ROOF DRAIN		MOSTLY SUMMER	Yes	STORM WATER
35	213	35-213-OPN-03	04A127	RD31	ROOF	ROOF DRAIN		MOSTLY SUMMER	Yes	STORM WATER
35	213	35-213-OPN-03	04A127	RD32	ROOF	ROOF DRAIN		MOSTLY SUMMER	Yes	STORM WATER
35	213	35-213-OPN-03	04A127	RD33	ROOF	ROOF DRAIN		MOSTLY SUMMER	Yes	STORM WATER
35	213	35-213-OPN-03	04A127	RD34	ROOF	ROOF DRAIN		MOSTLY SUMMER	Yes	STORM WATER
35	213	35-213-OPN-03	04A127	RD35	ROOF	ROOF DRAIN		MOSTLY SUMMER	Yes	STORM WATER
35	213	35-213-OPN-03	04A127	RD36	ROOF	ROOF DRAIN		MOSTLY SUMMER	Yes	STORM WATER
35	213	35-213-OPN-03	04A127	RD37	ROOF	ROOF DRAIN		MOSTLY SUMMER	Yes	STORM WATER
35	213	35-213-OPN-04	04A127	RD17	ROOF	ROOF DRAIN		MOSTLY SUMMER	Yes	STORM WATER
35	213	35-213-OPN-04	04A127	RD18	ROOF	ROOF DRAIN		MOSTLY SUMMER	Yes	STORM WATER
35	213	35-213-OPN-04	04A127	RD19	ROOF	ROOF DRAIN		MOSTLY SUMMER	Yes	STORM WATER
35	213	35-213-OPN-04	04A127	RD20	ROOF	ROOF DRAIN		MOSTLY SUMMER	Yes	STORM WATER
35	213	35-213-OPN-04	04A127	RD21	ROOF	ROOF DRAIN		MOSTLY SUMMER	Yes	STORM WATER
35	213	35-213-OPN-04	04A127	RD22	ROOF	ROOF DRAIN		MOSTLY SUMMER	Yes	STORM WATER
35	213	35-213-OPN-04	04A127	RD23	ROOF	ROOF DRAIN		MOSTLY SUMMER	Yes	STORM WATER
35	213	35-213-OPN-04	04A127	RD24	ROOF	ROOF DRAIN		MOSTLY SUMMER	Yes	STORM WATER
35	213	35-213-OPN-04	04A127	RD25	ROOF	ROOF DRAIN		MOSTLY SUMMER	Yes	STORM WATER
35	213	35-213-OPN-04	04A127	RD26	ROOF	ROOF DRAIN		MOSTLY SUMMER	Yes	STORM WATER
35	213	35-213-OPN-04	04A127	RD27	ROOF	ROOF DRAIN		MOSTLY SUMMER	Yes	STORM WATER
35	213	35-213-OPN-05	10S/SWSC	2CS01	B106A	LABORATORY		FLOW IS NIL	No	FUME HOOD CUP SINK
35	213	35-213-OPN-05	10S/SWSC	2CS02	C116	LABORATORY		FLOW IS NIL	No	FUME HOOD CUP SINK
35	213	35-213-OPN-05	10S/SWSC	2CS03	G105	LABORATORY		FLOW IS NIL	No	FUME HOOD CUP SINK
35	213	35-213-OPN-05	10S/SWSC	2CS04	G104B	METALLURGY LAB		NO FLOW	No	WASTE COLLECTED IN CONTAINER

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TA	BLDG	OUTLET PIPING NO	EPA OUTFALL #	DRAIN #	ROOM #	ROOM DESCRIPTION	FLOW RATE	PERIODICITY	SEASONAL	SOURCE TYPES
35	213	35-213-OPN-05	10S/SWSC	2CS05	A107	LABORATORY		FLOW IS NIL	No	FUME HOOD CUP SINK
35	213	35-213-OPN-05	10S/SWSC	2CS06	A107A	LABORATORY		NO FLOW	No	CAPPED
35	213	35-213-OPN-05	10S/SWSC	2CS07	G104A	METALLURGY LAB		NO FLOW	No	WASTE COLLECTED IN CONTAINER
35	213	35-213-OPN-05	10S/SWSC	2CS08	G104A	METALLURGY LAB		NO FLOW	No	WASTE COLLECTED IN CONTAINER
35	213	35-213-OPN-05	10S/SWSC	2CS09	G104B	METALLURGY LAB		NO FLOW	No	WASTE COLLECTED IN CONTAINER
35	213	35-213-OPN-05	10S/SWSC	2CS10	G104B	METALLURGY LAB		NO FLOW	No	WASTE COLLECTED IN CONTAINER
35	213	35-213-OPN-05	10S/SWSC	2CS11	G104B	METALLURGY LAB		NO FLOW	No	WASTE COLLECTED IN CONTAINER
35	213	35-213-OPN-05	10S/SWSC	2EW1	C107	LABORATORY		FLOW IS NIL	No	EYE WASH DRAIN
35	213	35-213-OPN-05	10S/SWSC	2EW2	G104	METALLURGY LAB		FLOW IS NIL	No	EYE WASH DRAIN
35	213	35-213-OPN-05	10S/SWSC	2EW3	A100	CORRIDOR		FLOW IS NIL	No	EYE WASH DRAIN
35	213	35-213-OPN-05	10S/SWSC	2EW4	B119	LABORATORY		FLOW IS NIL	No	EYE WASH DRAIN
35	213	35-213-OPN-05	10S/SWSC	2EW5	C116	LABORATORY		5 DAYS/WEEK	No	EYE WASH DRAIN
35	213	35-213-OPN-05	10S/SWSC	2FD01	C107	LABORATORY		5 DAYS/WEEK	No	FLOOR WASHINGS
35	213	35-213-OPN-05	10S/SWSC	2FD02	C107	LABORATORY		5 DAYS/WEEK	No	FLOOR WASHINGS
35	213	35-213-OPN-05	10S/SWSC	2FD03	C107	LABORATORY		5 DAYS/WEEK	No	FLOOR WASHINGS
35	213	35-213-OPN-05	10S/SWSC	2FD04	C107	LABORATORY		5 DAYS/WEEK	No	FLOOR WASHINGS
35	213	35-213-OPN-05	10S/SWSC	2FD05	C103	LABORATORY		5 DAYS/WEEK	No	FLOOR WASHINGS
35	213	35-213-OPN-05	10S/SWSC	2FD06	C114	UTILITY CHASE		5 DAYS/WEEK	No	FLOOR WASHINGS
35	213	35-213-OPN-05	10S/SWSC	2FD07	G107	METALLURGY LAB		FLOW IS NIL	No	CHILLER WATER
35	213	35-213-OPN-05	10S/SWSC	2FD07	G107	METALLURGY LAB		5 DAYS/WEEK	No	FLOOR WASHINGS
35	213	35-213-OPN-05	10S/SWSC	2FD08	B119	METALLURGY LAB		5 DAYS/WEEK	No	FLOOR WASHINGS
35	213	35-213-OPN-05	10S/SWSC	2FD09	G104	METALLURGY LAB		5 DAYS/WEEK	No	FLOOR WASHINGS
35	213	35-213-OPN-05	10S/SWSC	2FD10	G104A	METALLURGY LAB		5 DAYS/WEEK	No	FLOOR WASHINGS
35	213	35-213-OPN-05	10S/SWSC	2FD11	G104A	METALLURGY LAB		5 DAYS/WEEK	No	FLOOR WASHINGS
35	213	35-213-OPN-05	10S/SWSC	2FD12	G104A	METALLURGY LAB		5 DAYS/WEEK	No	FLOOR WASHINGS
35	213	35-213-OPN-05	10S/SWSC	2FD13	C116	LABORATORY		5 DAYS/WEEK	No	FLOOR WASHINGS
35	213	35-213-OPN-05	10S/SWSC	2FD14	C116	LABORATORY		5 DAYS/WEEK	No	FLOOR WASHINGS
35	213	35-213-OPN-05	10S/SWSC	2FD15	C116	LABORATORY		5 DAYS/WEEK	No	FLOOR WASHINGS
35	213	35-213-OPN-05	10S/SWSC	2FD16	C116	LABORATORY		5 DAYS/WEEK	No	FLOOR WASHINGS
35	213	35-213-OPN-05	10S/SWSC	2FD17	C116	LABORATORY		5 DAYS/WEEK	No	FLOOR WASHINGS
35	213	35-213-OPN-05	10S/SWSC	2FD18	C116	LABORATORY		5 DAYS/WEEK	No	FLOOR WASHINGS
35	213	35-213-OPN-05	10S/SWSC	2FD19	C116	LABORATORY		5 DAYS/WEEK	No	FLOOR WASHINGS
35	213	35-213-OPN-05	10S/SWSC	2FD20	C105	UTILITY CHASE		FLOW IS NIL	No	FLOOR WASHINGS

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TA	BLDG	OUTLET	EPA	DRAIN #	ROOM #	ROOM DESCRIPTION	FLOW RATE	PERIODICITY	SEASONAL	SOURCE TYPES
		PIPING NO	OUTFALL #							
35	213	35-213-OPN-05	10S/SWSC	2FD20	C105	UTILITY CHASE		5 DAYS/WEEK	No	VACUUM PUMP DRAIN
35	213	35-213-OPN-05	10S/SWSC	2PD1	G104A	METALLURGY LAB		FLOW IS NIL	No	EQUIPMENT DRAINAGE WATER
35	213	35-213-OPN-05	10S/SWSC	2PD2	G104B	METALLURGY LAB		FLOW IS NIL	No	EQUIPMENT/EYE WASH DRAIN
35	213	35-213-OPN-05	10S/SWSC	2SD01	C103	LABORATORY		5 DAYS/WEEK	No	LABORATORY SINK
35	213	35-213-OPN-05	10S/SWSC	2SD02	C103	LABORATORY		5 DAYS/WEEK	No	LABORATORY SINK
35	213	35-213-OPN-05	10S/SWSC	2SD03	C103	LABORATORY		5 DAYS/WEEK	No	LABORATORY SINK
35	213	35-213-OPN-05	10S/SWSC	2SD04	C107A	LABORATORY		5 DAYS/WEEK	No	LABORATORY SINK
35	213	35-213-OPN-05	10S/SWSC	2SD05	C109	LABORATORY		5 DAYS/WEEK	No	LABORATORY SINK
35	213	35-213-OPN-05	10S/SWSC	2SD06	C103	LABORATORY		5 DAYS/WEEK	No	LABORATORY SINK
35	213	35-213-OPN-05	10S/SWSC	2SD07	C102	LABORATORY		5 DAYS/WEEK	No	LABORATORY SINK
35	213	35-213-OPN-05	10S/SWSC	2SD08	C102	LABORATORY		5 DAYS/WEEK	No	LABORATORY SINK
35	213	35-213-OPN-05	10S/SWSC	2SD09	B106	LABORATORY		5 DAYS/WEEK	No	LABORATORY SINK
35	213	35-213-OPN-05	10S/SWSC	2SD10	B106A	LABORATORY		5 DAYS/WEEK	No	LABORATORY SINK
35	213	35-213-OPN-05	10S/SWSC	2SD11	F104	COFFEE ROOM		5 DAYS/WEEK	No	COUNTERTOP SINK
35	213	35-213-OPN-05	10S/SWSC	2SD12	C110	LABORATORY		5 DAYS/WEEK	No	LABORATORY SINK
35	213	35-213-OPN-05	10S/SWSC	2SD13	B111	REST ROOM		5 DAYS/WEEK	No	HAND WASHINGS
35	213	35-213-OPN-05	10S/SWSC	2SD14	B111	REST ROOM		5 DAYS/WEEK	No	HAND WASHINGS
35	213	35-213-OPN-05	10S/SWSC	2SD15	B117	REST ROOM		5 DAYS/WEEK	No	HAND WASHINGS
35	213	35-213-OPN-05	10S/SWSC	2SD16	B117	REST ROOM		5 DAYS/WEEK	No	HAND WASHINGS
35	213	35-213-OPN-05	10S/SWSC	2SD17	B115	JANITOR'S CLOSET		5 DAYS/WEEK	No	JANITOR'S SINK
35	213	35-213-OPN-05	10S/SWSC	2SD18	G105	LABORATORY		5 DAYS/WEEK	No	LABORATORY SINK
35	213	35-213-OPN-05	10S/SWSC	2SD19	G105	LABORATORY		5 DAYS/WEEK	No	LABORATORY SINK
35	213	35-213-OPN-05	10S/SWSC	2SD20	G105	LABORATORY		5 DAYS/WEEK	No	LABORATORY SINK
35	213	35-213-OPN-05	10S/SWSC	2SD21	G104B	METALLURGY LAB		5 DAYS/WEEK	No	LABORATORY SINK
35	213	35-213-OPN-05	10S/SWSC	2SD22	G104A	METALLURGY LAB		5 DAYS/WEEK	No	LABORATORY SINK
35	213	35-213-OPN-05	10S/SWSC	2SD23	G104	METALLURGY LAB		5 DAYS/WEEK	No	LABORATORY SINK
35	213	35-213-OPN-05	10S/SWSC	2SD24	B119	LABORATORY		5 DAYS/WEEK	No	LABORATORY SINK
35	213	35-213-OPN-05	10S/SWSC	2SD25	C107	LABORATORY		5 DAYS/WEEK	No	LABORATORY SINK
35	213	35-213-OPN-05	10S/SWSC	2SD26	C107A	LABORATORY		5 DAYS/WEEK	No	LABORATORY SINK
35	213	35-213-OPN-05	10S/SWSC	2SD27	C107	LABORATORY		5 DAYS/WEEK	No	LABORATORY SINK
35	213	35-213-OPN-05	10S/SWSC	2SD28	C107	LABORATORY		5 DAYS/WEEK	No	LABORATORY SINK
35	213	35-213-OPN-05	10S/SWSC	2SD29	C116	LABORATORY		5 DAYS/WEEK	No	LABORATORY SINK
35	213	35-213-OPN-05	10S/SWSC	2SD30	J104	LABORATORY		5 DAYS/WEEK	No	LABORATORY SINK

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TA	BLDG	OUTLET PIPING NO	EPA OUTFALL #	DRAIN #	ROOM #	ROOM DESCRIPTION	FLOW RATE	PERIODICITY	SEASONAL	SOURCE TYPES
35	213	35-213-OPN-05	10S/SWSC	2SD31	J120	LABORATORY		5 DAYS/WEEK	No	LABORATORY SINK
35	213	35-213-OPN-05	10S/SWSC	2SD32	J100B	HALLWAY		NO FLOW	No	PLUGGED
35	213	35-213-OPN-05	10S/SWSC	2SD33	C116	LABORATORY		5 DAYS/WEEK	No	LABORATORY SINK
35	213	35-213-OPN-05	10S/SWSC	2SD34	C116	LABORATORY		5 DAYS/WEEK	No	LABORATORY SINK
35	213	35-213-OPN-05	10S/SWSC	2SD35	A107	LABORATORY		5 DAYS/WEEK	No	LABORATORY SINK
35	213	35-213-OPN-05	10S/SWSC	2SD36	C116	LABORATORY		5 DAYS/WEEK	No	LABORATORY SINK
35	213	35-213-OPN-05	10S/SWSC	2SD36	A107	LABORATORY		5 DAYS/WEEK	No	LABORATORY SINK
35	213	35-213-OPN-05	10S/SWSC	2SD37	A107	LABORATORY		5 DAYS/WEEK	No	LABORATORY SINK
35	213	35-213-OPN-05	10S/SWSC	2SD38	A107	LABORATORY		5 DAYS/WEEK	No	LABORATORY SINK
35	213	35-213-OPN-05	10S/SWSC	2SD39	J107A	SEM LABORATORY		5 DAYS/WEEK	No	LABORATORY SINK
35	213	35-213-OPN-05	10S/SWSC	2SS1	C116	LABORATORY		FLOW IS NIL	No	SAFETY SHOWER
35	213	35-213-OPN-05	10S/SWSC	2SS2	G105	LABORATORY		NO DRAINAGE	No	SAFETY SHOWER
35	213	35-213-OPN-05	10S/SWSC	2SS3	C116	LABORATORY		FLOW IS NIL	No	SAFETY SHOWER
35	213	35-213-OPN-05	10S/SWSC	2TL1	B111	REST ROOM		5 DAYS/WEEK	No	TOILET
35	213	35-213-OPN-05	10S/SWSC	2TL2	B111	REST ROOM		5 DAYS/WEEK	No	TOILET
35	213	35-213-OPN-05	10S/SWSC	2TL3	B117	REST ROOM		5 DAYS/WEEK	No	TOILET
35	213	35-213-OPN-05	10S/SWSC	2TL4	B117	REST ROOM		5 DAYS/WEEK	No	TOILET
35	213	35-213-OPN-05	10S/SWSC	2TL5	B117	REST ROOM		5 DAYS/WEEK	No	TOILET
35	213	35-213-OPN-05	10S/SWSC	2UR1	B111	REST ROOM		5 DAYS/WEEK	No	URINAL
35	213	35-213-OPN-05	10S/SWSC	2UR2	B111	REST ROOM		5 DAYS/WEEK	No	URINAL
35	213	35-213-OPN-05	10S/SWSC	2WF1	B100	HALLWAY		5 DAYS/WEEK	No	DRINKING FOUNTAIN
35	213	35-213-OPN-06	DAYLIGHT	N/A	N/A	FIRE PROTECTION SYSTEM		ANNUAL TESTING	No	FIRE WATER
35	213	35-213-OPN-07	04A127	1FD8	C19	RECEIVING AREA		FLOW IS NIL	No	FLOOR WASHINGS
35	213	35-213-OPN-08	DAYLIGHT	N/A	N/A	FIRE PROTECTION SYSTEM		ANNUAL TESTING	No	FIRE WATER
35	213	35-213-OPN-09	DAYLIGHT	N/A	N/A	FIRE PROTECTION SYSTEM		ANNUAL TESTING	No	FIRE WATER
35	213	35-213-OPN-10	DAYLIGHT	N/A	N/A	FIRE PROTECTION SYSTEM		ANNUAL TESTING	No	FIRE WATER
35	213	35-213-OPN-11	DAYLIGHT	N/A	N/A	FIRE PROTECTION SYSTEM		ANNUAL TESTING	No	FIRE WATER
35	213	35-213-OPN-12	DAYLIGHT	N/A	N/A	WATER HEATER PRV		FLOW IS NIL	No	WATER HEATER PRV
35	213	35-213-OPN-13	DAYLIGHT	N/A	N/A	EVAPORATIVE COOLER		FLOW IS NIL	No	EVAPORATIVE COOLER
35	213	35-213-OPN-14	10S/SWSC	1CS1	B20	FOAM DEVELOPMENT LAB		FLOW IS NIL	No	FUME HOOD CUP SINK
35	213	35-213-OPN-14	10S/SWSC	1CS2	B20	FOAM DEVELOPMENT LAB		FLOW IS NIL	No	FUME HOOD CUP SINK
35	213	35-213-OPN-14	10S/SWSC	1CS3	B22	LABORATORY		FLOW IS NIL	No	FUME HOOD CUP SINK
35	213	35-213-OPN-14	10S/SWSC	1CS4	B24	LABORATORY		FLOW IS NIL	No	FUME HOOD CUP SINK

