

Entergy Operations, Inc. River Bend Station 5485 U.S. Highway 61 P.O. Box 220 St. Francisville, LA 70775 Tel 504 336 6225 Fax 504 635 5068

James J. Fisicaro Director Nuclear Safety

September 14, 1995

U.S. Environmental Protection Agency Water Quality Protection Division 1445 Ross Avenue Dallas, Texas 75202

Attn: Mr. William B. Hathaway (6WQ)

Division Director

Ref

Submittal of NPDES Permit Renewal Application

NPDES Permit No. LA 0042731

File No.:

G1.11.7

RBG-41958 RBF1-95-0220

Dear Mr. Hathaway,

Entergy Operations, Inc. (EOI) is submitting a National Pollutant Discharge Elimination System (NPDES) permit renewal application for NPDES Permit No. LA0042731, issued to the River Bend Station in St. Francisville, Louisiana. The permit has an expiration date of March 15, 1996, and in accordance with requirements at 40 CFR § 122.21(d)(2), this NPDES permit renewal application is being submitted at least 180 days prior to the expiration date of the currently effective permit (i.e., by September 18, 1995).

The document, submitted in triplicate, consists of narrative text, U.S. EPA Application Forms 1, 2C, and 2F, and the required figures.

If you have any questions regarding this submittal, please contact Pamela Chapman at (504) 381-4389.

Sincerely,

JJF/PWC/kvm

enclosure

Submittal of NPDES Permit Renewal Application September 14, 1995 RBG-41958 Page 2 of 2

cc: Mr. J.Dale Givens
Louisiana Department of Environmental Quality
Office of Water Resources
P. O. Box 82215
Baton Rouge, LA 70884-2215

U.S. Nuclear Regulatory Commission Region IV 611 Ryan Plaza Drive, Suite 400 Arlington, TX 76011

U.S. Nuclear Regulatory Commission Document Control Desk. M/C P1-37 Washington, DC 20555

NRC Sr. Resident Inspector P.O. Box 1051 St. Francisville, LA 70775

Mike Sellman, Gen Mgr, Plant Operations, EOI

ENTERGY OPERATIONS, INC. RIVER BEND STATION

APPLICATION FOR RENEWAL OF NPDES PERMIT NO. LA0042731

SEPTEMBER 1995

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PREPARED BY:

C-K ASSOCIATES, INC. 17170 PERKINS ROAD BATON ROUGE, LOUISIANA 70810 (504) 755-1000

C-K ASSOCIATES' PROJECT NO. 53-502

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1.0 INTRODUCTION

1.1 General

The Entergy Operations, Inc. (Entergy), River Bend Station currently discharges under authority of National Pollutant Discharge Elimination System (NPDES) Permit No. LA0042731 and Louisiana Water Discharge Permit System (LWDPS) Permit No. WP 0409. The NPDES and LWDPS permits were issued by the U.S. Environmental Protection Agency (U.S. EPA) and the Louisiana Department of Environmental Quality (LDEQ), respectively, and authorize discharge of facility wastewater/stormwater from nine final outfalls (001 - 009) and one internal outfall (102) to the Mississippi River.

The following information and U.S. EPA Application Form 1 (General Information), Form 2C (Wastewater Discharge Information), and Form 2F (Storm Water Discharges Associated with Industrial Activity) are being submitted in connection with the renewal of the site's existing NPDES permit.

U.S. EPA Forms 1, 2C, and 2F are included as Appendices A, B, and C, respectively. Section 2.0 provides a description of the site operations, location, and property boundaries. Effluent collection, treatment, and discharge are addressed in Section 3.0. Stormwater drainage, management, and discharge are discussed in Section 4.0. Section 5.0 includes pertinent information on wastewater and stormwater sampling and analyses conducted for this permit application. Section 6.0 addresses prior biomonitoring requirements and results.

1.2 Regulatory and Permitting Background

The operation of the Entergy River Bend Station and the discharge of treated wastewater and stormwater are regulated by the NPDES permit program administered by the U.S. EPA. The regulations for the NPDES program as they apply to the Entergy facility are set forth in Title 40 of the Code of Federal Regulations (CFR), specifically at 40 CFR Parts 122, 124, 125, 129, and 136. Additionally, the State of Louisiana Water Quality Regulations [Louisiana Administrative Code (LAC) at Title 33, Part IX, Chapters 1 through 15] as administered by the LDEQ apply to the Entergy facility. The establishment of effluent limitations in Entergy's NPDES and LWDPS permits is governed by the aforementioned regulations and is based upon the effluent guidelines and standards for the Steam Electric Power Generating point source category at 40 CFR Part 423.

Entergy currently operates and discharges treated wastewater and stormwater under the NPDES permit that was issued on February 15, 1991 (effective March 16, 1991 and expiring on March 15, 1996). In accordance with requirements at 40 CFR §122.21(d)(2), this NPDES permit renewal application is being submitted at least 180 days prior to the expiration date of the currently effective permit.

Entergy currently operates under the LWDPS permit issued on May 28, 1987 (effective on date of issuance), with an expiration date specified as five years from the date of issuance (May 27, 1992). The LWDPS permit was subsequently modified on May 23, 1991 as requested by Entergy. An LWDPS permit renewal application was submitted on January 27, 1992. Although the LWDPS permit does not presently include Outfall 009, Entergy did address this outfall in the 1992 permit renewal application. The LWDPS permit is currently in the process of being reissued by the LDEQ and will be updated to reflect current site conditions (i.e., outfalls).

2.0 SITE OPERATIONS AND PROPERTY DESCRIPTION

The Entergy River Bend site is a nuclear fuel steam generation facility, Standard Industrial Classification (SIC) Code Number 4911. The site received a full-power license from the U.S. Nuclear Regulatory Commission (NRC) on November 20, 1985 and achieved commercial operation on June 16, 1986. The facility's generating capacity is 934 megawatts (NET) electrical. The commercial generation of electricity is provided by a General Electric BWR-6 reactor with Mark III containment.

The Entergy facility is located at 5485 U.S. Highway 61 in St. Francisville (West Feliciana Parish), Louisiana. It is situated on approximately 3,800 acres in Section 48, Township 3 South, Range 3 West; Sections 41, 44, 45, 57, 58, 59, 60, 62, 63, and 65, Township 3 South, Range 2 West; and Sections 45 and 66, Township 4 South, Range 2 West. Figure 1 is a Site Location Map showing the setting of the River Bend Station and the location of the designated discharge outfalls. Approximately 132 acres of the property have been developed for steam electric power generating activities. The facility is located between U.S. Highway 61 (on the northeast) and the east bank (left descending bank) of the Mississippi River near River Mile 262. The northwest and southeast boundaries adjoin undeveloped land.

The developed portion of the plant site has a topography with an average elevation of approximately 100 feet National Geodetic Vertical Datum (NGVD). Rolling hills occupy a considerable area of the Entergy property surrounding the developed portion, and the elevations for the entire property range from approximately 35 to 130 feet NGVD.

The locations of permitted final Outfalls 001 - 009 and internal Outfall 102 are shown on Figure 1. Also shown on Figure 1 are the locations of active water wells in the near vicinity (one-mile radius) of the Entergy site that are registered with the Louisiana Department of Transportation and Development (LDOTD), Office of Public Works. Wells shown include those used for industrial, domestic, fire suppression, and power generation purposes. Plugged wells, monitor wells, test holes, piezometers, observation wells, and recovery wells are not included. Summarized in Table 1 is relevant information on each water well in the LDOTD inventory shown on Figure 1.

Figure 2 is a Site Plan and Stormwater Drainage Map depicting pertinent features of the Entergy River Bend Station.

3.0 EFFLUENT COLLECTION, TREATMENT, AND DISCHARGE

This section addresses water use and wastewater generation, collection, treatment, and discharge (including stormwater management) at the Entergy River Bend Station. While overall stormwater management and discharge are discussed in this section, specific site information required by the NPDES stormwater permit application regulations (and U.S. EPA Form 2F) is addressed in Section 4.0.

3.1 Permitted Outfalls

Water used in the facility for cooling purposes is obtained from the Mississippi River via a single intake structure. It is clarified before use in the cooling towers. Water used in the facility for potable, sanitary, fire suppression, process, and auxiliary boiler feed purposes is obtained from four on-site wells, the locations of which are shown on Figure 1. Some well water is treated by a reverse osmosis process (ion exchange) for plant use. Figure 3 depicts Station Water Flows. Components of each outfall and wastewater treatment, as applicable, are described below.

Outfall 001

This is the River Bend Station's main water discharge outfall to the Mississippi River (Water Quality Management Basin Segment Number 070201). It consists of cooling tower blowdown and other wastewater streams previously monitored at designated outfalls. These other outfalls include the metal cleaning wastewater discharge (Outfall 102), the low-volume chemical wastewater discharge (Outfall 002), and the treated sanitary wastewater discharge (Outfall 004). Entergy redirected the treated sanitary wastewater (Outfall 004) from discharge to Grant's Bayou to Outfall 001 during the refueling outage in March 1992.

Cooled water from cooling towers is pumped through the turbine condenser and service water heat exchangers, and the heated water is returned to the cooling towers. Four eight-cell induced draft cooling towers reject heat from the turbine condenser, and one five-cell induced draft cooling tower rejects heat from the service water heat exchangers. Water losses from drift and evaporation are replenished with clarified river water. Clarifier sludge is diluted with river water to approximately 4% solids and returned to the Mississippi River (via a discharge line separate from Outfall 001) as shown on Figure 3. Cooling tower blowdown is accomplished by directing cooled water from the cooling tower flume via a portion of the condenser pumps' discharge to a common discharge header leading to Outfall 001. This diversion of pumpage is normally valved to provide a minimum of 2,200 gallons per minute or gpm (3.17 million gallons per day or MGD) blowdown rate. During full power, hot weather operation of River Bend Station, cooling water blowdown occurs at approximately 3,500 gpm (5.04 MGD), but may occur at rates up to 7,000 gpm (10 MGD).

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Cooling tower blowdown, metal cleaning wastewater (described in more detail for Outfall 102), low-volume chemical wastewater (described for Outfall 002), and sanitary wastewater treatment effluent (described for Outfall 004) merge into a common discharge header for conveyance to the Mississippi River via a 2.6-mile long, buried pipeline (see Figure 1).

The discharge volume of Outfall 002 constitutes approximately 10% of the flow from Outfall 001 for about three hours per day and less than 2% of the flow for the remainder of the day during full power operation. The discharge volume of Outfall 004 constitutes less than 2% of the flow through Outfall 001. Residual chlorine levels are reduced by treatment with ammonium (or sodium) bisulfite injection into the combined Outfall 001 effluent downstream of the common discharge header, prior to discharge to the Mississippi River. Permit compliance monitoring is performed at the exposed vacuum-break chamber of the 30-inch diameter buried pipeline approximately 300 meters before the pipeline enters the floodplain. This pipeline emerges on the east bank of the river in the discharge control structure located at approximately River Mile 262. The 30-inch diameter submerged discharge is located 610 feet downstream of the plant's river water intake structure (see Figure 1).

Outfall 002

This outfall is the power station low-volume chemical wastewater discharge to the cooling tower flume or to the common discharge header leading to Outfall 001 which discharges to the Mississippi River. It consists of the treated water and wastewater from the following sources:

- intermittent ion-exchange resin backwash, regeneration, and reverse osmosis reject waters from makeup water polishing (demineralized water production);
- (2) intermittent auxiliary boiler blowdown;
- intermittent metal cleaning wastewater discharge (monitored as Outfall 102);
- (4) intermittent reverse osmosis wastewaters, filter backwash from service water polishing, and/or feed-and-bleed from the service water system and the standby cooling tower; and
- (5) intermittent wastewaters from floor washdown, equipment washing, personnel decontamination, laboratory drains, and treated wastewaters from low-level, solid radioactive waste dewatering (Note: These treated wastewaters are discharged when recycling to condensate storage, demineralization, and reuse as boiler feed is not available).

There are two treatment systems associated with Outfall 002. The wastewaters described in Items (1) and (2) above are always pumped, and the wastewater described in Item (3) above is pumped on an intermittent, as-needed basis, to one of two 30,000-gallon capacity treatment tanks for neutralization before discharge. A process monitor controls the discharge from these tanks, recirculating the tank contents until the pH is within preset limits, then allowing the diversion of the treated water through disposable filter cartridges to the common discharge header (to Outfall 001). If the process monitor senses an unacceptable shift in pH during discharge, the wastewater is diverted back to the tanks for further treatment. Neutralization, filtration, and other treatments may be provided by a contracted service or with temporary equipment for special projects, with treated effluent discharged to the cooling tower flume or directly to the common discharge header. Solids removed during wastewater treatment are sent for approved off-site disposal.

With further regard to the wastewaters described in Items (1) and (2), polishing is necessary for well water used in the plant and the auxiliary boiler. Polishing is accomplished through reverse osmosis and ion-exchange systems. auxiliary boiler is brought in by a contractor every 18 months or so when the reactor has been inactive and needs to be restarted. Boiler blowdown is routed to the non-radioactive, low-volume wastewater treatment system and Outfall 002. Approximately twice per year, the ion-exchange system is restored, and the resulting ion-exchange resin backwash and regeneration wastes are routed to the non-radioactive, low-volume wastewater treatment system and Outfall 002. During polishing of the makeup water, a reverse osmosis reject stream is This wastewater is currently intermittently routed to the nonproduced. radioactive, low-volume wastewater treatment system and Outfall 002. By this application, Entergy is requesting authorization to reroute the reverse osmosis reject (ROR) from Outfall 002 to Outfall 006. The reverse osmosis reject water is intermittently produced, at 25 gpm during operation (24-hour period for three days, every two weeks); this results in a long-term average flow rate of 7,714 gallons per day (gpd). In order to facilitate process operation, Entergy wishes to reroute this wastewater from Outfall 002 to Outfall 006. Entergy believes that routing this concentrated well water back into the environment without treatment will have no adverse effects on the environment. Effluent characterization data are presented on Form 2C (as Outfall ROR).

In a separate treatment system, low-level radioactive wastewater from the steam condenser system, reactor water cleanup system, and fuel pool system demineralizers' backwash, as well as solid radioactive waste dewatering, floor and lab drains, equipment washing/draining, and personnel decontamination [Item (5) above] is collected in one of nine 25,000-gallon holding tanks for filtration and/or demineralization. Treated water collects in one of four 19,500-gallon recovery tanks for monitoring of boiler water quality and radioactivity. The station recycles this water whenever demineralization achieves boiler water quality and sufficient tankage exists. Otherwise, the treated wastewater is metered to the common discharge header (to Outfall 001) at a rate ensuring

compliance with 10 CFR Part 20 and 10 CFR Part 50 - Appendix I standards. When this treated wastewater must be discharged, the tank is sampled during recirculation to verify that all parameters are within permit limits. If the wastewater is not within permit limits, the tank is reprocessed for permit compliance prior to discharge. The ion-exchange resins used in these demineralization processes are replaced instead of regenerated. The station disposes of these resins and other solids removed during the treatment of these low-volume wastes in accordance with NRC, U.S. EPA, U.S. Department of Transportation (DOT), and applicable state requirements.

Permit compliance monitoring is performed on these two treated effluent streams before they are released to the river via the common discharge header (to Outfall 001). The results of each are combined (flow-weighted) for reporting as Outfall 002.

Outfall 102

This outfall discharges the treated metal cleaning wastewater [listed also as Item (3) under Outfall 002 above]. This wastewater is discharged on an intermittent basis only. The cleaning and passivation stages use specialized chemicals designed to remove scale and corrosion products from iron, copper, zinc, and nickel surfaces. The cleaning/passivation stages are usually followed by a rinse with fresh or demineralized water. Treatment for this wash and rinse water typically consists of contracted services that may include biodegradation, precipitation of dissolved metals, filtration, and neutralization. If the quality of the treated water is suitable, it is chlorinated and recycled to the cooling tower makeup water system. Permit compliance monitoring is performed before the wastewater is recycled or discharged. If recycling is not available, compliance monitoring is performed as the treated water is conveyed to the non-radioactive, low-volume wastewater treatment system (Outfall 002) or pumped directly to the common discharge header (Outfall 001). This batch treatment may yield 100,000 gallons of treated water per day, discharged at up to 400 gpm. This discharge occurs very infrequently. This wastewater has only been discharged once since the River Bend Station became operational, and this was during a three-month period in 1992.

Outfall 003

This outfall discharges the non-radioactive floor drain wastewater and transformer yard wastewater/stormwater. Three oil/water separators discharge through the storm drain system to Outfall 003, then to Outfall 006, then to the East Creek, and then to Grant's Bayou which ultimately discharges to the Mississippi River. Two of the oil/water separators receive intermittent fire suppression water (from sprinklers) and stormwater runoff from within the River Bend Station electric power distribution transformer yards. The third oil/water separator receives wastewater from floor drains within power plant buildings not associated with the nuclear reactor, and therefore having no potential for radioactive contamination.

These non-radioactive floor drain wastewaters consist of well water, fire suppression water, and domestic (potable) water.

During the refueling outage beginning in March 1992, the plant's cooling water system was modified to isolate the service water system from the condenser cooling system. To prevent this chemically treated service water from entering the storm drain system, these non-radiologically-contaminated floor drains have been isolated from the yard drain system. These floor drains were rerouted to the sanitary waste treatment system.

Outfall 004

The wastewater discharged via this outfall is the treated sanitary wastewater from facilities throughout the River Bend Station. The existing sewage treatment plant and Outfall 004 currently discharge via Outfall 001 to the Mississippi River. A new sewage treatment plant is under construction. When it becomes operational, the location of Outfall 004 will change as shown on Figure 2. Construction is anticipated to be completed by late 1995. The following discussion addresses the design and operation of the new sewage treatment plant. Treatment consists of two parallel systems, one for the sanitary discharge from the power plant, and another system for all other sanitary discharges from the River Bend Station. No personnel decon water is allowed to the sanitary system from "radiologicallyactive" portions of the power plant. Both treatment systems are comprised of an aerated lagoon followed by a sedimentation pond and a rock filter basin. Influent wastewater passes through a bar screen prior to entering the aerated lagoons. Undesirable microbial activity within the sedimentation pond will be removed by the rock filter basin. The design life for the sedimentation ponds and rock filter basins is 20 years. Effluent from both systems drains by gravity to lift stations, where it is pumped to a common sand filter. Treated effluent drains by gravity through the sand filter and through an ultraviolet disinfection unit immediately prior to monitoring for permit compliance. The treated effluent is pumped to a sump that is normally pumped to the common discharge header. There, the effluent is combined with cooling tower blowdown and other monitored outfalls for discharge via final Outfall 001 to the Mississippi River. During infrequent maintenance activities on the common discharge header, the treated sanitary effluent will temporarily be routed to Grant's Bayou via Outfall 005. Solids removed by sedimentation and tertiary filtration are sent for approved off-site disposal.

As described above, the plant's cooling water system was modified in March 1992 to isolate the service water system from the condenser cooling system. This isolated service water system contains a biocide as part of its chemical treatment. To prevent this chemically treated service water from entering the storm drain systems, these non-radiologically-contaminated floor drains, including one oil/water separator, were isolated from the yard drain system. These floor drains were rerouted to the sanitary waste treatment system (and will continue to be routed to the new sewage treatment plant), and as discussed above the effluent

from the sanitary waste treatment system was rerouted from Grant's Bayou to the Mississippi River via the cooling tower blowdown common header (and Outfall 001).

Outfall 005

Outfall 005 discharges stormwater runoff from the industrial materials storage area and the Low Level Waste Storage Building area to Grant's Bayou as shown on Figure 2. As discussed above for Outfall 004, a new sewage treatment plant is under construction. Stormwater from the 3.3-acre area surrounding the new sewage treatment plant will be discharged through Outfall 005. Outfall 004, normally discharged to the Mississippi River, will be diverted to Outfall 005 during scheduled maintenance of the common discharge header/valves. Therefore, Entergy requests that Outfall 005 specifically be authorized by the renewal permit for (1) this additional source of stormwater and (2) the infrequent and temporary discharge of treated sanitary effluent.

Outfall 006

Outfall 006 includes the discharge of the drainage conveyances from the east side of the River Bend Station to the East Creek and then to Grant's Bayou as shown on Figure 2. It consists of stormwater from a significant portion of the power station; de minimis quantities of cooling tower drift/mist; condensate from oilfree, electric-driven and backup diesel air compressors; reverse osmosis reject (requested in this permit application); discharge from Outfall 003; and a portion of the discharge from Outfall 008. The station building roof and yard drain systems direct drainage to a ditch called East Creek, which receives stormwater runoff from the site.

A relatively new source to Outfall 006 is condensate from recently installed air compressors associated with the Instrument Air/Service Air Systems. Six of the compressors are electric and oil-free and will operate continuously. There are two backup compressors which will operate only when the main units are out of service: one electric, oil-free compressor and one diesel-driven air compressor. The two backup compressors will also be tested weekly. It is estimated that flow from condensate drains for these systems will be approximately 16 gpm (to Outfall 006) when operating. Entergy notified the U.S. EPA and the LDEQ of this discharge in letters dated February 14, 1995 and May 16, 1995. The LDEQ responded with an August 10, 1995 letter of no objection regarding this discharge through Outfall 006. Entergy requests that the renewal permit specifically authorize the discharge of air compressor condensate through Outfall 006.

As discussed previously, Entergy requests specific authorization to reroute reverse osmosis reject water from Outfall 002 to Outfall 006. Effluent characterization data are presented on Form 2C (as Outfall ROR).

Outfall 007

Outfall 007 includes the discharge of the drainage conveyances from the west and north sides of the plant to West Creek and then to Grant's Bayou as shown on Figure 2. It consists of stormwater from the west and north sides of the plant and a portion of the discharge from Outfall 008. A network of small ditches from office areas, warehouse areas, materials storage areas, and equipment and vehicle maintenance areas (including de minimis quantities of domestic water vehicle rinsate) connect to a drainage ditch called West Creek which receives stormwater runoff from these areas of the site.