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TA	BLDG	OUTLET PIPING NO	EPA OUTFALL #	DRAIN #	ROOM #	ROOM DESCRIPTION	FLOW RATE	PERIODICITY	SEASONAL	SOURCE TYPES
35	213	35-213-OPN-14	10S/SWSC	1CS5	B3A	LABORATORY		FLOW IS NIL	No	FUME HOOD CUP SINK
35	213	35-213-OPN-14	10S/SWSC	1CS6	B12	LABORATORY		FLOW IS NIL	No	FUME HOOD CUP SINK
35	213	35-213-OPN-14	10S/SWSC	1DW1	B3	LABORATORY		5 DAYS/WEEK	No	LABORATORY DISH WASHER
35	213	35-213-OPN-14	10S/SWSC	1ED1	B3	LABORATORY		5 DAYS/WEEK	No	LABORATORY EQUIPMENT DRAIN
35	213	35-213-OPN-14	10S/SWSC	1ED2	B3	LABORATORY		5 DAYS/WEEK	No	LABORATORY EQUIPMENT DRAIN
35	213	35-213-OPN-14	10S/SWSC	1ED3	B3	LABORATORY		5 DAYS/WEEK	No	LABORATORY EQUIPMENT DRAIN
35	213	35-213-OPN-14	10S/SWSC	1ED4	B9	LABORATORY		5 DAYS/WEEK	No	LABORATORY EQUIPMENT DRAIN
35	213	35-213-OPN-14	10S/SWSC	1ED5	B9	LABORATORY		5 DAYS/WEEK	No	LABORATORY EQUIPMENT DRAIN
35	213	35-213-OPN-14	10S/SWSC	1EW1	F6	LABORATORY		FLOW IS NIL	No	EYE WASH DRAIN
35	213	35-213-OPN-14	10S/SWSC	1EW2	B3	LABORATORY		FLOW IS NIL	No	EYE WASH DRAIN
35	213	35-213-OPN-14	10S/SWSC	1EW3	B10	LABORATORY		FLOW IS NIL	No	EYE WASH DRAIN
35	213	35-213-OPN-14	10S/SWSC	1EW4	B12	LABORATORY		FLOW IS NIL	No	EYE WASH DRAIN
35	213	35-213-OPN-14	10S/SWSC	1EW5	C18	PRECISION SHOP		FLOW IS NIL	No	EYE WASH DRAIN
35	213	35-213-OPN-14	10S/SWSC	1EW6	B14	LABORATORY		FLOW IS NIL	No	EYE WASH DRAIN
35	213	35-213-OPN-14	10S/SWSC	1EW7	H10	FILM LABORATORY		FLOW IS NIL	No	EYE WASH DRAIN
35	213	35-213-OPN-14	10S/SWSC	1EW8	H2A	DARK ROOM		FLOW IS NIL	No	EYE WASH DRAIN
35	213	35-213-OPN-14	10S/SWSC	1EW9	G5	LABORATORY		FLOW IS NIL	No	EYE WASH DRAIN
35	213	35-213-OPN-14	10S/SWSC	1FD01	D5A	SHOWER AREA		5 DAYS/WEEK	No	SHOWER/FLOOR WASHINGS
35	213	35-213-OPN-14	10S/SWSC	1FD02	D15A	SHOWER AREA		5 DAYS/WEEK	No	FLOOR WASHINGS
35	213	35-213-OPN-14	10S/SWSC	1FD03	D9	JANITOR'S CLOSET		5 DAYS/WEEK	No	FLOOR WASHINGS
35	213	35-213-OPN-14	10S/SWSC	1FD04	F7	LABORATORY		5 DAYS/WEEK	No	FLOOR WASHINGS
35	213	35-213-OPN-14	10S/SWSC	1FD05	F6	LABORATORY		5 DAYS/WEEK	No	FLOOR WASHINGS
35	213	35-213-OPN-14	10S/SWSC	1FD06	B29	EQUIPMENT ROOM		FLOW IS NIL	No	FLOOR WASHINGS
35	213	35-213-OPN-14	10S/SWSC	1FD06	B29	EQUIPMENT ROOM		FLOW IS NIL	No	COLD WATER PUMP DRAIN
35	213	35-213-OPN-14	10S/SWSC	1FD07	C10	UTILITY CHASE		5 DAYS/WEEK	No	FLOOR WASHINGS
35	213	35-213-OPN-14	10S/SWSC	1FD09	B20	FOAM DEVELOPMENT LAB		5 DAYS/WEEK	No	FLOOR WASHINGS
35	213	35-213-OPN-14	10S/SWSC	1FD10	B22	LABORATORY		5 DAYS/WEEK	No	FLOOR WASHINGS
35	213	35-213-OPN-14	10S/SWSC	1FD11	B22	LABORATORY		5 DAYS/WEEK	No	FLOOR WASHINGS
35	213	35-213-OPN-14	10S/SWSC	1FD12	B22	LABORATORY		5 DAYS/WEEK	No	FLOOR WASHINGS
35	213	35-213-OPN-14	10S/SWSC	1FD13	B24	LABORATORY		5 DAYS/WEEK	No	FLOOR WASHINGS
35	213	35-213-OPN-14	10S/SWSC	1FD14	H9	UTILITY CHASE		5 DAYS/WEEK	No	FLOOR WASHINGS
35	213	35-213-OPN-14	10S/SWSC	1FD15	G5	ORGANIC LABORATORY		5 DAYS/WEEK	No	FLOOR WASHINGS
35	213	35-213-OPN-14	10S/SWSC	1FD16	A7	COATING LABORATORY		5 DAYS/WEEK	No	FLOOR WASHINGS

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TA	BLDG	OUTLET PIPING NO	EPA OUTFALL #	DRAIN #	ROOM #	ROOM DESCRIPTION	FLOW RATE	PERIODICITY	SEASONAL	SOURCE TYPES
35	213	35-213-OPN-14	10S/SWSC	1FD17	A7	COATING LABORATORY		5 DAYS/WEEK	No	FLOOR WASHINGS
35	213	35-213-OPN-14	10S/SWSC	1FD18	A7	COATING LABORATORY		5 DAYS/WEEK	No	FLOOR WASHINGS
35	213	35-213-OPN-14	10S/SWSC	1FD19	A7	COATING LABORATORY		5 DAYS/WEEK	No	FLOOR WASHINGS
35	213	35-213-OPN-14	10S/SWSC	1FD20	G5	ORGANIC LABORATORY		5 DAYS/WEEK	No	FLOOR WASHINGS
35	213	35-213-OPN-14	10S/SWSC	1FD21	H2A	DARK ROOM		5 DAYS/WEEK	No	FLOOR WASHINGS
35	213	35-213-OPN-14	10S/SWSC	1FD22	B29	EQUIPMENT ROOM		FLOW IS NIL	No	FIRE BACKFLOW PREVENTER
35	213	35-213-OPN-14	10S/SWSC	1FD22	B29	EQUIPMENT ROOM		FLOW IS NIL	No	FLOOR WASHINGS
35	213	35-213-OPN-14	10S/SWSC	1FD22	B29	EQUIPMENT ROOM		FLOW IS NIL	No	CHILLER CONDENSATE
35	213	35-213-OPN-14	10S/SWSC	1FD23	B29	EQUIPMENT ROOM		FLOW IS NIL	No	FLOOR WASHINGS
35	213	35-213-OPN-14	10S/SWSC	1FD23	B29	EQUIPMENT ROOM		FLOW IS NIL	No	HOT WATER PUMP DRAIN
35	213	35-213-OPN-14	10S/SWSC	1FD24	B29	EQUIPMENT ROOM		FLOW IS NIL	No	FLOOR WASHINGS
35	213	35-213-OPN-14	10S/SWSC	1FD25	B29	EQUIPMENT ROOM		FLOW IS NIL	No	FLOOR WASHINGS
35	213	35-213-OPN-14	10S/SWSC	1FD26	B29	EQUIPMENT ROOM		FLOW IS NIL	No	FLOOR WASHINGS
35	213	35-213-OPN-14	10S/SWSC	1FD27	B29	EQUIPMENT ROOM		FLOW IS NIL	No	FLOOR WASHINGS
35	213	35-213-OPN-14	10S/SWSC	1FD28	B29	EQUIPMENT ROOM		FLOW IS NIL	No	FLOOR WASHINGS
35	213	35-213-OPN-14	10S/SWSC	1FD29	B29	EQUIPMENT ROOM		FLOW IS NIL	No	AIR PUMP
35	213	35-213-OPN-14	10S/SWSC	1FD29	B29	EQUIPMENT ROOM		FLOW IS NIL	No	AIR GAP VALVE
35	213	35-213-OPN-14	10S/SWSC	1FD29	B29	EQUIPMENT ROOM		FLOW IS NIL	No	CONDENSATE DRAIN
35	213	35-213-OPN-14	10S/SWSC	1FD29	B29	EQUIPMENT ROOM		FLOW IS NIL	No	COLD WATER PUMP
35	213	35-213-OPN-14	10S/SWSC	1FD29	B29	EQUIPMENT ROOM		FLOW IS NIL	No	FLOOR WASHINGS
35	213	35-213-OPN-14	10S/SWSC	1FD29	B29	EQUIPMENT ROOM		FLOW IS NIL	No	AIR DRYER/FILTER DRAIN
35	213	35-213-OPN-14	10S/SWSC	1FD30	B29	EQUIPMENT ROOM		FLOW IS NIL	No	FLOOR WASHINGS
35	213	35-213-OPN-14	10S/SWSC	1FD30	B29	EQUIPMENT ROOM		FLOW IS NIL	No	COLD WATER PUMP DRAIN
35	213	35-213-OPN-14	10S/SWSC	1FD31	B29	EQUIPMENT ROOM		FLOW IS NIL	No	COLD WATER PUMP DRAIN
35	213	35-213-OPN-14	10S/SWSC	1FD31	B29	EQUIPMENT ROOM		FLOW IS NIL	No	FLOOR WASHINGS
35	213	35-213-OPN-14	10S/SWSC	1FD31	B29	EQUIPMENT ROOM		FLOW IS NIL	No	COLD WATER LINE DRAIN (2)
35	213	35-213-OPN-14	10S/SWSC	1FD31	B29	EQUIPMENT ROOM		FLOW IS NIL	No	COLD WATER LINE DRAIN (1)
35	213	35-213-OPN-14	10S/SWSC	1FD32	B29	EQUIPMENT ROOM		FLOW IS NIL	No	FLOOR WASHINGS
35	213	35-213-OPN-14	10S/SWSC	1FD33	B29	EQUIPMENT ROOM		FLOW IS NIL	No	FLOOR WASHINGS
35	213	35-213-OPN-14	10S/SWSC	1FD33	B29	EQUIPMENT ROOM		FLOW IS NIL	No	AIR EQUIPMENT DRAINAGE
35	213	35-213-OPN-14	10S/SWSC	1FD34	B29	EQUIPMENT ROOM		FLOW IS NIL	No	AIR TANK CONDENSATE (2)
35	213	35-213-OPN-14	10S/SWSC	1FD34	B29	EQUIPMENT ROOM		FLOW IS NIL	No	AIR TANK CONDENSATE (1)
35	213	35-213-OPN-14	10S/SWSC	1FD34	B29	EQUIPMENT ROOM		FLOW IS NIL	No	AIR DRYER DRAIN

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TA	BLDG	OUTLET PIPING NO	EPA OUTFALL #	DRAIN #	ROOM #	ROOM DESCRIPTION	FLOW RATE	PERIODICITY	SEASONAL	SOURCE TYPES
35	213	35-213-OPN-14	10S/SWSC	1FD34	B29	EQUIPMENT ROOM		FLOW IS NIL	No	FLOOR WASHINGS
35	213	35-213-OPN-14	10S/SWSC	1FD34	B29	EQUIPMENT ROOM		FLOW IS NIL	No	OIL CRANKCASE DRAIN
35	213	35-213-OPN-14	10S/SWSC	1FD35	B29	EQUIPMENT ROOM		FLOW IS NIL	No	COLD WATER BACKFLOW PREVENTER
35	213	35-213-OPN-14	10S/SWSC	1FD35	B29	EQUIPMENT ROOM		FLOW IS NIL	No	FLOOR WASHINGS
35	213	35-213-OPN-14	10S/SWSC	1FD35	B29	EQUIPMENT ROOM		FLOW IS NIL	No	VACUUM PUMP CANISTER DRAIN
35	213	35-213-OPN-14	10S/SWSC	1FD35	B29	EQUIPMENT ROOM		FLOW IS NIL	No	VACUUM PUMP CONDENSATE DRAIN
35	213	35-213-OPN-14	10S/SWSC	1FD36	B29	EQUIPMENT ROOM		FLOW IS NIL	No	FLOOR WASHINGS
35	213	35-213-OPN-14	10S/SWSC	1FD36	B29	EQUIPMENT ROOM		FLOW IS NIL	No	COLD WATER PUMP DRAIN (1)
35	213	35-213-OPN-14	10S/SWSC	1FD36	B29	EQUIPMENT ROOM		FLOW IS NIL	No	COLD WATER PUMP DRAIN (2)
35	213	35-213-OPN-14	10S/SWSC	1FD36	B29	EQUIPMENT ROOM		FLOW IS NIL	No	COLD WATER LINE DRAIN (1)
35	213	35-213-OPN-14	10S/SWSC	1FD36	B29	EQUIPMENT ROOM		FLOW IS NIL	No	COLD WATER LINE DRAIN (2)
35	213	35-213-OPN-14	10S/SWSC	1FD37	B29	EQUIPMENT ROOM		FLOW IS NIL	No	COLD WATER PRESSURE RELIEF (1)
35	213	35-213-OPN-14	10S/SWSC	1FD37	B29	EQUIPMENT ROOM		FLOW IS NIL	No	CHILLER WATER LINE DRAIN
35	213	35-213-OPN-14	10S/SWSC	1FD37	B29	EQUIPMENT ROOM		FLOW IS NIL	No	CHILLER RECIRCULATION PUMP DRAIN
35	213	35-213-OPN-14	10S/SWSC	1FD37	B29	EQUIPMENT ROOM		FLOW IS NIL	No	COLD WATER PRESSURE RELIEF (2)
35	213	35-213-OPN-14	10S/SWSC	1FD37	B29	EQUIPMENT ROOM		FLOW IS NIL	No	FLOOR WASHINGS
35	213	35-213-OPN-14	10S/SWSC	1FD38	B29	EQUIPMENT ROOM		FLOW IS NIL	No	REVERSE OSMOSIS OVERFLOW DRAIN
35	213	35-213-OPN-14	10S/SWSC	1FD38	B29	EQUIPMENT ROOM		FLOW IS NIL	No	FLOOR WASHINGS
35	213	35-213-OPN-14	10S/SWSC	1FD38	B29	EQUIPMENT ROOM		FLOW IS NIL	No	REVERSE OSMOSIS TANK DRAIN
35	213	35-213-OPN-14	10S/SWSC	1FD39	B29	EQUIPMENT ROOM		FLOW IS NIL	No	FLOOR WASHINGS
35	213	35-213-OPN-14	10S/SWSC	1FD39	B29	EQUIPMENT ROOM		FLOW IS NIL	No	REVERSE OSMOSIS OVERFLOW DRAIN
35	213	35-213-OPN-14	10S/SWSC	1FD39	B29	EQUIPMENT ROOM		FLOW IS NIL	No	REVERSE OSMOSIS TANK DRAIN
35	213	35-213-OPN-14	10S/SWSC	1FD40	B29A	EQUIPMENT ROOM		FLOW IS NIL	No	BOILER AIR GAP VALVE (1)
35	213	35-213-OPN-14	10S/SWSC	1FD40	B29A	EQUIPMENT ROOM		FLOW IS NIL	No	BOILER PRESSURE RELIEF VALVE
35	213	35-213-OPN-14	10S/SWSC	1FD40	B29A	EQUIPMENT ROOM		FLOW IS NIL	No	FLOOR WASHINGS
35	213	35-213-OPN-14	10S/SWSC	1FD40	B29A	EQUIPMENT ROOM		FLOW IS NIL	No	STEAM SURGE TANK VENT DRAIN
35	213	35-213-OPN-14	10S/SWSC	1FD40	B29A	EQUIPMENT ROOM		FLOW IS NIL	No	BOILER AIR GAP VALVE (2)
35	213	35-213-OPN-14	10S/SWSC	1FD40	B29A	EQUIPMENT ROOM		FLOW IS NIL	No	STEAM SURGE TANK DRAIN
35	213	35-213-OPN-14	10S/SWSC	1FD40	B29A	EQUIPMENT ROOM		FLOW IS NIL	No	BOILER TANK DRAIN
35	213	35-213-OPN-14	10S/SWSC	1FD40	B29A	EQUIPMENT ROOM		FLOW IS NIL	No	HOT WATER FILTER DRAIN
35	213	35-213-OPN-14	10S/SWSC	1FD41	B29A	EQUIPMENT ROOM		FLOW IS NIL	No	STEAM AIR GAP VALVE
35	213	35-213-OPN-14	10S/SWSC	1FD41	B29A	EQUIPMENT ROOM		FLOW IS NIL	No	HOT WATER LINE DRAIN
35	213	35-213-OPN-14	10S/SWSC	1FD41	B29A	EQUIPMENT ROOM		FLOW IS NIL	No	BOILER BACKFLOW PREVENTER

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TA	BLDG	OUTLET	EPA	DRAIN #	ROOM #	ROOM DESCRIPTION	FLOW RATE	PERIODICITY	SEASONAL	SOURCE TYPES	
		PIPING NO	OUTFALL #								
35	213	35-213-OPN-14	10S/SWSC	1FD41	B29A	EQUIPMENT ROOM			FLOW IS NIL	No	FLOOR WASHINGS
35	213	35-213-OPN-14	10S/SWSC	1FD41	B29A	EQUIPMENT ROOM			FLOW IS NIL	No	HOT WATER PRESSURE RELIEF VALVE
35	213	35-213-OPN-14	10S/SWSC	1FD42	B29A	EQUIPMENT ROOM			FLOW IS NIL	No	HOT WATER PRESSURE RELIEF (3)
35	213	35-213-OPN-14	10S/SWSC	1FD42	B29A	EQUIPMENT ROOM			FLOW IS NIL	No	FLOOR WASHINGS
35	213	35-213-OPN-14	10S/SWSC	1FD42	B29A	EQUIPMENT ROOM			FLOW IS NIL	No	HOT WATER PRESSURE RELIEF (2)
35	213	35-213-OPN-14	10S/SWSC	1FD42	B29A	EQUIPMENT ROOM			FLOW IS NIL	No	HOT WATER PRESSURE RELIEF (1)
35	213	35-213-OPN-14	10S/SWSC	1FD43	B29A	EQUIPMENT ROOM			FLOW IS NIL	No	FLOOR WASHINGS
35	213	35-213-OPN-14	10S/SWSC	1FD43	B29A	EQUIPMENT ROOM			FLOW IS NIL	No	HOT WATER PUMP DRAIN
35	213	35-213-OPN-14	10S/SWSC	1FD43	B29A	EQUIPMENT ROOM			FLOW IS NIL	No	STEAM SURGE TANK DRAIN
35	213	35-213-OPN-14	10S/SWSC	1FD43	B29A	EQUIPMENT ROOM			FLOW IS NIL	No	STEAM AIR GAP VALVE
35	213	35-213-OPN-14	10S/SWSC	1FD44	B29A	EQUIPMENT ROOM			FLOW IS NIL	No	FLOOR WASHINGS
35	213	35-213-OPN-14	10S/SWSC	1FD45	B29A	EQUIPMENT ROOM			FLOW IS NIL	No	BOILER CONDENSATE DRAIN (3)
35	213	35-213-OPN-14	10S/SWSC	1FD45	B29A	EQUIPMENT ROOM			FLOW IS NIL	No	BOILER AIR GAP VALVE (2)
35	213	35-213-OPN-14	10S/SWSC	1FD45	B29A	EQUIPMENT ROOM			FLOW IS NIL	No	BOILER AIR GAP VALVE (1)
35	213	35-213-OPN-14	10S/SWSC	1FD45	B29A	EQUIPMENT ROOM			FLOW IS NIL	No	BOILER CONDENSATE DRAIN (4)
35	213	35-213-OPN-14	10S/SWSC	1FD45	B29A	EQUIPMENT ROOM			FLOW IS NIL	No	BOILER CONDENSATE DRAIN (2)
35	213	35-213-OPN-14	10S/SWSC	1FD45	B29A	EQUIPMENT ROOM			FLOW IS NIL	No	BOILER CONDENSATE DRAIN (1)
35	213	35-213-OPN-14	10S/SWSC	1FD45	B29A	EQUIPMENT ROOM			FLOW IS NIL	No	FLOOR WASHINGS
35	213	35-213-OPN-14	10S/SWSC	1FD45	B29A	EQUIPMENT ROOM			FLOW IS NIL	No	BOILER TANK DRAIN
35	213	35-213-OPN-14	10S/SWSC	1FD46	B29A	EQUIPMENT ROOM			FLOW IS NIL	No	FLOOR WASHINGS
35	213	35-213-OPN-14	10S/SWSC	1FD46	B29A	EQUIPMENT ROOM			FLOW IS NIL	No	BOILER AIR GAP VALVE (2)
35	213	35-213-OPN-14	10S/SWSC	1FD46	B29A	EQUIPMENT ROOM			FLOW IS NIL	No	BOILER CONDENSATE DRAIN (4)
35	213	35-213-OPN-14	10S/SWSC	1FD46	B29A	EQUIPMENT ROOM			FLOW IS NIL	No	BOILER CONDENSATE DRAIN (2)
35	213	35-213-OPN-14	10S/SWSC	1FD46	B29A	EQUIPMENT ROOM			FLOW IS NIL	No	BOILER CONDENSATE DRAIN (1)
35	213	35-213-OPN-14	10S/SWSC	1FD46	B29A	EQUIPMENT ROOM			FLOW IS NIL	No	BOILER TANK DRAIN
35	213	35-213-OPN-14	10S/SWSC	1FD46	B29A	EQUIPMENT ROOM			FLOW IS NIL	No	BOILER CONDENSATE DRAIN (3)
35	213	35-213-OPN-14	10S/SWSC	1FD46	B29A	EQUIPMENT ROOM			FLOW IS NIL	No	BOILER AIR GAP VALVE (1)
35	213	35-213-OPN-14	10S/SWSC	1FD47	B29A	EQUIPMENT ROOM			FLOW IS NIL	No	FLOOR WASHINGS
35	213	35-213-OPN-14	10S/SWSC	1FD47	B29A	EQUIPMENT ROOM			FLOW IS NIL	No	HOT WATER PUMP DRAIN
35	213	35-213-OPN-14	10S/SWSC	1FD48	B29	EQUIPMENT ROOM			FLOW IS NIL	No	COLD WATER BACKFLOW PREVENTER (1)
35	213	35-213-OPN-14	10S/SWSC	1FD48	B29	EQUIPMENT ROOM			FLOW IS NIL	No	FLOOR WASHINGS
35	213	35-213-OPN-14	10S/SWSC	1FD48	B29	EQUIPMENT ROOM			FLOW IS NIL	No	COOLING TOWER BLOWDOWN
35	213	35-213-OPN-14	10S/SWSC	1FD48	B29	EQUIPMENT ROOM			FLOW IS NIL	No	COLD WATER FILTER DRAIN (2)