Outfall 008

The discharges designated and monitored as Outfall 008 result from the hydrostatic testing and flushing of piping systems and vessels, including periodic required flushing and testing of the Fire Protection Water Supply System and the Automatic Sprinkler System. Wastewater from hydrostatic testing and flushing activities is usually conveyed from the power plant and support areas by hoses or temporary piping to yard drains or ditches for discharge to either East Creek (via Outfall 006) or West Creek (via Outfall 007) and then to Grant's Bayou. Some of these activities may also direct wastewater to the sanitary waste treatment system (to Outfall 004) via non-radiologically-contaminated plant floor drains or to the cooling tower flume for discharge to the river (via Outfall 001). Flushing and hydrostatic testing is usually performed with well water. Occasionally, demineralized water may be used, which, upon standing in storage, absorbs carbon dioxide resulting in pH levels sometimes as low as 5.6 standard units.

Outfall 009

While this stormwater outfall is currently addressed and authorized in NPDES permit number LA0042731 for the River Bend Station, it is a proposed new outfall for LWDPS permit number WP 0409. This outfall is the stormwater discharge from part of the cooling tower yard to Grant's Bayou on the extreme eastern side of the power station as shown on Figure 2. Stormwater runoff and de minimis quantities of cooling tower drift/mist drains by gravity from the cooling tower area eastward to Grant's Bayou via Outfall 009.

3.2 Ancillary Water Systems

The cooling water treatment program to minimize scaling, biofouling, and corrosion of plant metallurgy consists of the following:

Cooling Tower Water

The following may be added to the river water intake pumps/piping and clarifiers providing cooling tower makeup for condenser cooling and service water cooling:

 Cationic coagulant, occasionally supplemented with anionic flocculent during periods of low river water turbidity, may be added to river water

- clarifiers for silt and colloid removal. Control of pH may be undertaken subsequently to enhance this process.
- Clarifier clearwells may be shock chlorinated with sodium hypochlorite and possibly sodium bromide for control of algae and macrofouling agents such as the zebra mussel, *Dreissena polymorpha*.
- Clarifier sludge is diluted with river water to approximately 4% solids and returned to the Mississippi River.
- Sodium hypochlorite and possibly sodium bromide may be injected intermittently, or continuously at lower levels, into the river water intake at the river to control infestation of the intake pipeline by the zebra mussel. Alternatively, a non-oxidizing biocide, such as a quaternary amine, may be added occasionally to the river water intake at the river to control infestation by zebra mussels. This occasional use of the non-oxidizing biocide is planned to occur on a 3- or 4-day per year basis, depending on the entrainment of the zebra mussel larvae. This infrequent use of non-oxidizing biocide in the river water intake system is strictly for the protection of the buried pipeline to the intake water clarifiers. Its use is not expected to produce a detectable biocide residual in the cooling tower water or in cooling tower blowdown that is ultimately discharged via Outfall 001.

The following may be added to the cooling towers/flumes:

- Zinc salts, and/or phosphate salts, blended with an anionic copolymer, and/or terpolymers may be added for mild corrosion control of steel structures (piping, vessels, etc.).
- Tolyltriazole salts may be added for copper and brass corrosion control.
- A polyacrylate polymer/hydroxyethylidene diphosphonate (HEDP) blend may be a 'ded for scaling control.
- Sodium hypochlorite and possibly sodium bromide/surfactant blend may be added for biofouling control.
- Sulfuric acid may be added for pH control.
- The cooling tower system operation normally results in 4 to 6 cycles of concentration. The cooling tower blowdown is dechlorinated with ammonium (or sodium) bisulfite as needed before discharge to the river.

Isolated Service and Standby Cooling Water

The isolated service water is made up with demineralized water to which may be added molybdate, nitrite, and tolyltriazole sodium salts for corrosion control, polyacrylate dispersant for scaling control, sodium hydroxide for pH control, very low levels of an antifoaming agent, and a broad spectrum biocide such as isothiazoline, glutaraldehyde, or dibromonitrilopropionamide.

The standby cooling water is a reservoir of 6.5 million gallons made up from fresh well water and a multicell induced draft cooling tower to which may be added sodium hypochlorite and possibly sodium bromide/surfactant, hydrogen peroxide, and/or a broad spectrum biocide such as isothiazoline, glutaraldehyde, or dibromonitrilopropionamide for biological control. This system provides backup emergency cooling of nuclear safety related systems in the event that normal cooling becomes unavailable. During refueling outages, at 18-month intervals, this standby cooling tower is operated for several weeks with the isolated service water while the normal systems undergo maintenance. The water treatment chemicals listed above for the isolated service water system are added to the reservoir to maintain the corrosion and biological control attributes of the isolated service water. Cooling tower reservoir water level and water quality are controlled by feed-and-bleed with fresh well water, with the reject water discharged via Outfall 002.

Auxiliary Boiler Water

The following may be used for auxiliary boiler makeup: zeolite softeners for demineralization, sodium sulfite or hydrazine for oxygen removal, phosphate salts for scaling control, and sodium hydroxide for pH control.

Fire Suppression Water

The following may be used for protection of the fire suppression water system: sodium hypochlorite and possibly sodium bromide or a biodegradable biocide for biofouling control, sodium hydroxide for pH control, and phosphate or molybdate/nitrite salts for corrosion control.

With the exception of the zinc salts noted above, no chemicals which contain any of the priority pollutants listed in 40 CFR Part 423, Appendix A, are used for treatment of cooling water or service waters discharged to the environment.

4.0 STORMWATER DRAINAGE, MANAGEMENT, AND DISCHARGE

In accordance with the requirements of the revised NPDES stormwater discharge permit application regulations under 40 CFR §122.26, Entergy is presenting the following discussion on stormwater management at the River Bend Station. This discussion is presented in conjunction with the information required in connection with and provided on U.S. EPA Form 2F (Appendix C) as it relates to the currently permitted NPDES

stormwater Outfalls 003, 005, 006, 007, and 009 which discharge stormwater associated with industrial activity from the site. The drainage areas for these stormwater outfalls are described in Section 3.0. The quantitative analytical data characterizing the stormwater discharged through the stormwater outfalls are presented on Form 2F. Other nonanalytical information required by Form 2F is provided below for stormwater discharged through, and the drainage areas served by, the stormwater outfalls at the site.

Stormwater runoff at the Entergy site from all areas associated with industrial activity (as defined by 40 CFR §122.26) is discharged through Outfalls 003, 005, 006, 007, and 009. Stormwater runoff at the site from areas which are not associated with industrial activity discharges from the site by either sheet flow or point sources which do not require permitting under 40 CFR §122.26. Figure 2 depicts features at the Entergy site pertinent to stormwater. This figure illustrates the areas from which stormwater drains into the outfalls, direction of stormwater flow to these outfalls, intake and discharge structures, and structural control measures designed to reduce pollutants in stormwater. Also, Figure 4 shows surface types in the areas drained by the outfalls (i.e., impervious versus non-impervious). Hazardous waste storage units and areas where significant materials that are potentially exposed to stormwater are handled or stored are shown on Figure 2. Table 2 is an inventory of the significant materials storage/unloading areas and lists the containment associated with each area. Table 3 is an inventory of significant materials within oil storage areas; most of these areas are not shown on Figure 2 because they are located inside of buildings and thus have no potential to impact stormwater. The transformers listed in Table 3 are also not shown on Figure 2 because they are too numerous.

Structural controls used to minimize the potential for stormwater contamination include containment dikes/berms around the toxic or hazardous materials handling areas, tanks, and the hazardous/nonhazardous waste storage areas. Sloping and grading of roads and lands are used to direct stormwater runoff to a storm drain where appropriate. The storm drain system of pipes and ditches provides a mechanism to contain and control runoff, facilitating the effective use of countermeasure plans in spill control.

Nonstructural measures employed at the site which aid in the management of stormwater include:

- Stormwater Pollution Prevention Plan,
- Spill Prevention Control and Countermeasure Plan,
- Hazardous Waste Management Plan
- Environmental Inspections,
- Plant Emergency Response Plan,
- Employee Safety Training Programs, and
- Equipment Preventive Maintenance Programs.

These programs have definite schedules which encourage awareness of the importance of the program and require equipment operational tests and repairs which assist in minimizing the potential for contaminant releases.

Entergy has no hazardous waste treatment or disposal units. Hazardous waste storage units are shown on Figure 2 and include a Hazardous Waste Storage Building (with a concrete berm inside) which is utilized for the purpose of 90-day or less accumulation of drums of hazardous wastes prior to their shipment for off-site disposal. Hazardous wastes stored in this area include paint waste, paint thinner, fuel operation waste, photographic waste, and waste varsol. The shop area has an outside, but under roof, hazardous waste satellite storage area for paints and solvents within concrete containment. Because the River Bend Station is a nuclear fuel electric power generation plant, very little process hazardous waste is generated. Most hazardous waste is generated from construction, maintenance, and other support activities. Radioactive hazardous waste is generated inside the power plant and is thus contained within the confines of the radiologically-controlled area.

The River Bend Station employs numerous operational practices to avoid and/or contain all potential releases of significant materials. Significant materials used in the process areas are stored or handled such that they will not impact stormwater runoff. All roads at the site are used for the transport of significant materials. Loading and unloading areas are shown on Figure 2.

Entergy uses herbicides such as Roundup® at the River Bend Station in limestone areas, landscape areas, and parking lots. Previous typical usage of Roundup® was approximately three gallons per year. Herbicides are only used in areas which, if exposed to stormwater, are within the drainage of permitted outfalls. *De minimis* quantities of fertilizers, soil conditioners, and insecticides may be used in plant areas which, if exposed to stormwater, are within the drainage of permitted outfalls.

Significant leaks or spills of toxic or hazardous substances at the site during the last three years are required to be reported in accordance with 40 CFR §122.26(c)(1)(i)(D). "Significant spills" are defined as the release within a 24-hour period of toxic or hazardous substances in excess of reportable quantities under Section 311 of the Clean Water Act and/or Section 102 of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA). Reportable Quantities are predefined amounts of substances as listed in 40 CFR Part 117 and 40 CFR Part 302. There have been two reportable spills/leaks at the Entergy River Bend Station in the last three years, and both had minimal potential to be exposed to precipitation or the potential to drain to a stormwater conveyance. On October 20, 1992, a spill involved 70 gallons of sodium hypochlorite (15.0%), and on March 10, 1993, a spill involved 500 gallons of sodium hypochlorite (12.0%). Both releases involved sodium hypochlorite which was spilled within the concrete berm of a tank in the Water Chemical Addition Area. The spilled material was recovered for normal usage.

5.0 WASTEWATER AND STORMWATER SAMPLING AND ANALYTICAL CONSIDERATIONS

In accordance with the requirements of U.S. EPA Application Forms 2C and 2F, wastewater effluent analytical data were obtained for each outfall discharge. Representative wastewater and stormwater samples from all of the permitted outfalls were collected as required by NPDES regulations at 40 CFR §122.21 and 40 CFR §122.26.

Effluent characterization data are presented on Form 2C for non-stormwater outfalls or for non-stormwater components of an outfall (for those which discharge a combination of stormwater and non-stormwater sources). Flow rate data obtained from Discharge Monitoring Reports (DMRs) for the period February 1993 through January 1995 and analytical data for the period February 1994 through January 1995 for those parameters that are required to be monitored at the outfalls have been included on Form 2C, Part V. Because Outfall 102 has not discharged in recent years, it could not be sampled for this permit application. Instead, historical analytical data for Outfall 102 are summarized on Table 4. Sampling activities were conducted at the other non-stormwater outfalls for the permit application as follows.

For Outfall 001 (process wastewater), a 24-hour sampling event was conducted on June 22 through 23, 1995 in order to obtain the required analytical data. Because this outfall discharges continuously, a 24-hour flow-weighted composite sample was collected for all analyses, except for those pollutants (oil and grease, pH, temperature, fecal coliform, total phenols, cyanide, and total residual chlorine) which require grab samples as specified at 40 CFR §122.21(g)(7). During the June 22 through 23, 1995 sampling period, four discrete volatile organic compound (VOC) sample aliquots were manually collected; these aliquots were combined in equal volumes by the analyst in the laboratory immediately before analysis to prepare a single composite sample. A grab sample was collected at Outfall 001 on June 28, 1995 for fecal coliform analysis. A 24-hour composite flow-weighted sample was collected at Outfall 001 on August 28 through 29, 1995 for polychlorinated biphenyls (PCBs) analyses.

Outfall 002 (process wastewater) was sampled by obtaining separate grab samples from the two low-volume wastewater treatment systems. Twenty-four-hour composite samples were not collected because both sources are intermittent, not continuous, discharges. The sample at the low-volume waste treatment system (no low-level radioactivity contribution sources) will be hereafter referred to as Outfall 002A, and the other sample at the low-level radioactive, low-volume waste treatment system will be referred to as Outfall 002B. Grab samples were collected on June 21, 1995 at Outfall 002B and on June 22, 1995 at Outfall 002A, and analyzed separately. The results of the two samples were flow-weighted and combined to characterize the combined wastewater discharged through Outfall 002. Outfall 002A was resampled on August 29, 1995 for mercury analysis.

For Outfall 003 (nonprocess wastewater), the intermittent, dry-weather discharge from the oil/water separator which receives wastewater from non-radiologically contaminated power plant floor drains (consisting of well water, fire suppression water, and domestic potable water) was sampled on June 22, 1995. Only grab samples were collected

because this source to Outfall 003 is an intermittent, not continuous, discharge. A sample was collected on June 28, 1995 for fecal coliform analysis. Because this outfall consists of two other stormwater sources, DMR data were not included on the Form 2C (which represents only the non-stormwater component); instead, a DMR summary is presented on Table 5 (representing all three sources to the outfall).

For Outfall 004 (nonprocess and sanitary wastewater), a 24-hour sampling event was conducted on June 21 through 22, 1995 in order to obtain the required analytical data. Because this outfall discharges continuously, a 24-hour flow-weighted composite sample was collected for all analyses, except for those pollutants which require grab samples as specified at 40 CFR §122.21(g)(7). During the June 21 through 22, 1995 sampling period, four discrete VOC sample aliquots were manually collected; these aliquots were equally combined by the analyst in the laboratory immediately before analysis to prepare a single composite sample. A grab sample was collected on June 28, 1995 for fecal coliform analysis.

Outfall 008 (nonprocess wastewater) was sampled on June 22, 1995. Only grab samples were collected because this is an intermittent, not continuous, discharge.

The reverse osmosis reject source (referred to as Outfall ROR on the Form 2C) to Outfall 002 (which is being requested for rerouting to Outfall 006) was sampled on June 22, 1995. Only grab samples were collected because this is an intermittent, not continuous, discharge.

Effluent characterization data are presented on Form 2F for stormwater outfalls or for stormwater components of an outfall's discharge (for those which discharge a combination of stormwater and non-stormwater sources). Flow rate data obtained from DMRs for the period February 1993 through January 1995 and analytical data for the period February 1994 through January 1995 for those parameters that are required to be monitored at the outfalls are summarized in Tables 5 through 9. Sampling activities were conducted at the stormwater outfalls for the permit application as follows.

First-flush and composite samples for Outfalls 003, 005, 006, 007, and 009 were collected during a storm event on July 5, 1995 which had a total rainfall of 0.32 inch and a duration of approximately four hours. The previous rainfall event with at least 0.1 inch of rainfall occurred on July 1, 1995. Form 2F includes flow data for the discharge of stormwater through the outfalls during the sampling event and the areas which contribute to the total drainage area of the outfalls.

Outfall 003 has two stormwater sources from oil/separators associated with the transformer yards (auxiliary and main). Stormwater samples were collected at only one of the stormwater oil/separators (the auxiliary), because it has been determined that the two oil/water separators discharge stormwater which is "substantially identical" [as allowed at 40 CFR §122.21(g)(7)].

6.0 SUMMARY OF FRIOR BIOMONITORING REQUIREMENTS AND RESULTS

As required by 40 CFR §122.21(g)(11), information on biological toxicity tests conducted within the last three years on Entergy's discharges is included in this permit renewal application.

Entergy performed toxicity tests during three molluscicide treatments of the Mississippi River intake water during the previous three-year period. A chronic elutriate toxicity test using Ceriodaphnia dubia and a chronic 10-day static, solid-phase, sediment toxicity test using Hyalella azteca were conducted on samples of sediment from the intake water clarifier collected prior to and during the first two moliuscicide applications, January 6 and November 10, 1994. Acute 48-hour static-renewal toxicity tests using Daphnia pulex and Pimephales promelas was conducted on Outfall 001 effluent collected August 17, 1995. Each molluscicide application consisted of an approximate 8-hour period in which the non-oxidizing Calgon molluscicide H130M or Betz molluscicide CT-2 was injected into the Mississippi River water intake system. In the first two applications, samples of clarifier sediment were collected one day prior to molluscicide application (untreated sample) and during application (treated sample). During the third molluscicide application only Outfall 001 effluent, containing clarifier blowdown, was collected for toxicity testing.

The chronic elutriate toxicity tests were conducted with three elutriate concentrations (25%, 50% and 100%) and two control treatments (a sediment control and a water only control). Reconstituted moderately hard water was used as the dilution and control water. The chronic 10-day static, solid-phase sediment toxicity tests consisted of one treatment and a control with the overlying water consisting of reconstituted moderately hard water. The 48-hour acute static-renewal toxicity tests consisted of five effluent dilutions (0.2%, 0.3%, 0.4%, 0.6% and 0.8% effluent) in addition to two control treatments (laboratory and dilution water control). Dilution water consisted of Mississippi River water.

No Observed Effect Concentration (NOEC) values were calculated for the Ceriodaphnia dubia chronic elutriate toxicity tests and the Daphnia pulex and Pimephales promelas acute toxicity tests. NOEC values are the highest concentration of effluent or elutriate to which organisms are exposed which causes no statistically significant adverse effect on organism survival or reproduction in comparison with the control (0% effluent, 0% elutriate). In the Hyalella azieca solid-phase toxicity tests, percent survival and growth, as measured as average dry weight, were compared to the control for significant differences.

Test results from the clarifier sediment toxicity tests are presented in Table 10. Ceriodaphnia dubia survival in the January 6 and November 10, 1994 tests and reproduction in the November 10, 1994 tests were not significantly different from the control in either the untreated or treated clarifier sediment tests. Reproductive effects in the January 6, 1994 tests could not be determined due to the poor performance in the control treatment.

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Hyalella azieca survival in the January 6 and November 10, 1994 tests and growth in the January 6, 1994 tests were not significantly different from the control in either the untreated or treated clarifier sedime at tests. Growth was significantly different from the control in the untreated and treated tests conducted November 10, 1994.

In a letter to Entergy dated May 23, 1995 (see Appendix D), the LDEQ stated that 48-hour acute toxicity testing would be sufficient to monitor effluent quality during molluscicide application. A molluscicide application event was conducted on August 17, 1995, and acute toxicity test results are presented in Table 10. The acute 48-hour survival NOEC value for both the *Daphnia pulex* and *Pimephales promelas* test species was 0.8% effluent, which was the highest effluent dilution required to be tested.

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TABLES

TABLE 1

ENTERGY RIVER BEND STATION INVENTORY OF WATER WELLS IN THE VICINITY OF THE SITE

Well Number (1)	Owner	Latitude Longitude	Well Depth (2)	Well Use
68	Ed Daniels	30°45°50" 91°18°58"	483	Domestic
69	Ed Daniels	30°45'50" 91°18'59"	168	Domestic (3)
82	J.E. Poche Jr.	30°46'02" 91°19'17"	510	Domestic
84	Ricks	30°46'12" 91°20'34"	180	Domestic
85	Adda Markie	30°45'37" 91°20'40"	103	Domestic (3)
87	Murphy Dreher	30°46'14* 91°19'28*	497	Industrial
91	H. Dariel	30°46'08" 91°19'07"	485	Domestic
241	J. Rogers	30°46'13" 91°20'35"	161	Domestic
246	Entergy River Bend Station	30°45'18" 91°19'52"	1,821	Power Generation
256	Entergy River Bend Station	30°45'19" 91°19'50"	124	Fire Protection
257	Entergy River Bend Station	30°45'19" 91°19'46"	1,815	Power Generation
266	Entergy River Bend Station	30°45'40" 91°20'11"	500	Industrial

⁽i) Well number assigned in LDOTD database.

Depth of the well, in feet, measured from the bottom of the screen to the ground surface.

Although this well is listed as abandoned, it is included herein because it was not listed as closed, and may therefore be used again in the future.

TABLE 2

ENTERGY RIVER BEND STATION INVENTORY OF SIGNIFICANT MATERIALS IN STORAGE AND UNLGADING AREAS

Item No. (1)	Description	Volume	Containment
1	Standby Cooling Tower Hypochlorite Tank	1,000 gal	Concrete Curb, Drains to Cooling Tower
1	Standby Cooling Tower Hypochlorite Unloading	Unloading	Curbed Concrete Pad
2 (2)	Emergency Diesel Generator Fuel Unloading	Unloading	Curbed Concrete Pad
3	CWS Treatment Chemicals Tanks - TTA (Nalco 9237) - HEDP (Nalco 1345) - Zinc Chloride (Nalco 1360) - Sodium Bromide (Nalco 1338) - Sodium Hypochlorite	3,000 gal. 6,400 gal. 6,400 gal. 6,000 gal. 6,000 gal.	Concrete Floor & Wall Concrete Floor & Wall Concrete Floor & Wall Concrete Floor & Wall Concrete Floor & Wall
3	CWS Treatment Chemicals Unloading	Unloading	Curbed Concrete Pad
4	Hypochlorite Tank	22,000 gal.	Concrete Floor & Walls
4	Hypochlorite Unloading	Unloading	Curbed Concrete Pad
5	WTA Sulfuric Acid Tanks (Two)	42,000 gal. ea.	Concrete Floor & Walls
5	WTA Acid Unloading	Unloading	Curbed Concrete Pads
6	Ammonium Bisulfite	4,000 gal.	Concrete Floor & Walls
6	Ammonium Bisulfite Unloading	Unloading	Curbed Concrete Pad
7	Fire Pump Diesel Fuel Unloading	Unloading	Concrete Curbed with Earthen Floor
8 (3)	Diesel Fuel Trailer Parking	2,750 gal. (Largest Compartment)	Concrete Curb & Sump
9	Hazardous/Non-hazardous/Oil Waste Storage & Unloading	Drums	Curbed Concrete Floor & Walls
10	Paint Shop Drum Storage & Unloading	Drums	Curbed Concrete Floor
11 (4)	Main Warehouse Drum Storage & Unloading	Drums	Concrete Floor, Walls &
12 (5)	Gasoline/Diesel Storage (Two)	6,000 gal. each	Concrete Floor & Walls
12 (5)	Gasoline and Diesel Storage Unloading	Unloading	Curbed Concrete Pad
13	Main Warehouse Hazardous Materials Storage Building & Unloading	Drums	Curbed Concrete Floor, Walls & Sump
14	Outside Oil Drum Storage Building & Unloading	Drums	Curbed Concrete Floor, Walls & Sump

TABLE 2

ENTERGY RIVER BEND STATION INVENTORY OF SIGNIFICANT MATERIALS IN STORAGE AND UNLOADING AREAS

(Continued)

Item No. (1)	Description	Volume	Containment
15	Turbine Building Oil Storage and Unloading	Drums	Curbed Concrete Floor & Walls
16	Service Water Storage & Unloading (Three)	1,000,000 gal. each	Concrete floor, Walls & Lined Earthen Berm
17	Main Warehouse Paint/Flammables Storage	Drums/Containers	Curbed Concrete Floor, Walls & Sump
18	SWP Treatment Chemicals Tanks - Sodium Molybdate (Nalco 7357)(Two) - Sodium Hydroxide & TTA (Nalco 1336) - Glutaraldehyde (Nalco 7338) - Isothiazoline (NALCO 7330)(Two) - Sodium Hydroxide (NALCO 8073) - Sodium Nitrite Solution - Polyquarternary Amine (NALCO 8103)	400 gal. each 400 gal. 1,000 gal. 400 gal. each 400 gal. 400 gal. 5,000 gal.	Concrete Floor & Walis
19 (6)	Field Administrative Diesel Generator Fuel Tank	200 gal.	None
20 (7)	Drummed Oil	150 gal. (varies)	Secondary Containment

- (1) Item numbers correspond to those shown on Figure 2.
- Additional information is presented for this item on Table 3 (corresponds to Item 21 on Table 3).
- Additional information is presented for this item on Table 3 (corresponds to Item 5 on Table 3).
- Additional information is presented for this item on Table 3 (corresponds to Item 6 on Table 3).
- Additional information is presented for this item on Table 3 (corresponds to Items 3 and 4 on Table 3).
- Additional information is presented for this item on Table 3 (corresponds to Item 22 on Table 3).
- Additional information is presented for this item on Table 3 (corresponds to Item 24 on Table 3).

TABLE 3

ENTERGY RIVER BEND STATION INVENTORY OF SIGNIFICANT MATERIALS IN OIL STORAGE AREAS

	Description	Volume (Gallons)	Drainage	Containment
1.	Fire Protection Diesel Fuel Tank "IA" - Fire Protection Pump House	300	Through oil water separator #2 into East Creek	Inside a building
2.	Fire Protection Diesel Fuel Tank "1B" - Fire Protection Pump House	300	Through oil water separator #2 into East Creek	Inside a building
3.0	Vehicle Gasoline Fuel Tank - Vehicle Maintenance Shop	6,000	On ground into West Creek	Covered by a roof
4.(1)	Vehicle Diesel Fuel Tank - Vehicle Maintenance Shop	6,000	On ground into West Creek	Covered by a roof
5.12	Auxiliary Diesel Fuel Tanker - Southwest of the Hazardous Waste Yard	6,500	On ground into West Creek	Yes
6.0	Drummed Oil - Warehouse Oil Storage Building	11,500 (varies)	On ground into West Creek	Covered by a roof
7.	Drummed Used Oil - Hazardous Waste Yard	Varies	On ground into West Creek	Inside a building
8.	Drummed EHC Fluid - Hazardous Waste Yard	Varies	On ground into West Creek	Inside a building
9.	Lube Oil Containers/Drums - Lube Oil Storage Facility	1,600 (varies)	Into a sump and then drummed for off-site disposal	Inside a building
10.	Lube Oil Containers - Turbine Lube Oil Storage Facility	1,440 (varies)	Into a sump and then drummed for radwaste processing	Inside a building
11.	Drummed Used Oil - Turbine Lube Oil Storage Facility	990 (varies)	Into a sump and then drummed for radwaste processing	Inside an underground vault
12.	Standby Diesel Generator Division I Fuel Tank - Diesel Generator Building	50,000	Through oil water separator #1 into sewage treatment plant	Inside an underground vault
13.	Standby Diesel Generator Division II Fuel Tank - Diesel Generator Building	50,000	Through oil water separator #1 into sewage treatment plant	Inside an underground vault
14.	HPCS Diesel Generator Division III Fuel Tank - Diesel Generator Building	50,000	Through oil water separator #1 into sewage treatment plant	Inside an underground vault

TABLE 3

ENTERGY RIVER BEND STATION INVENTORY OF SIGNIFICANT MATERIALS IN OIL STORAGE AREAS (page 2 of 4)

	Description	Volume (Gallons)	Drainage	Containment
15.	Standby Diesel Generator Division I Fuel Oil Day Tank - Diesel Generator Building	535	Through oil water separator #1 into sewage treatment plant	Inside a building
16.	Standby Diesel Generator Division II Fuel Oil Day Tank - Diesel Generator Building	535	Through oil water separator #1 into sewage treatment plant	Inside a building
	HPCS Diesel Generator Division III Fuel Oil Day Tank - Diesel Generator Building	535	Through oil water separator #1 into sewage treatment plant	Inside a building
18.	Standby Diesel Generator Division I Lube Oil Sump Tank - Diesel Generator Building	514	Through oil water separator #1 into sewage treatment plant	Inside a building
19.	Standby Diesel Generator Division II Lube Oil Sump Tank - Diesel Generator Building	514	Through oil water separator #1 into sewage treatment plant	Inside a building
20.	HPCS Diesel Generator Division III Lube Oil Sump Tank - Diesel Generator Building	514	Through oil water separator #1 into sewage treatment plant	Inside a building
21.	Station Blackout Diesel Generator Fuel Tank - North of the Diesel Generator Building	180	Through stormwater drain into East Creek	Yes
22.0	Field Administration Diesel Generator Fuel Tank - East of the Field Administration Building	200	On ground into West Creek	No
23.	Backup Air Compressor Diesel Generator Fuel Tank "C4" - Southwest of the Turbine Building	200	Through stormwater drain into East Creek	Inside a building
24."	Drummed Oil - East Side of Mechanical Maintenance Shop	150 (Varies)	Through stormwater drain into East Creek	Area covered by a
25.	Transformer 1STX-XNS1A - East Wall of Turbine Building	3,951	Through oil water separator #3 into East Creek	Yes
-	Transformer 1STX-XNS1B - East Wall of Turbine Building	3,951	Through oil water separator #3 into East Creek	Yes
STATE OF THE OWNER, WHEN	Transformer 1STX-XNS1C - East Wall of Turbine Building	3,405	Through oil water separator #3 into East Creek	Yes
28.	Transformer 1RTX-XSR1C - East Wall of Turbine Building	7,900	Through oil water separator #3 into East Creek	Yes
29.	Transformer 1RTX-XSR1E - East Wall of Turbine Building	15,300	Through oil water sepa. ator #3 into East Creek	Yes

TABLE 3

ENTERGY RIVER BEND STATION INVENTORY OF SIGNIFICANT MATERIALS IN OIL STORAGE AREAS (page 3 of 4)

Descr	iption	Volume (Gallons)	Drainage	Containment
30. Transformer 1MTX-XM1 - Ea	st Wall of Turbine Building	16,733	Through oil water separator #3 into East Creek	Yes
31. Transformer 1MTX-XM2 - Ea	st Wall of Turbine Building	16,733	Through oil water separator #3 into East Creek	Yes
32. Transformer !RTX-XSRIF - S	outhwest of the Turbine Building	15,300	Through oil water separator #4 into East Creek	Yes
 Transformer 1RTX-XSRID - S 	outhwest of the Turbine Building	7,900	Through oil water separator #4 into East Creek	Yes
 Transformer NJS-X2A - Cooli 	ng Tower A	234	Into a sump, and then on ground into East Creek	Yes
35. Transformer NJS-X2B - Coolin	ng Tower A	234	Into a sump, and then on ground into East Creek	Yes
 Transformer NJS-X2C - Cooling 	ng Tower C	234	Into a sump, and then on ground into East Creek	Yes
37. Transformer NJS-X2D - Cooli	ng Tower C	234	Into a sump, and then on ground into East Creek	Yes
38. Transformer NJS-X2E - Coolin	ng Tower B	234	Into a sump, and then on ground into East Creek	Yes
9. Transformer NJS-X2F - Coolin	ng Tower B	234	Into a sump, and then on ground into East Creek	Yes
 Transformer NJS-X2G - Cooling 	ng Tower D	234	Into a sump, and then on ground into East Creek	Yes
11. Transformer NJS-X2H - Coolin	ng Tower D	234	Into a sump, and then on ground into East Creek	Yes
12. Transformer NJS-X3A - Clarif	iers	197	Into a sump, and then on ground into East Creek	Yes
3. Transformer NJS-X3B - Clarifi	ers	197	Into a sump, and then on ground into East Creek	Yes
 Transformer NJS-X3C - Service System) 	e Water Area (Hypochlorite	200	Into a sump, and then on ground into East Creek	Yes
 Transformer NJS-X3D - Service System) 	e Water Area (Hypochlorite	200	Into a sump, and then on ground into East Creek	Yes
 Transformer NJS-X4A - Service System) 	e Water Area (Closed Loop	241	Into a sump, and then through Outfall 009 into Grant Bayou	Yes
 Transformer NJS-X4B - Servic System) 	e Water Area (Closed Loop	241	Into a sump, and then through Outfall 009 into Grant Bayou	Yes
8. Transformer RCS-X1A - West (Recirculating MG Set Room)	Wall of Fuel Building	1,260	Into a sump, and then through a stormwater drain into East Creek	Yes

TABLE 3

ENTERGY RIVER BEND STATION INVENTORY OF SIGNIFICANT MATERIALS IN OIL STORAGE AREAS (page 4 of 4)

	Description	Volume (Gallons)	Drainage	Containment
49.	Transformer RCS-X1B - West Wall of Fuel Building (Recirculating MG Set Room)	1,260	Into a sump, and then through a stormwater drain into East Creek	Yes
50.	Transformer STX-XS2A - Circulating Water House	1,490	Into a sump, and then on ground into East Creek	Yes
51.	Transformer STX-XS2B - Circulating Water House	1,490	Into a sump, and then on ground into East Creek	Yes
52.	Transformer STX-XS3A - River Intake	620	On ground into Mississippi River	Yes
53.	Transformer STX-XS3B - River Intake	620	On ground into Mississippi River	Yes
54.	Transformer STX-XS5A - Service Water Area (Closed Loop System)	1,270	Into a sump, and then through Outfall 009 into Grant Bayou	Yes
55.	Transformer STX-XS5B - Service Water Area (Closed Loop System)	1,270	Into a sump, and then through Outfall 009 into Grant Bayou	Yes
56.	Transformer STX-XGN1A - Main Transformer Yard	100	Through oil water separator #3 into East Creek	Yes
57.	Transformer STX-XGN1B - Main Transformer Yard	100	Through oil water separator #3 into East Creek	Yes
58.	Transformer STX-XGN1C - Main Transformer Yard	100	Through oil water separator #3 into East Creek	Yes
59.	Transformer STX-XGN1D - Auxiliary Transformer Yard	100	Through oil water separator #4 into East Creek	Yes

- (1) Corresponds to Item 12 on Table 2 and Figure 2.
- ⁽²⁾ Corresponds to Item 8 on Table 2 and Figure 2.
- Corresponds to Item 11 on Table 2 and Figure 2.
- (4) Corresponds to Item 2 on Table 2 and Figure 2.
- ⁽⁵⁾ Corresponds to Item 19 on Table 2 and Figure 2.
- 6 Corresponds to Item 20 on Table 2 and Figure 2.

TABLE 4 ENTERGY RIVER BEND STATION ANALYTICAL DATA SUMMARY FOR OUTFALL 102

		UNITS							
POLLUTANT	MAXIMUM DAILY VALUE		MAXIMUM 30	DAY VALUE	LONG TER	M AVERAGE			
	CONC.	MASS	CONC.	MASS	CONC.	MASS	NO. OF ANALYSES	CONC.	MASS
Flow (1)(2)	VALUE	0.014	VALUE	0.002	VALUE	0.0009	92	MGD	NA
Iron ^(h)	1.00	0.012	0.90	0.02	0.70	0.01	9	mg/L	lbs/day
Copper (3)	0.90	0.11	0.80	0.01	0.30	0.002	9	mg/L	lbs/day
Temperature (Winter)	Ambient ⁽⁴⁾	NA	Ambient ⁽⁴⁾	NA		•	0	NA	NA
Temperature (Summer)	Ambient ⁽⁴⁾	NA	Ambient ^(e)	NA			0	NA	NA
	MINIMUM	MAXIMUM	MINIMUM	MAXIMUM					4
рН	NA ⁽⁴⁾	NA ⁽⁴⁾	N/A	N/A				NA	NA

- There was no discharge at Outfall 102 during the period from February 1993 through January 1995 (the DMR summary period presented in this permit application for other outfalls at the site). Hence, all the data included in this table is incorporated from the Form 2C for Outfall 102 from Entergy's previous LWDPS permit application submitted to the LDEQ on January 24, 1992.
- All flow rate values are based on calculations from three consecutive months of intermittent discharge from this outfall during a reduced volume, process development trial period.
- (h) Masses calculated using flow values mentioned in footnote (2).
- No heat input to this discharge.

TABLE 5 ENTERGY RIVER BEND STATION DMR SUMMARY FOR FEBRUARY 1993 - JANUARY 1995 OUTFALL 003

				UNITS					
POLLUTANT	MAXIMUM DAILY VALUE		MAXIMUM 30	DAY VALUE	LONG TER	M AVERAGE			
	CONC.	MASS	CONC.	MASS	CONC.	MASS	NO, OF ANALYSES	CONC.	MASS
Total Suspended Solids (TSS)	11.2	0.55	8.6	0.42	2.2	0.08	140	mg/L	lbs/day
Oil & Grease	10.0	0.57	3.7	0.21	2.1	0.07	140	mg/L	lbs/day
Flow (1)	VALUE	0.0707	VALUE	0.0082	VALUE	0.0033	482	MGD	NA
	MINIMUM	MAXIMUM							
pH	6.36	7.58					140	S.U.	NA

The Maximum 30 Day Value and the Long Term Average Value for flow rates are calculated based on the days of discharge (days of zero discharge have not been included).

TABLE 6 ENTERGY RIVER BEND STATION DMR SUMMARY FOR FEBRUARY 1993 - JANUARY 1995 OUTFALL 005

		UNITS							
POLLUTANT	MAXIMUM DAILY VALUE		MAXIMUM 30	DAY VALUE	LONG TERM	M AVERAGE			
	CONC.	MASS	CONC.	MASS	CONC.	MASS	NO. OF ANALYSES	CONC.	MASS
Total Organic Carbon (TOC)	14.9	5.3	11.8	4.1	8.6	2.5	40	mg/L	lbs/day
Oil & Grease	4.9	1.19	2.4	1.04	1.5	0.45	40	mg/L	lbs/day
Flow (1)	VALUE	0.465	VALUE	0.057	VALUE	0.035	237	MGD	NA
	MINIMUM	MAXIMUM							
pH	7.23	8.48					40	S.U.	NA

The Maximum 30 Day Value and the Long Term Average Value for flow rates are calculated based on the days of discharge (days of zero discharge have not been included).

TABLE 7 ENTERGY RIVER BEND STATION DMR SUMMARY FOR FEBRUARY 1993 - JANUARY 1995 OUTFALL 006

		UNITS							
POLLUTANT	MAXIMUM DAILY VALUE		MAXIMUM 30	DAY VALUE	LONG TER	M AVERAGE			
	CONC.	MASS	CONC.	MASS	CONC.	MASS	NO. OF ANALYSES	CONC.	MASS
Total Organic Carbon (TOC)	13.8	58.7	10.8	49.7	6.4	14.4	43	mg/L	lbs/day
Oil & Grease	4.6	14.34	4.4	14.34	1.6	3.99	43	mg/L	lbs/day
Flow (1)	VALUE	8.055	VALUE	0.718	VALUE	0.180	444	MGD	NA
	MINIMUM	MAXIMUM							
pH	7.20	8.66			*		43	S.U.	NA

The Maximum 30 Day Value and the Long Term Average Value for flow rates are calculated based on the days of discharge (days of zero discharge have not been included).

TABLE 8 ENTERGY RIVER BEND STATION DMR SUMMARY FOR FEBRUARY 1993 - JANUARY 1995 OUTFALL 007

		EFFLUENT										
POLLUTANT	MAXIMUM	DAILY VALUE	MAXIMUM 30 DAY VALUE		LONG TERM AVERAGE							
	CONC.	MASS	CONC.	MASS	CONC.	MASS	NO. OF ANALYSES	CONC.	MASS			
Total Organic Carbon (TOC)	14.5	94.2	12.5	76.9	8.6	25.8	46	mg/L	lbs/day			
Oil & Grease	13.6	83.7	2.2	12.9	1.3	3.9	46	mg/L	lbs/day			
Flow (1)	VALUE	8.625	VALUE	0.862	VALUE	0.303	301	MGD	NA			
	MINIMUM	MAXIMUM				•						
рН	7.84	8.99					46	s.u.	NA			

NA = Not Applicable

The Maximum 30 Day Value and the Long Term Average Value for flow rates are calculated based on the days of discharge (days of zero discharge have not been included).

TABLE 9 ENTERGY RIVER BEND STATION DMR SUMMARY FOR FEBRUARY 1993 - JANUARY 1995 OUTFALL 009

		EFFLUENT										
POLLUTANT	MAXIMUM I	DAILY VALUE	MAXIMUM 30 DAY VALUE		LONG TERM AVERAGE							
	CONC.	MASS	CONC.	MASS	CONC.	MASS	NO. OF ANALYSES	CONC.	MASS			
Total Organic Carbon (TOC)	16.4	9.5	11.7	8.9	7.9	3.9	40	mg/L	lbs/day			
Oil & Grease	3.1	1.79	2.7	1.66	1.3	0.60	40	mg/L	lbs/day			
Flow (1)	VALUE	1.739	VALUE	0.176	VALUE	0.051	302	MGD	NA			
	MINIMUM	MAXIMUM										
pH	7.49	8.78					40	S.U.	NA			

NA = Not Applicable

¹¹⁾ The Maximum 30 Day Value and the Long Term Average Value for flow rates are calculated based on the days of discharge (days of zero discharge have not been included).

TABLE 10

ENTERGY RIVER BEND STATION BIOMONITORING TEST RESULTS

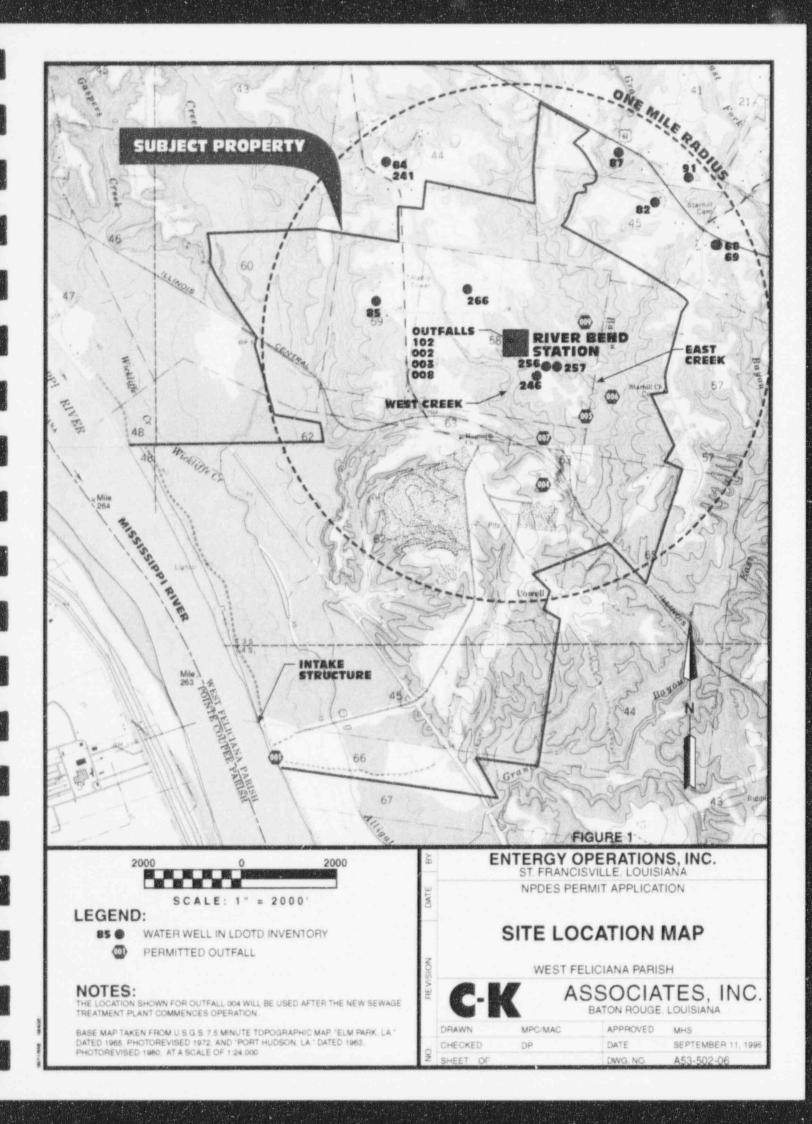
	Toxic	ity Test Res	sults from the	January 6	and Noven	nber 10, 1994	4 Molluscic	ide Applica	tions		
	Ceriodaj	ohnia dubia	Chronic Toxic	city Test	Hyalella azteca Solid-Phase Toxicity Test						
Sample	Survival NOEC		Reproducti	on NOEC	Per	cent Survival	(%)	Growth (Avg Dry Weight in mg			
Dates	Untreated	Treated	Untreated	Treated	Control	Untreated	Treated	Control	Untreated	Treated	
01/06/94	100	100	N/A 1	N/A 1	84	75	68	0.065	0.072	0.053	
11/10/94	100	100	100	100	98	80	98	0.223	0.190	0.166	

Toxi	city Test Results from the August 17	, 1995 Molluscicide Application
Sample Date	Daphnia pulex Survival NOEC	Pimephales promelas Survival NOEC
8/17/95	0.8%	0.8%

NOEC = No Observed Effect Concentration

¹ Control did not meet acceptable performance criteria for the reproduction test endpoint.