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TA	BLDG	OUTLET PIPING NO	EPA OUTFALL #	DRAIN #	ROOM #	ROOM DESCRIPTION	FLOW RATE	PERIODICITY	SEASONAL	SOURCE TYPES
35	213	35-213-OPN-14	10S/SWSC	1FD48	B29	EQUIPMENT ROOM		FLOW IS NIL	No	COLD WATER FILTER DRAIN (1)
35	213	35-213-OPN-14	10S/SWSC	1FD48	B29	EQUIPMENT ROOM		FLOW IS NIL	No	COLD WATER BACKFLOW PREVENTER (4)
35	213	35-213-OPN-14	10S/SWSC	1FD48	B29	EQUIPMENT ROOM		FLOW IS NIL	No	COLD WATER BACKFLOW PREVENTER (3)
35	213	35-213-OPN-14	10S/SWSC	1FD48	B29	EQUIPMENT ROOM		FLOW IS NIL	No	COLD WATER BACKFLOW PREVENTER (2)
35	213	35-213-OPN-14	10S/SWSC	1FD49	B29	EQUIPMENT ROOM		FLOW IS NIL	No	FLOOR WASHINGS
35	213	35-213-OPN-14	10S/SWSC	1FD50	B29	EQUIPMENT ROOM		FLOW IS NIL	No	CHILLER CONDENSATE (1)
35	213	35-213-OPN-14	10S/SWSC	1FD50	B29	EQUIPMENT ROOM		FLOW IS NIL	No	CHILLER CONDENSATE (2)
35	213	35-213-OPN-14	10S/SWSC	1FD50	B29	EQUIPMENT ROOM		FLOW IS NIL	No	CHILLER UNIT DRAIN (1)
35	213	35-213-OPN-14	10S/SWSC	1FD50	B29	EQUIPMENT ROOM		FLOW IS NIL	No	CHILLER UNIT DRAIN (2)
35	213	35-213-OPN-14	10S/SWSC	1FD50	B29	EQUIPMENT ROOM		FLOW IS NIL	No	FLOOR WASHINGS
35	213	35-213-OPN-14	10S/SWSC	1FD51	B29	EQUIPMENT ROOM		FLOW IS NIL	No	FLOOR WASHINGS
35	213	35-213-OPN-14	10S/SWSC	1FD52	B29	EQUIPMENT ROOM		FLOW IS NIL	No	HOT WATER PUMP DRAIN
35	213	35-213-OPN-14	10S/SWSC	1FD52	B29	EQUIPMENT ROOM		FLOW IS NIL	No	FLOOR WASHINGS
35	213	35-213-OPN-14	10S/SWSC	1FD53	B29	EQUIPMENT ROOM		FLOW IS NIL	No	FLOOR WASHINGS
35	213	35-213-OPN-14	10S/SWSC	1FD53	B29	EQUIPMENT ROOM		FLOW IS NIL	No	FEED WATER DRAIN (1)
35	213	35-213-OPN-14	10S/SWSC	1FD53	B29	EQUIPMENT ROOM		FLOW IS NIL	No	FEED WATER DRAIN (2)
35	213	35-213-OPN-14	10S/SWSC	1FD53	B29	EQUIPMENT ROOM		FLOW IS NIL	No	FEED WATER DRAIN (3)
35	213	35-213-OPN-14	10S/SWSC	1FD54	B29	EQUIPMENT ROOM		FLOW IS NIL	No	AIR FILTER DRAIN (2)
35	213	35-213-OPN-14	10S/SWSC	1FD54	B29	EQUIPMENT ROOM		FLOW IS NIL	No	AIR FILTER DRAIN (1)
35	213	35-213-OPN-14	10S/SWSC	1FD54	B29	EQUIPMENT ROOM		FLOW IS NIL	No	AIR TANK DRAIN (2)
35	213	35-213-OPN-14	10S/SWSC	1FD54	B29	EQUIPMENT ROOM		FLOW IS NIL	No	AIR TANK DRAIN (3)
35	213	35-213-OPN-14	10S/SWSC	1FD54	B29	EQUIPMENT ROOM		FLOW IS NIL	No	AIR TANK DRAIN (1)
35	213	35-213-OPN-14	10S/SWSC	1FD54	B29	EQUIPMENT ROOM		FLOW IS NIL	No	FLOOR WASHINGS
35	213	35-213-OPN-14	10S/SWSC	1FD55	B29	EQUIPMENT ROOM		FLOW IS NIL	No	FLOOR WASHINGS
35	213	35-213-OPN-14	10S/SWSC	1FD55	B29	EQUIPMENT ROOM		FLOW IS NIL	No	REVERSE OSMOSIS MANIFOLD DRAIN (2)
35	213	35-213-OPN-14	10S/SWSC	1FD55	B29	EQUIPMENT ROOM		FLOW IS NIL	No	REVERSE OSMOSIS MANIFOLD DRAIN (1)
35	213	35-213-OPN-14	10S/SWSC	1FD55	B29	EQUIPMENT ROOM		FLOW IS NIL	No	REVERSE OSMOSIS BLOWDOWN DRAIN
35	213	35-213-OPN-14	10S/SWSC	1FD56	B29	EQUIPMENT ROOM		FLOW IS NIL	No	FLOOR WASHINGS
35	213	35-213-OPN-14	10S/SWSC	1FD57	B29	EQUIPMENT ROOM		FLOW IS NIL	No	FLOOR WASHINGS
35	213	35-213-OPN-14	10S/SWSC	1FD57	B29	EQUIPMENT ROOM		FLOW IS NIL	No	CHILLER WATER PUMP DRAIN
35	213	35-213-OPN-14	10S/SWSC	1FD58	B29	EQUIPMENT ROOM		FLOW IS NIL	No	FLOOR WASHINGS
35	213	35-213-OPN-14	10S/SWSC	1FD58	B29	EQUIPMENT ROOM		FLOW IS NIL	No	CHILLER WATER PUMP DRAIN
35	213	35-213-OPN-14	10S/SWSC	1FD59	B29	EQUIPMENT ROOM		FLOW IS NIL	No	FLOOR WASHINGS

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TA	BLDG	OUTLET	EPA	DRAIN #	ROOM #	ROOM DESCRIPTION	FLOW RATE	PERIODICITY	SEASONAL	SOURCE TYPES
		PIPING NO	OUTFALL #							
35	213	35-213-OPN-14	10S/SWSC	11M1	D3	CAFETERIA		5 DAYS/WEEK	No	CONDENSED WATER
35	213	35-213-OPN-14	10S/SWSC	1SD01	D7	REST ROOM		5 DAYS/WEEK	No	HAND WASHINGS
35	213	35-213-OPN-14	10S/SWSC	1SD02	D7	REST ROOM		5 DAYS/WEEK	No	HAND WASHINGS
35	213	35-213-OPN-14	10S/SWSC	1SD03	D11	REST ROOM		5 DAYS/WEEK	No	HAND WASHINGS
35	213	35-213-OPN-14	10S/SWSC	1SD04	D11	REST ROOM		5 DAYS/WEEK	No	HAND WASHINGS
35	213	35-213-OPN-14	10S/SWSC	1SD05	D9	JANITOR'S CLOSET		5 DAYS/WEEK	No	JANITOR'S SINK
35	213	35-213-OPN-14	10S/SWSC	1SD06	D3	CAFETERIA		5 DAYS/WEEK	No	COUNTERTOP SINK
35	213	35-213-OPN-14	10S/SWSC	1SD07	D17	TRITIUM LABORATORY		5 DAYS/WEEK	No	LABORATORY SINK
35	213	35-213-OPN-14	10S/SWSC	1SD08	F11	LABORATORY		5 DAYS/WEEK	No	LABORATORY SINK
35	213	35-213-OPN-14	10S/SWSC	1SD09	E6	CO2 LASER LABORATORY		5 DAYS/WEEK	No	LABORATORY SINK
35	213	35-213-OPN-14	10S/SWSC	1SD10	F9	LABORATORY		5 DAYS/WEEK	No	LABORATORY SINK
35	213	35-213-OPN-14	10S/SWSC	1SD11	E7	LABORATORY		5 DAYS/WEEK	No	LABORATORY SINK
35	213	35-213-OPN-14	10S/SWSC	1SD12	F7	LABORATORY		5 DAYS/WEEK	No	LABORATORY SINK
35	213	35-213-OPN-14	10S/SWSC	1SD13	E2	LABORATORY		5 DAYS/WEEK	No	LABORATORY SINK
35	213	35-213-OPN-14	10S/SWSC	1SD14	F6	LABORATORY		5 DAYS/WEEK	No	LABORATORY SINK
35	213	35-213-OPN-14	10S/SWSC	1SD15	B3	LABORATORY		5 DAYS/WEEK	No	LABORATORY SINK
35	213	35-213-OPN-14	10S/SWSC	1SD16	B3C	LABORATORY		5 DAYS/WEEK	No	LABORATORY SINK
35	213	35-213-OPN-14	10S/SWSC	1SD17	B3C	LABORATORY		5 DAYS/WEEK	No	LABORATORY SINK
35	213	35-213-OPN-14	10S/SWSC	1SD18	B3C	LABORATORY		5 DAYS/WEEK	No	LABORATORY SINK
35	213	35-213-OPN-14	10S/SWSC	1SD19	B3C	LABORATORY		5 DAYS/WEEK	No	LABORATORY SINK
35	213	35-213-OPN-14	10S/SWSC	1SD20	B3	LABORATORY		5 DAYS/WEEK	No	LABORATORY SINK
35	213	35-213-OPN-14	10S/SWSC	1SD21	B3	LABORATORY		5 DAYS/WEEK	No	LABORATORY SINK
35	213	35-213-OPN-14	10S/SWSC	1SD22	B3A	LABORATORY		5 DAYS/WEEK	No	LABORATORY SINK
35	213	35-213-OPN-14	10S/SWSC	1SD23	B10	LABORATORY		5 DAYS/WEEK	No	LABORATORY SINK
35	213	35-213-OPN-14	10S/SWSC	1SD24	B10	LABORATORY		5 DAYS/WEEK	No	LABORATORY SINK
35	213	35-213-OPN-14	10S/SWSC	1SD25	B12	LABORATORY		5 DAYS/WEEK	No	LABORATORY SINK
35	213	35-213-OPN-14	10S/SWSC	1SD26	B9A	LABORATORY		5 DAYS/WEEK	No	LABORATORY SINK
35	213	35-213-OPN-14	10S/SWSC	1SD27	B15	OPTICAL COATING LAB		5 DAYS/WEEK	No	LABORATORY SINK
35	213	35-213-OPN-14	10S/SWSC	1SD28	B17	LASER LABORATORY		5 DAYS/WEEK	No	LABORATORY SINK
35	213	35-213-OPN-14	10S/SWSC	1SD29	C18	PRECISION SHOP		5 DAYS/WEEK	No	LABORATORY SINK
35	213	35-213-OPN-14	10S/SWSC	1SD30	B21	REST ROOM		5 DAYS/WEEK	No	HAND WASHING
35	213	35-213-OPN-14	10S/SWSC	1SD31	B23	REST ROOM		5 DAYS/WEEK	No	HAND WASHING
35	213	35-213-OPN-14	10S/SWSC	1SD32	B14	LABORATORY		5 DAYS/WEEK	No	LABORATORY SINK

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TA	BLDG	OUTLET PIPING NO	EPA OUTFALL #	DRAIN #	ROOM #	ROOM DESCRIPTION	FLOW RATE	PERIODICITY	SEASONAL	SOURCE TYPES
35	213	35-213-OPN-14	10S/SWSC	1SD33	B20	FOAM DEVELOPMENT LAB		5 DAYS/WEEK	No	LABORATORY SINK
35	213	35-213-OPN-14	10S/SWSC	1SD34	B20	FOAM DEVELOPMENT LAB		5 DAYS/WEEK	No	LABORATORY SINK
35	213	35-213-OPN-14	10S/SWSC	1SD35	B22	LABORATORY		5 DAYS/WEEK	No	LABORATORY SINK
35	213	35-213-OPN-14	10S/SWSC	1SD36	B24	LABORATORY		5 DAYS/WEEK	No	LABORATORY SINK
35	213	35-213-OPN-14	10S/SWSC	1SD37	B14	LABORATORY		5 DAYS/WEEK	No	LABORATORY SINK
35	213	35-213-OPN-14	10S/SWSC	1SD38	B14	LABORATORY		5 DAYS/WEEK	No	LABORATORY SINK
35	213	35-213-OPN-14	10S/SWSC	1SD39	B22	LABORATORY		5 DAYS/WEEK	No	LABORATORY SINK
35	213	35-213-OPN-14	10S/SWSC	1SD40	H10	FILM FABRICATION LAB		5 DAYS/WEEK	No	LABORATORY SINK
35	213	35-213-OPN-14	10S/SWSC	1SD41	H10	FILM FABRICATION LAB		5 DAYS/WEEK	No	LABORATORY SINK
35	213	35-213-OPN-14	10S/SWSC	1SD42	H4	HOLOGRAPHY LABORATOR		5 DAYS/WEEK	No	LABORATORY SINK
35	213	35-213-OPN-14	10S/SWSC	1SD43	G5	ORGANIC LABORATORY		5 DAYS/WEEK	No	LABORATORY SINK
35	213	35-213-OPN-14	10S/SWSC	1SD44	G5	ORGANIC LABORATORY		5 DAYS/WEEK	No	LABORATORY SINK
35	213	35-213-OPN-14	10S/SWSC	1SD45	A2	LABORATORY		5 DAYS/WEEK	No	LABORATORY SINK
35	213	35-213-OPN-14	10S/SWSC	1SD46	A6	X-RAY LABORATORY		5 DAYS/WEEK	No	LABORATORY SINK
35	213	35-213-OPN-14	10S/SWSC	1SD47	A8	X-RAY LABORATORY		5 DAYS/WEEK	No	LABORATORY SINK
35	213	35-213-OPN-14	10S/SWSC	1SD48	A7A	PHOTO LABORATORY		5 DAYS/WEEK	No	LABORATORY SINK
35	213	35-213-OPN-14	10S/SWSC	1SD49	A7B	PHOTO LABORATORY		5 DAYS/WEEK	No	LABORATORY SINK
35	213	35-213-OPN-14	10S/SWSC	1SD50	A7A	PHOTO LABORATORY		5 DAYS/WEEK	No	LABORATORY SINK
35	213	35-213-OPN-14	10S/SWSC	1SD51	A7	COATING LABORATORY		5 DAYS/WEEK	No	LABORATORY SINK
35	213	35-213-OPN-14	10S/SWSC	1SD52	A7	COATING LABORATORY		5 DAYS/WEEK	No	LABORATORY SINK
35	213	35-213-OPN-14	10S/SWSC	1SD53	A10	X-RAY LABORATORY		5 DAYS/WEEK	No	LABORATORY SINK
35	213	35-213-OPN-14	10S/SWSC	1SD54	H4	HOLOGRAPHY LABORATOR		5 DAYS/WEEK	No	LABORATORY SINK
35	213	35-213-OPN-14	10S/SWSC	1SD55	H2A	DARK ROOM		5 DAYS/WEEK	No	LABORATORY SINK
35	213	35-213-OPN-14	10S/SWSC	1SD56	B24	LABORATORY		5 DAYS/WEEK	No	LABORATORY SINK
35	213	35-213-OPN-14	10S/SWSC	1SH1	D5A	SHOWER ROOM		5 DAYS/WEEK	No	SHOWER
35	213	35-213-OPN-14	10S/SWSC	1SH2	D5A	SHOWER ROOM		5 DAYS/WEEK	No	SHOWER
35	213	35-213-OPN-14	10S/SWSC	1SH3	D15A	SHOWER ROOM		5 DAYS/WEEK	No	SHOWER
35	213	35-213-OPN-14	10S/SWSC	1SH4	D15A	SHOWER ROOM		5 DAYS/WEEK	No	SHOWER
35	213	35-213-OPN-14	10S/SWSC	1SP1	B29	EQUIPMENT ROOM		5 DAYS PER WEEK	No	ACID WASTE LOOP SUMP
35	213	35-213-OPN-14	10S/SWSC	1SP2	B29	EQUIPMENT ROOM		5 DAYS PER WEEK	No	SANITARY WASTE LOOP SUMP
35	213	35-213-OPN-14	10S/SWSC	1SS1	B20	FOAM DEVELOPMENT LAB		FLOW IS NIL	No	SAFETY SHOWER
35	213	35-213-OPN-14	10S/SWSC	1SS2	B22	LABORATORY		FLOW IS NIL	No	SAFETY SHOWER
35	213	35-213-OPN-14	10S/SWSC	1SS3	B24	LABORATORY		FLOW IS NIL	No	SAFETY SHOWER

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TA	BLDG	OUTLET	EPA	DRAIN #	ROOM #	ROOM DESCRIPTION	FLOW RATE	PERIODICITY	SEASONAL	SOURCE TYPES
		PIPING NO	OUTFALL #							
35	213	35-213-OPN-14	10S/SWSC	1SS4	G5	ORGANIC LABORATORY		FLOW IS NIL	No	SAFETY SHOWER
35	213	35-213-OPN-14	10S/SWSC	1SS5	A7	COATING LABORATORY		FLOW IS NIL	No	SAFETY SHOWER
35	213	35-213-OPN-14	10S/SWSC	1TL1	D7	REST ROOM		5 DAYS/WEEK	No	TOILET
35	213	35-213-OPN-14	10S/SWSC	1TL2	D7	REST ROOM		5 DAYS/WEEK	No	TOILET
35	213	35-213-OPN-14	10S/SWSC	1TL3	D11	REST ROOM		5 DAYS/WEEK	No	TOILET
35	213	35-213-OPN-14	10S/SWSC	1TL4	D11	REST ROOM		5 DAYS/WEEK	No	TOILET
35	213	35-213-OPN-14	10S/SWSC	1TL5	D11	REST ROOM		5 DAYS/WEEK	No	TOILET
35	213	35-213-OPN-14	10S/SWSC	1TL6	B21	REST ROOM		5 DAYS/WEEK	No	TOILET
35	213	35-213-OPN-14	10S/SWSC	1TL7	B23	REST ROOM		5 DAYS/WEEK	No	TOILET
35	213	35-213-OPN-14	10S/SWSC	1UR1	D7	REST ROOM		5 DAYS/WEEK	No	URINAL
35	213	35-213-OPN-14	10S/SWSC	1UR2	D7	REST ROOM		5 DAYS/WEEK	No	URINAL
35	213	35-213-OPN-14	10S/SWSC	1WF1	D1	HALLWAY		5 DAYS/WEEK	No	DRINKING FOUNTAIN
35	213	35-213-OPN-14	10S/SWSC	1WF2	G1	HALLWAY		5 DAYS/WEEK	No	DRINKING FOUNTAIN
35	213	35-213-OPN-15	DAYLIGHT	N/A	N/A	FIRE SYSTEM DRAIN		ANNUAL TEST	No	FIRE WATER
35	213	35-213-OPN-16	RLW	N/A	N/A	RLW DIVERSION		SPILL EVENTS	No	RLW SPILLS
35	213	35-213-OPN-17	RLW	N/A	N/A	RLW DIVERSION		SPILL EVENTS	No	RLW SPILLS
35	213	35-213-OPN-18	DAYLIGHT	N/A	N/A	AIR HANDLER		FLOW IS NIL	No	CONDENSATE DRAIN
35	213	35-213-OPN-19	DAYLIGHT	N/A	N/A	AIR HANDLER		FLOW IS NIL	No	CONDENSATE DRAIN
35	294	35-294-OPN-01	DAYLIGHT	N/A	N/A	VENTILATION SYSTEM		FLOW IS NIL	No	CONDENSED WATER
35	294	35-294-OPN-02	DAYLIGHT	N/A	N/A	VENTILATION SYSTEM		FLOW IS NIL	No	CONDENSED WATER
35	294	35-294-OPN-03	DAYLIGHT	N/A	N/A	FIRE PROTECTION SYSTEM		ANNUAL TESTING	No	FIRE WATER
35	294	35-294-OPN-04	DAYLIGHT	N/A	N/A	FIRE PROTECTION SYSTEM		ANNUAL TESTING	No	FIRE WATER
35	294	35-294-OPN-05	DAYLIGHT	N/A	N/A	FIRE PROTECTION SYSTEM		ANNUAL TESTING	No	FIRE WATER
35	294	35-294-OPN-06	DAYLIGHT	N/A	N/A	FIRE PROTECTION SYSTEM		ANNUAL TESTING	No	FIRE WATER
35	294	35-294-OPN-07	10S/SWSC	1FD1	N/A	WAREHOUSE		FLOW IS NIL	No	FLOOR WASHINGS
35	294	35-294-OPN-07	10S/SWSC	1FD2	N/A	WAREHOUSE		FLOW IS NIL	No	FLOOR WASHINGS
35	294	35-294-OPN-07	10S/SWSC	1SD1	101	JANITOR'S CLOSET		5 DAYS/WEEK	No	JANITOR'S SINK
35	294	35-294-OPN-07	10S/SWSC	1SD2	100	REST ROOM		5 DAYS/WEEK	No	HAND WASHINGS
35	294	35-294-OPN-07	10S/SWSC	1TL1	100	REST ROOM		5 DAYS/WEEK	No	TOILET
35	294	35-294-OPN-07	10S/SWSC	1UR1	100	REST ROOM		5 DAYS/WEEK	No	URINAL
35	294	35-294-OPN-07	10S/SWSC	1WF1	N/A	WAREHOUSE		5 DAYS/WEEK	No	DRINKING FOUNTAIN
35	294	35-294-OPN-08	03A160	RD1	N/A	ROOF DRAIN		MOSTLY SUMMER	Yes	STORM WATER
35	294	35-294-OPN-09	03A160	RD2	N/A	ROOF DRAIN		MOSTLY SUMMER	Yes	STORM WATER

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TA	BLDG	OUTLET PIPING NO	EPA OUTFALL #	DRAIN #	ROOM #	ROOM DESCRIPTION	FLOW RATE	PERIODICITY	SEASONAL	SOURCE TYPES
35	294	35-294-OPN-10	DAYLIGHT	RD3	N/A	ROOF DRAIN		MOSTLY SUMMER	Yes	STORM WATER
35	301	35-301-OPN-1	DAYLIGHT	N/A	N/A	FIRE PROTECTION SYSTEM		ANNUAL TESTING	No	FIRE WATER
35	301	35-301-OPN-2	DAYLIGHT	N/A	N/A	FIRE PROTECTION SYSTEM		ANNUAL TESTING	No	FIRE WATER
35	301	35-301-OPN-3	03A160	1FD01	301	GENERATOR ROOM		FLOW IS NIL	No	FLOOR WASHINGS
35	301	35-301-OPN-3	03A160	1FD02	301	GENERATOR ROOM		FLOW IS NIL	No	FLOOR WASHINGS
35	301	35-301-OPN-3	03A160	1FD03	301	GENERATOR ROOM		FLOW IS NIL	No	FLOOR WASHINGS
35	301	35-301-OPN-3	03A160	1FD04	301	GENERATOR ROOM		FLOW IS NIL	No	FLOOR WASHINGS
35	301	35-301-OPN-3	03A160	1FD05	301	GENERATOR ROOM		FLOW IS NIL	No	FLOOR WASHINGS
35	301	35-301-OPN-3	03A160	1FD06	301	GENERATOR ROOM		FLOW IS NIL	No	FLOOR WASHINGS
35	301	35-301-OPN-3	03A160	1FD07	301	GENERATOR ROOM		FLOW IS NIL	No	FLOOR WASHINGS
35	301	35-301-OPN-3	03A160	1FD08	301	GENERATOR ROOM		FLOW IS NIL	No	FLOOR WASHINGS
35	301	35-301-OPN-3	03A160	2FD01	301	GENERATOR ROOM		FLOW IS NIL	No	FLOOR WASHINGS
35	301	35-301-OPN-3	03A160	2FD01	301	GENERATOR ROOM		FLOW IS NIL	No	FLOOR WASHINGS
35	301	35-301-OPN-3	03A160	2FD3	301	GENERATOR ROOM		FLOW IS NIL	No	FLOOR WASHINGS
35	301	35-301-OPN-3	03A160	2FD4	301	GENERATOR ROOM		FLOW IS NIL	No	FLOOR WASHINGS
35	301	35-301-OPN-4	DAYLIGHT	N/A	N/A	GENERATOR ROOM		FLOW IS NIL	No	GENERATOR FUEL OIL



CONTINUED FROM THE FRONT

C. Except for storm runoff, leaks, or spills, are any of the discharges described in Items II-A or B intermittent or seasonal?