FIGURES



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APPENDICES

APPENDIX A U.S. EPA APPLICATION FORM 1

FORM	T	U.S. ENVIRO							1. EP	A I.D. NU	MBER		To a		
1 GENERAL	EPA	Co	GENERAL INFORMATION Consolidated Permits Program (Read the "General Instructions" before starting) The starting of the star							F	T/A	c D			
LABE	L ITEMS	Annual Control of the	NAME OF THE PERSON OF THE PERS	Seminaria .	ENTRUCTURATION.	1000	minimum seminaria	Tarana and the same	-	GENERA	L INSTRUCT		13	14	15
I. EPA I.D	. NUMBER							space. cross th	Review the trough it an	el has been e information nd enter the	provided, affi on carefully; if correct data is	ix it in the fany of it n the app	sopri	ncorre	l-in
III. FACILI		PLEASE PLACE L	ABE	LI	N THIS	S	SPACE	to the L	eft of the lo	abel space i	he preprinted lists the inform the proper fill-	nation tha	u sho	ould	
V. FACILITY ADDRESS	FY MAILING SS							label is and VI	complete a	B which m	you need not a	complete	ltem	s I, II	I, V,
VI. FACILIT	TY LOCATION							instruct	ions for del	tailed item	has been pro- descriptions ar is data is colle	nd for the	legi	to the	
INSTRUCTIO must submit the attached. If y	ou answer "no" to e	rrough J to determine whether plemental form listed in the parach question, you need not suffice also, Section D of the inst	renthe	ny o	following f these fo	the	e question. Ma	rk "X" i	n the box i	n the third	column if the	suppleme	Intal	form	in
					K "X"	I					***************************************		M	ARK *X*	-
	SPECIFIC QU		ves	MO	FORM ATTACHED				CIFIC QU			YES	s No	3 1	ORM ACHED
	this facility a publicly owned treatment works which results in a scherge to waters of the U.S.? (FORM 2A)					-	B. Does or will it concentrated a facility which (2B)	nimal feed	ding operatio	or aquatic	used) include a animal production the U.S.? (FOR)	on M	X		
		ults in discharges to waters of the A or B above? (FORM 2C)	X		2C, 2F	I	D. Is this a propo above) which w					19	X		21
E. Does or will (FORM 3)	this facility treat, store	c, or dispose of hazardous wastes?	22	73 X	24	1	F. Do you or will	you mjec	ct at this faci	lity industria	or municipal	23.	74	F	21
	Do you or will you inject at this facility any produced water or other hids which are brought to the aurface in connection with onventional oil or natural gas production, inject fluids used for nhanced recovery of oil or natural gas, or inject fluids for storage of				ж.	-	mile of the wel (FORM 4)	the lower	most stratum aderground s	containing, ources of dri	within one quar nking water?	ter	X	-	
fluids which conventional enhanced rec						ř	H. Do you or will such as mining	of sulfur u combus	by the Frasc	ch process, se	r special process olution mining o overy of geother	of .	x		
I. Is this facility industrial cuts potentially en	egories listed in the ins ait 100 tons per year o	source which is one of the 28 tructions and which will f any air pollutant regulated under r be located in an attainment area?	×	X		J	the Clean Air A	tegories l t 250 tons	per year of	nstructions a any air polis		nder	X		10
NAME AND ADDRESS OF THE OWNER, WHEN	F FACILITY			d			(FORM 5)			Nº 10 A					
SKIP		ENTERGY OPERA	TION	NS,	INC	RI	IVER BEND	STAT	ION			MATERIAL CHARLES	Balancy.	N PARAMETERS	NAME AND
15 16 29 80 IV, FACILIT	Y CONTACT										69				
c	NO. OF THE PERSON NAMED IN COLUMN 1	A. NAME & TITLE (last, fu JEROME, SUPERINTEN	desirado esse	THE REAL PROPERTY AND ADDRESS OF THE PERTY ADDRESS OF TH		10	TDV		1	NE (area c	T				
2 13 16		10000 to 100	VDE:	×1,	CHEM	13	IKI	45	504	381	4602				
V. FACILIT	Y MAILING ADD A. S	RESS TREET OR P.O. BOX			N.			Republicania Property							
3	PO	OST OFFICE BOX 220		-		-									
15 116	B. CITY O	R TOWN	T	C	. STATE	-	D. ZIP C	ODE							
4	ST. FRAN	NCISVILLE	T		LA		7077	5							
15 16 VL FACILIT	Y LOCATION		40 41				9 e -	51	SOUTH PARTY			1000		e la	NAME OF TAXABLE PARTY.
A. S	TREET, ROUTE N	NO. OR OTHER SPECIFIC	-	TIF	ER										
C 5	5485 U.	S. HIGHWAY 61 NORT	Н	-		-									
	B. COUNT		T			-	45)								
6	WEST FELICIA	ANA PARISH	70												
	C. CITY O	R TOWN	1	D	STATE		E. ZIP C	ODE	F. CO	UNTY CO	DE				
6	ST. FRAN	CISVILLE			LA		7077	5		063					
25 116			40 41	- Contractor	-	-	0 6	-	63	*************	-				1

CONTINUED FROM THE FRONT						
VII. SIC CODES (4-digit, in order of priority)						
4911 (specify) ELECTRIC SERVICES - ST	EAM ELECT	RIC 7	(specify		V/A	
25 16 - 19 C. THIRD		15	16 - 10	D. FOURTH		-
c (specify)		c] (specify	The same of the sa		
7 15 14 - 19		7			I/A	
THE RESIDENCE OF THE PROPERTY OF THE PARTY O	i e		16 19		erani perintuk menjaran da	
c	A. NAM	CHEST STREET,			B. Is the name listed in	
B ENTE	RGY OPER	ATIONS, INC.			VIII-A also the own	
C. STATUS OF OPERATOR (Enter the approp	priate letter in	to the answer box:	if "Other", specify.)	D. PH	IONE (area code & no.)	
F = FEDERAL M = PUBLIC (other th	han federal or	AND DESCRIPTION OF THE PARTY OF	(specify)	601	T	5000
S = STATE O = OTHER (specify) P = PRIVATE		, ,		^		5000
E. STREET OR P.O. B		700		15 16	19 19 - 21 22	
POST OFFICE BOX 3	1995	44				
F. CITY OR TOWN		G. STATE	H. ZIP CODE	IX. INDIAN LAND		-
JACKSON		MS	39286	Is the facility located on		
18 16 -	***	11 42	er - 51	4	NO	
X. EXISTING ENVIRONMENTAL PERMITS	34.076					
A. NPDES (Discharges to Surface Water)	A CONTRACTOR OF THE PARTY OF TH	Air Emissions from	Proposed Sources)			
9 N LA0042731	9 P					
B. UIC (Underground Injection of Fluids)	15 16 17	E. OTHER (spe		30		
c T 1	CTI			(specify)		
9 U	9	WP	0409	LOUISIANA WA	TER DISCHARGE PERM	MIT
C. RCRA (Hazardous Wasies)	15 14 17			36		
61.1.1	c 1 1	E. OTHER (spe		(specify)		
9 R LAD070664818	9	RBC	36201	CWA SEC	CTION 404 (USAGE)	
15 16 17 18 30 XI. MAP	15 16 17 1			NO THE PARTY OF TH		
Attach to this application a topographic map of the ar facility, the location of each of its existing and propose and each well where it injects fluids underground. In requirements.	ed intake and clude all spri	discharge structur	es, each of its haza	boundaries. The map mu	tarage or disposal facilities	ie
XII. NATURE OF BUSINESS (provide a brief description) COMMERCIAL GENERATION AND SALE (RIC POWER.				
XIII. CERTIFICATION (see instructions) certify under penalty of law that I have personally exa in my inquiry of those persons immediately responsible complete. I am aware that there are significant penaltic	for obtaining	the information co.	ntained in the applic	cation. I believe that the i	information is true accur	, based
A. NAME & OFFICIAL TITLE (type or print)		NATURE	n, including the pos		TE SIGNED	
MICHAEL B. SELLMAN GENERAL MANAGER, PLANT OPERATIONS	N	N 3	ID. An	O Nor a	- 14-95	
COMMENTS FOR OFFICIAL USE ONLY			many.	AN IND	1 / 3	
	and the same of the same	MALL MANUFACTURE OF THE PARTY O			n and significant	443.00

APPENDIX B U.S. EPA APPLICATION FORM 2C

LAD070664818

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

FORM 2 C

EPA

U.S. ENVIRONMENTAL PROTECTION AGENCY APPLICATION FOR PERMIT TO DISCHARGE WASTEWATER EXISTING MANUFACTURING, COMMERCIAL, MINING AND SILVICULTURAL OPERATIONS

Consolidated Permits Program

I. OUTFALL LOCATION

For each outfall, list the latitude and longitude of its location to the nearest 15 seconds and the name of the receiving water.

A. OUTFALL	В	LATITUI	DE	C.	LONGITU	IDE	
NUMBER (list)	1. DBG.	2. MIN.	3. SEC.	1. DBG.	2. MIN.	3. SEC.	D. RECEIVING WATER (name)
001	30	43	43	91	21	13	Mississippi River
002	30	45	21	91	19	46	Mississippi River (via Outfall 001)
102	30	45	21	91	19	46	Mississippi River (via Outfall 002/001)
003	30	45	20	91	19	49	Grants Bayou (via East Creek and Outfall 006) then to Mississippi River
004	30	44	52	91	19	50	Mississippi River (via Outfall 001)
005	30	45	.06	91	19	38	Grants Bayou then to Mississippi River

II. FLOWS, SOURCES OF POLLUTION, AND TREATMENT TECHNOLOGIES

- A. Attach a line drawing showing the water flow through the facility. Indicate sources of intake water, operations contributing wastewater to the effluent, and treatment units labeled to correspond to the more detailed descriptions in Item B. Construct a water balance on the line drawing by showing average flows between intakes, operations, treatment units, and outfalls. If a water balance cannot be determined (e.g., for certain mining activities), provide a pictorial description of the nature and amount of any sources of water and any collection or treatment measures. See Figure 3.
- B. For each outfall, provide a description of: (1) All operations contributing wastewater to the effluent, including process wastewater, sanitary wastewater, cooling water, and stormwater runoff; (2) The average flow contributed by each operation; and (3) The treatment received by the wastewater. Continue on additional sheets if necessary.

1. OUT-	2. OPERATION(S) CONTRIBUT	TING FLOW	3. TREATMENT		
FALL NO	a. OPERATION (list)	b. AVERAGE FLOW (include units)	a. DESCRIPTION		ODES FROM LE 2C-1
	Cooling Tower Blowdown (and	2144 gpm	Dechlorination	2E	
001	monitored Outfalls 002, 102, and 004)		Discharge to Surface Water	4A	
	Low-volume Treated Wastewater	27.1 gpm	Multimedia Filtration;	1Q	
002		(Intermittent)	Neutralization; Ion-exchange;	1T	2K
N700E			Re-use/Recycle of Treated Effluent;	2,5	4C
			Discharge to Surface Water	4A	
	Chemical Metal-cleaning Wastewater	0.6 gpm	Neutralization, Chemical Precipitation;	2K	2C
102		(Intermittent)	Carbon Adsorption:	2.A	
***			Vacuum Filtration/Landfilling of sludge;	5U	5Q
			Discharge to Surface Water	4A	
	Non-radioactive Floor Drains	2.3 gpm	Oil/Water Separation;		
003	and Oil/Water Separators, Including	(Intermittent)	Discharge to surface water	4A	and the same of the same of the
	Stormwater				
	Treated Sanitary Wastewater	11.1 gpm	Screening; Pre-aeration;	1T	3E
004			Activated Sludge; Slow Sand Filtration;	3.A	2H
0.04			Disinfection (UV-light)	1V	
	Stormwater Runoff from Materials	7.64 gpm	Discharge to Surface Water	4A	
005	Storage Area	(Intermittent)			
	Intermittent Treated Sanitary Wastewater Normally Routed through Outfall 004	Normally 0	See above for Outfall 004		

OFFICIAL USE ONLY (effluent guidelines sub-categories)

LAD070664818

Form Approved

OMB No. 2040-0086

Approval expires 7-31-88

2 C

EPA

U.S. ENVIRONMENTAL PROTECTION AGENCY APPLICATION FOR PERMIT TO DISCHARGE WASTEWATER EXISTING MANUFACTURING, COMMERCIAL, MINING AND SILVICULTURAL OPERATIONS

Consolidated Permits Program

I. OUTFALL LOCATION

For each outfall, list the latitude and longitude of its location to the nearest 15 seconds and the name of the receiving water.

A OUTFALL	B	LATITUI	DE	C.	LONGITU	DE	
NUMBER (list)	1. DBG.	2. MIN.	3. SEC.	1. DEG.	2. MIN.	3. SEC.	D. RECEIVING WATER (name)
006	30	45	12	91	19	29	Grants Bayou (via East Creek) then to Mississippi River
- 007	30	45	02	91	19	50	Grants Bayou (via West Creek) then to Mississippi River
008	30	45	21	91	19	46	Grants Bayou (via East or West Creek) then to Mississippi River
009	30	45	32	91	19	39	Grants Bayou then to Mississippi River

Note: Coordinates for Outfall 004 are for new location due to construction of new sewage treatment plant.

II. FLOWS, SOURCES OF POLLUTION, AND TREATMENT TECHNOLOGIES

- A. Attach a line drawing showing the water flow through the facility. Indicate sources of intake water, operations contributing wastewater to the effluent, and treatment units labeled to correspond to the more detailed descriptions in Item B. Construct a water balance on the line drawing by showing average flows between intakes, operations, treatment units, and outfalls. If a water balance cannot be determined (e.g., for certain mining activities), provide a pictorial description of the nature and amount of any sources of water and any collection or treatment measures. See Figure 3.
- B. For each outfall, provide a description of: (1) All operations contributing wastewater to the effluent, including process wastewater, sanitary wastewater, cooling water, and stormwater runoff; (2) The average flow contributed by each operation; and (3) The treatment received by the wastewater. Continue on additional sheets if necessary.

1. OUT-	2. OPERATION(S) CONTRIB	UTING FLOW	3. TREAT	MENT
FALL NO	a. OPERATION (list)	b. AVERAGE FLOW (include units)	a. DESCRIPTION	b. LIST CODES FROM TABLE 2C-1
	Stormwater Runoff from East Side of	75.7 gpm	Discharge to Surface Water	4A
	Plant (and monitored	(Intermittent)		
006	Outfalls 003 and (008)			
	Air Compressor Condensate	16 gpm	Discharge to Surface Water	4A
	Reverse Osmosis Reject	25 gpm (Intermittent)	Discharge to Surface Water	4A
	Stormwater Runoff from West Side of	86.8 gpm	Discharge to Surface Water	4A
007	Plant (and monitored Outfall 008)	(Intermittent)		
1807				
	Maintenance Hydrostatic Test and	5 gpm	Screening:	1T
008	Flushing of Piping Systems, Vessels,	(Intermittent)	Discharge to Surface Water	4A
(8.76)	and Automatic Sprinkler Systems		The second secon	
	Stormwater Runoff from	14.6 gpm	Discharge to Surface Water	4A
009	Cooling Tower Yard	(Intermittent)		
				THE RESERVE AND ADDRESS OF THE PARTY OF THE
	and the second s			

OFFICIAL USE ONLY (effluent guidelines sub-categories)

\$70°705	r storm runoff, leaks, or spills, YES (complete the following to		ischarges describ	Lund	or B intermittent of Section III)	or seasonal?		
		3. FRE	QUENCY			4. FLOW		
1. OUTFALL NUMBER (list)	2. OPERATION(s) CONTRIBUTING FLOW (list)	a. DAYS PER WEEK	b. MONTHS PER YEAR	a. FLOV	C. Martine Co.		L VOLUME with units)	c. DUR
	(san)	(specify average)	(specify average)	1. LONG TERM AVERAGE	1. MAXIMUM DAILY	I. LONG YERM AVERAGE	2. MAXIMUM DAILY	(in days
002	Low-volume Treated Wastewater	7	12	0.052	0.497	52000 gais.	497000 gais.	365
102	Metal Cleaning Wastewater	700	3(1)	0.0009	0.014	900 gals.	14000 gais.	92
006	Reverse Osmosis Reject	1.5	12	0.007714	0.036	7714 gais.	36000 gala.	78
008	Hydrostatic Testing and Flushing of Piping Systems	0.25	12	0.0074	0.0638	7400 gals.	63800 gals.	12
B. Are the lin	Muent guideline limitation prom YES (complete Item III-B) mitations in the applicable efflue YES (complete Item III-C) wered "yes" to Item III-B, list used in the applicable effluent	nt guideline exp the quantity w	ressed in terms o	NO (go to Section f production (or o NO (go to Section an actual measur ected outfalls.	n IV) ther measure of o n IV)	pperation)?	a, expressed in the	terms
			ILY PRODUCT				2. AFFECTED Of	
a. QUANTITY PI	ER DAY 6. UNITS OF MEASUR	E	e. OPERATI	ON, PRODUCT, MA (specify)	TERIAL, ETC.	4519	usi oujui ni	moers
N/A								
IV. IMPROVI	EMENTS							
includes, b	ow required by any Federal, State treatment equipment or practice ut is not limited to, permit conduct loan conditions.	s or any other	environmental pro	grams which may	affect the discha	rges described in	this application? T	his

1. IDENTIFICATION OF CONDITION, AGREEMENT, ETC.	2. A	AFFECTED OUTFALLS	3. BRIEF DESCRIPTION OF PROJECT	4. FINAL COM- PLIANCE DATE		
	a. NO.	b. SOURCE OF DISCHARGE		a. RE- QUIRED	b. PRO- JECTED	
N/A						
		Facility of		14 14		
					711	

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

LAD0070664818

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

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
A	The second secon		THE RESERVE AND ADDRESS OF THE PARTY OF THE
		ALC: 1 The second of	
1.0			
		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	

VI. POTENTIAL DISCHARGES NOT COVERED BY ANALYSIS

Is any pollutant listed in Item	V-C a substance or i	a component of	a substance which	you currently a	use or manufacture	as an intermediate of	er final	product or
byproduct?						on an intermediate c	111401	product of

1							
1		VEC	18:00	-11	marie la	pollutants	T
1	housed	1 5.00	14181	1113	SHCH	Doumants	nelow

NO (go to Item VI-B)

N/A

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? X YES (identify the test(s) and describe their purposes below) NO (go to Section VIII) See Section 6.0 of document and Table 10. VIII. CONTRACT ANALYSIS INFORMATION Were any of the analyses reported in Item V performed by a contract laboratory or consulting firm? X YES (list the name, address, and telephone number of, and pollutants NO (go to Section IX) analyzed by, each such laboratory or firm below) A. NAME B. ADDRESS C. TELEPHONE D. POLLUTANTS ANALYZED (area code & no.) (list) Incheape Testing Services 7979 GSRI Avenue (504) 769-4900 All pollutants analyzed on Form Baton Rouge, LA 70820 2C except pH, TRC, and FAC and all pollutants at Outfall 002B. Barringer Laboratories, Inc. 15000 W. 6th Ave. (303) 277-1687 All pollutants at Outfall 002B, Suite 300 except pH, TRC, and FAC. Golden, CO 80401

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 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)	B. PHONE NO. (area code & no.)
Michael B. Sellman, General Manager, Plant Operations	(504) 381-4200
C. SIGNATURE L. Da D. N.R.	D. DATE SIGNED
The state of the s	/ 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

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PAGE 4 OF 4

ENTERGY OPERATIONS, INC. — River Bend Station

THE RESIDENCE AND THE RESIDENCE OF THE PROPERTY OF THE PROPERT			EPAID	NUMBER LAD	AD070664818						OUTFALL	NUMBER	(00)
V. INTAKE AND EFFLUENT CHARACTERISTICS	(Continu	(Continued From Page 3 of Form 2C)	orm 2C)										
Part A													
				c.	2 EFFLUENT				3. UNITS	82	4 INT	INTAME (OPTIONAL)	ONAL)
: POLLUTANT		8. MAXIMUM DAILY VALUE	DAILY VALUE	b. MAXIMUM 30 DAY VALUE	100	c. LONG TERM	C. LONG TERM AVERAGE (1.TA) IS. NO. OF	NO. OF	4	۵	A LTA VALUE	ALUE.	b. NO. OH
		(1) CONC.	(Z) MAS	(1) CONC.	(Z) MASS	(1) CONC.	(Z) MASS N	ANAL YSE S	COMC.	MASS	(1) CONC.	(2) MARSS	ANAL YSE
		9			NA	AN	NA	*	mg/L	lbs/day	NA	NA	NA.
b. Chemical Oxygen Demand (COD)		50.5	1819.5		NA	NA	NA	1	mg/L	(bs/day	NA	NA	NA.
c Total Organic Carbon (TOC)		23.4	843.1		NA	NA	AA	-		lbs/day	NA.	NA	NA
d. Total Suspended Solids (TSS)		+ ×	1 < 36	NA	AN	AN		-	1	ibs/day	Z	NA	NA
e. Ammonia (as N)		0.79	28 46	ZZ	NA	AN		4-	mon	heiday	V.	NA	NA NA
Flow		VALUE	5.052	VALUE	3 682	VALUE	3.087	Cont	MGD	NA	NA	N.A	MA
g Temperature (summer)		VALUE	333		100	VALUE	200	Cont	00	N.A	N.A.	N.A.	414
		VALUE	33.3		31.1	VALUE	24.4	Cont	2 6	K 42	NIA.	NA	NA AN
4		MINIMUM	MAXIMUM) ;	Y :		W.	<u> </u>
Part B								8	000	NA	NA	NA NA	NA
	2 a. 2b.			ń	3. EFFLUENT				4. UNITS	60	5. INTARE	ANE (OPT)	(OPTION 41)
1. POLLUTANT			MINYALLE	b. MAXIMUM 30 DAY VALUE		C. LONG TERM	C. LONG TERM AVERAGE (LTA) d. NO. OF	NO. OF	4	à	e LTA	LA.	B. NO. OF
AND CAS NO.	PRESENT ABSENT	(1) CONC	(Z) MASS	(1) CONC.	(Z) MASS	(1) CONC.	(Z) MASS A	ANAL YSE S	COMC.	MASS	1) COMC.	(2) MASS	ANAL YS
Bromide (24959-67-9)	×	AN		NA	NA	NA	AN	0	NA	NA	NA	NA	Y X
Chlorine, lotal Hesidual	×	> 9000 >		NA	NA	NA	NA	-		ibs/day	NA	N.	AN
Cotor (True/Apparent)	×	24/197	AX	NA	AN	AN	NA	1 A	APHA Units	NA	NA	NA	NA
Fecal Colfform	×	24	NA		NA	NA	NA	10	Col /109 mi	NA	NA	NA	NA
Fluoride (16984 - 48 - 8)	×	1 47	52.96		NA	AN	NA	-	mg/L	bs/day	NA	NA	NA
Nifrate - Nifrite (as N)	×	7.3	263.0		NA	NA	NA		mg/L	(bs/day	NA	N.	NA
Nitrogen, Total Organic (as N)	×	24	86.5	AN	NA	NA	N.A.	-	mg/L	lbs/day	NA	NA	Z.
Oil & Grease	×	88	223.2	36	91.3 <	c 1.4 <	< 33.2	53	mg/L	lbs/day	NA	AN	AN
Phosphorus (as P), Total (7723-14-0)	×	0.74	56.66	NA	NA	NA	A'N	1	mg/L	bs/day	NA	NA.	NA
Radioactivity - (1) alpha, Total	×	v 0 1	XX	AN	AN	NA	NA	+	pCi/L	NA.	NA	NA	NA
Hadloactivity - (2) beta, Total (1)	×	6 13	NA	NA	AN	NA	AN		DCIA	A.S.	NA	NA	N.
Radioactivity - (3) Radium, Total (1)	×	4 99	NA	NA	NA	NA	NA	+	pCI/E	NA	NA	NA	NA
Radioactivity - (4) Radium 226, Total (1)	×	1.54	NA	AN	NA	NA	NA	4=	DCI/L	NA	NA	NA	NA
Sulfate (as SO ₄) (14808-79-8)	×	742	26733	NA	NA	NA	AN		mg/L	bs/day	NA	NA	NA
Suffice (as S)	×	NA	NA	NA	NA	NA	A'N	0	NA	NA	NA	NA	N.
Sulfite (as SO ₃) (14265-45-3)	×	> 5 <	< 72	NA	NA	NA	NA		mg/L	(bs/day	NA	NA	NA
Surfactants		× 0 1 ×	> 36	AN.	NA NA	NA	AN			bs/day	NA	NA	N.A.
Aluminum, Total (7429-90-5)	×	0.751	27 058	NA	NA	NA	NA	*	-	bs/dsy	AN.	NA	AN
Barium, Total (7440-39-3)	×	0.365	13 151	AN NA	AN	NA	NA	-		bs/day	NA	NA	NA
Boron, Total (7440-42-8)	×	Z	AN	NA	NA	NA	AN	0	NA	NA	NA	NA	NA
Cobatt, Total (7440-48-4)	×	AX	NA	NA	NA	AN	AN	0	NA	NA	NA	NA	NA
Iron, Total (7439-89-6)	×	0.875	31 525	NA	AX	AN	AN	-	mg/L.	bs/day	NA	NA	AN
Magnesium, Total (7439-95-4)	×	64.7	2331.1	NA	NA	NA	NA			lbs/day	NA	NA	NA
Molybdenum, Total (7439-98-7)	×	0.180	6.485	NA	NA	AN	AN	+		lbs/day	«X	NA	NA
Manganese, Total (7439-96-5)	×	0.039	1 405	NA	NA	NA	NA	*		bs/day	NA	NA	AN
Tin, Total / 140-31-5)	×	NA		K Z	NA	NA	AN	0	NA	NA	NA	NA	NA
Titanium, Total (7440-32-6)	×	× 0.55 ×	< 180	NA	NA	NA	NA	-	mg/L II	bs/day	NA	NA	NA

							EPA LD N	D. NUMBER LADO70664818	070664818	Г					CHITEA	CHITEALL MINASED	500
		2 a	26.	20					CELLIENT			-	-			ALL INDINED	5
According to the control of	1. POLISITANT	TESTIME	DELIEVE	D DECINETION		THE PARTY OF THE	t		-0				. A.	NUS	S. MT	INTAKE (OPTIONAL)	IONAL)
Administration of the theory	AND CAS HUMBER	REGUIRE	D PRESENT	T ABSENT		COLUMN COLUMN		MAXIMUM		LONG TERM	AVERAGERTA	d. NO. OF			a LTA VALUE	VALUE	b. NO. OF
Matther, 1 (a) (1 42) (42) (43) (43) (43) (43) (43) (43) (43) (43	Part CMetals, Cyanide, and Total Phenois							of common	ccum (v)	(1) COME.	(Z) MASS	ANAL 7SE			(1) CONC.	(Z) MASS	ANAL YEE
Makeny, 1014 (1942-194-3) Makeny, 1014 (1942-194-3) Makeny, 1014 (1942-194-3) Makeny, 1014 (1942-194-3) Makeny, 1014 (1942-29-4) Makeny, 1014 (×		×		042 <	1.513	NA	AN	AN			L	(Perliden	AiA	****	****
Baylamin Total (1440-41-7) X		×		×		× 10 C	0.36	AN	NA	2				Benidan	NA 4	NA .	NN :
Comparison Com	Beryllium,	×		×		001×	960.0	XX	NA.	NAN				Bre iden	44	NA NA	2
Machine	Cadmium	×		×		002 <	0.0072	NAN.	AN A	AN			30	IUS/URY	NA .	NA.	5
Compoundment F. Compoundme	Chromlum III (2)			×		2012	0.36	NA	NA	NA.			TO THE	lbs/day	NA .	NA :	NA
Compact Total (1764-50-4)	DUL			×		101 <	0.36	NAN	AN	NA			- Aller	Box/Ody	NA S	NA .	N.
Copper C		×		×		> 100	0.36	NA	AN	2			- Barre	(Deriodou	NA AN	8	NA :
Marcon Fine Fine Fine Fine Fine Fine Fine Fin		×	×		0	112	4 035	A.Z	AN	NA			1000	(Day Oldy)	NA.	200	NA.
NewEnry Class Cl		×		×		005 <	O 180	2	ALA	414			mg/L	fDS/GBy	NA	NA	A.N.
Seecum Logic Cargo		×					0.000	N.A.	472	AN .	2		mg/L	iDS/day	NA	MA	NA
State-time Total		×					O EAD	42	2	AN :	NA.		mgy	(DS/clay	NA	NA	NA
Specification (1460-22-4)		3		< >		V 000	0.540	NA	AN	NA	NA	-	mg/L.	lbs/day	NA	NA	NA
Accession Control		< 3		< 1		> 200	0.072	ď Z	XX.	AN	AN		mgf	(bs/day	Z X	NA	NA
Section Control Figs Control F		X		×		> 200	0.07	NA	NA	NA	AN	-	MOL	lbs/day	NA	NA	NA
Activation from the first (195–19-9) A variety (1941–19-9) A varie		×		×	0	> 500	0.108	N.	NA	NA	NA	1	mail	ibs/day	NA	NA	MM
Participal Par		×	×		0	125	9.991				560		man	ibs/day	NA	NA	NA
Particular Discretion Part		×	×		0	0004	0.144	AN	AN	ALT.	NA		man	ibs/ctav	NA	MA	NA
Activation Control of the Contro	SM. Phenois Total	×	×		0	121	4.359	AN	AN	NA	AN	-	mail	the/res	MA	NIA	NIA NIA
Actoberic (107 - 22 - 5) Actoberic (107 - 2	Nextin												50	fam.ion		5	196
Acryticatic (107 - 128 - 1) Ac	7,3,7,8 - 1etrachlorodibenzo - P - Dioxin (1764	4-01-6)		×		NA	NA	NA	AN	NA	AN		L	MA	MM	NA	AIA
Accident (197–22–9) Accident (197–22–2) Accident	art C-Votable Compounds															5	VAV.
Acytonthile (107 - 13-1) Berzene (71 - 43-2) Acytonthile (107 - 13-1) Acytonthile (107 - 13-1		×			V	25 <	06:0	NA	AN	NA	AN	*	Paris	the loter	414	****	40.4
Benzene (71 - 43 - 2) Benzene (71 - 44 - 44 - 43 - 2) Benzene (71 - 44 - 44 - 44 - 44 - 44 - 44 - 44 -		×			~	25 <	060	NA	NA	Z	AN		- June	Petriev	MIA	NA NA	NA 4
Bes Chotometriane (175–256–23) A X X X X X X X X X X X X X X X X X X					v	× ×	0.18	AN	NA	NA	NA	-	Wan.	(heiday	MIA	NIA.	NIA.
Carbon often (75–23–2) X X X X Carbon often (75–23–2) NA			NA	NA		AN	AN	NA	NA	NA	NA		N N	NA	NA	NIA.	NA
Carbon letrachlotide (56-23-5) X X C 0.18 NA		×	×		ur)	23	0 19	NA	A.N.	AN.	Z	L	indi	Sheiring	NA	NIA.	NN N
Chlorobervzene (198–90–7) Chlorobervzene (198–90–7) Chlorobervzene (198–90–7) Chlorobervzene (198–90–7) Chlorobervzene (198–90–3) Chlorobervzene (197–90–3) XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	1	×			~	V V	0.18	AN	NA	AX	AN	*	- Port	the loan	MA	NA MA	NA AN
Chloroethrame (124 48 - 1)		×			V	S ×	0.18	AZ.	NA	AN.	AN		1000	Be John	MIN	NA .	NA .
Chloroetframe (75-00-3) X C 5 < 0.18 NA N		×			V	S	0.18	N.A.	NA.	NA.	NA	-	3000	ibo/day	NA PAR	NA .	NA.
2-Chlotroethywiny Ether(110 - 75-8) (**) X X X C 018 NA NA <td></td> <td></td> <td></td> <td></td> <td>v</td> <td>5 <</td> <td>0.18</td> <td>NA</td> <td>AX</td> <td>AZ.</td> <td>AN</td> <td></td> <td>1000</td> <td>the/day</td> <td>NA NA</td> <td>NA .</td> <td>Y :</td>					v	5 <	0.18	NA	AX	AZ.	AN		1000	the/day	NA NA	NA .	Y :
Chloroform (67 – 66 - 3) X X C 5 0.18 NA					V	5 <	0.18	NA	XX	AN.	NA	*	1000	Beriden	NA.	NA .	Z :
Dichlorobromomethane (75–27–4) X X X X X X NA N		×			V	NO.	0.18	NA	NA	AZ.	42		+	lbe/dey	NA W	NA :	Y :
Dichlorooffluoromethane (75–71–9) (**) NA					V	N N	0.18	NA	AN	AN	NA.		T	Bus (day	NA AIR	N.	NA :
1.1-Diction of than (75-34-3) X			NA	AN		AN	Z	NA	AN	NA	MIA	MIA	+	No.	NA.	NA:	NA.
1.2 - Dichloroethane (107 - 06 - 2) X		×			V	ν ν	0.18	NA	NA	Z Z	NA.	1	T	(Periodous	NA S	NA.	NA :
1.1.1—Dichloroethylene (75–35–4) X X X X X X X NA		×			V	N N	0 18	AN	AN	AN	N.A.		T	Way usey	NA	ZZ	NA.
1,2-Dichlotropropane (78-87-5) X X X X X X NA N		×			V	N V	0.18	AN	AN	NA	V.V.		T	DS/OBY	NA :	NA.	NA
1.3-Dichiotropropyiene (542-75-6) X X X X X NA <		×			V	2 <		NA.	MA	MA	4			IDS/OBY	NA	NA	NA
Ethylbenzene (100-41-4) X X C 5 < 0.18 NA NA <th< td=""><td></td><td>×</td><td></td><td></td><td>~</td><td>V</td><td></td><td>AN</td><td>Z Z</td><td>2 2</td><td>AN AN</td><td></td><td></td><td>lbs/day</td><td>NA</td><td>NA</td><td>NA</td></th<>		×			~	V		AN	Z Z	2 2	AN AN			lbs/day	NA	NA	NA
Methyl Bromide (74-83-9) X X C 5 < 0.18 NA NA NA NA NA 1 ug/L Methyl Chloride (75-09-2) X X X X C 5 < 0.18		×			V	V.		NA.	43	414	4			DS/day	NA	NA	NA
Methyl Chloride (75-09-2) X X X C 0.13 NA NA NA NA NA 1 ug/L Methylene Chloride (75-09-2) X X X X C 10 0.36 NA NA NA 1 ug/L 1,1,2,2-Tetrachloroethane (79-34-5) X X X S 0.18 NA NA NA 1 ug/L		×			V	V VD		W.	NAM	XX XX	A .	-		lbs/day	NA	NA	NA
Methylene Chloride (75-09-2) X X < 10 < 0.36 NA NA NA NA 1 ug/L 1,1,2,2-Tetrachloroethane (79-34-5) X X < 5 < 0.18		×				1		MIA		1	AN :	-	T	IDS/day	AN	NA	NA
1,1.2.2 - Tetrachloroethane (79-34-5) X X < 5< 0.18 NA NA NA NA 1 ug/L		×				, Ct		A PA	A	42	NA	-	UG/L	DS/day	NA	NA	NA
NA NA NA NA						2 14	00.0	NA.	4 :	YZ :	NA	-	ng/L	lbs/day	NA	NA	NA
		1	1	<	,	200	0.10	NA	NA	NA	AN	-	ug/L	lbs/day	NA	NA	NA

1. POLLUTANT AND CAS NUMBE R 24V Tetrachhoettylene (127 - 18 - 4) 25V Toluen (199 - 3) 26V 1,2 - Trans (156 - 60 - 5)		25	-												The same of
						6	EFFLUENT				4 UN	UNITS	5. INT	S. INTAKE (OPTIONAL)	CHALL
	RESTING RECAMED	TESTING DELEVED BELEVED RECKNE	*	B.MAXIMUM	DAILY VALLE	3	30 DAY VALLE	2	2	Mr			B. LTA VALLE	TALLE	b. NO. OF
	*		*	Trib commercial	Or C	(1) come.	(c) mass	(1) Carre		AMAI 134 S	COMC		(1) CONC.	(Z) MASS	ANAL PEES
	×		Г	y v	A 0 18		Z 2	N. N.	Z Z			Ds/day	NA:	NA :	NA :
	×		×	un	0 18		MA	I	44	1	T	ILS/ORY	NA.	NA.	NA :
27V 1,1,1-Trichloroethane (71-55-6)	×		×	an A	0.18		N N		42		1000	(Day) Clear	NA NA	NA NA	NA NA
28V. 1,1,2 - Trichloroethane (79-00-5)	×		×	NO.	0 18		NA		N N		T	Bearings.	NIA.	444	NA.
29V. Trichloroethylene (79-01-6)	×		×	100	0 18		AM		42		Ţ	US/day	NA NA	4	S :
30V Trichloroftuoromethane (75-69-4) (1)	NA	N.A.	NA	Z	Z		42		47	N.A.	0000	OS/GRA	NA.	Z :	Z :
31V Vinyi Chloride (75-01-4)	×		×	in v	< 0.18		N N		42	VA.	NA.	NA Day	NA NA	NA S	NA .
Part C - Acid Compounds											30	IOS/ORY	N/N	44	NA.
1A 2 - Chlorophenol (95-57-8)	×		×	< 10	0.36	NA	NA	MA	MA		and the same	Bear lides	414	***	
2A 2.4 - Dichlorophenol (120-83-2)	×		×	401		N N	NA.	ALM.	X X X		T	DS/38y	Y S	NA.	Y :
3A 2.4 - Dimethylphenol (105-67-9)	×		×	40+	0		NA.	NA.	42			Designation	NA AN	N N	NA.
4A 4.6-Dintro-o-Cresol (534-52-1)	×		×		180		MA	V	NA NA		T	ics/cay	Z Z	NA.	
5A, 2,4-Dinitrophenol (51-28-5)	×		×		-		AN	2	N N			CS/OBY	NA .	e :	
6A 2-Nitrophenoi (88-75-5)	×		×		N 0 3K		MA	NA.	414		1	IDS/CRIY	NA	NA.	4
7A. 4-Nitrophenoi (100-02-7)	×		I		180		NA	2 42	2 42	-		(DS/CBy	NA.	NA.	\$
RA. p-Chloro-m-Cresol (59-50-7)	×		×		0.36		AN	NA.	424			ios/day	NA.	NA :	
9A Pentachlorophenol (87 - 86 - 5)	×		×		180	Z Z	AN	AN AN	2 42			DS/CBy	W.	W.	N .
10A. Phenol (108-95-2)	×		×	101		AN	NAN AN	NA.	Z 2		Ť	IDS/08 y	K 4 2	NA NA	× :
11A 2.4.6 - Trichlorophenol (88-06-2)	×		×	10+	< 0.36	NA	Z	2	42			DS/GRy	NA 414	MM	N S
Part CBasseffleutral Compounds								Car	i va		ng.	iOS/CSA	NA	XX	NA
18. Acenaphthere (83 - 32 - 9)			×	AN	NA	XX	NA	NA	NA	C	MA	MA	979	MIA	818
28. Acenaphthylene (208-96-8)			×	NA	NA.	XX	NA	2	W. AM	0 0	NA AM	NA	NA AN	NA .	S S
3B Anthracene (120-12-7)			×	AN	NA	AN.	NA	NA	NA	0	N.A.	NIA.	414	W	2
			×	NA	AZ	NA	NA	NA	NA	0 0	NA.	2	MA	NIA	NA NA
58 Benzo (a) Anthracene (56-55-3)			×	NA	AN	NA	AN	4Z	NA	0 0	N.A.	N. A.	N. A.	W. W.	1
6B. Benzo (a) Pyrene (50-32-8)			×	NA	NA	NA	AN.	N AN	X X	0 0	NA NA	W W	NA	NA NA	NA NA
7B 3,4-Benzofluoranthene (205-99-2)			×	×Z	Y.	NA	AN.	NA	NA	0 0	MIA	KIA	NA.	NA PER	W
			×	KZ.	A'N	ZZ	NA	Z	AN	0 0	NA	NA N	NA NA	Z Z	NA NA
			×	NA	NA	NA	NA	Z	AZ.	C	42	NA	NA	NA	NA
			×	NA	NA	AN	NA	AN N	NA	0	NA	NA	NA	NA	NA NA
			×	XX	×Z	AN	AN	NA	Z	0	NA.	NA.	NA	NIA	NA
			×	NA	NA	AN	NA	AN	¥ Z	0	NA	NA	NA	NA	NA NA
	×		×	10	< 0.36	NA	NA	NA	NAN NAN		T	hs/day	NA	NA.	NA
			×	¥Z	NA	NA	NA	A.A.	NA	0		NA	NA	V.	NA
	×		×	10 <	c 0.36	NA	NA	NA	NA		t	fre/day	NA	NN	42
			×	AN	AN N	NA	NA	Z X	NA	0		NA	NA	MA	MA
			×	AN	AN	×Z	NA	AN	NA	0	NA.	NA	NA	NA	NA
19B. Chrysene (218-01-9)			×	XX	AN.	AN	NA	NA	NA	0	Y X	NA N	X X X	NA NA	MA
198 Dibenzo (a,h) Anthracene (53-70-3)			×	Z Z	AN	X	NA	AN	AN	0 0	NA	NA.	NA	NIA.	NIA.
			×	NA	AN	NA.	NA NA	NA	XX	0	NA.	NA N	NA N	V V	NA.
			×	NA	a Z	AN N	NA	NA	NA	0	N.	NA	NA	NA	NA
			×	XX	N.A.	AN	NA	KN	NA	0	NA	NA	NA	NA	42
238. 3,3-Dichlorobenzidine (91-94-1)			×	Z	NA	NA	A.V.	AN	NA	c	MA	NA	MA	100	NIA.