YES (complete the following table)

NO (go to Section III)

1. OUTFALL NUMBER (list)	2. OPERATION(S) CONTRIBUTING FLOW (list)	3. FREQUENCY		4. FLOW				5. DURATION (in days)
		a. DAYS PER WEEK (specify average)	b. MONTHS PER YEAR (specify average)	a. FLOW RATE (in mgd)		b. TOTAL VOLUME (specify with units)		
				1. LONG TERM AVERAGE	2. MAXIMUM DAILY	1. LONG TERM AVERAGE	2. MAXIMUM DAILY	
06A132	Photo waste water	5	12	0.000825	0.0092	825 GPD	9200 GPD	260 d/yr

III. PRODUCTION

A. Does an effluent guideline limitation promulgated by EPA under Section 304 of the Clean Water Act apply to your facility?

YES (complete Item III-B)

NO (to Section IV)

B. Are the limitations in the applicable effluent guideline expressed in terms of production (or other measure of operation)?

YES (complete Item III-C)

NO (go to Section IV)

C. If you answered "yes" to Item III-B, list the quantity which represents an actual measurement of your level of production, expressed in the terms and units used in the applicable effluent guideline, and indicate the affected outfalls.

1. AVERAGE DAILY PRODUCTION			2. AFFECTED OUTFALLS (list outfall numbers)
a. QUANTITY PER DAY	b. UNITS OF MEASURE	c. OPERATION, PRODUCT, MATERIAL, ETC. (specify)	

IV. IMPROVEMENTS

A. Are you now required by any Federal, State or local authority to meet any implementation schedule for the construction, upgrading or operation of wastewater treatment equipment or practices or any other environmental programs which may affect the discharges described in this application? This includes, but is not limited to, permit conditions, administrative or enforcement orders, enforcement compliance schedule letters, stipulations, court orders, and grant or loan conditions.

YES (complete the following table)

NO (go to Item IV-B)

1. IDENTIFICATION OF CONDITION, AGREEMENT, ETC.	2. AFFECTED OUTFALLS		3. BRIEF DESCRIPTION OF PROJECT	4. FINAL COMPLIANCE DATE	
	a. NO.	b. SOURCE OF DISCHARGE		a. RE-REQUIRED	b. PROJECTED
EPA Docket No. VI-92-1306		All	Complete Waste Stream Characterization surveys and  implement corrective actions.	7/31/93	FY96

B. OPTIONAL: You may attach additional sheets describing any additional water pollution control programs (or other environmental projects which may affect your discharges) you now have underway or which you plan. Indicate whether each program is now underway or planned, and indicate your actual or planned schedules for construction.  MARK "X" IF DESCRIPTION OF ADDITIONAL CONTROL PROGRAMS IS ATTACHED

**V. INTAKE AND EFFLUENT CHARACTERISTICS**

A, B, & C: See instructions before proceeding — Complete one set of tables for each outfall — Annotate the outfall number in the space provided.  
NOTE: Tables V-A, V-B, and V-C are included on separate sheets numbered V-1 through V-9.

D. Use the space below to list any of the pollutants listed in Table 2c-3 of the instructions, which you know or have reason to believe is discharged or may be discharged from any outfall. For every pollutant you list, briefly describe the reasons you believe it to be present and report any analytical data in your possession.

1. POLLUTANT	2. SOURCE	1. POLLUTANT	2. SOURCE
see datasheet			

**VI. POTENTIAL DISCHARGES NOT COVERED BY ANALYSIS**

Is any pollutant listed in Item V-C a substance or a component of a substance which you currently use or manufacture as an intermediate or final product or byproduct?

YES (list all such pollutants below)

NO (go to Item VI-B)

CONTINUED FROM THE FRONT

**VII. BIOLOGICAL TOXICITY TESTING DATA**

Do you have any knowledge or reason to believe that any biological test for acute or chronic toxicity has been made on any of your discharges or on a receiving water in relation to your discharge within the last 3 years?

YES (identify the test(s) and describe their purposes below)

NO (go to Section VIII)

**VIII. CONTRACT ANALYSIS INFORMATION**

Were any of the analyses reported in Item V performed by a contract laboratory or consulting firm?

YES (list the name, address, and telephone number of, and pollutants analyzed by, each such laboratory or firm below)

NO (go to Section IX)

A. NAME	B. ADDRESS	C. TELEPHONE (area code & no.)	D. POLLUTANTS ANALYZED (list)

**IX. CERTIFICATION**

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

A. NAME & OFFICIAL TITLE (type or print)

JERRY L. BELLOWS, AREA MANAGER, DOE  
ALLEN J. TIEDMAN, ASSOC. DIRECTOR FOR OPERATIONS

C. SIGNATURE

B. PHONE NO. (area code & no.)

505-667-5105  
505-667-9390

D. DATE SIGNED

Data from worst case composite.

EPA I.D. NUMBER (copy from Item 1 of Form 1)

NM0890010515

Form Approved,  
OMB No. 2040-0086  
Approval expires 7-31-88

PLEASE PRINT OR TYPE IN THE UNSHADED AREAS ONLY. You may report some or all of this information on separate sheets (use the same format) instead of completing these pages. SEE INSTRUCTIONS.

V. INTAKE AND EFFLUENT CHARACTERISTICS (continued from page 3 of Form 2-C)

OUTFALL NO.  
06A132

PART A - You must provide the results of at least one analysis for every pollutant in this table. Complete one table for each outfall. See instructions for additional details.

1. POLLUTANT	2. EFFLUENT						d. NO. OF ANALYSES	3. UNITS (specify if blank)		4. INTAKE (optional)		
	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVG. VALUE (if available)			a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
a. Biochemical Oxygen Demand (BOD)	33.6	1.2						mg/l	g/d			
b. Chemical Oxygen Demand (COD)	35.0	1.2						mg/l	g/d			
c. Total Organic Carbon (TOC)	6.1	212.4						mg/l	g/d			
d. Total Suspended Solids (TSS)	1.0	34.8						mg/l	g/d			
e. Ammonia (as N)	7.5	261.16						mg/l	g/d			
f. Flow	VALUE 9200		VALUE		VALUE			gal/day		VALUE		
g. Temperature (winter)	VALUE 2.31		VALUE		VALUE			°C		VALUE		
h. Temperature (summer)	VALUE N/A		VALUE		VALUE			°C		VALUE		
i. pH	MINIMUM 7.0	MAXIMUM 8.8	MINIMUM	MAXIMUM	X			STANDARD UNITS		X		

PART B - Mark "X" in column 2-a for each pollutant you know or have reason to believe is present. Mark "X" in column 2-b for each pollutant you believe to be absent. If you mark column 2a for any pollutant which is limited either directly, or indirectly but expressly, in an effluent limitations guideline, you must provide the results of at least one analysis for that pollutant. For other pollutants for which you mark column 2a, you must provide quantitative data or an explanation of their presence in your discharge. Complete one table for each outfall. See the instructions for additional details and requirements.

1. POLLUTANT AND CAS NO. (if available)	2. MARK 'X'		3. EFFLUENT						d. NO. OF ANALYSES	4. UNITS		5. INTAKE (optional)		
	a. BELIEVED PRESENT	b. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVG. VALUE (if available)			a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
			(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
a. Bromide (24959-67-9)	X		< 3.1	< 107.9						mg/l	g/d			
b. Chlorine, Total Residual		X	0.0	0.0						mg/l	mg/d			
c. Color	X		10							units				
d. Fecal Coliform		X												
e. Fluoride (16984-48-8)	X		0.3	10.4						mg/l	g/d			
f. Nitrate-Nitrite (as N)	X		0.357	12.4						mg/l	g/d			

ITEM V-B CONTINUED FROM FRONT

1. POLLUTANT AND CAS NO. (if available)	2. MARK 'X'		3. EFFLUENT						4. UNITS		5. INTAKE (optional)			
	a. BE- LIEVED PRE- SENT	b. BE- LIEVED AS- SENT	b. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVG. VALUE (if available)		d. NO. OF ANAL- YSES	g. CONCENTRATION	h. MASS	a. LONG TERM AVERAGE VALUE		d. NO. OF ANAL- YSES
			(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
g. Nitrogen, Total Organic (as N)	X		< 15.6	< 543.2						mg/l	g/d			
h. Oil and Grease	X		< 4.22	< 146.9						mg/l	g/d			
i. Phosphorus (as P), Total (7723-14-0)	X		0.156	5.4						mg/l	g/d			
j. Radioactivity														
(1) Alpha, Total	X		0.5	17.4						pCi/l	nCi/d			
(2) Beta, Total	X		6.7	233.3						pCi/l	nCi/d			
(3) Radium, Total	X													
(4) Radium 226, Total	X		0.05	1.7						pCi/l	nCi/d			
k. Sulfate (as SO <sub>4</sub> ) (14806-79-8)	X		77.3	2.7						mg/l	kg/d			
l. Sulfide (as S)		X	< .05	< 1.7						mg/l	g/d			
m. Sulfite (as SO <sub>3</sub> ) (14265-45-3)	X		13.1	456.2						mg/l	g/d			
n. Surfactants	X		0.1	3.5						mg/l	g/d			
o. Aluminum, Total (7429-90-6)	X		0.56	19.5						mg/l	g/d			
p. Barium, Total (7440-39-3)	X		0.03	1.0						mg/l	g/d			
q. Boron, Total (7440-42-8)	X		0.52	18.1						mg/l	g/d			
r. Cobalt, Total (7440-48-4)		X	< 0.1	< 3.5						mg/l	g/d			
s. Iron, Total (7439-89-6)	X		0.74	25.8						mg/l	g/d			
t. Magnesium, Total (7439-95-4)	X		3.3	114.9						mg/l	g/d			
u. Molybdenum, Total (7439-98-7)		X	< 0.02	< 0.7						mg/l	g/d			
v. Manganese, Total (7439-96-5)	X		0.01	0.3						mg/l	g/d			
w. Tin, Total (7440-31-5)		X	< 0.050	< 1.7						mg/l	g/d			
x. Titanium, Total (7440-32-6)		X	< 0.004	< 0.1						mg/l	g/d			

NM0890010515

06A132

Form Approved.  
OMB No. 2040-0086  
Approval expires 7-31-88

CONTINUED FROM PAGE 3 OF FORM 2-C

**PART C** - If you are a primary industry and this outfall contains process wastewater, refer to Table 2c-2 in the instructions to determine which of the GC/MS fractions you must test for. Mark "X" in column 2-a for all such GC/MS fractions that apply to your industry and for ALL toxic metals, cyanides, and total phenols. If you are not required to mark column 2-a (secondary industries, nonprocess wastewater outfalls, and nonrequired GC/MS fractions), mark "X" in column 2-b for each pollutant you know or have reason to believe is present. Mark "X" in column 2-c for each pollutant you believe is absent. If you mark column 2a for any pollutant, you must provide the results of at least one analysis for that pollutant. If you mark column 2b for any pollutant, you must provide the results of at least one analysis for that pollutant if you know or have reason to believe it will be discharged in concentrations of 10 ppb or greater. If you mark column 2b for acrolein, acrylonitrile, 2,4 dinitrophenol, or 2-methyl-4, 6 dinitrophenol, you must provide the results of at least one analysis for each of these pollutants which you know or have reason to believe that you discharge in concentrations of 100 ppb or greater. Otherwise, for pollutants for which you mark column 2b, you must either submit at least one analysis or briefly describe the reasons the pollutant is expected to be discharged. Note that there are 7 pages to this part; please review each carefully. Complete one table (all 7 pages) for each outfall. See instructions for additional details and requirements.

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'			3. EFFLUENT						4. UNITS		5. INTAKE (optional)			
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
<b>METALS, CYANIDE, AND TOTAL PHENOLS</b>															
1M. Antimony, Total (7440-36-0)			X	< 0.050	< 1.7						mg/l	g/d			
2M. Arsenic, Total (7440-38-2)			X	< 0.002	< 69.6						mg/l	mg/d			
3M. Beryllium, Total, 7440-41-7)			X	< 0.001	< 34.8						mg/l	mg/d			
4M. Cadmium, Total (7440-43-9)			X	< 0.010	< 0.3						mg/l	g/d			
5M. Chromium, Total (7440-47-3)		X		0.087	3.0						mg/l	g/d			
6M. Copper, Total (7440-50-8)		X		0.052	1.8						mg/l	g/d			
7M. Lead, Total (7439-92-1)			X	< 0.050	< 1.7						mg/l	g/d			
8M. Mercury, Total (7439-97-6)			X	< 0.0002	< 7.0						mg/l	mg/d			
9M. Nickel, Total (7440-02-0)		X		0.16	5.6						mg/l	g/d			
0M. Selenium, total (7782-49-2)		X		0.001	34.8						mg/l	mg/d			
1M. Silver, Total (7440-22-4)		X		0.214	7.5						mg/l	g/d			
2M. Thallium, Total (7440-28-0)		X		1	34.8						mg/l	g/d			
3M. Zinc, Total (7440-66-6)			X	< 0.045	< 1.6						mg/l	g/d			
4M. Cyanide, total (57-12-6)		X		0.01	0.3						mg/l	g/d			
5M. Phenols, total			X	< 0.01	< 0.3						mg/l	g/d			

<b>DIOXIN</b>														
1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'	3. DESCRIBE RESULTS												
2,3,7,8-Tetra-chlorodibenzo-P-Dioxin (1764-01-6)	X													

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'			3. EFFLUENT				4. UNITS		5. INTAKE (optional)					
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	8. LONG TERM AVERAGE VALUE		d. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
<b>GC/MS FRACTION - VOLATILE COMPOUNDS</b>															
1V. Acrolein (107-02-8)			X												
2V. Acrylonitrile (107-13-1)			X												
3V. Benzene (71-43-2)			X	< 0.005	< 0.2						mg/l	g/d			
4V. Bis (Chloromethyl) Ether (542-88-1)			X												
5V. Bromoform (75-25-2)			X	< 0.005	< 0.2						mg/l	g/d			
6V. Carbon Tetrachloride (56-23-5)			X	< 0.005	< 0.2						mg/l	g/d			
7V. Chlorobenzene (108-90-7)			X	< 0.005	< 0.2						mg/l	g/d			
8V. Chlorodibromomethane (124-48-1)			X	< 0.005	< 0.2						mg/l	g/d			
9V. Chloroethane (75-00-3)			X	< 0.010	< 0.3						mg/l	g/d			
10V. 2-Chloroethylvinyl Ether (110-75-8)			X												
11V. Chloroform (67-66-3)			X	< 0.005	< 0.2						mg/l	g/d			
12V. Dichlorobromomethane (75-27-4)			X	< 0.005	< 0.2						mg/l	g/d			
13V. Dichlorodifluoromethane (75-71-8)			X												
14V. 1,1-Dichloroethane (75-34-3)			X	< 0.005	< 0.2						mg/l	g/d			
15V. 1,2-Dichloroethane (107-06-2)			X	< 0.005	< 0.2						mg/l	g/d			
16V. 1,1-Dichloroethylene (75-35-4)			X	< 0.005	< 0.2						mg/l	g/d			
17V. 1,2-Dichloropropane (78-87-5)			X	< 0.005	< 0.2						mg/l	kg/d			
18V. 1,3-Dichloropropylene (542-75-6)			X	<	< 0.0						mg/l	mg/d			
19V. Ethylbenzene (100-41-4)			X	< 0.005	< 0.2						mg/l	g/d			
20V. Methyl Bromide (74-83-9)			X	< 0.010	< 0.3						mg/l	g/d			
21V. Methyl Chloride (74-87-3)			X	< 0.010	< 0.3						mg/l	g/d			

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'			3. EFFLUENT				d. NO. OF ANALYSES	4. UNITS		5. INTAKE (optional)				
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ASSENT	b. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)			c. LONG TERM AVG. VALUE (if available)		a. CONCENTRATION	b. MASS	b. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS		(1) CONCENTRATION	(2) MASS			(1) CONCENTRATION	(2) MASS	
<b>GC/MS FRACTION - VOLATILE COMPOUNDS (continued)</b>															
22V. Methylene Chloride (75-09-2)			X	< 0.005	< 0.2					mg/l	g/d				
23V. 1,1,2,2-Tetrachloroethane (79-34-5)			X	< 0.005	< 0.2					mg/l	g/d				
24V. Tetrachloroethylene (127-18-4)			X	< 0.005	< 0.2					mg/l	g/d				
25V. Toluene (108-88-3)			X	< 0.005	< 0.2					mg/l	g/d				
26V. 1,2-Trans-Dichloroethylene (156-60-5)			X	< 0.005	< 0.2					mg/l	g/d				
27V. 1,1,1-Trichloroethane (71-55-6)			X	< 0.005	< 0.2					mg/l	g/d				
28V. 1,1,2-Trichloroethane (79-00-5)			X	< 0.005	< 0.2					mg/l	g/d				
29V. Trichloroethylene (79-01-6)			X	< 0.005	< 0.2					mg/l	g/d				
30V. Trichlorofluoromethane (75-69-4)			X	< 0.005	< 0.2					mg/l	g/d				
31V. Vinyl Chloride (75-01-4)			X	< 0.010	< 0.3					mg/l	g/d				
<b>GC/MS FRACTION - ACID COMPOUNDS</b>															
1A. 2-Chlorophenol (95-57-8)			X	< 0.010	< 0.3					mg/l	g/d				
2A. 2,4-Dichlorophenol (120-83-2)			X	< 0.010	< 0.3					mg/l	g/d				
3A. 2,4-Dimethylphenol (105-67-9)			X	< 0.010	< 0.3					mg/l	g/d				
4A. 4,6-Dinitro-O-Cresol (534-52-1)			X	< 0.010	< 0.3					mg/l	g/d				
5A. 2,4-Dinitrophenol (51-28-5)			X	< 0.010	< 0.3					mg/l	g/d				
6A. 2-Nitrophenol (88-75-5)			X	< 0.010	< 0.3					mg/l	g/d				
7A. 4-Nitrophenol (100-02-7)			X	< 0.010	< 0.3					mg/l	g/d				
8A. P-Chloro-M-Cresol (59-50-7)			X	< 0.010	< 0.3					mg/l	g/d				
9A. Pentachlorophenol (87-86-5)			X	< 0.010	< 0.3					mg/l	g/d				
10A. Phenol (108-95-2)			X	< 0.010	< 0.3					mg/l	g/d				
11A. 2,4,6-Trichlorophenol (88-06-2)			X	< 0.010	< 0.3					mg/l	g/d				

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'			3. EFFLUENT				d. NO. OF ANALYSES	4. UNITS		5. INTAKE (optional)				
	a. TESTING REQUIRED	b. RECEIVED PRESENT	c. BELIEVED ABSENT	b. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)			c. LONG TERM AVG. VALUE (if available)		b. CONCENTRATION	b. MASS	b. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS		(1) CONCENTRATION	(2) MASS			(1) CONCENTRATION	(2) MASS	
3C/MS FRACTION - BASE/NEUTRAL COMPOUNDS															
1B. Acenaphthene (83-32-9)			X	< 0.010	< 0.3					mg/l	mg/d				
2B. Acenaphthylene (208-96-8)			X	< 0.010	< 0.3					mg/l	mg/d				
3B. Anthracene (120-12-7)			X	< 0.010	< 0.3					mg/l	mg/d				
4B. Benzidine (92-87-5)			X	< 0.010	< 0.3					mg/l	mg/d				
5B. Benzo (a) Anthracene (56-55-3)			X	< 0.010	< 0.3					mg/l	mg/d				
6B. Benzo (a) Pyrene (50-32-8)			X	< 0.010	< 0.3					mg/l	mg/d				
7B. 3,4-Benzo-fluoranthene (205-99-2)			X	< 0.010	< 0.3					mg/l	mg/d				
8B. Benzo (ghi) Perylene (191-24-2)			X	< 0.010	< 0.3					mg/l	mg/d				
9B. Benzo (k) Fluoranthene (207-08-9)			X	< 0.010	< 0.3					mg/l	mg/d				
10B. Bis (2-Chloroethoxy) Methane (111-91-1)			X	< 0.010	< 0.3					mg/l	mg/d				
11B. Bis (2-Chloroethyl) Ether (111-44-4)			X	< 0.010	< 0.3					mg/l	mg/d				
12B. Bis (2-Chloroisopropyl) Ether (102-60-1)			X	< 0.010	< 0.3					mg/l	mg/d				
13B. Bis (2-Ethylhexyl) Phthalate (117-81-7)			X	< 0.010	< 0.3					mg/l	mg/d				
14B. 4-Bromophenyl Phenyl Ether (101-55-3)			X	< 0.010	< 0.3					mg/l	mg/d				
15B. Butyl Benzyl Phthalate (85-68-7)			X	< 0.010	< 0.3					mg/l	mg/d				
16B. 2-Chloronaphthalene (91-58-7)			X	< 0.010	< 0.3					mg/l	mg/d				
17B. 4-Chlorophenyl Phenyl Ether (7005-72-3)			X	< 0.010	< 0.3					mg/l	mg/d				
18B. Chrysene (218-01-9)			X	< 0.010	< 0.3					mg/l	mg/d				
19B. Dibenzo (a,h) Anthracene (53-70-3)			X	< 0.010	< 0.3					mg/l	mg/d				
20B. 1,2-Dichlorobenzene (95-50-1)			X	< 0.010	< 0.3					mg/l	mg/d				
21B. 1,3-Dichlorobenzene (541-73-1)			X	< 0.010	< 0.3					mg/l	g/d				

CONTINUED FROM PAGE V-6

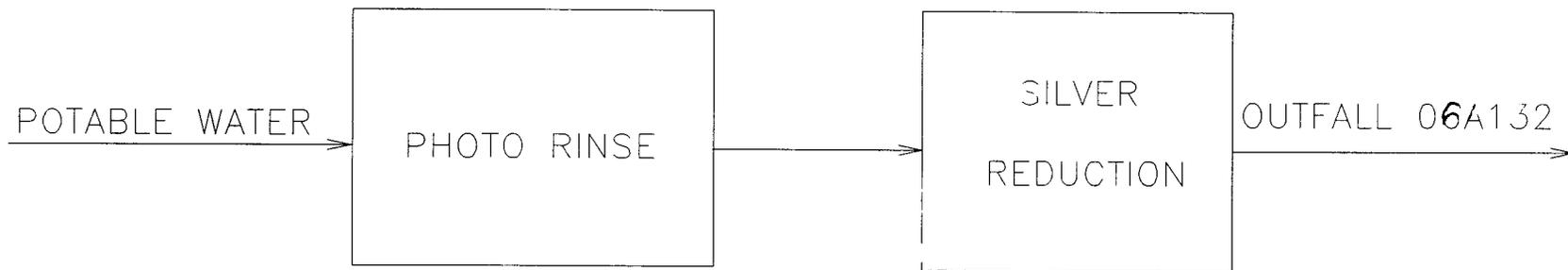
1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'			3. EFFLUENT						4. UNITS		5. INTAKE (optional)			
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	b. MAXIMUM DAILY VALUE		d. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	b. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		d. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
<b>GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS (continued)</b>															
22B. 1,4-Dichlorobenzene (106-46-7)			X	< 0.010	< 0.3						mg/l	mg/d			
23B. 3,3'-Dichlorobenzidine (91-94-1)			X	< 0.010	< 0.3						mg/l	mg/d			
24B. Diethyl Phthalate (84-66-2)			X	< 0.010	< 0.3						mg/l	mg/d			
25B. Dimethyl Phthalate (131-11-3)			X	< 0.010	< 0.0						mg/l	mg/d			
26B. Di-N-Butyl Phthalate (84-74-2)			X	< 0.010	< 0.3						mg/l	mg/d			
27B. 2,4-Dinitrotoluene (121-14-2)			X	< 0.010	< 0.3						mg/l	mg/d			
28B. 2,6-Dinitrotoluene (606-20-2)			X	< 0.010	< 0.3						mg/l	mg/d			
29B. Di-N-Octyl Phthalate (117-84-0)			X	< 0.010	< 0.3						mg/l	mg/d			
30B. 1,2-Diphenylhydrazine (as Azobenzene) (122-66-7)			X	< 0.010	< 0.3						mg/l	mg/d			
31B. Fluoranthene (206-44-0)			X	< 0.010	< 0.3						mg/l	mg/d			
32B. Fluorene (86-73-7)		X		.00028	9.8						mg/l	mg/d			
33B. Hexachlorobenzene (118-74-1)			X	< 0.010	< 0.3						mg/l	mg/d			
34B. Hexachlorobutadiene (87-68-3)			X	< 0.010	< 0.3						mg/l	mg/d			
35B. Hexachlorocyclopentadiene (77-47-4)			X	< 0.010	< 0.3						mg/l	mg/d			
36B. Hexachloroethane (67-72-1)			X	< 0.010	< 0.3						mg/l	mg/d			
37B. Indeno (1,2,3-cd) Pyrene (193-39-5)			X	< 0.010	< 0.3						mg/l	mg/d			
38B. Isophorone (78-59-1)			X	< 0.010	< 0.3						mg/l	mg/d			
39B. Naphthalene (91-20-3)			X	< 0.010	< 0.3						mg/l	mg/d			
40B. Nitrobenzene (98-95-3)			X	< 0.010	< 0.3						mg/l	mg/d			
41B. N-Nitrosodimethylamine (62-75-9)			X	< 0.010	< 0.3						mg/l	mg/d			
42B. N-Nitrosodi-N-Propylamine (621-64-7)			X	< 0.010	< 0.3						mg/l	g/d			

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'			3. EFFLUENT						4. UNITS		5. INTAKE (optional)			
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
<b>GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS (continued)</b>															
43B. N-Nitrosodiphenylamine (85-30-6)			X	< 0.010	< 0.3						mg/l	mg/d			
44B. Phenanthrene (85-01-8)			X	< 0.010	< 0.3						mg/l	mg/d			
45B. Pyrene (129-00-0)			X	< 0.010	< 0.3						mg/l	mg/d			
46B. 1,2,4-Trichlorobenzene (920-82-1)			X	< 0.010	< 0.3						mg/l	mg/d			
<b>GC/MS FRACTION - PESTICIDES</b>															
1P. Aldrin (809-00-2)			X	< 0.06	< 2.1						ug/l	ug/d			
2P. α-BHC (819-84-6)			X	< 0.04	< 1.4						ug/l	ug/d			
3P. β-BHC (819-85-7)			X	< 0.1	< 3.5						ug/l	ug/d			
4P. γ-BHC (88-89-9)			X	< 0.06	< 2.1						ug/l	ug/d			
5P. δ-BHC (819-86-8)			X	< 0.12	< 4.2						ug/l	ug/d			
6P. Chlordane (57-74-9)			X	< 0.25	< 8.7						ug/l	ug/d			
7P. 4,4'-DDT (50-29-3)			X	< 0.06	< 2.1						ug/l	ug/d			
8P. 4,4'-DDE (72-65-9)			X	< 0.08	< 2.8						ug/l	ug/d			
9P. 4,4'-DDD (72-54-8)			X	< 0.08	< 2.8						ug/l	ug/d			
10P. Dieldrin (50-57-1)			X	< 0.08	< 2.8						ug/l	ug/d			
11P. α-Endosulfan (115-29-7)			X	< 0.05	< 1.7						ug/l	ug/d			
12P. β-Endosulfan (115-29-7)			X	< 0.08	< 2.8						ug/l	ug/d			
13P. Endosulfan Sulfate (1031-07-8)			X	< 0.07	< 2.4						ug/l	ug/d			
14P. Endrin (72-20-8)			X	< 0.06	< 2.1						ug/l	ug/d			
15P. Endrin Aldehyde (7421-93-4)			X	< 0.31	< 10.8						ug/l	ug/d			
16P. Heptachlor (76-44-8)			X	< 0.3	< 10.4						ug/l	mg/d			

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'			3. EFFLUENT						4. UNITS		5. INTAKE (optional)			
	a. TEST-ING RE-QUIRED	b. BE- LIEVED PRE- SENT	c. BE- LIEVED AB- SENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVG. VALUE (if available)		d. NO. OF ANAL- YSES	a. CONCENT- TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANAL- YSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
<b>GC/MS FRACTION - PESTICIDES (continued)</b>															
17P. Heptachlor Epoxide (1024-57-3)			X	< 0.08	< 2.8						ug/l	ug/d			
18P. PCB-1242 (53469-21-9)			X	< 0.78	< 27.2						ug/l	ug/d			
19P. PCB-1254 (11097-69-1)			X	< 0.78	< 27.2						ug/l	ug/d			
20P. PCB-1221 (11104-28-2)			X	N.D.											
21P. PCB-1232 (11141-16-5)			X	N.D.											
22P. PCB-1248 (12672-29-6)			X	N.D.											
23P. PCB-1260 (11098-82-5)			X	< 0.78	< 27.2						ug/l	ug/d			
24P. PCB-1016 (12674-11-2)			X	N.D.											
25P. Toxaphene (8001-35-2)			X	< 2.5	< 87.1						ug/l	mg/d			

SCHEMATIC OF WATER FLOW  
OUTFALL 35-87-OPN-9





CONTINUED FROM THE FRONT

C. Except for storm runoff, leaks, or spills, are any of the discharges described in Items II-A or B intermittent or seasonal?  
 YES (complete the following table)  NO (go to Section III)

1. OUTFALL NUMBER (list)	2. OPERATION(S) CONTRIBUTING FLOW (list)	3. FREQUENCY		4. FLOW				5. DURATION (in days)
		a. DAYS PER WEEK (specify average)	b. MONTHS PER YEAR (specify average)	a. FLOW RATE (in mgd)		b. TOTAL VOLUME (specify with units)		
				1. LONG TERM AVERAGE	2. MAXIMUM DAILY	1. LONG TERM AVERAGE	2. MAXIMUM DAILY	
03A160	Cooling tower blowdown	5	12	0.014	0.014	1400 GPD	1400 GPD	260 d/yr

III. PRODUCTION

A. Does an effluent guideline limitation promulgated by EPA under Section 304 of the Clean Water Act apply to your facility?  
 YES (complete Item III-B)  NO (go to Section IV)

B. Are the limitations in the applicable effluent guideline expressed in terms of production (or other measure of operation)?  
 YES (complete Item III-C)  NO (go to Section IV)

C. If you answered "yes" to Item III-B, list the quantity which represents an actual measurement of your level of production, expressed in the terms and units used in the applicable effluent guideline, and indicate the affected outfalls.

1. AVERAGE DAILY PRODUCTION			2. AFFECTED OUTFALLS (list outfall numbers)
a. QUANTITY PER DAY	b. UNITS OF MEASURE	c. OPERATION, PRODUCT, MATERIAL, ETC. (specify)	

IV. IMPROVEMENTS

A. Are you now required by any Federal, State or local authority to meet any implementation schedule for the construction, upgrading or operation of wastewater treatment equipment or practices or any other environmental programs which may affect the discharges described in this application? This includes, but is not limited to, permit conditions, administrative or enforcement orders, enforcement compliance schedule letters, stipulations, court orders, and grant or loan conditions.  
 YES (complete the following table)  NO (go to Item IV-B)

1. IDENTIFICATION OF CONDITION, AGREEMENT, ETC.	2. AFFECTED OUTFALLS		3. BRIEF DESCRIPTION OF PROJECT	4. FINAL COMPLIANCE DATE	
	a. NO.	b. SOURCE OF DISCHARGE		a. REQUIRED	b. PROJECTED
EPA Docket No. VI-92-1306		All	Complete Waste Stream Characterization surveys and implement corrective actions.	7/31/93	FY96

B. OPTIONAL: You may attach additional sheets describing any additional water pollution control programs (or other environmental projects which may affect your discharges) you now have underway or which you plan. Indicate whether each program is now underway or planned, and indicate your actual or planned schedules for construction.  MARK "X" IF DESCRIPTION OF ADDITIONAL CONTROL PROGRAMS IS ATTACHED

CONTINUED FROM PAGE 2

**V. INTAKE AND EFFLUENT CHARACTERISTICS**

A, B, & C: See instructions before proceeding — Complete one set of tables for each outfall — Annotate the outfall number in the space provided.  
NOTE: Tables V-A, V-B, and V-C are included on separate sheets numbered V-1 through V-9.

D. Use the space below to list any of the pollutants listed in Table 2c-3 of the instructions, which you know or have reason to believe is discharged or may be discharged from any outfall. For every pollutant you list, briefly describe the reasons you believe it to be present and report any analytical data in your possession.

1. POLLUTANT	2. SOURCE	1. POLLUTANT	2. SOURCE
see datasheet			

**VI. POTENTIAL DISCHARGES NOT COVERED BY ANALYSIS**

Is any pollutant listed in Item V-C a substance or a component of a substance which you currently use or manufacture as an intermediate or final product or byproduct?

YES (list all such pollutants below)

NO (go to Item VI-B)

CONTINUED FROM THE FRONT

**VII. BIOLOGICAL TOXICITY TESTING DATA**

Do you have any knowledge or reason to believe that any biological test for acute or chronic toxicity has been made on any of your discharges or on a receiving water in relation to your discharge within the last 3 years?

YES (identify the test(s) and describe their purposes below)

NO (go to Section VIII)

**VIII. CONTRACT ANALYSIS INFORMATION**

Were any of the analyses reported in Item V performed by a contract laboratory or consulting firm?

YES (list the name, address, and telephone number of, and pollutants analyzed by, each such laboratory or firm below)

NO (go to Section IX)

A. NAME	B. ADDRESS	C. TELEPHONE (area code & no.)	D. POLLUTANTS ANALYZED (list)

**IX. CERTIFICATION**

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

A. NAME & OFFICIAL TITLE (type or print) JERRY L. BELLOWES, AREA MANAGER, DOE ALLEN J. TIEDMAN, ASSOC. DIRECTOR FOR OPERATIONS	B. PHONE NO. (area code & no.) 505-667-5105 505-667-9390
C. SIGNATURE	D. DATE SIGNED

Data from worst case composite.

EPA I.D. NUMBER (copy from Item 1 of Form 1)

NM0890010515

Form Approved.  
OMB No. 2040-0086  
Approval expires 7-31-88

PLEASE PRINT OR TYPE IN THE UNSHADED AREAS ONLY. You may report some or all of this information on separate sheets (use the same format) instead of completing these pages. SEE INSTRUCTIONS.

V. INTAKE AND EFFLUENT CHARACTERISTICS (continued from page 3 of Form 2-C)

OUTFALL NO.

03A160

PART A - You must provide the results of at least one analysis for every pollutant in this table. Complete one table for each outfall. See instructions for additional details.

1. POLLUTANT	2. EFFLUENT						3. UNITS (specify if blank)		4. INTAKE (optional)			
	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
a. Biochemical Oxygen Demand (BOD)	2.0	10.6						mg/l	g/d			
b. Chemical Oxygen Demand (COD)	42.0	222.6						mg/l	g/d			
c. Total Organic Carbon (TOC)	7.4	39.2						mg/l	g/d			
d. Total Suspended Solids (TSS)	7.0	37.1						mg/l	g/d			
e. Ammonia (as N)	< .01	< 52.990						mg/l	mg/d			
f. Flow	VALUE 1400		VALUE		VALUE			gal/day		VALUE		
g. Temperature (winter)	VALUE 36.9 C		VALUE		VALUE			°C		VALUE		
h. Temperature (summer)	VALUE		VALUE		VALUE			°C		VALUE		
i. pH	MINIMUM 6.8	MAXIMUM 8.8	MINIMUM 6.0	MAXIMUM 9.0	X			STANDARD UNITS		X		

PART B - Mark "X" in column 2-a for each pollutant you know or have reason to believe is present. Mark "X" in column 2-b for each pollutant you believe to be absent. If you mark column 2a for any pollutant which is limited either directly, or indirectly but expressly, in an effluent limitations guideline, you must provide the results of at least one analysis for that pollutant. For other pollutants for which you mark column 2a, you must provide quantitative data or an explanation of their presence in your discharge. Complete one table for each outfall. See the instructions for additional details and requirements.

1. POLLUTANT AND CAS NO. (if available)	2. MARK 'X'		3. EFFLUENT						4. UNITS		5. INTAKE (optional)			
	a. BELIEVED PRESENT	b. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
			(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
a. Bromide (24959-67-9)	X		3.24	17.2						mg/l	g/d			
b. Chlorine, Total Residual		X	0.0	0.0						mg/l	mg/d			
c. Color	X		10							units				
d. Fecal Coliform		X												
e. Fluoride (16984-48-8)	X		0.52	2.8						mg/l	g/d			
f. Nitrate-Nitrite (as N)	X		1.13	6.0						mg/l	g/d			

1. POLLUTANT AND CAS NO. (if available)	2. MARK 'X'		3. EFFLUENT						4. UNITS		5. INTAKE (optional)			
	B. BELIEVED PRESENT	D. BELIEVED ABSENT	B. MAXIMUM DAILY VALUE		D. MAXIMUM 30 DAY VALUE (if available)		C. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	B. CONCENTRATION	b. MASS	8. LONG TERM AVERAGE VALUE		D. NO. OF ANALYSES
			(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
g. Nitrogen, Total Organic (as N)	X		2.3	12.2						mg/l	g/d			
h. Oil and Grease		X	< 1.2	< 6.4						mg/l	g/d			
i. Phosphorus (as P), Total (7723-14-0)	X		.306	1.6						mg/l	g/d			
j. Radioactivity														
(1) Alpha, Total	X		14	74.2						pCi/l	nCi/d			
(2) Beta, Total	X		6.6	35.0						pCi/l	nCi/d			
(3) Radium, Total	X													
(4) Radium 226, Total	X		0.07	0.4						pCi/l	nCi/d			
k. Sulfate (as SO <sub>4</sub> ) (14808-79-8)	X		143	757.8						mg/l	g/d			
l. Sulfide (as S)	X		70.2	372.0						mg/l	g/d			
m. Sulfite (as SO <sub>3</sub> ) (14265-45-3)	X		18.8	99.6						mg/l	g/d			
n. Surfactants	X		0.11	0.6						mg/l	g/d			
o. Aluminum, Total (7429-90-5)	X		0.06	0.3						mg/l	g/d			
p. Barium, Total (7440-39-3)	X		0.11	0.6						mg/l	g/d			
q. Boron, Total (7440-42-8)	X		0.33	1.7						mg/l	g/d			
r. Cobalt, Total (7440-48-4)		X	0.07	0.4						mg/l	g/d			
s. Iron, Total (7439-89-6)	X		1.1	5.8						mg/l	g/d			
t. Magnesium, Total (7439-95-4)	X		5.8	30.7						mg/l	g/d			
u. Molybdenum, Total (7439-98-7)	X		1.7	9.0						mg/l	g/d			
v. Manganese, Total (7439-96-5)	X		0.05	0.3						mg/l	g/d			
w. Tin, Total (7440-31-5)		X	< 0.050	< 0.3						mg/l	g/d			
x. Titanium, Total (7440-32-6)		X	< 0.004	< 21.2						mg/l	mg/d			

NM0890010515

03A160

Form Approved.  
OMB No. 2040-0086  
Approval expires 7-31-88

CONTINUED FROM PAGE 3 OF FORM 2-C

**PART C** - If you are a primary industry and this outfall contains process wastewater, refer to Table 2c-2 in the instructions to determine which of the GC/MS fractions you must test for. Mark "X" in column 2-a for all such GC/MS fractions that apply to your industry and for ALL toxic metals, cyanides, and total phenols. If you are not required to mark column 2-a (secondary industries, nonprocess wastewater outfalls, and nonrequired GC/MS fractions), mark "X" in column 2-b for each pollutant you know or have reason to believe is present. Mark "X" in column 2-c for each pollutant you believe is absent. If you mark column 2a for any pollutant, you must provide the results of at least one analysis for that pollutant. If you mark column 2b for any pollutant, you must provide the results of at least one analysis for that pollutant if you know or have reason to believe it will be discharged in concentrations of 10 ppb or greater. If you mark column 2b for acrolein, acrylonitrile, 2,4 dinitrophenol, or 2-methyl-4, 6 dinitrophenol, you must provide the results of at least one analysis for each of these pollutants which you know or have reason to believe that you discharge in concentrations of 100 ppb or greater. Otherwise, for pollutants for which you mark column 2b, you must either submit at least one analysis or briefly describe the reasons the pollutant is expected to be discharged. Note that there are 7 pages to this part; please review each carefully. Complete one table (all 7 pages) for each outfall. See instructions for additional details and requirements.