1. POLLUTANT AND CAS NUMBER 248 Diethyl Phthalate (84 - 66 - 2) 258 Dimethyl Phthalate (131 - 11 - 3) 268 Di -n - Butyl Phthalate (84 - 74 - 2) 278 2.4 - Dinitrotoluene (121 - 14 - 2)	2.8			•	THE REAL PROPERTY AND PERSONS NAMED IN								200		
		2 p.	20			6	EFFLUENT				4.19	UNITS	S. IMT	SHTAKE (OPTIONAL)	ONAL)
	TESTING		KIEWED.	S MAXIMUM D	ALLY VALUE	6.MAXIMUM 3	MAXIMUM 30 DAY VALLE	C. LONG TERM	AVERAGE (LTA)	M. NO. OF	*	à	B. LTA VALUE	TALLE	b. NO. OF
	RECRIMED	RECOURED PRESENT	ABSENT	(1) CONC.	(Z) MASS	(1) CONC.	(Z) MASS	(1) CONIC.	(Z) MASS	ANAL YSES	CONC	MASS	(1) COMC.	(2) MASS	
			×	NA.	NA	NA	AN	AN	AN		NA	Z		NA	NA
			×	NA	NA	AN	NA	NA	AN	0	NA	XX	N.	NA	NA
			×	NA	NA	NA	AN	NA	NA	0	NA	NA	NA	NA	NA
			×	NA.			NA	AZ.	NA		NA	NA	NA	NA	NA.
			×	NA		NA	NA	AN	NA	0	NA	NA	NA	NA	AN
Di-n-Octyl Phthalate (117-84-0)	×		×	> 10 <		NA	NA	AZ.	NA	*	nov.	lbs/day	NA	NA	NA.
	×		×		0.36	AN	XX	X Z	NA		hou	Perday	NA	NA	NA
			×	NA	NA	NA	NA	NA	AN AN		NA	NA	NA	NA	NA
328 Fluorene (86-73-7)			×	NA	AN		NA	AN AN	AN AN	C	N.	NA	NA	MA	NA
338. Hexachloroberizene (118-74-1)	×		×	0.005	0.000		NA	Z	AN.		na.	the irlan	AIA	NIA NIA	NA NA
348 Hexachlorobutadene (87-68-3)			×	NA	NA		NA	NA	NA		2	NA NA	NA AN	NA NA	NA NA
358 Hexachlorocyclopentadiene (77-47-4)			×	NA	AN		NA	AN AN	NA	0	NA	10 A	NIA	414	NA NA
36B. Hexachloroethane (67-72-1)			×	NA	NA		NAN	NA	NA		NA NA	MA	NA NA	NIA.	NA.
378 Indeno (1,2,3-cd) Pyrene (193-39-5)			×	NA	NA		Z	42	NA.		MA	KOK	NIA.	NA NA	W T
38B Isophorone (78-59-1)			×	AN.	XX		Z	AN.	NA		NA.	NA	NA AIM	NA NA	2
398 Naphthalene (91 - 20 - 3)			×	NA	NA		NA	NA	NA		NA	NA	NA NA	NA MIA	NA NA
40B. Nifrobenzene (98-95-3)			×	AN	A N		AN	42	NA		NA.	NA	N.A.	N. A.	NA AN
418. N - Nitrosodimethylamine (52 - 75 - 9)			×	NA	P.A	NA	NA	×2	NAN AN		MA	P14	NIA.	414	NA ANA
428 N-Nitrosodi - n-Propylamine (821-64-7)			×	NA	AN	AN	NAN	A Z	MA		NA NA	NIA.	NIA.	NA AN	NA .
438 N-Nitrosodiphenylamine (86-30-6)			×	NA	NA	AN	A Z	AN AN	NA.		RIA.	MA	NA NA	2	NA .
448 Phenanthrene (85-01-8)			×	XX	A.Z.	NA	AN	AN	MA		NA NA	NA NA	NA NA	NA 413	NA .
458 Pyrene (129-30-0)			×	NA	NA	N N	AN	AN	AM	0 0	NIA NIA	MA	NA ANA	NA S	W.
468 1,2,4 - Trichlorobenzene (120-82-1)			×	NA.	AN AN	AN	NA	NA	AN AN	0 6	NA NA	NA NA	NA 4	NA .	NA :
Part CPostirides								Var.	Na.	0	88	4	NA	NA	× ×
1P. Aidrin (309-00-2)			×	AN	NA	NA	NA	AN	AN	0	NA	NA	MA	MIA	****
2P alpha - BHC (319 - 84 - 6)			×	NA	NA	NA	NA	AN	NA		NA	NA	N.A.	NIA.	Z .
3P. beta-BHC (319-85-7)			×	NA	AN	NA	Z	¥Z	NA	0 0	NA	NA NA	NA	NA NA	NA ANA
4P gamma-BHC (58-89-9)			×	NA	NA	NA	NA	Z	NA.		MA	AIA	Alla	NIA.	
			×	NA	AN	NA	Z Z	Y Z	AN		AN	V V	NA	NA NA	NA NA
6P Chiordane (57-74-9)			×	NA	NA	X	NA	AN	42		NA	MA	NA	NIA	N. W.
			×	NA	NA	AN	AN	NA N	AN N		NAN	NA NA	NA N	NA	NA
			×	NA	NA	YZ.	AN	AN	AN		NA	NA	NA	NA	NA
			×	AN	NA	A'N	AN.	AN	NA		NA	NA	NA	NA	NA.
			×	NA	NA	AX	NA.	AM	NA	0	NA	AN	NA	NA	NA
			×	NA	NA	NA.	NA	NA	AZ.	0	NA	NA	NA	NA	NA
			×	NA	NA	NA	₹Z	NA	AN	0	NA	NA	NA	NA	NA
			×	×Z	MA	NA	NA	NA	NA	0	NA	NA	NA	NA	NA
			×	NA	NA	NA	AN	NA	NA	0	NA	NA	NA	NA	NA
13F Endrin Aldenyde (7421–93–4)			×	AN	AN	AN	A'N	NA	NA	0	NA	NA	NA	NA	NA
			×	NA	NA NA	AN	NA	NA	NA	0	NA	NA	NA	NA.	MA
				NA	-	NA	NA	NAN NA	NA	0	NA	NA	Z.	NA	NA
			×			NA.	AN AN	YZ.	NA	*	ug/L	lbs/day	NA	NA	NA
				-		AN N	NA	NA N	AX	-	ngy	lbs/day	NA.	NA	NA
20° FOB - 1221 (11104 - 28 - 2) (3)			×	1 4	0.03	AN	ZZ.	NA	×Z	-	ugil	lbs/day	NA	NA	NA

ENTERGY OPERATIONS, INC. - River Bend Station

		-				EPA I.D	NUMBER LAD	070664818						OUTFA	LL NUMB	ER 001
	2 8.	26.	5 c				3.	EFFLUENT				4, U	NITS	- Base commercial and a second	ARE (OPT	THE RESERVE OF THE PERSON NAMED IN
1. POLLUTANT	TESTING	BELIEVED	BELIEVED	n.MAXIMUM	DAIL	Y VALUE	b.MAXIMUM 30	DAY VALUE	C. LONG TERM	VERAGE (LTA)	d. NO. OF		b.	a. LTA	NAME AND ADDRESS OF THE OWNER, WHEN	b. NO. OF
AND CAS NUMBER	REQUIRED	PRESENT	ABSENT	(1) CONC.	0	2) MASS	(1) CONC.	(2) MASS	(1) CONC.	(2) MASS	ANALYSES	CONC	MASS	(1) CONC.	-	
21P. POB - 1232 (11141-16-5) (2)			X	< 1	1 <	0.03	NA	NA	NA	NA	5	ug/L	lbs/day	NA	NA	NA
22P. POB - 1248 (12672 - 29 - 6) (2)			X	< 1	1 <	0.03	NA.	NA		NA		-	-	-		The second second
23P. POB - 1260 (11096 - 82 - 5) (2)			¥		1	0.03	NA NA	NA NA	100	-	1	ugit	lbs/day	NA	NA	NA
24P. POB - 1016 (12674 - 11 - 2) (2)			Y		1	0.03	PERSONAL PROPERTY AND ADDRESS OF THE PARTY AND		1	NA	1	ng/r	lbs/day	NA	NA	NA
Total PCBs (2)			~				NA.	NA.	100.7	NA	1	ug/L	lbs/day	NA	NA	NA
The state of the s		-	A	< /	7 <	0.18	NA.	NA NA	NA NA	NA	1	ug/L	lbs/day	NA	NA	NA.
25P. Toxaphene (8001 - 35 - 2)			X	NA NA	A.	NA	NA	NA	NA NA	NA	0	NA	NA	NA	NA	NA
Part C-Other Parameters											0		, rers		THE .	Lest
Free Available Chlorine (6)			X	< 0.08	5 <	1.80	< 0.05	< 1.80	< 0.05	1.80	53	mg/L	fbs/day	NA	NA	NA.

- (1) Total beta, Total Radium, and Total Radium 226 are believed present within the anticipated background values for naturally occurring radioactive material. However, there is one intermittent low level radioactivity source to Outfall 001 which is monitored at Outfall 002.
- (2) These parameters are not required to be tested at Entergy's Outfail 001 due to provisions at 40 CFR 122.21(g)(7); however, they were tested for the purpose of screening for the potential for exceeding the applicable numerical criteria of the Louisiana Surface Water Quality Standards.
- (3) These parameters are found on Table V of the U.S. Environmental Protection Agency Form 2C; however, they are not required to be tested in accordance with 40 CFR 122 21(g)(7) and 40 CFR 122 Appendix D Table II.
- (*) 2 Chloroethylvinyl Ether was not detected; it is known to hydrolyze in the presence of dilute acid.
- (5) 1,2 Diphenythydrazine as Azobenzene.
- (6) This pollutant is required to be analyzed at Outfall 001 by 1 intergy's NPDES Permit No. LA0042731 and LWDPS Permit No. WP 0409.
- Notes: The daily average flow rate of 4.320 MGD obtained during the 24 hour sampling period from 05/22 23/1995 was used to calculate the mass for those parameters (except for PCBs) for which only one laboratory analysis was performed. For PCBs, composite samples were obtained during the 24 hour sampling period from 05/28 29/1995. A flow rate of 3.15 MGD obtained during this sampling event was used to calculate the mass for PCBs.

The monthly DMR forms for 24 months (February 1993 through January 1995) for flow data and 12 months (February 1994 – January 1995) for all other parameters were used to calculate the Maximum 30 Day Value, and the Long Term Average Value for those parameters that are routinely monitored pursuant to Enterpy's NPDES and LWDPS permits.

The sample for Fecal Coliform analyses was collecter. in 5/28/95.

All analytical results reported with a "less than" sign (<) were either (1) not detected in the effluent sample at or above the analytical method detection limit achieved by the applicable laboratory analytical method or (2) not detected and quantifiable at the practical quanafitation limit achieved by the applicable laboratory analytical method.

NA = Testing not required; no data available

W. INTAKE AND EFFLUENT CHARACTERISTICS		Continued	Continued From Page 3 of Form	corns 203		1000 1000 1000 1000 1000 1000 1000 100				SAME AND PROPERTY.	NAME AND ADDRESS OF	SECTION STATES	STATE OF THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN TRANSPORT OF THE PERSON NAMED IN	NAME AND ADDRESS OF
Part A				The same of the sa										
					0	2. EFFLUENT				3 UNITS	ITS	A 1947	MTARE (CIPTICINAL)	OMALI
1. POLLUTANT			8. MAXIMUM DAIL	DALLY VALLE	b. MAXIMUM 3	6. MAXIMUM 30 DAY VALLE	c. LONG TERM	C LONG TERM AVERAGE (LTA)	d. NO. OF		۵	A LTA VALIE	VALIE	b NO OF
			(1) COMC.	(Z) MASS	(1) CONC.	(Z) MASS	(1) CONC.	(Z) MASS	ANAL YSES	CONC	MASS	(1) CONC.	(2) MASS	ANAL YSE
			en v	3 < 08	NA	NA	NA	NA NA	ger	mg/l.	lbs/day	NA	AN	NA.
			V			NA		NA	-	mail	(bs/day	AN	NA	NA
			22 <			NA	AZ.	N.A.	-	may.	(bs/day	NA	NA	NA
			50		27	>60	> 080	v	60:	mail	lbs/day	NA.	AN	N.A.
			< 0.14 <	> 004	NA	NA		NA	-	mail	Br/day	NA	NA.	NA
Flow			VALUE	0.214	VALUE	0.071	VALUE	0.039	634	MGD	NA	NA.	NA	NIA
			VALUE	27.1 (25.0)	VALUE	NA	VALUE	NA	+	J ₀	N.A	NA.	N.A.	NA NA
h. Temperature (winter)			VALUE	AN	VALUE	NA		AN	C	NA	NA	N.A.	NIA	N.A.
1 pH(3)			MINIMUM	MAXIMUM R O+ /R KON						5		5	NA.	4
Part B			04: (0.00)						-	200	¥ Z	NA	NA	NA NA
	# CV	26.			6	3. EFFLUENT				4. UNITS	TS	S. BNT	INTAKE (OPTH	OPTIONALL
1. POLLUTANT	HELE			DAILYVALLE	6. MAXIMUM 30 DAY VALUE		e. LONG TERM	C. LONG TERM AVERAGE (LTA) d. NO. OF	d. NO. OF		4	a LTA		B. NO. OF
	PRESENT	AB	(1) CONC.	(Z) MASS	(1) CONC.	(Z) MASS	(1) CONC.	(Z) MASS	ANAL YSE S	CONC	MASS	(1) CONC.	(2) WASS	ANA! YSF.S
		×	NA	NA	NA	NA	NA	NA	0	NA	NA	NA	NA	NA
		×	NA		NA	NA	AN	NA	0	NA	NA	NA	NA.	NA
	×		<15/<15(1)	NA	NA	NA	NA	A'Z	-	APHA Units	NA	NA	NA	NA
d recal comorm	1	×	NA			NA		NA		NA	NA	N.	NA	NA
	×					NA	NA	NA		mgit	ibs/day	NA	NA	NA
	×			< 0.12		AN	NA	NA	+	mg/L	(bs/day	NA	NA	NA
THE DESIGNATION OF THE PARTY OF	3	×	>950	V		NA		NA		mgil	(bs/day	NA	NA	NA
	K 3					22	~	< 0.7	113	mg/L	lbs/day	NA	AN.	NA
Stanforactivity (4) sinhs Total (2)	< >				Y .	AN	AN	NA	-	тол	lbs/day	NA N	NA	NA
Backnartistry (2) heta Total (2)	< >			AN :	NA	AN	AN	NA	-	DCIA	NA	NA	N.	NA
(2)	Coo Note*	>	5	W.	YZ :	Z Z	AN	NA	+	pC//L	NA	NA	NA	NA
1 (2)	ed Note 1	< >		AN .	AN :	XX	NA NA	NZ.	-	DOM	NA	NA	NA	NA
Sulfato (as SO) (44PDR - 70 - R)	>	<	0.1(<		NA.	AN	AN	NA	-	pCIA.	NA	NA	NA	N.
Suffice (3s S)	<	>	> 011 3		NA :	Z	YZ.	NA	-	mg/L	fbs/day	NA	NA	NA
Sufficiency (100 5)	>	×	AN .	NA C	AN :	AN.	AN	MA	0	NA	NA	NA	NA	NA
Surfactants		>			Y :	ď.	NA	AZ.	-	mg/L	lbs/day	NA	NA	NA
		Ī	V 1000		NA .	Z :	NA.	NA	-	mg/l.	lbs/day	NA NA	NA.	NA
		T			YY.	Z Z	Z	Z Z	-	mg/L	lbs/day	NA	NA	NA
		< >	× 0		ď.	AN :	Z Z	XX	0	NA	NA	NA	NA	NA
		< >			42	d i	A N	AN AN	-	mg/L	lbs/day	NA	NA	NA
	>	c	NA COL		NA :	Z.	Y X	₹Z	0	NA	NA	NA	NA	NA
	< >				ďZ.	NA	XX	NA	-	mg/l.	lbs/day	NA	NA	NA
	×	1			ZZ	NA	NA	NA.		mg/L.	lbs/day	NA	N.A	NA
	3	×	> 9000		NA	NA	NA	VZ.	gin.	mg/L	lbs/day	NA	NA	N.
Tin Total (7440 - 31 - K)	×	,	> 0.035	0	NA.	NA	ZZ	AN.	+	mg/L	lbs/day	NA	V.	NA
		< >	W.	Z :	NA	NA	NA	AN	0	NA	NA	NA	NA	NA
		×	d Z	×Z	42	MM	***	818						

Continued

	. 1						EPALL	EPA I.D. NUMBER LADO70664818	3070664818	ACING OTOTION				han	OUTFALL NUMBER	MUMBER	(1) cus
	-		2 a.	25.	2 c			6	EFFLUENT					50	5 BNT	AME ACRETA	NUAL I
Americant (1986) (198		AMEDICAS MINESCO	TESTING	BELEVED	BELEVED	a MAXIMUM	MILY VALUE	b.MAXIMUM 3	O DAY VALUE	c. LONG TERM	AVERACE (LTA)		ai	۵	B. LTAV	ALUE	15
Marker, Train (Free, 4-9, 9)	Page	C-Metals, Cyanide, and Total Phenois	TR. GOURE	D THE OF THE	MOX M		(z) MASS	(1) CONC.	(Z) MASS	(1) CONC.	(Z) MASS	ANAL YSES	CONC.		COMC.	Z) MASS	ANAL YSES
Application Compact	20	Antimony, Total (7440-36-0)	×										the care	Bundalan	****	****	-
Designation Total Effect-0-2-01	SM	Arsenic, Total (7440-38-2)	×							-			The state of	(barisha	NA NA	NA .	NA
Chartiniii Tiggi (Tubb-2-1-9)	384	Beryllium, Total (7440-41-7)	×										100	Perday	NA	NA NA	NA
Copportation (1984) (19	dM	Cadmium, Total (7440-43-9)	×	×									and the	Beirtey	NA	NA	MA
Name Control Contr	SM	Chromium, Total (7440-47-3)	×										No.	Psc/rday	MA	NA	NA
Secret Control Contr	6M	Copper, Total (7440-50-8)	×	×		0 000							and a	ibe/des	NIA	MIA	NIA NIA
	7.00	Lead, Total (7439-92-1)	×			9200	v						D E	Beirlau	NA	NA	NA PER
Selection: Triangly (Triangle Grapher)	BM	Mercury, Total (7439-97-5)	×			0 0005							No.	Pretiden	NA	MA	NIA.
State Control Contro	N/S		×			0.026							20 6	Bre John	N.A	MA	NA NA
The control (170-28-4)	TOW		×			0.047							The state of	(he)des	NA NA	NA NA	NA NA
The control of the	111/4		×			0.006							The same	lbs/day	NA NA	NA S	NA .
Particular Particular Particular Particular Particular Particular	12M	Thallium, Total (7440-28-0)	×			0.048							200	Bealth:	NA 4	WW.	NA S
Company Comp	13M		×	×		0.029							30 6	lbs/day	N.A.	NA 414	NA NA
Particular Par	14M		×			9000							mon.	Bra John	NA NA	4 2	NA.
C - Vedels Components X X C - 22 C - 0006 NA	15M		×	×			0.039						3000	the felicity	NAME OF THE PERSON	K .	NA.
Bennether (12-3-1)	Diox												30	(DR)/DB)	N. N.	Z.	NA.
C. Veolatile Concentration A.A. C. C. Veolatile Concentration A.A. C.	23.7	8 - Tetrachiorodibenzo P - Dioxin (1784-01-6)			×	NA	NA						AIA	****	****	***	***
According (177-132-13) Accord	Part	CVolatile Compounds											Z,	Z,	NA	NA	NA
Action	>	Acrolein (107 - 02 - 8)	×			23	0		NA			-	- Complete	Hom follows	*04	***	1
Brondbarn (15-25-3)	25	Acryloritrils (107 - 13 - 1)	×			23			AN			-	180	Beniches	NIA.	NA NA	N S
Bernochermethyly Ethe [542-89-1] The	38		×			5					MA		200	the lates	200	NA S	100
Bronneterate (15-25-25) X	47	or (542-88-1)	NA	NA	NA	1200					AN AN		NA NA	IOS/ORY	NA 41	NA 41	NA S
Chicocherace (176-29-3) X X < 5 < 0.0071 NA N	28	Bromoform (75-25-2)	×			NO.	0 0001	AZ	AN		MA		in the	Beliden	N.A.	NA NA	NA NA
Chienocherame (106 - 20 - 3) X X < 5 5 C 0 0 0 0 1 X X < 5 C 0 0 0 1 X X X < 5 5 C 0 0 0 1 X X X X X X X X X X X X X X X X X X	. A9	Carbon Tetrachloride (56-23-5)	×			N N	0001	Z	NA		NA		100	the lotes	NA NA	NA AM	NA NA
Chlorodeterometerate (124 48 - 1)	2	Chloroberzene (108-90-7)	×			NO.	0001		Z		AM	-	- Non	Box (day	NA ANA	NA P	NA 4
Chloroptrate (75 - 20 - 3) 2 Chrotoptrate (75 - 20 - 4) 2 Chroto	BV.	Chlorodibromomethane (124 - 48 - 1)	×		×	N N	0 0001		AN		AN AN		1000	Kas/Gay	NA A	Z S	Z Z
2-Chloroethylnylig Effect (10 - 75-8) (*) X X C 5 < 0.001 NA	76	Chloroethane (75-00-3)	×			7	0.005		NA		AN AN		1000	Bos (day)	NA ALA	K K	W
Chlotrofoum (§57–56–3) X C 5 0.001 NA NA<	100	er(110-75-8)	×			in V	0000		NA		AN		The state of	Me idea	NA NA	NA 414	NA 42
Ochlorobromethane (75–27–4) X X C GOOT NA NA <th< td=""><td>110</td><td>Chloroform (67 - 66 - 3)</td><td>×</td><td></td><td></td><td>N C</td><td>1000</td><td></td><td>AN</td><td></td><td>MM</td><td></td><td>200</td><td>(Do/Ody</td><td>K 42</td><td>ď :</td><td>NA .</td></th<>	110	Chloroform (67 - 66 - 3)	×			N C	1000		AN		MM		200	(Do/Ody	K 42	ď :	NA .
Dichlorodifuacionentiane (75-71-8) (3) NA	124		×			2	0000		NA		4N		1000	Buelolau	NIA.	NA 414	NA 41
1.1 Dichloroethane (75-34-3) X X C 5 < 0.001 NA	13V	Dichlorodifluoromethane (75-71-8) (5)	NA	NA	NA	NA	NA.		NA		AN		NA.	NA MA	NIA	NIA NIA	NA MA
1.2 Olchlotoettane (107 – 06 – 2) X	147	1,1-Dichloroethane (75-34-3)	×				c 0.001	NA	NA		N.		no.	Prefries	N.A	NA	N. A.
1.1-Orchbroethyjene (75-35-4) X	15V		×			N.	0	AN	AN		AN	-	lucil.	Preirieu	NA.	NIA.	N.A.
1.2 - Dichloropropane (78-87-5) X <t< td=""><td>16M</td><td></td><td>×</td><td></td><td></td><td>NO.</td><td>0</td><td>NA</td><td>AN</td><td></td><td>AN</td><td>+</td><td>non.</td><td>lbs/day</td><td>NA</td><td>NA</td><td>NA.</td></t<>	16M		×			NO.	0	NA	AN		AN	+	non.	lbs/day	NA	NA	NA.
1,3-Olchibropropolyene (542-75-6) X	177	1.2 - Dichloropropane (78-87-5)	×			NO.	0001		NA		AN.	+	T	Preiritav	MA	NA.	N. A.
Ethylbenzene (100-41-4) X X C 0.0001 NA NA NA 1 Ug/L LSS/day NA NA Methyl Bromide (74-83-9) X X X 7 0.0002 NA NA NA 1 Ug/L LSS/day NA NA Methyl Chloride (74-83-9) X X X 7 0.0002 NA NA NA 1 Ug/L LSS/day NA NA Methyl Chloride (74-83-9) X	187	2-75-	×			ID.	1000		AN		NA		T	line/rday	NA N	NA NA	MA
Methyl Bromide (74 - 83 - 9) X X C 7 0 002 NA NA NA 1 ug/L DS/day NA	197	Ethylbenzene (100-41-4)	×			S. Cr	10001	NA	NA		NA		T	Pre-John	MA	414	NIA.
Methyl Chloride (74 – 87 – 3) X X X X C 7 < 0.002 NA NA NA 1 USC 139 NA	200	Methyl Bromide (74-83-9)	×			7	0 0005	VV	NA		AN	-	T	lbs/day	V V	42	NA
Methylere Chloride (75-09-2) X X X X B < 0.002 NA	217	Methyl Chloride (74-87-3)	×			7	2000	AN	NA		AN	-	t	Presiday	NA.	MIA	NA
11.2.2Tetrachloroethane (79-34-5) X X < 5 < 0.001 NA NA NA NA 1 ug/L lbs/day NA	220	1	×			80	2000	NA	AN		AN		1	lbs/day	N N	Z Z	NA
Tetrachioremyiene (127-18-4) X < 5 < 0.001 NA NA NA NA 1 ug/L (bs/day NA	23V.	1,1,22 - Tetrachloroethane (79-34-5)	×		×	NO.	1000	NA NA	AN		NA	-		(bs/day	NA	NA	NA
Toluene (108 - 88 - 3) X X 5 < 0.001 NA NA NA 1 u.g.L. (bs/day	747	etrachiorbethylene (127 – 18 – 4)	×		×	, C	1000	NA	NA	NA	AN	*		lbs/day	AN	NA	NA
	ACZ	Toluene (108-88-3)	×		×	S C	0.001	NA	MA	NA	AN	-		lbs/day	NA	NA	NA