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'			3. EFFLUENT						4. UNITS		5. INTAKE (optional)			
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
<b>METALS, CYANIDE, AND TOTAL PHENOLS</b>															
1M. Antimony, Total (7440-36-0)			X	< 0.050	< 0.3						mg/l	g/d			
2M. Arsenic, Total (7440-38-2)		X		0.04	0.2						mg/l	g/d			
3M. Beryllium, Total, 7440-41-7)			X	< 0.1	< 0.5						mg/l	g/d			
4M. Cadmium, Total (7440-43-9)		X		.004	21.2						mg/l	mg/d			
5M. Chromium, Total (7440-47-3)		X		.260	1.4						mg/l	g/d			
6M. Copper, Total (7440-50-8)		X		0.1	0.5						mg/l	g/d			
7M. Lead, Total (7439-92-1)		X		.050	0.3						mg/l	g/d			
8M. Mercury, Total (7439-97-6)			X	< .0002	< 1.1						mg/l	mg/d			
9M. Nickel, Total (7440-02-0)		X		.28	1.5						mg/l	g/d			
0M. Selenium, total (7782-49-2)			X	< .001	< 5.3						mg/l	mg/d			
1M. Silver, Total (7440-22-4)			X	< 0.01	< 53.0						mg/l	mg/d			
2M. Thallium, total (7440-28-0)		X		0.51	2.7						mg/l	g/d			
3M. Zinc, Total (7440-66-6)		X		.071	0.4						mg/l	g/d			
4M. Cyanide, total (57-12-5)		X		.033	0.2						mg/l	g/d			
5M. Phenols, total			X	< .01	< 53.0						mg/l	mg/d			
<b>DIOXIN</b>															
2,3,7,8-Tetrachlorodibenzo-P-dioxin (1764-01-6)			X	DESCRIBE RESULTS											

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'			3. EFFLUENT						4. UNITS		5. INTAKE (optional)			
	B. TESTING RE-REQUIRED	D. BELIEVED PRESENT	C. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	b. LONG TERM AVERAGE VALUE		d. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
<b>GC/MS FRACTION - VOLATILE COMPOUNDS</b>															
1V. Acrolein (107-02-8)			X												
2V. Acrylonitrile (107-13-1)			X												
3V. Benzene (71-43-2)			X	< 0.005	< 26.5						mg/l	mg/d			
4V. Bis (Chloromethyl) Ether (542-88-1)			X												
5V. Bromoform (75-25-2)			X	< 0.005	< 26.5						mg/l	mg/d			
6V. Carbon Tetrachloride (56-23-5)			X	< 0.005	< 26.5						mg/l	mg/d			
7V. Chlorobenzene (108-90-7)			X	< 0.005	< 26.5						mg/l	mg/d			
8V. Chlorodibromomethane (124-48-1)			X	< 0.005	< 26.5						mg/l	mg/d			
9V. Chloroethane (75-00-3)			X	< 0.010	< 0.1						mg/l	mg/d			
10V. 2-Chloroethylvinyl Ether (110-75-8)			X												
11V. Chloroform (67-66-3)			X	< 0.005	< 26.5						mg/l	mg/d			
12V. Dichlorobromomethane (75-27-4)			X	< 0.005	< 26.5						mg/l	mg/d			
13V. Dichlorodifluoromethane (75-71-8)			X												
14V. 1,1-Dichloroethane (75-34-3)			X	< 0.005	< 26.5						mg/l	mg/d			
15V. 1,2-Dichloroethane (107-06-2)			X	< 0.005	< 26.5						mg/l	mg/d			
16V. 1,1-Dichloroethylene (75-35-4)			X	< 0.005	< 26.5						mg/l	mg/d			
17V. 1,2-Dichloropropane (78-87-5)			X	< 0.005	< 26.5						mg/l	kg/d			
18V. 1,3-Dichloropropylene (542-75-8)			X	< 0.005	< 26.5						mg/l	mg/d			
19V. Ethylbenzene (100-41-4)			X	< 0.005	< 26.5						mg/l	mg/d			
20V. Methyl Bromide (74-83-9)			X	< 0.010	< 53.0						mg/l	mg/d			
21V. Methyl Chloride (74-87-3)			X	< 0.010	< 53.0						mg/l	mg/d			

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'			3. EFFLUENT						4. UNITS		5. INTAKE (optional)			
	B. TESTING REQUIRED	D. BELIEVED PRESENT	C. BELIEVED ABSENT	B. MAXIMUM DAILY VALUE		D. MAXIMUM 30 DAY VALUE (if available)		G. LONG TERM AVG. VALUE (if available)		D. NO. OF ANALYSES	B. CONCENTRATION	b. MASS	E. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
<b>GC/MS FRACTION - VOLATILE COMPOUNDS (continued)</b>															
22V. Methylene Chloride (75-09-2)			X	< 0.005	< 26.5						mg/l	mg/d			
23V. 1,1,2,2-Tetrachloroethane (79-34-5)			X	< 0.005	< 26.5						mg/l	mg/d			
24V. Tetrachloroethylene (127-18-4)			X	< 0.005	< 26.5						mg/l	mg/d			
25V. Toluene (108-88-3)			X	< 0.005	< 26.5						mg/l	mg/d			
26V. 1,2-Trans-Dichloroethylene (156-60-5)			X	< 0.005	< 26.5						mg/l	mg/d			
27V. 1,1,1-Trichloroethane (71-55-6)			X	< 0.005	< 26.5						mg/l	mg/d			
28V. 1,1,2-Trichloroethane (79-00-5)			X	< 0.005	< 26.5						mg/l	mg/d			
29V. Trichloroethylene (79-01-6)			X	< 0.005	< 26.5						mg/l	mg/d			
30V. Trichlorofluoromethane (75-69-4)			X	< 0.005	< 26.5						mg/l	mg/d			
31V. Vinyl Chloride (75-01-4)			X	< 0.010	< 53.0						mg/l	mg/d			
<b>GC/MS FRACTION - ACID COMPOUNDS</b>															
1A. 2-Chlorophenol (95-57-3)			X	< 0.010	< 53.0						mg/l	mg/d			
2A. 2,4-Dichlorophenol (120-83-2)			X	< 0.010	< 53.0						mg/l	mg/d			
3A. 2,4-Dimethylphenol (105-67-9)			X	< 0.010	< 53.0						mg/l	mg/d			
4A. 4,6-Dinitro-O-Cresol (534-52-1)			X	< 0.010	< 53.0						mg/l	mg/d			
5A. 2,4-Dinitrophenol (51-28-5)			X	< 0.010	< 53.0						mg/l	mg/d			
6A. 2-Nitrophenol (88-75-5)			X	< 0.010	< 53.0						mg/l	mg/d			
7A. 4-Nitrophenol (100-02-7)			X	< 0.010	< 53.0						mg/l	mg/d			
8A. P-Chloro-M-Cresol (59-50-7)			X	< 0.010	< 53.0						mg/l	mg/d			
9A. Pentachlorophenol (87-86-5)			X	< 0.010	< 53.0						mg/l	mg/d			
10A. Phenol (108-95-2)			X	< 0.010	< 53.0						mg/l	mg/d			
11A. 2,4,6-Trichlorophenol (88-06-2)			X	< 0.010	< 53.0						mg/l	mg/d			

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'			3. EFFLUENT				4. UNITS		5. INTAKE (optional)				
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	b. MAXIMUM DAILY VALUE		d. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVG. VALUE (if available)		a. CONCENTRATION	b. MASS	e. LONG TERM AVERAGE VALUE		d. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS			(1) CONCENTRATION	(2) MASS	
<b>3C/MS FRACTION - BASE/NEUTRAL COMPOUNDS</b>														
1B. Acenaphthene (83-32-9)			X	< 0.010	< 53.0					mg/l	mg/d			
2B. Acenaphthylene (208-96-8)			X	< 0.010	< 53.0					mg/l	mg/d			
3B. Anthracene (120-12-7)			X	< 0.010	< 53.0					mg/l	mg/d			
4B. Benzidine (92-87-5)			X	< 0.010	< 53.0					mg/l	mg/d			
5B. Benzo (a) Anthracene (56-55-3)			X	< 0.010	< 53.0					mg/l	mg/d			
6B. Benzo (a) Pyrene (50-32-8)			X	< 0.010	< 53.0					mg/l	mg/d			
7B. 3,4-Benzo-fluoranthene (205-99-2)			X	< 0.010	< 53.0					mg/l	mg/d			
8B. Benzo (ghi) Perylene (191-24-2)			X	< 0.010	< 53.0					mg/l	mg/d			
9B. Benzo (h) Fluoranthene (207-08-9)			X	< 0.010	< 53.0					mg/l	mg/d			
10B. Bis (2-Chloroethoxy) Methane (111-91-1)			X	< 0.010	< 53.0					mg/l	mg/d			
11B. Bis (2-Chloroethyl) Ether (111-44-4)			X	< 0.010	< 53.0					mg/l	mg/d			
12B. Bis (2-Chloroisopropyl) Ether (102-60-1)			X	< 0.010	< 53.0					mg/l	mg/d			
13B. Bis (2-Ethylhexyl) Phthalate (117-81-7)			X	< 0.010	< 53.0					mg/l	mg/d			
14B. 4-Bromophenyl Phenyl Ether (101-55-3)			X	< 0.010	< 53.0					mg/l	mg/d			
15B. Butyl Benzyl Phthalate (85-68-7)			X	< 0.010	< 53.0					mg/l	mg/d			
16B. 2-Chloronaphthalene (91-58-7)			X	< 0.010	< 53.0					mg/l	mg/d			
17B. 4-Chlorophenyl Phenyl Ether (7005-72-3)			X	< 0.010	< 53.0					mg/l	mg/d			
18B. Chrysene (218-01-9)			X	< 0.010	< 53.0					mg/l	mg/d			
19B. Dibenzo (a,h) Anthracene (53-70-3)			X	< 0.010	< 53.0					mg/l	mg/d			
20B. 1,2-Dichlorobenzene (95-50-1)			X	< 0.010	< 53.0					mg/l	mg/d			
21B. 1,3-Dichlorobenzene (541-73-1)			X	< 0.010	< 53.0					mg/l	mg/d			

CONTINUED FROM PAGE V-6

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'			3. EFFLUENT						4. UNITS		5. INTAKE (optional)			
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
<b>GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS (continued)</b>															
22B. 1,4-Dichlorobenzene (106-46-7)			X	< 0.010	< 53.0						mg/l	mg/d			
23B. 3,3'-Dichlorobenzidine (91-94-1)			X	< 0.010	< 53.0						mg/l	mg/d			
24B. Diethyl Phthalate (84-66-2)			X	< 0.010	< 53.0						mg/l	mg/d			
25B. Dimethyl Phthalate (131-11-3)			X	< 0.010	< 53.0						mg/l	mg/d			
26B. DI-N-Butyl Phthalate (84-74-2)			X	< 0.010	< 53.0						mg/l	mg/d			
27B. 2,4-Dinitrotoluene (121-14-2)			X	< 0.010	< 53.0						mg/l	mg/d			
28B. 2,6-Dinitrotoluene (606-20-2)			X	< 0.010	< 53.0						mg/l	mg/d			
29B. DI-N-Octyl Phthalate (117-84-0)			X	< 0.010	< 53.0						mg/l	mg/d			
30B. 1,2-Diphenylhydrazine (as Azobenzene) (122-66-7)			X	< 0.010	< 53.0						mg/l	mg/d			
31B. Fluoranthene (206-44-0)			X	< 0.010	< 53.0						mg/l	mg/d			
32B. Fluorane (86-73-7)			X	< 0.010	< 53.0						mg/l	mg/d			
33B. Hexachlorobenzene (118-74-1)			X	< 0.010	< 53.0						mg/l	mg/d			
34B. Hexachlorobutadiene (87-68-3)			X	< 0.010	< 53.0						mg/l	mg/d			
35B. Hexachlorocyclopentadiene (77-47-4)			X	< 0.010	< 53.0						mg/l	mg/d			
36B. Hexachloroethane (67-72-1)			X	< 0.010	< 53.0						mg/l	mg/d			
37B. Indeno (1,2,3-cd) Pyrene (193-39-5)			X	< 0.010	< 53.0						mg/l	mg/d			
38B. Isophorone (78-69-1)			X	< 0.010	< 53.0						mg/l	mg/d			
39B. Naphthalene (91-20-3)			X	< 0.010	< 53.0						mg/l	mg/d			
40B. Nitrobenzene (98-95-3)			X	< 0.010	< 53.0						mg/l	mg/d			
41B. N-Nitrosodimethylamine (62-75-9)			X	< 0.010	< 53.0						mg/l	mg/d			
42B. N-Nitrosodi-N-Propylamine (621-64-7)			X	< 0.010	< 53.0						mg/l	mg/d			

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'			3. EFFLUENT				4. UNITS		5. INTAKE (optional)					
	A. TESTING RE-REQUIRED	B. DE-LEVELLED PRESENT	C. DE-LEVELLED ABSENT	B. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	B. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
<b>GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS (continued)</b>															
43B. N-Nitrosodiphenylamine (85-30-6)			X	< 0.010	< 53.0						mg/l	mg/d			
44B. Phenanthrene (85-01-8)			X	< 0.010	< 53.0						mg/l	mg/d			
45B. Pyrene (129-00-0)			X	< 0.010	< 53.0						mg/l	mg/d			
46B. 1,2,4-Trichlorobenzene (120-82-1)			X	< 0.010	< 53.0						mg/l	mg/d			
<b>GC/MS FRACTION - PESTICIDES</b>															
1P. Aldrin (809-00-2)			X	< 0.06	< 0.3						ug/l	mg/d			
2P. $\alpha$ -BHC (819-84-6)			X	< 0.04	< 0.2						ug/l	mg/d			
3P. $\beta$ -BHC (819-85-7)			X	< 0.1	< 0.5						ug/l	mg/d			
4P. $\gamma$ -BHC (88-89-9)			X	< 0.03	< 0.2						ug/l	mg/d			
5P. $\delta$ -BHC (819-86-8)			X	< 0.12	< 0.6						ug/l	mg/d			
6P. Chlordane (57-74-9)			X	< 0.25	< 1.3						ug/l	mg/d			
7P. 4,4'-DDT (50-29-3)			X	< 0.06	< 0.3						ug/l	mg/d			
8P. 4,4'-DDE (72-65-9)			X	< 0.08	< 0.4						ug/l	mg/d			
9P. 4,4'-DDD (72-54-8)			X	< 0.08	< 0.4						ug/l	mg/d			
10P. Dieldrin (50-57-1)			X	< 0.08	< 0.4						ug/l	mg/d			
11P. $\alpha$ -Endosulfan (115-29-7)			X	< 0.05	< 0.3						ug/l	mg/d			
12P. $\beta$ -Endosulfan (115-29-7)			X	< 0.08	< 0.4						ug/l	mg/d			
13P. Endosulfan Sulfate (1031-07-8)			X	< 0.09	< 0.5						ug/l	mg/d			
14P. Endrin (72-20-8)			X	< 0.06	< 0.3						ug/l	mg/d			
15P. Endrin Aldehyde (7421-93-4)			X	< 0.62	< 3.3						ug/l	mg/d			
16P. Heptachlor (76-44-8)			X	< 0.03	< 0.2						ug/l	mg/d			

CONTINUED FROM PAGE V-8

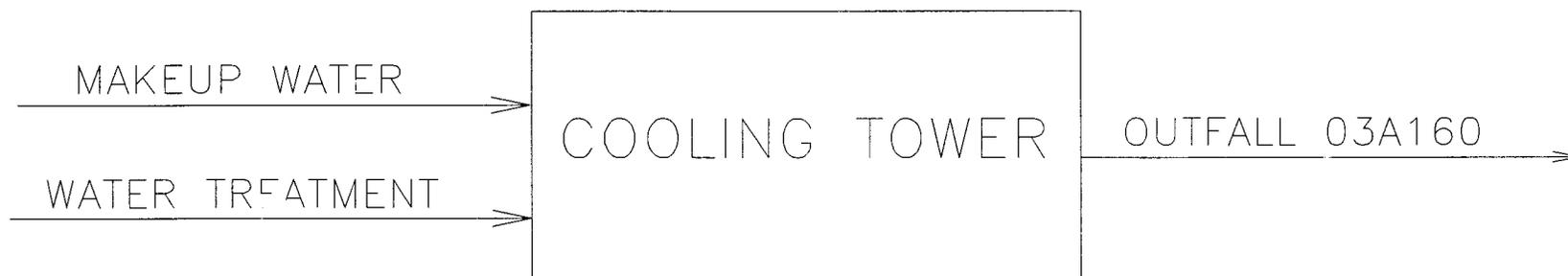
EPA I.D. NUMBER (copy from Item 1 of Form 1) **NM0890010515**      OUTFALL NUMBER **03A160**

Form Approved.  
OMB No. 2040-0086  
Approval expires 7-31-88

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'			3. EFFLUENT						4. UNITS		5. INTAKE (optional)			
	a. TEST-ING RE-QUIRED	b. BE-LIEVED PRE-SENT	c. BE-LIEVED AB-SENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANAL-YSES	a. CONCEN-TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANAL-YSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCEN-TRATION	(2) MASS	
<b>GC/MS FRACTION - PESTICIDES (continued)</b>															
17P. Heptachlor Epoxida (1024-57-3)			X	< 0.08	< 0.4						ug/l	mg/d			
18P. PCB-1242 (53469-21-9)			X	< 0.71	< 3.8						ug/l	mg/d			
19P. PCB-1254 (11097-69-1)			X	< 0.71	< 3.8						ug/l	mg/d			
20P. PCB-1221 (11104-28-2)			X	N.D.											
21P. PCB-1232 (11141-16-5)			X	N.D.											
22P. PCB-1248 (12672-29-6)			X	N.D.											
23P. PCB-1260 (11098-82-5)			X	< 0.71	< 3.8						ug/l	mg/d			
24P. PCB-1016 (12674-11-2)			X	N.D.											
25P. Toxaphene (8001-35-2)			X	< 2.5	< 13.2						ug/l	mg/d			

PAGE V-9

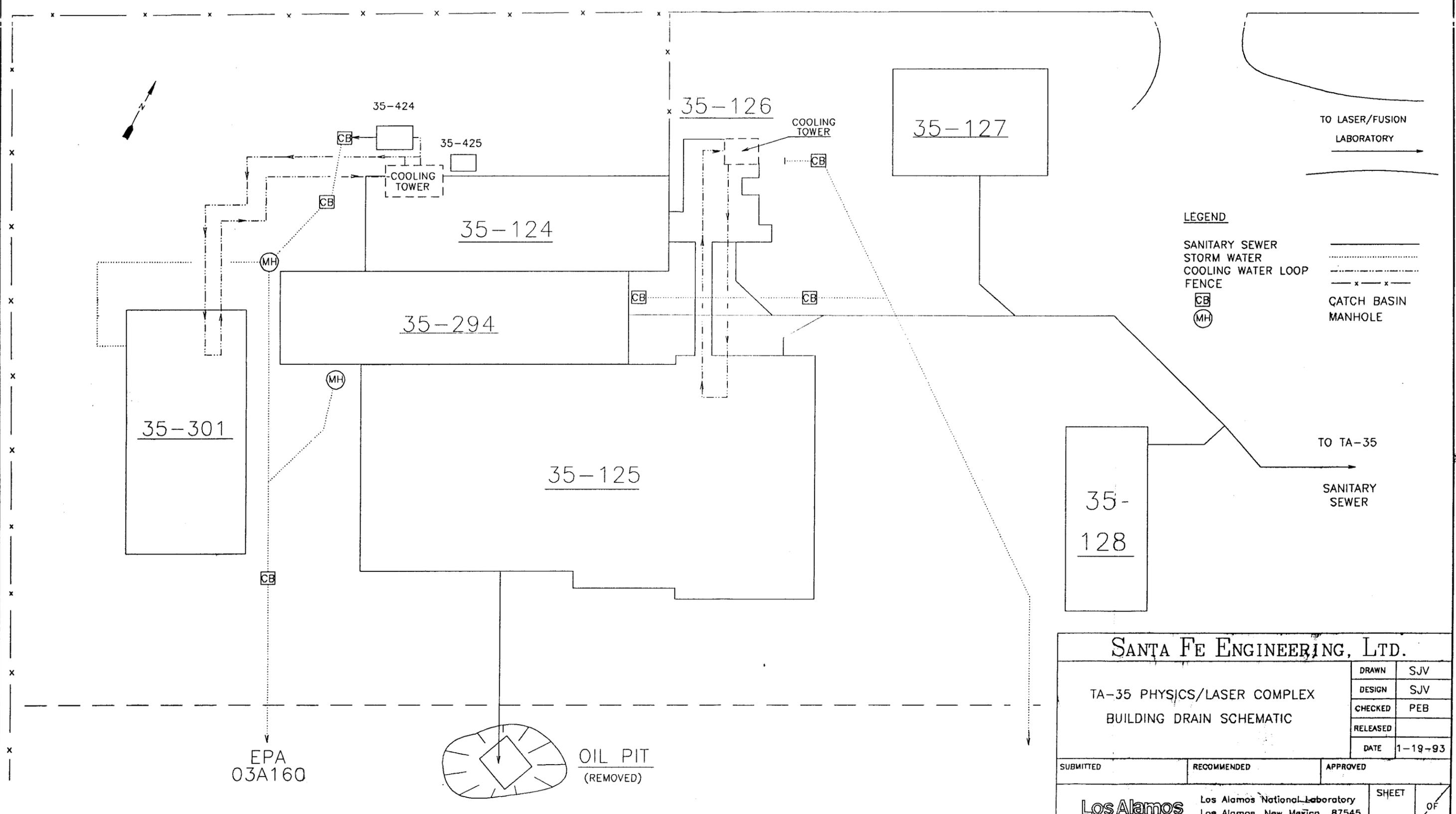
SCHEMATIC OF WATER FLOW  
OUTFALL 35-124-OPN-1



## DYE STUDY INFORMATION

BUILDING NUMBER	DRAIN NUMBER	DID DYE REACH EXPECTED DESTINATION?	COMMENTS
35-87	1FD7	YES	NONE
35-87	1SD2	YES	NONE
35-87	1SD4	YES	NONE
35-87	RD7	YES	NONE
35-213	1FD24	YES	NONE
35-213	1FD28	YES	NONE
35-213	1FD37	YES	NONE
35-213	1FD46	YES	NONE
35-213	1FD48	YES	NONE
35-213	1FD52	YES	NONE
35-213	1FD53	YES	NONE
35-213	1FD55	YES	NONE
35-213	1FD58	YES	NONE
35-213	1SD15	YES	NONE
35-213	1SD18	YES	NONE
35-213	1SD21	YES	NONE
35-213	1SD40	YES	NONE
35-213	1SD45	YES	NONE
35-213	1SD53	YES	NONE
35-213	1SD6	YES	NONE
35-213	1TL2	YES	NONE
35-213	1TL2	YES	NONE
35-213	1TL2	YES	NONE
35-213	1TL6	YES	NONE
35-213	2EW7	YES	NONE
35-213	2SD11	YES	NONE
35-213	2SD26	YES	NONE
35-213	2SD28	YES	NONE
35-213	2SD29	YES	NONE
35-213	2SD31	YES	NONE
35-213	2SD7	YES	NONE
35-213	2TL3	YES	NONE

PECOS DRIVE



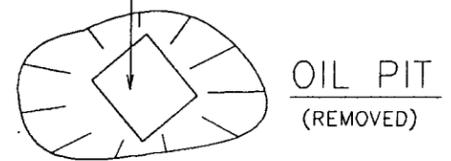
LEGEND

- SANITARY SEWER
- STORM WATER
- COOLING WATER LOOP
- FENCE
- CATCH BASIN
- MANHOLE

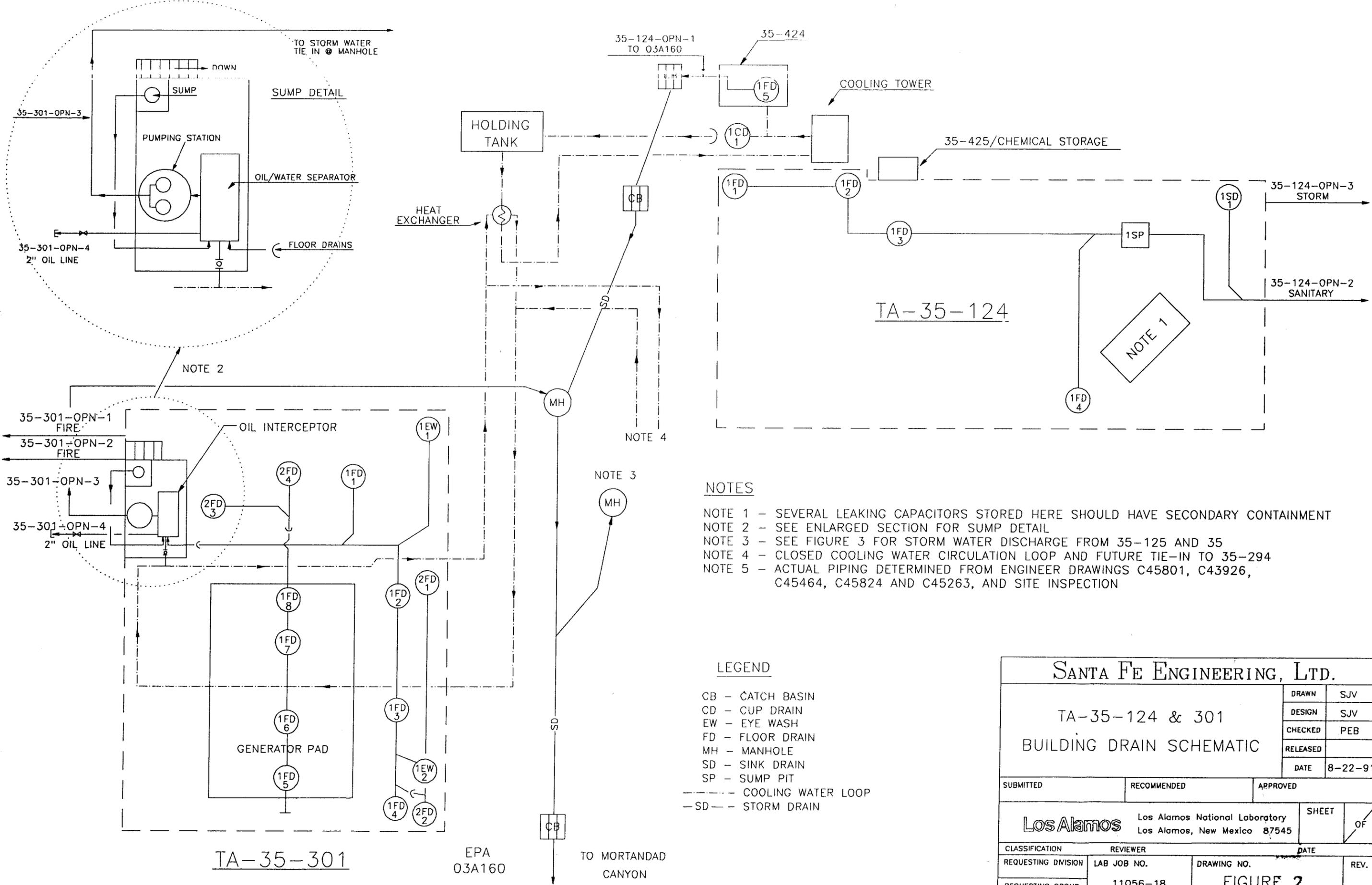
SANTA FE ENGINEERING, LTD.

TA-35 PHYSICS/LASER COMPLEX BUILDING DRAIN SCHEMATIC		DRAWN	SJV
		DESIGN	SJV
		CHECKED	PEB
		RELEASED	
		DATE	1-19-93
SUBMITTED	RECOMMENDED	APPROVED	
Los Alamos		Los Alamos National Laboratory Los Alamos, New Mexico 87545	SHEET OF
CLASSIFICATION	REVIEWER	DATE	
REQUESTING DIVISION	LAB JOB NO.	DRAWING NO.	REV.
REQUESTING GROUP	11056-18	FIGURE 1	
EM-8			

EPA 03A160



MORTANDAD CANYON



**NOTES**

- NOTE 1 - SEVERAL LEAKING CAPACITORS STORED HERE SHOULD HAVE SECONDARY CONTAINMENT
- NOTE 2 - SEE ENLARGED SECTION FOR SUMP DETAIL
- NOTE 3 - SEE FIGURE 3 FOR STORM WATER DISCHARGE FROM 35-125 AND 35
- NOTE 4 - CLOSED COOLING WATER CIRCULATION LOOP AND FUTURE TIE-IN TO 35-294
- NOTE 5 - ACTUAL PIPING DETERMINED FROM ENGINEER DRAWINGS C45801, C43926, C45464, C45824 AND C45263, AND SITE INSPECTION

**LEGEND**

- CB - CATCH BASIN
- CD - CUP DRAIN
- EW - EYE WASH
- FD - FLOOR DRAIN
- MH - MANHOLE
- SD - SINK DRAIN
- SP - SUMP PIT
- COOLING WATER LOOP
- SD- STORM DRAIN

**SANTA FE ENGINEERING, LTD.**

TA-35-124 & 301  
BUILDING DRAIN SCHEMATIC

DRAWN	SJV
DESIGN	SJV
CHECKED	PEB
RELEASED	
DATE	8-22-91

SUBMITTED      RECOMMENDED      APPROVED

**Los Alamos** Los Alamos National Laboratory  
Los Alamos, New Mexico 87545

SHEET    OF   

CLASSIFICATION	REVIEWER	DATE
REQUESTING DIVISION	LAB JOB NO.	DRAWING NO.
REQUESTING GROUP EM-8	11056-18	FIGURE 2
		REV.

TA-35-301

EPA  
03A160

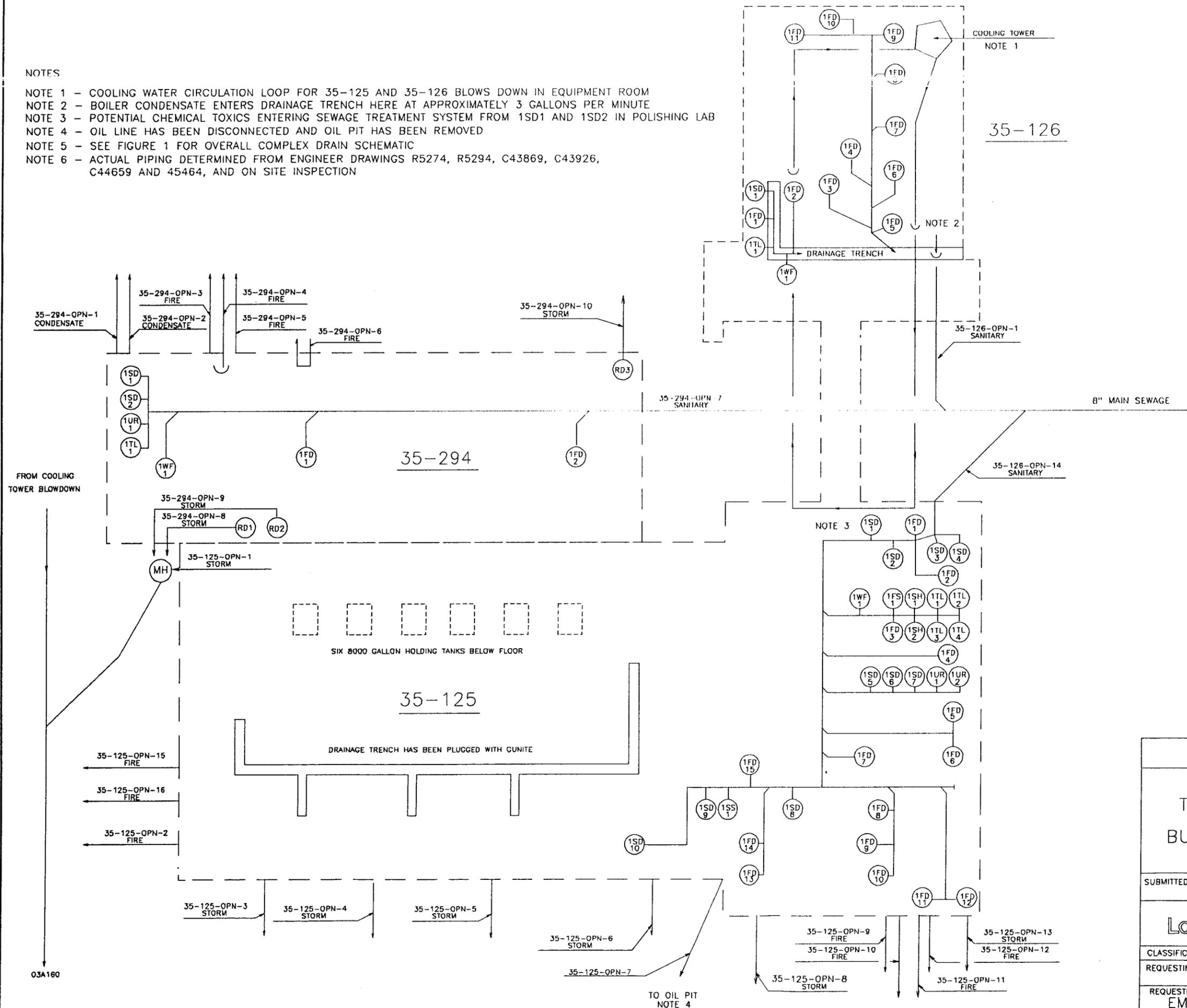
TO MORTANDAD  
CANYON

NOTES

- NOTE 1 - COOLING WATER CIRCULATION LOOP FOR 35-125 AND 35-126 BLOWS DOWN IN EQUIPMENT ROOM
- NOTE 2 - BOILER CONDENSATE ENTERS DRAINAGE TRENCH HERE AT APPROXIMATELY 3 GALLONS PER MINUTE
- NOTE 3 - POTENTIAL CHEMICAL TOXICS ENTERING SEWAGE TREATMENT SYSTEM FROM 1SD1 AND 1SD2 IN POLISHING LAB
- NOTE 4 - OIL LINE HAS BEEN DISCONNECTED AND OIL PIT HAS BEEN REMOVED
- NOTE 5 - SEE FIGURE 1 FOR OVERALL COMPLEX DRAIN SCHEMATIC
- NOTE 6 - ACTUAL PIPING DETERMINED FROM ENGINEER DRAWINGS R5274, R5294, C43869, C43926, C44659 AND 45464, AND ON SITE INSPECTION

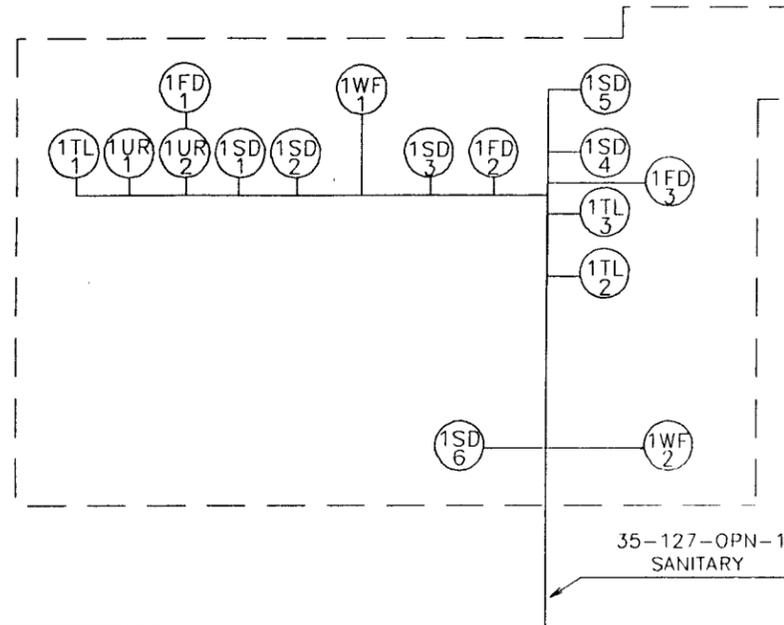
LEGEND

- FD - FLOOR DRAIN
- FS - FLOOR SINK
- MH - MANHOLE
- RD - ROOF DRAIN
- SD - SINK DRAIN
- SH - SHOWER
- SS - SAFETY SHOWER
- TL - TOILET
- UR - URINAL
- WF - WATER FOUNTAIN



SANTA FE ENGINEERING, LTD.			
TA-35-126, 125 & 294		DRAWN	SJV
BUILDING DRAIN SCHEMATIC		DESIGN	SJV
		CHECKED	PEB
		RELEASED	
		DATE	1-19-93
SUBMITTED	RECOMMENDED	APPROVED	
Los Alamos		Los Alamos National Laboratory Los Alamos, New Mexico 87545	SHEET OF
CLASSIFICATION	REVIEWER	DATE	
REQUESTING DIVISION	LAB JOB NO.	DRAWING NO.	REV.
REQUESTING GROUP	11056-18	FIGURE 3	
EM-8			

TA-35-127



NOTES

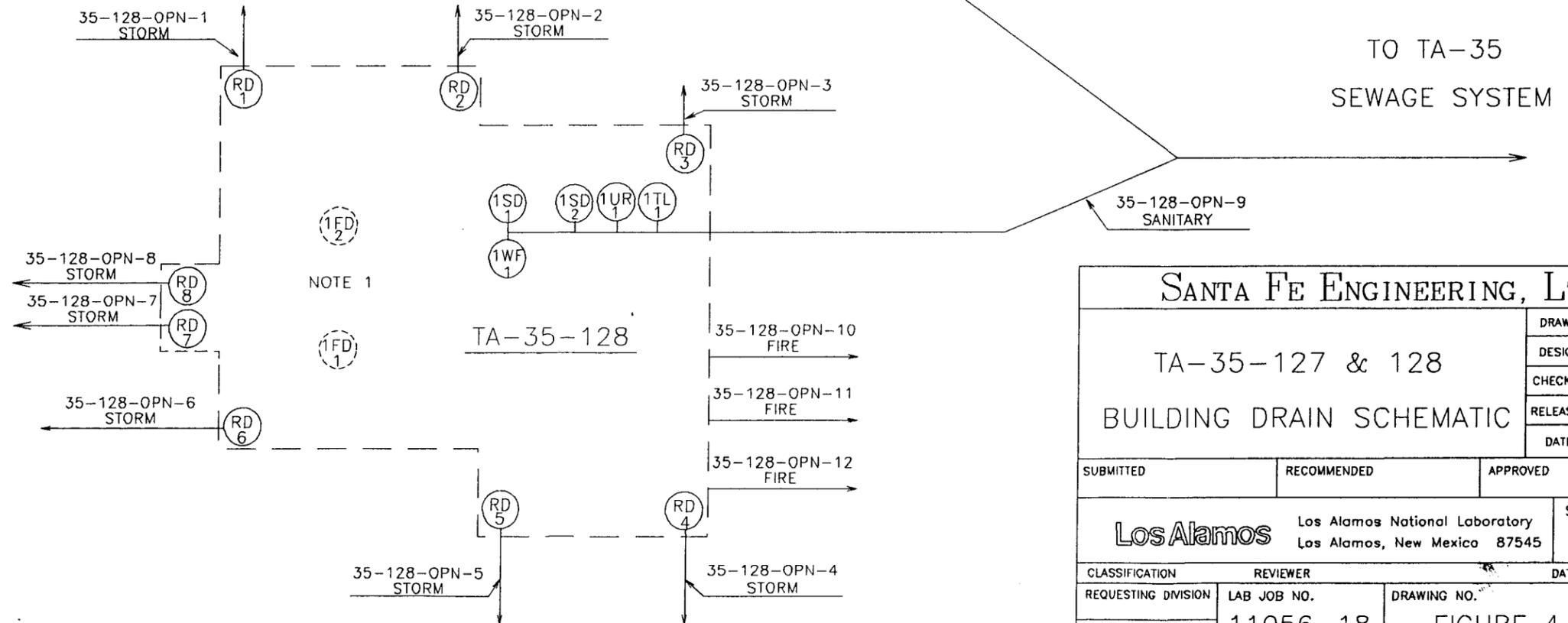
- NOTE 1 - DRAINS 1FD1 AND 1FD2 ARE GROUDED SHUT AND NO LONGER IN USE (DASHED)
- NOTE 2 - ACTUAL PIPING DETERMINED FROM ENGINEER DRAWINGS C43869, C44418 AND C43926, AND ON SITE INSPECTION
- NOTE 3 - SEE FIGURE 1 FOR OVERALL COMPLEX DRAIN SCHEMATIC



8" MAIN SEWER LINE

LEGEND

- FD - FLOOR DRAIN
- RD - ROOF DRAIN
- SD - SINK DRAIN
- TL - TOILET
- UR - URINAL
- WF - WATER FOUNTAIN

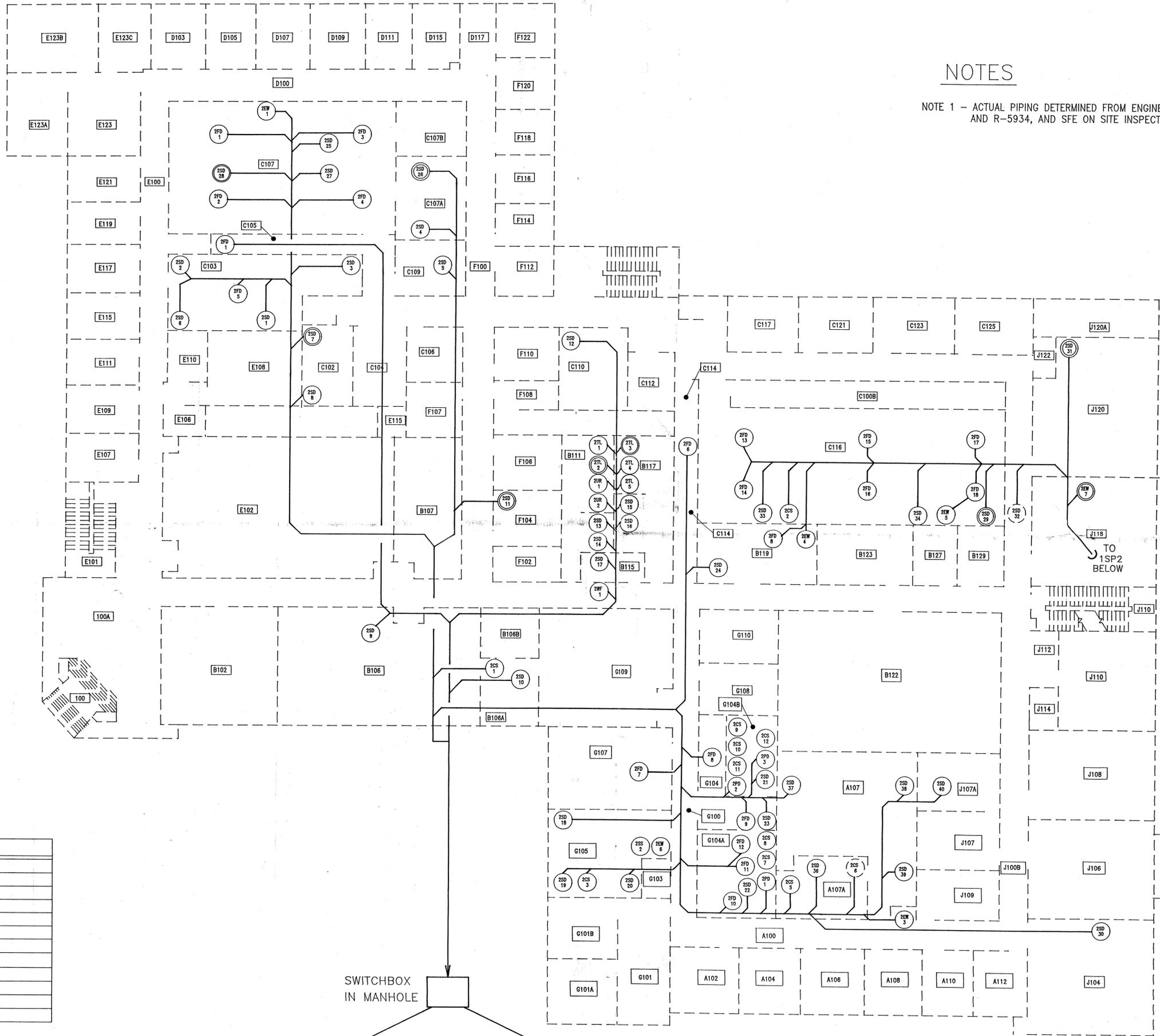


SANTA FE ENGINEERING, LTD.			
TA-35-127 & 128 BUILDING DRAIN SCHEMATIC		DRAWN	SJV
		DESIGN	SJV
		CHECKED	PEB
		RELEASED	
		DATE	1-19-92
SUBMITTED		RECOMMENDED	APPROVED
Los Alamos		Los Alamos National Laboratory Los Alamos, New Mexico 87545	
CLASSIFICATION		REVIEWER	DATE
REQUESTING DIVISION	LAB JOB NO.	DRAWING NO.	REV.
REQUESTING GROUP	11056-18	FIGURE 4	