### AND CAS NUMBER ZEV 1,2—Trans—Dichteroethylene (156–60–5) ZTV 1,11—Trichteroethylene (156–60–5) ZEV 1,12—Trichteroethane (71–55–6) ZEV 1,12—Trichteroethane (79–00–5) ZEV 1,12—Trichteroethane (79–00–5) ZEV 1,14—Chichteroethane (75–01–4) ZEV 1,14—Chichteroethylene (156–61–4) ZEV 1,14—Chichteroethylene (156–61–4) ZEV 1,14—Chichteroethylene (156–57–6) ZEV 2,4—Dichterophenol (156–57–6) ZEV 2,4—Dichterophenol (156–67–9) ZEV 2,4—Dichterophenol (156–57–5)	Z8. Zb. Zc. TESTING BELEVED BELEVED RECUIFED PRESENT ABSENT X X	2b. ELEWEDB	2c.	S.MAXIMUM DA		3 EH	3 EFFLUENT				4	UNITS	S. INTAKE (OPTR	WE (OPTIONAL)	JAN.
AND CAS NUMBER AND CAS NUMBER 4 1,2 - Trans - Dichloroethylene (156 - 60 - 5) 4 1,1 - Trichloroethylene (71 - 55 - 6) 7 11,2 - Trichloroethylene (79 - 00 - 5) 7 Trichloroethylene (79 - 00 - 5) 7 Trichloroethylene (79 - 01 - 6) 8 Trichloroethylene (75 - 01 - 4) 8 C - Acid Cempounds 8 C - Chloroethylene (120 - 83 - 2) 8 C - Dichlorophenol (120 - 83 - 2) 8 C - Dichlorophenol (120 - 83 - 2) 8 C - Dintrophenol (156 - 67 - 9) 8 C - Dintrophenol (156 - 67 - 9) 8 C - Dintrophenol (151 - 28 - 5) 8 C - Dintrophenol (151 - 28 - 5)	STING BE CRUIFED PY X	RESENT	ELEVED		-					1					Trans.
AND CAS NUMBER 4.1.2—Trans—Dichloroethylene (156–60–5) 7.1.1.2—Trachloroethane (71–55–6) 7.1.1.2—Trachloroethane (79–00–5) 7.1.1.2—Trachloroethane (79–00–5) 7.1.1.2—Trachloroethane (79–00–5) 7.1.1.2—Trachloroethane (79–01–6) 7.1.2—Chloropthere (75–01–4) 7.2—Chloropthere (150–83–2) 2.4—Dichlorophere (120–83–2) 2.4—Dichlorophere (130–83–2)	OUNTED PY	RESENT	Contract of the last of the la		ILY VALLE	B. MAXIMUM 30 DA	30 DAY VALUE IS	C. LONG TERM AVERAGE (1 TA)	WERAGE (L.TA) H	H NO OF		4	A I TA VALLE	-	A NO CE
7.12 - Trans - Dichloroethylene (156 - 60 - 5) 7.1.1 - Trichloroethane (71 - 55 - 6) 7.1.2 - Trichloroethane (79 - 00 - 5) 7. Trichloroethylene (79 - 00 - 5) 7. Trichloroethylene (79 - 01 - 6) 7. Vinyl Chloride (75 - 01 - 4) 7. Vinyl Chloride (75 - 01 - 4) 7. Vinyl Chloride (75 - 01 - 4) 7. C-Acid Compounds 7. C-Acid Compoun	××		ABSENT	(1) COMC.	(Z) MASS	(1) CONC. ((1) CONC.	(Z) MASS AN	ANAL YEES	CONC.	SS	(1) CONC.	SS	ANAL YSE S
7.1.1 - Trichioroethane (71 - 55 - 5) 7.1.2 - Trichioroethane (79 - 00 - 5) 7.1.2 - Trichioroethane (79 - 01 - 6) 7.1.2 - Trichioroethane (75 - 69 - 4) 7.1.2 - Trichioroethane (75 - 69 - 4) 7.1.2 - Acid Compounds 2.4 - Dichiorophenol (150 - 83 - 2) 2.4 - Dichiorophenol (150 - 83 - 2) 2.4 - Dinitrophenol (151 - 28 - 5) 2.4 - Dinitrophenol (51 - 28 - 5) 2.4 - Dinitrophenol (51 - 28 - 5) 2.4 - Dinitrophenol (85 - 75 - 5)	×	The second second	×	× 10	0.001	A.	NA	NA	40	-	non.	4	NA	NA	NA
7.1,2-Trichloroethane (79-00-5) 7. Trichloroethylene (79-01-5) 7. Trichloroethylene (79-01-5) 7. Vinyl Chloride (75-01-4) 7. C-Acid Compounds 2-Chlorophenol (95-57-6) 2.4-Dichlorophenol (120-83-2) 2.4-Dimitrophenol (155-28-5) 2.4-Dimitrophenol (51-28-5) 2.4-Dimitrophenol (51-28-5) 2.4-Dimitrophenol (85-55-1)			×	> 20 ×		¥N.	NA	NA	NA	-	nav	lbs/day	NA	NA	NA
7 Trichloroeffylene (79–01–5) 7 Trichloroeffylene (75–69–4) (*) 7 Viryl Chloride (75–01–4) 7 C-Acid Compounds 2 - Chlorophenol (95–57–6) 2.4 - Dichlorophenol (120–83–2) 2.4 - Dimitrophenol (125–87–9) 4.6 - Dinitrophenol (51–28–5) 2.4 - Dinitrophenol (51–28–5) 2.4 - Dinitrophenol (85–57–5)	×		×	V V		AN.	NA	NA	NA	-	nav	ibs/day	NA.	NA	NA
7. Trichforoffuoromethane (75–59–4) (*) 7. Vinyl Chloride (75–01–4) 7. C. Acid Compounds 2Chloriphenol (95–57–6) 2.4-Dichlorophenol (120–83–2) 2.4-Dimethylphenol (105–67–9) 4.6-Dinitrophenol (51–28–5) 2.4-Dinitrophenol (51–28–5) 2.4-Dinitrophenol (81–28–5)	×		×	V IO	0.001	4N	NA	NA	NA	,	nov	lbs/day	NA.	NA	NA
7 Viryl Chloride (75-07-4) 4 C-Add Compounds 2-Chloripherol (96-57-6) 2.4 - Dichloripherol (120-83-2) 2.4 - Dimethylpherol (105-67-9) 4.6 - Dinitropherol (51-28-5) 2.4 - Dinitropherol (51-28-5) 2- Nitropherol (86-75-5)	NA	NA NA	NA	AN	AN	NA	ď Z	NA	NA	0	NA	NA	NA	NA	NA
4 C. Add Compounds 2 - Chloropherol (95-57-6) 2.4 - Dichloropherol (120-83-2) 2.4 - Dimethylpherol (105-67-9) 4.6 - Dinitro - c - Cresol (534-52-1) 2.4 - Dinitropherol (51-28-5) 2 - Nitropherol (86-75-5)	×		×	< 7<	0 005	NA	AN	AX	NA	1	UGV	lbs/day	NA	NA	NA
2-Chtompterol (95-57-6) 2.4 - Dichloropherol (120-83-2) 2.4 - Dimethylpherol (105-67-9) 4.6 - Dinitro - o - Cresol (534-52-1) 2.4 - Dinitropherol (51-28-5) 2 - Nitropherol (86-75-5)															
2.4 - Dichlorophenol (120 - 83 - 2) 2.4 - Dimethylphenol (105 - 67 - 9) 4.6 - Dinitro - o - Cresol (534 - 52 - 1) 2.4 - Dinitrophenol (51 - 28 - 5) 2 - Nitrophenol (86 - 75 - 5)	×		×	> 01 >	0.003	AN	NA	AN.	NA	+	na/	hs/day	NA	NA	NA
2.4 - Dimethylphenol (105 - 67 - 9) 4.6 - Dinitro - o - Cresol (534 - 52 - 1) 2.4 - Dinitrophenol (51 - 28 - 5) 2 - Nitrophenol (86 - 75 - 5)	×		×	> 10 <	0 003	NA	NA	AN.	NA	*	hou	the ritar	NA	NA	NA
4.6 - Dinitro - c - Cresol (534 - 52 - 1) 2.4 - Dinitrophenol (51 - 28 - 5) 2 - Nitrophenol (86 - 75 - 5)	×		×	> 01	0 003	AN.	×X	NA.	NA		No.	Bre/rigo	NA	NA	NA
2.4 - Dintrophenol (51 - 28 - 5) 2 - Nitrophenol (86 - 75 - 5)	×		×	× 05		AN	ZZ	NA	MA	+	- Non	libe/day	MM	NA	NIA
2 - Nitrophenol (86 - 75 - 5)	×			× 0%	0	NA	4Z	4 Z	AN AN	-	1000	lhe/day	NA	NIA	NIA.
	×		×	> 01 >	0	NA	Z Z	NA	NA		200	the lifes	MA	218	NIA NIA
7A. 4-Nitrophenol (100-02-7)	×			>099	0.014	AN	¥2	NA	NA		1000	fine idea	NA.	414	NA.
8A. p-Chloro-m-Cresol (59-50-7)	×		×	> 01	0 000	NA	474	MA	AM	,	186	IUS/USY	VV.	2	NA.
9A. Pentachlorophenol (87 - 86 - 5)	×				0.014	MA	AIA	5 4	WW.		in the	iDS/08y	NA	NA	NA.
	>		T		2000	NA.	4 2	NA.	W.	ger	ngv	(DS/day	AN	NA	NA
2 & R. Trichiomorhami (88 - 08 - 0)	< >	-	T		0.003	AA .	Y :	V.	NA	1	ng/L	ths/day	NA.	NA	NA
C. Bases/Macrobial Communication	<		7	> 0	0.003	V	ď Z	NA	VA.		UQ/L	lbs/day	NA	NA	NA
18 Acenachthene (R3-30-0)	-	-	>	ANA	***	1414	-	1200							
			< 5	NA.	X :	Z :	X Z	AN	NA	0	NA	NA	NA	NA	NA
	1		< >	X :	KN ;	NA	AN	AN	N.A.	0	NA	NA	NA	NA	NA
			×	NA	A.N	KZ.	KN.	Y X	NA	0	NA	NA	NA	NA	NA
			×	NA	A'N	NA	NA	NA	NA	0	NA	××	NA	NA NA	NA
			×	NA	NA	NA	NA	NA	NA.	0	NA	NA	NA	NA	NA
			×	A N	NA	NA	NA	NA	AN	0	NA	NA	NA	NA	NA
			×	NA	AN	NA	NA	NA	A Z	0	NA	NA	NA	NA	NA
			×	NA	NA NA	NA	NA	NA	NA	0	NA NA	NA	NA	NA	NA
			×	NA	AN	NA	AN	NA	NA	0	NA	×××	NA	NA	NA
			×	NA	NA	NA.	NA	AN	NA	0	NA	NA	NA	NA	NA
			×	AN	AN	AN	NA	AN	AN	0	NA	NA	NA	NA.	NA
			×	NA	AN.	AN	NA	AN.	NA	0	NA	NA	NA	NA	NA
			×	NA	NA	AZ.	AN	NA	ZZ	0	NA	AN	NA	NA	NA
			×	NA	AN	NA	Z Z	AN	NA	0	NA	NA	NA.	NA	NA
			×	NA	AN	NA	XX	NA	XX	0	NA	NA	NA	NA	NA
			×	NA	NA	NA	AN AN	AN	NA	0	NA	NA.	NA	AN.	NA
			×	NA	NA	NA	NA	AZ	Z	0	NA	NA	NA	NA	NA
			×	NA	NA	NA	AN	NA	NA	0	NA	NA	NA	NA.	NA
			×	Y X	NA	NA	NA	NA	Z	0	KZ.	NA	NA	NA	NA
			×	AN	AX	AN	AN AN	AN	NA	0	NA	NA	NA	NA	NA
- 1			×	NA	NA	NA	AN	×××	AN	0	NA	NA	N.	NA	NA
			×	NA	NA	A Z	AN	NA	NA	0	NA	NA	NA	NA	NA
			×	NA	AN	AN	NA	AN	AN	0	NA	NA	NA	NA	NA
24B Clethyl Phthatete (84 - 65 - 2)			×	AN	VX	Y.	Z	NA	NA	0	XX	NA	NA	F.3	NA
25B. Dimethyl Phthalate (131-11-3)			×	NA	NA	NA	NA	AN	NA	c	NA	NA	AIA	414	N.A

ENTERGY OPERATIONS, INC. - River Bend Station

					EPA I.D	NUMBER LAD	070664818						OUTFALL	NUMBER	002 (1)
	2 a.	26.	2 c.			3.	EFFLUENT				4. U	NITS	The same of the same of	TAKE (OPT	Contraction and Contract Contract
1. POLLUTANT		BELIEVED		-		b MAXIMUM 30	DO DAY VALUE	c. LONG TERM	AVERAGE (LTA) H. NO	OF	8.	b.		VALUE	b. NO. OF
AND CAS NUMBER 268. Di-n-Butyl Phthalaie (84-74-2)	HEQUIRED	PRESENT		(1) CONC.	(2) MASS	(1) CONC.	(2) MASS	(1) CONC.	(2) MASS ANAL	YSE S	CONC.	MASS	(1) CONC.	(Z) MASS	ANALYSE'S
27B. 2.4 - Dinitrotoluene (121 ~ 14 - 2)	+		X	NA	NA	NA	NA	NA	NA	0	NA	NA	NA	NA	NA
28B 2.6-Dinitrotoluene (906-20-2)			X	NA	NA	NA	NA	NA	NA	0	NA	NA	NA	NA	NA
			X	NA	NA	NA	NA	NA	NA	0	NA	NA	NA	NA	NA
298 Di-n-Octyl Phthalate (117-84-0)	-	-	X	NA	NA	NA	NA	NA	NA	0	NA	NA	NA	NA	NA
308. 1,2 - Diphenylhydrazine (122-66-7)	-	-	X	NA	NA	NA	NA	NA	NA.	0	NA	NA	NA	NA	NA
31B. Fluoranthene (206-44-0)	-		X	NA	NA	NA NA	NA.	NA	NA	0	NA	NA	NA	NA	NA
32B. Fluorene (86 – 73 – 7)		-	X	NA	NA	NA	NA	NA	NA	0	NA	NA	NA	NA	NA
339. Hexachlorobenzene (118-74-1)			X	NA	NA	NA	NA	NA	NA	0	NA	NA	NA	NA	NA
34B. Hexachlorobutadiene (87-68-3)	4		X	NA	NA.	NA.	NA	NA	NA	0	NA	NA	NA	NA	NA
359 Hexachlorocyclopentadiene (77 – 47 – 4)	-		X	NA	NA	NA	NA.	NA	NA	0	NA	NA	NA	NA	NA
36B. Hexachloroethane (67-72-1)	-		X	NA	NA.	NA	NA	NA	NA NA	0	NA	NA	NA	NA	NA
37B. Indeno (1,2,3-cd) Pyrene (193-39-5)			X	NA	NA.	NA	NA	NA	NA NA	0	NA	NA	NA	NA	NA
38B. Isophorone (78 – 59 – 1)	-		X	NA	NA.	NA	NA	NA	NA	0	NA	NA	NA	NA	NA
39B. Naphthalene (91-20-3)			X	NA	NA	NA	NA	NA	NA	0	NA	NA	NA	NA	NA
40B. Nitrobenzene (98-95-3)			X	NA	NA	NA.	NA	NA.	NA	0	NA	NA	NA	NA	NA
41B. N - Nitrosodimethylamine (62-75-9)			X	NA	NA	NA	NA	NA	NA	0	NA	NA	NA	NA	NA
42B. N - Nitrosodi - n - Propylamine (621 - 64 - 7)			X	NA	NA	NA	NA	NA	NA	0	NA	NA	NA	NA	NA
43B. N - Nitrosodiphenylamine (86 - 30 - 6)			X	NA	NA	NA	NA	NA.	NA	0	NA	NA	NA	NA	NA
448. Phenanthrene (85-01-8)			X	NA	NA	NA	NA	NA	NA	0	NA	NA	NA.	NA	NA
458. Pyrene (129-00-0)			X	NA	NA	NA:	NA	NA	NA	0	NA	NA	NA	NA	NA NA
46B 1,2,4 - Trichlorobenzene (120 - 82 - 1)			X	NA	NA	NA	NA	NA	NA	0	NA	NA	NA	NA	NA
Part C - Pestickles													100	1407	THE ST
1P. Aldrin (309-00-2)			X	NA	NA	NA	NA	NA	NA	0	NA	NA	NA	NA	N/A
2P. alpha - BHC (319 - 84 - 6)			X	NA	NA	NA	NA	NA	NA	0	NA	NA	NA	NA	NA NA
3P. beta - BHC (319 - 85 - 7)			X	NA	NA	NA	NA	NA	NA	0	NA	NA	NA	NA	NA NA
4P. gamma-BHC (58-89-9)			X	NA	NA	NA	NA	NA	NA	0	NA	NA	NA	NA	NA
5P deita - BHC (319 - 86 - 8)			X	NA	NA	NA	NA	NA	NA	0	NA	NA	NA	NA	NA NA
6P. Chlordane (57 - 74 - 9)			X	NA	NA	NA	NA	NA	NA	0	NA	NA	NA	NA	NA NA
7P. 4,4-DDT (50-29-3)			X	NA	NA	NA	NA	NA	NA	0	NA	NA	NA	NA NA	
BP. 4,4-DDE (72-55-9)			X	NA	NA	NA	NA	NA	NA	0	NA	NA	NA	NA NA	NA
9P. 4,4-DOD (72-54-8)			X	NA	NA	NA	NA	NA	NA NA	0	NA	NA	NA NA	and the same of the same of	NA
10P. Dieldrin (60-57-1)			X	NA	NA	NA	NA	NA	NA	0	NA	NA	1700	NA	NA
11P. alpha - Endosulfan (115-29-7)			X	NA	NA	NA	NA	NA	NA NA	-	NA	-	NA	NA	NA
12P. beta - Endosulfan (115-29-7)			X	NA.	NA	NA	NA	NA	NA NA	0		NA	NA	NA	NA
13P Endosulfan Sulfate (1031 - 07 - 8)			X	NA	NA	NA	NA	NA NA	NA NA	0	NA	NA	NA	NA	NA
14P. Endrin (72-20-9)			X	NA	NA	NA	NA	NA	NA NA	0	NA	NA	NA	NA	NA
15P. Endrin Aldehyde (7421-93-4)			X	NA	NA	NA	NA	NA NA		0	NA	NA	NA	NA	NA
16P. Heptachlor (76-44-8)			X	NA	NA	NA	NA	The second secon	NA	0	NA	NA	NA	NA	NA
17P. Heptachlor Epoxide (1024 - 57 - 3)			X	NA	NA NA	NA NA		NA	NA	0	NA	NA	NA	NA	NA .
18P. POB - 1242 (53469 - 21 - 9)			X	NA NA	NA NA	NA NA	NA NA	NA	NA	0	NA	NA	NA	NA	NA
19P. POB - 1254 (11097 - 69 - 1)			X	NA NA	NA NA	NA NA		NA NA	NA	0	NA	NA	NA	NA	NA
20P PO8 - 1221 (11104 - 28 - 2)			X	NA NA	NA NA	NA NA	NA NA	NA NA	NA	0	NA	NA	NA	NA	N.A
21P. POB - 1232 (11141-16-5)			X	NA	NA NA	NA NA	NA NA	NA	NA	0	NA	NA	NA	NA	NA
22P. POB - 1248 (12672-29-6)		-	X	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA	0	NA NA	NA NA	NA NA	NA	NA

ENTERGY OPERATIONS, INC. - River Bend Station

			واللبا		EPA I.D	NUMBER LAD	070664818						OUTFAL	NUMBER	002(1)
	2 8	26.	2 c.		R. E. III	3.	EFFLUENT				4. U	NITS	5. IN	TAKE (OPT	KINALI
1. POLLUTANT	TESTING	BELIEVED	BETEAED	* MAXIMUM D	HAILY VALUE	b.MAXIMUM 3	DAY VALUE	c. LONG TERM	AYERAGE (LTA)	d. NO. OF		b.	a LTA	VALUE	b. NO. OF
AND CAS NUMBER	REQUIRED	PRESENT	ABSENT	(1) CONC.	(2) MASS	(1) CONC.	(2) MASS	(1) CONC.	(Z) MASS	ANALYSES	CONC	MASS	IN COMO	em Mace	ANALYSE!
23P. POS - 1260 (11096 - 82 - 5)			X	NA	NA	NA	NA	NA.	NA.	0	NA	NA	NA NA	NA.	NA
24P. POB -1016 (12674-11-2)			X	NA	NA.	NA	NA	NA.	NA NA	0	NA	NA	NA	NA	-
25P Toxaphene (8001-35-2,			X	NA	NA	NA.	NA	1	NA NA		NA	NA NA	NA NA	NA NA	NA NA

Outfall 002 consists of waste streams which are intermittently routed to two low-volume waste treatment systems [non-radioactive treatment system (002A) and low-level radioactive treatment system (002B)]. The discharges from each treatment system are separately sampled and analyzed. The separate results are combined (flow-we _inted) and characterized as the final results for Outfall 002

(2) The individual analytical results are shown for both Outfalls 002A and 002B (in parentheses) because it is inappropriate to flow—weight the results for this parameter.