# NOTES

NOTE 1 - ACTUAL PIPING DETERMINED FROM ENGINEER DRAWINGS C-44771, AND R-5934, AND SFE ON SITE INSPECTION



SYMBOL LEGEND	
FD	FLOOR DRAIN
TD	TRENCH DRAIN
SD	SINK DRAIN
RD	ROOF DRAIN
ED	EYE WASH DRAIN
TL	TOILET
LV	LAVATORY
UR	URINAL
SH	SHOWER
WF	WATER FOUNTAIN
SP	SUMP PIT W/PUMP

35-213-OPN-18  
CONDENSATE

35-213-OPN-19  
CONDENSATE

35-213-OPN-17  
RLW

35-213-OPN-14  
SANITARY

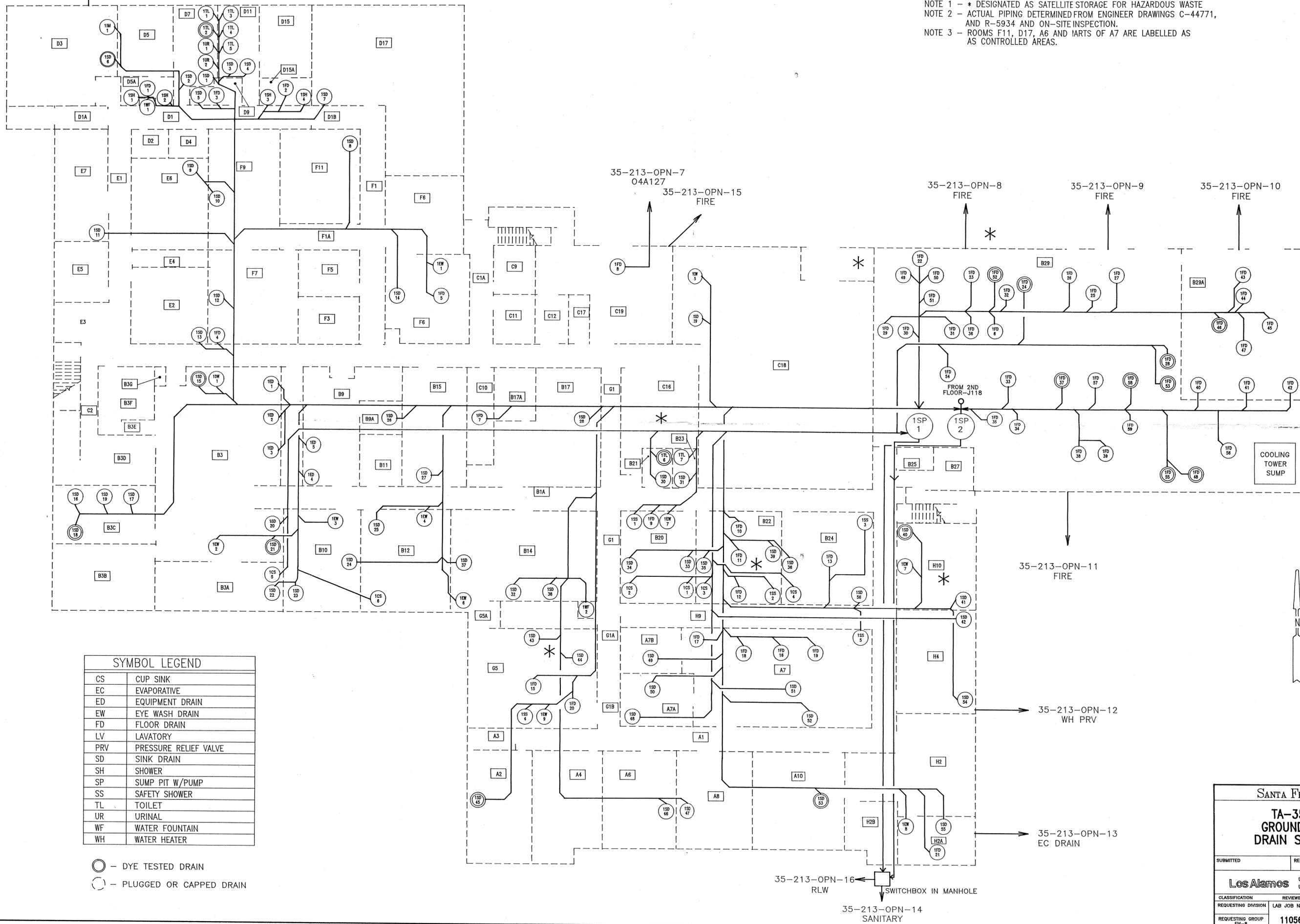
15301-A

SANTA FE ENGINEERING, LTD.			
TA-35-213 SECOND FLOOR DRAIN SCHEMATIC		DRAWN	D.A.H.
		DESIGN	S.J.V.
		CHECKED	P.E.B.
		RELEASED	
		DATE	01/21/93
SUBMITTED	RECOMMENDED	APPROVED	
Los Alamos		Los Alamos National Laboratory Los Alamos, New Mexico 87545	SHEET 1 OF 1
CLASSIFICATION	REVIEWER	DATE	REV.
REQUESTING DIVISION	LAB JOB NO.	DRAWING NO.	REV.
REQUESTING GROUP EM-8	11056-18	FIGURE 5	

35-213-OPN-6  
FIRE

NOTES

- NOTE 1 - \* DESIGNATED AS SATELLITE STORAGE FOR HAZARDOUS WASTE
- NOTE 2 - ACTUAL PIPING DETERMINED FROM ENGINEER DRAWINGS C-44771, AND R-5934 AND ON-SITE INSPECTION.
- NOTE 3 - ROOMS F11, D17, A6 AND PARTS OF A7 ARE LABELLED AS CONTROLLED AREAS.

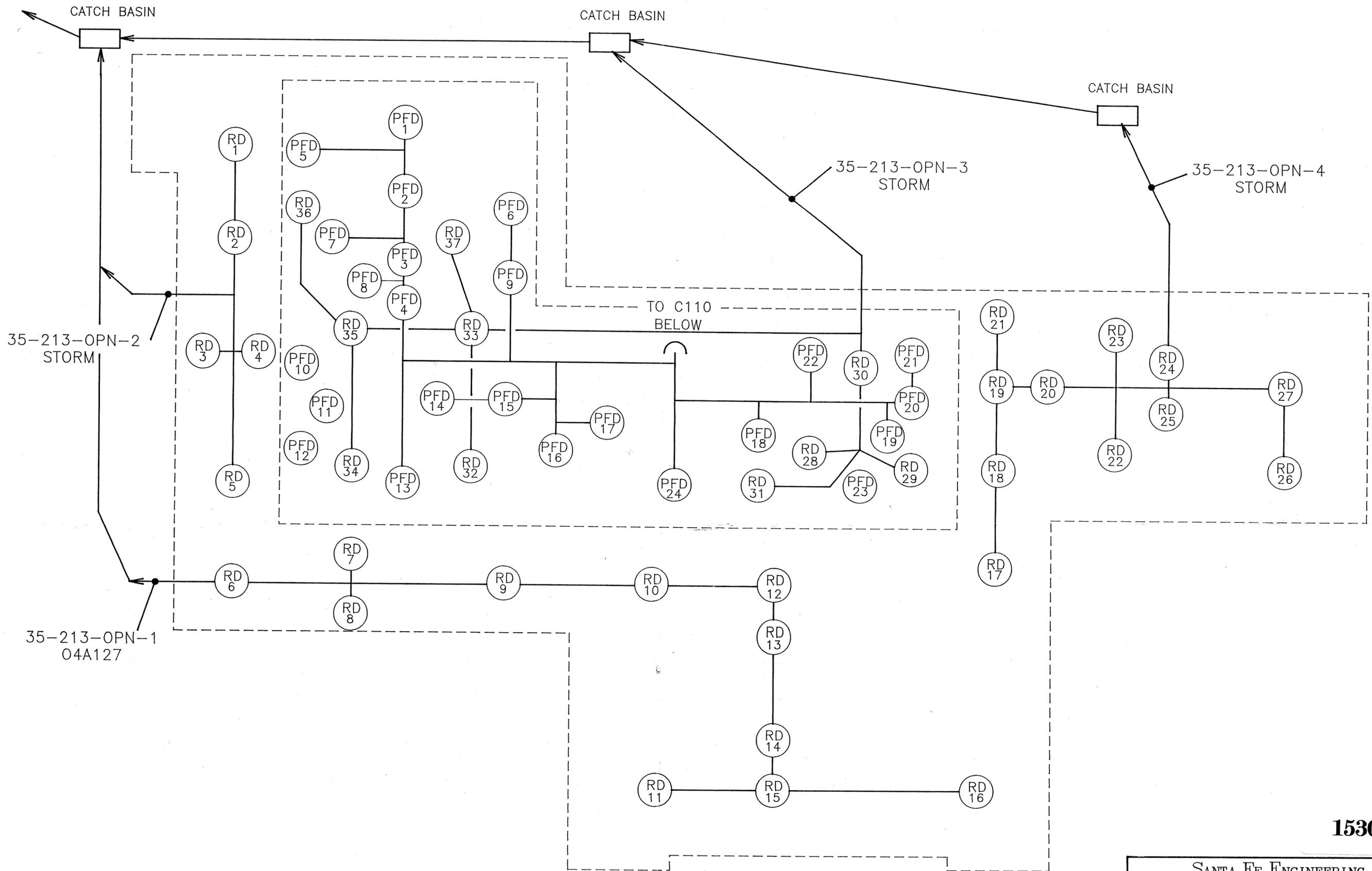


SYMBOL LEGEND	
CS	CUP SINK
EC	EVAPORATIVE
ED	EQUIPMENT DRAIN
EW	EYE WASH DRAIN
FD	FLOOR DRAIN
LV	LAVATORY
PRV	PRESSURE RELIEF VALVE
SD	SINK DRAIN
SH	SHOWER
SP	SUMP PIT W/PUMP
SS	SAFETY SHOWER
TL	TOILET
UR	URINAL
WF	WATER FOUNTAIN
WH	WATER HEATER

- - DYE TESTED DRAIN
- - PLUGGED OR CAPPED DRAIN

**15301-B**

SANTA FE ENGINEERING, LTD.			
DRAWN	D.A.H.	DESIGN	S.J.V.
CHECKED	P.E.B.	RELEASED	DATE
DATE	01/21/93	SHEET	1 OF 1
Los Alamos		Los Alamos National Laboratory Los Alamos, New Mexico 87545	
CLASSIFICATION	REVIEWER	DATE	REV.
REQUESTING DIVISION	LAB JOB NO.	DRAWING NO.	REV.
REQUESTING GROUP	EM-8	11056-18	FIGURE 6

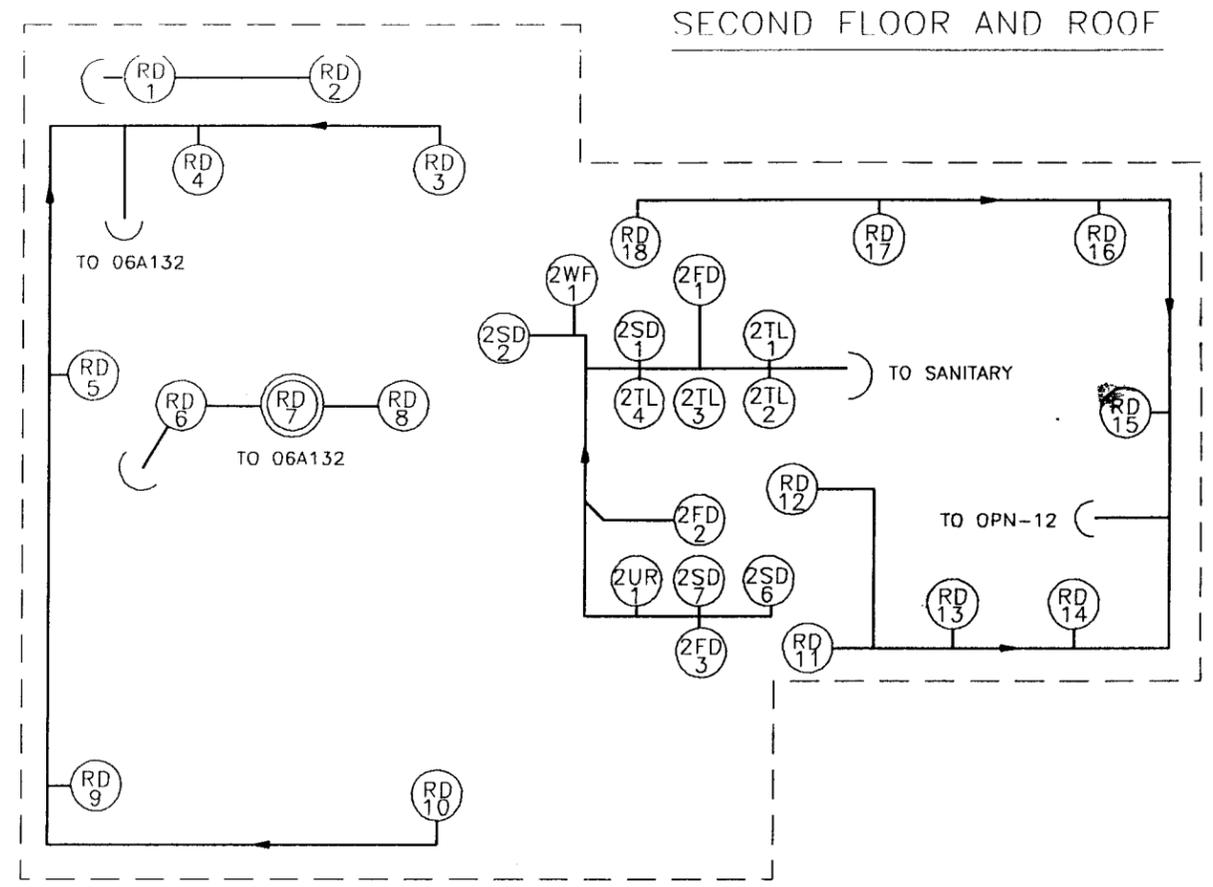
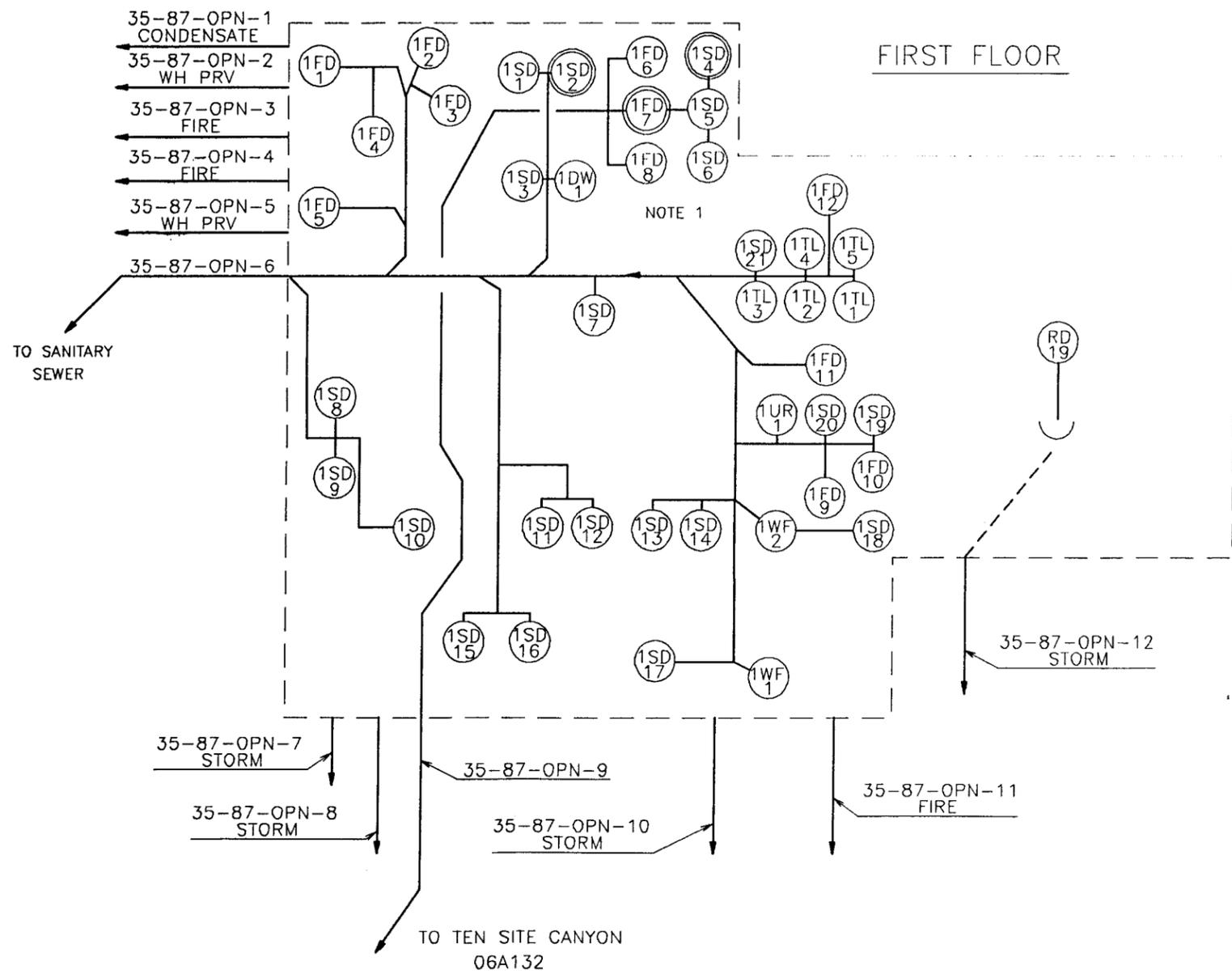


15301-C

SANTA FE ENGINEERING, LTD.			
TA-35-213		DRAWN	E.J.H.
ROOF AND PENTHOUSE		DESIGN	S.J.V.
DRAIN SCHEMATIC		CHECKED	P.E.B.
		DATE	3/2/93
SUBMITTED	RECOMMENDED	APPROVED	
Los Alamos		Los Alamos National Laboratory Los Alamos, New Mexico 87545	SHEET 1 OF 1
CLASSIFICATION	REVIEWER	DATE	
REQUESTING DIVISION	LAB JOB NO.	DRAWING NO.	REV.
REQUESTING GROUP FM-R	11056-18	FIGURE 7	

**NOTES**

NOTE 1 - SATELLITE STORAGE UNIT IN PHOTO LAB INCLUDES (2) 55-GALLON DRUMS  
 NOTE 2 - ACTUAL PIPING DETERMINED FROM ENGINEER DRAWINGS R4809 AND C-43117, DYE STUDY VERIFICATION, AND ON SITE INSPECTION



- LEGEND**
- DW - DISHWASHER
  - FD - FLOOR DRAIN
  - PRV - PRESSURE RELIEF VALVE
  - RD - ROOF DRAIN
  - SD - SINK DRAIN
  - TL - TOILET
  - UR - URINAL
  - WF - WATER FOUNTAIN
  - WH - WATER HEATER
- DYE TESTED DRAIN



<b>SANTA FE ENGINEERING, LTD.</b>			
<b>TA 35-87 BUILDING</b>		DRAWN	S.J.V.
<b>DRAIN SCHEMATIC</b>		DESIGN	S.J.V.
		CHECKED	P.E.B.
		RELEASED	
		DATE	1-20-93
SUBMITTED	RECOMMENDED	APPROVED	
<b>Los Alamos</b>		Los Alamos National Laboratory Los Alamos, New Mexico 87545	SHEET OF
CLASSIFICATION	REVIEWER	DATE	
REQUESTING DIVISION	LAB JOB NO.	DRAWING NO.	REV.
REQUESTING GROUP EM-8	11056-18	FIGURE 8	