(3) These parameters are found on Table V of the U.S. Environmental Protection Agency Form 2C, however, they are not required to be tested in accordance with 40 CFR 122.21(g)(7) and 40 CFR 122 Appendix D Table II.

(4) 2-Chloroeth, in the ther was not detected, it is known to hydrolyze in the presence of dilute acid.

Notes: The daily average combined flow rate of 0.033 MGD (0.018 MGD and 0.015 MGD at Outfalls 002A and 002B, respectively) obtained during the sampling period from 6/21/95 (002B) and 6/22/95 (002A) was used to calculate the mass for those parameters (except for mercury) for which only one laboratory analysis was performed.

A sample for mercury analysis was collected on 8/29/95 at Outfall 002A. The flow rate corresponding to this sample was 0.022 MGD. For Mercury, the results from the two separate sampling events (one at 002A on 6/21/95), and the other at 002B on 6/21/95) are combined (flow—weighted) to get the final results at Outfall 002.

The monthly DMR forms for 24 months (February 1993 through January 1995) for flow data and 12 months (February 1994 through January 1995) for all other parameters were used to calculate the Maximum Daily Value, Maximum 30 Day Value, and the Long Term Average Value for those parameters that are routinely monitored pursuant to Entergy's NPDES and LWDPS permits.

All analytical results reported with a "less than" sign (<) were either (1) not detected in the effluent sample at or above the analytical method detection limit achieved by the applicable laboratory analytical method of (2) not detected and quantifiable at the practical quanatitation limit achieved by the applicable laboratory analytical method. Also, if one of the results among the two samples (002A and 002B) was less than method detection limit, the combined result is reported with a "less than" sign (<). Further, if a parameter was detected at either 002A or 002B, then the parameter is believed present.

NA = Testing not required; no data available.

* No analytical data were available for Total Radium for Outfall 002B due to a laboratory error.

the same and the same of the s	And the second control of the party of the p	-	71.00	MINISTER LAS	AUU/U664818	-	The second secon			OUTFALL NUMBER	NO MESSET	0003 (1)
Y. INTAKE AND EFFLUE MT CHARACTERISTICS	(Continue)	(Cortinued From Page 3 of Form	f Form 2C)									
Part A												
				EN.	2. EFFLUENT		and the same and supplemental and an arrangement of the same and the s		3. UNITS	A. INT	4. INTAKE (OPTIONAL)	JAME.)
POLLUTANT		a. MAXIMU	MON	b. MAXIMUM	D. MAXIMUM 30 DAY VALLE	e. LONG TERM	C. LONG TERM AVERAGE (LTA) d. NO. OF		ú	A LTA VALLE	MILE	b. NO. OF
		(1) COMC	(2) 164	(1) CONC	(Z) MASS	(1) CONC	(Z) MASS ANALYSES	S CONC.	MASS	(1) CONC.	CONC. (Z) MASS	ANAL YSE'S
					₹Z		NA	1 mg/L	lbs/day	NA	NA	NA
		v.		NA			NA	1 mg/L	lbs/day	NA	NA	N.
		60	37 001		NA	NA	NA	1 mg/L	lbs/day	AZ.	NA	NA
		v	1< 0.003		NA	AN	NA	1 mal	Ps/day	NA	NA	NA
		0	0.1 0.0002	NA	AN		NA	1 mon	lhs/r/av	¥2	NA	NA
f. Flow		VALUE	0.0004	I VALUE	NA	VALUE	NA	1 MGD	NA	NA	NA	NA
g Temperature (summer)		VALUE	31.1	VALUE	NA	VALUE	NA	Je F	NA	NA	ALA	NA NA
h. Temperature (winter)		VALUE	NA	VALUE	NA		NA		NA	N.A.	N.A.	NA NA
100		MINIMUM	MAXIMUM 6.77								4	2
Part B		0						a s	×	NA	NA N	NA
	2 m 2 b.			6	3. EFFLUENT			4.0	UNITS	S. INTAKE	AME (OPTIONAL)	SMAL 3
1. POLLUTANT			B. MANDMUM DAILY VALUE	b. MAXIMUM:	B. MAXIMUM 30 DAY VALUE	C. LONG TERM	C. LONG TERM AVERAGE (LTA) d. NO. OF		· P	B. LTA		B. NO. OF
	PRESENT ABSENT	(1) CONC	(Z) MASS	(1) CONC.	(Z) MASS	(1) CONC.	(Z) MASS ANALYSES	S CONC.	MASS	(1) CONC.	(Z) MASS	ANA! YEE S
	×	Z	NA NA	NA NA	NA	NA	NA	NA	NA		NA	NA
b Chiorine Total Festidual	×	Z	NA NA	NA	NA	NA	NA	O NA	NA	NA	NA	NA
	×	22/25	5 NA	NA	NA	NA	NA	1 APHA Unite		NA	NA	NA
	×	v	1 NA		NA	NA	NA	1 Col./100 mi		NA	NA	NA
e +tuonde (16364 - 48 - 8)	×	0	0.1 < 0.0003	NA	NA	NA	NA	1 mail	lbs/day	NA	NA	NA
1 Nitrate - Nitrite (as N)	×	z	NA NA	NA	NA	NA	NA	NA O	NA	NA	AN	NA
g Nitrogen, Total Organic (as N)	×	v	1 < 0.003	NA	NA	NA	NA	1 mall.	lbs/day	NA	NA	NA
n Oil & Grease	×					NA	NA	1 mg/L	tbs/day	NA	X	AN
1 Prospiorus (as P), 10tal (7723-14-0)	×	00	× 000			NAN	NA	1 mg/L	(bs/day	AN	NA	NA
	×					NA	NA	1 pc/A	NA	NA	NA	NA
Hadioactwity - (2) beta, Total	×					₹Z	AM	1 pcl/L	NA	NA	NA	NA
Hadioactivity - (3) Hadium, Total	×	v				NA	NA	1 pc//	NA	NA	NA	NA
Hadioactivity - (4) Hadium 226, Total	×	0				NA	NA	1 PCIA	NA	NA	NA	NA
K. Sulfate (as 50.) (14808 - 79-8)	×	33.6				A Z	NA	1 mg/L	lbs/day	NA	NA	NA
	×	z		NA	NA	NA	NA	NA	NA	NA	NA	NA
21	×	Z			NA	NA	AN	O NA	NA	NA	NA	NA
	×	O V			NA	NA	NA	1 mg/L	(bs/day	NA	NA A	NA
	×	O V	V			NA	NA	1 mg/L	ibs/day	NA	NA	NA
	×	0 120	0 0000	NA	N N	NA	NA	1 mg/L	lbs/day	NA	NA	NA
q 50000, 10tal (7440-42-8)	×	NA			NA	NA	NA	NA O	NA	NA	NA	NA
	×	NA	NA NA	NA	NA	AN	NA	O NA	NA	AN N	NA	NA
s Iron, lotal (74.59 - 89 - 6)	×	0 309	0		NA	NA	NA	1 mg/L	fbs/day	Y.	NA	NA
	×	9 68			NA	NA	NA	1 mg/L	ibs/day	NA	NA	NA
u. Mołybdenum, Total (7439–98-7)	×	NA			NA	NA	NA	O NA	NA	NA	NA	AN
	X	06 >	× 0 0 0		NA	NA	NA	1 mg/L	lbs/day	A N	NA	V.
W III, 10(3) (7440-31-3)	× ;	NA		NA	¥Z	NA	NA	O NA	NA	AN.	NA	NA
x (namum, rotal (/440-32-6)	K	Z	NA	NA	XX	NA	NA	O NA	NA	NA.	NA	NA

AND CAS NUMBER AND CAS NUMBER Pear C. Met ale, Cyande, and Total Phenois IM Antimony, Total (7440–36-0) 2M Arsenic, Total (7440–41-7) 4M Cadmium, Total (7440–43-9) 5M Copper, Total (7440–47-3) 6M Copper, Total (7440–50-8) 7M Lead, Total (7440–50-8) 7M Lead, Total (7440–50-8) 7M Nercury, Total (7499–97-6) 9M Mercury, Total (7490–92-4) 10M Selenium, Total (7440–22-4) 12M Thallium, Total (7440–28-0) 13M Zinc, Total (7440–28-6) 14M Cyanide, Total (7440–56-6) 15M Phenois, Total (7440–56-6)	ZA. Zb. Zc. TESTING BELEVED BELEVED	25.	20			9	EFFLIENT				A. UN	ITE	S MITA		No.
AMD CAS MUNEER Periods and Total Phenod 1M Antimony, Total (7440–36–0) ZM Ansenic, Total (7440–38–2) ZM Arsenic, Total (7440–41–7) 4M Cadmium, Total (7440–47–9) 5M Chromium, Total (7440–47–9) 5M Chromium, Total (7440–47–9) 5M Chromium, Total (7440–47–9) 7M Lead, Total (7440–92–1) 7M Mercury, Total (7439–97–6) 7M Nickel, Total (7440–22–4) 12M Sheer, Total (7440–22–4) 12M Cyanide, Total (7440–22–4) 13M Zinc, Total (7440–56–6) 14M Sheer, Total (7440–52–7) 15M Zhonois, Total (7440–55–7)	TESTING	THE PARTY					The second secon	Name and Address of the Owner, where					STATE OF	MA REPTROMAL	SPANL 3
Prent C - Mediate, Cyceride, and Total Phenotol 1M. Antimony, Total (7440–36–0) 2M. Ansenic, Total (7440–38–2) 3M. Beryllium, Total (7440–47–7) 4M. Cadmium, Total (7440–47–9) 5M. Chromium, Total (7440–47–3) 5M. Chromium, Total (7440–47–3) 7M. Lead, Total (7439–92–1) 8M. Mercury, Total (7459–92–1) 7M. Selenium, Total (7460–02–0) 10M. Selenium, Total (7440–28–0) 11M. Silver, Total (7440–28–0) 12M. Thallium, Total (7440–28–0) 13M. Zinc, Total (7440–56–6) 14M. Cyanide, Total (7440–56–6) 15M. Phenois, Total (7440–58–0) 15M. Phenois, Total (7440–58–1)	145-7 36 165-8- 73	HE CHINE DI DUE OF WIT ADOCUTE	BELEWED ADORANT	a MAXIMUM D	MILY VALUE	AXIMUM	VALLE	c. LONG TERM	2	d. NO. OF		۵		ALLE	b. NO. OF
1M. Antimory, Total (7440–36–0) 2M. Arsenic, Total (7440–38–2) 3M. Beryllium, Total (7440–43–9) 5M. Cadmium, Total (7440–43–9) 5M. Chromium, Total (7440–47–3) 5M. Chromium, Total (7440–47–3) 7M. Lead, Total (7440–50–8) 7M. Mercury, Total (7440–22–1) 7M. Nickel, Total (7440–22–4) 10M. Silver, Total (7440–22–4) 11M. Silver, Total (7440–22–4) 12M. Thallium, Total (740–28–0) 13M. Zinc, Total (740–28–0) 13M. Zinc, Total (740–56–5) 14M. Cyanide, Total (740–55–5) 15M. Phenois, Total		116.36.31	MCC N	(1) COMC.	(Z) MASS	(1) COMC.	(Z) MASS	(1) CONC.	(Z) MASS P	ANAL YSES	COMC	MASS ((1) CONC.	(Z) MASS	ANALYSES
Arsenic, Total (7440 - 38 - 2) Beryllium, Total (7440 - 41 - 7) Cadmium, Total (7440 - 43 - 9) Chromium, Total (7440 - 47 - 3) Copper, Total (7440 - 50 - 6) Lead, Total (7439 - 92 - 1) Mercury, Total (7439 - 97 - 6) Nickel, Total (7439 - 97 - 6) Selenium, Total (7420 - 22 - 4) Thaillium, Total (7440 - 28 - 0) Zinc, Total (7440 - 86 - 6) Cyanice, Total (7440 - 86 - 6) Cyanice, Total (7440 - 86 - 6)			×	NA	AN		NA			C	MM	NIA	MIA	404	***
Beryllium, Total (7440-41-7) Cadmium, Total (7440-43-9) Chromium, Total (7440-43-9) Chromium, Total (7440-80-6) Lead, Total (7439-92-1) Mercury, Total (7439-97-6) Nickel, Total (7439-97-6) Selenium, Total (7440-02-0) Selenium, Total (7440-22-4) Thaillium, Total (7440-28-0) Zinc, Total (7440-86-6) Cyanice, Total (7440-86-6)			×	NA.	AN	NA.	MM	N. A.	NA.	0 6	NA NA	42	NA NA	NA	V.
Cadmium, Total (7440–43–9) Chromium, Total (7440–43–9) Copper, Total (7440–50–8) Lead, Total (7439–92–1) Mercury, Total (7439–97–6) Nickel, Total (7429–97–6) Selenium, Total (7429–92–2) Selenium, Total (7440–22–4) Thallium, Total (7440–28–0) Zinc, Total (7440–28–0) Zinc, Total (7440–56–6) Phenols, Total			×	NA	NA		NAN			0	NA	NA	NA	NA	NA NA
Chromium, Total (7440 - 47 - 3) Copper, Total (7440 - 50 - 8) Lead, Total (7439 - 92 - 1) Mercury, Total (7439 - 97 - 6) Nickel, Total (740 - 02 - 0) Silver, Total (7782 - 49 - 2) Silver, Total (7440 - 28 - 0) Thallium, Total (7440 - 28 - 0) Zinc, Total (7440 - 56 - 6) Zinc, Total (7440 - 56 - 6)			×	NA	NA	NA	NA			0	NA	NA	NA	NA	NA
Copper fotal (7440–50–8) Lead, Total (7439–92–1) Mercury, Total (7439–97–6) Nickel, Total (7440–02–0) Selenium, Total (7782–49–2) Silver, Total (7440–22–4) Zinc, Total (7440–28–0) Zinc, Total (7440–56–6) Cyanide, Total (57–12–5) Phenols, Total			×	¥Z	AN		AN.			0	NA	NA	NA	NA	NA
			×	NA	AN		AX	NA		0	N.	NA	NA	NA	NA.
			×	NA.	NA		NA			0	MA	NA	NA	AN	NA.
			×	NA	NA		NA			0	NA	NA	NA	NA	NA
			×	NA	NA		AN		AN	0	N.	NA	NA	NA	NA
			×	NA	NA		AN.	NA	AN	0	NA	NA	NA	NA	NA
			×	AN	KN		NA		AZ.	0	AN	NA	NA	NA NA	NA NA
13M. Zinc, Total (7440–66–6) 14M. Cyanide, Total (57–12–5) 15M. Phenols, Total			×	AN	NA		XX		AN	0	NA	NA	NA NA	NA NA	NA NA
14M. Cyanide, Total (57-12-5) 15M. Phenois Total			×	NA	NA		NA		AN	0	NA N	NA.	NA	NIA	NA
15M Phenois, Total			×	AN	NA	AN	Z	NA	AZ.	0	AN	NA NA	NA	NA	MA
Distriction			×	NA	AN	K Z	AN	NA	A.N	0	NA	42	NA.	NA	MA
Concession														140	
2,3,7,8-Tetrachlorodibenzo-P-Dioxin(1764-01-6)	64-01-6)		×	NA	NA	A Z	NA	NA	AN	0	NA	NA	NA	NA	NA
9														La Carte	
			×	NA	A N	AN	AN	NA	AN	0	NA	42	NA	NA	NA
			×	NA	NA	AN	AN	AN N	NA.	0	NA	N.A	NA	NA	NA
			×	KZ Z	NA	NA	NA	AX	NAN	C	V	NA	NA	MA	ALA
			×	AN	NA	NA	NA	X	AX.	0	NA	NA	NA	NA	NA NA
			×	NA	NA	NA	NA	AN N	AN A	C	NA	NA	NA.	NA	NA
			×	NA.	NA	NA	KZ.	AN N	NA	0	NA	NA	NA	NA N	NA
Chloroberzene (108-90-7)	The second secon		×	Y Z	NA	NA	AN	AN	NA	0	NA	NA	NA	NA	NA
			×	NA	NA	NA	NA	AN	NA	0	NA	NA	NA	NA.	NA
			×	NA	A N	NA.	AN	NA	V.	0	NA	NA	NA	NA	NA
			×	NA	NA	AN AN	AN AN	AZ.	NA	0	NA	NA	NA	NA	AN.
			×	AZ	NA	AN	« »	AN	NA	0	NA	NA	NA	NA	NA
			×	AN AN	NA	AN	AN	AN	NA.	0	NA	NA	NA	NA	AN
			×	NA	NA	NA	NA	AN	NA	0	NA	NA	AN	NA	NA
			×	AZ.	NA	NA	NA	KZ Z	NA.	0	N.	NA	NA	NA	NA
			×	NA.	NA	NA	AN	NA	NA	0	NA	NA	N.	NA	NA
19W 1 - Chambron Were (13-33-4)			×	VA	NA N	NA NA	AN	AX	NA	0	NA	A N	NA	NA	NA
			×	AN	NA	NA.	NA	NA	AN	0	NA	NA	NA	NA	NA
			×	AX	XX	NA	A N	NA	NA	0	NA.	NA	NA	NA	NA
			×	NA	NA	AN	AN	ZZ	NA	0	N.	NA	NA	NA.	NA
			×	NA	NA	NA	AN	AN	NA	0	NA N	NA	NA	NA	NA AN
			×	VX.	AZ.	N.A.	YZ.	XX.	NA	0	NA	NA	NA	XX	NA NA
22V 1122 Tetrachlorosters (75-09-2)			×	NA	XX	KN.	AN	NA	AN	0	NA	NA	NA	NA	NA
Ŧ	íc		× 3	AN	AZ	NA	NA	NA	NA	0	NA	NA	NA	NA	NA
	The second section is not second		K	YZ :	YZ :	ZZ	YZ.	NA	NA	0	NA	NA	NA A	NA NA	NA
			K	×	NA	NA	NA	NA	NA	0	NA	NA	NA	NA	NA

Continued

Chation	Station
Rond	2
River	10411
1	1
CN	2
PERATIONS	
0	1
ENTERGY	

		The second second			EPA I	D. NUMBEH (ALXI) 70654818	0070664818						CUTFALL	OUTFALL NUMBER	(3) 53.0
	28	26.	U.V			ei	EFFLUENT				A. UN	UNITS	S. INT	S. INTAKE (OPTIONAL)	16
AND CAS MISMETH	PECHING BELEVED BELEVED	LEVED BE	ARG NT	R MAXIMUM	SAILY VALUE	b. MAXIMUM 3	B. MAXIMUM 30 DAY VALUE	C. LONG TERM AVERAGE (LTA) &	NVERAGE (LTA)	d. NO. OF	6	ò	S. LTA VALLE	VALLE	b. NO. OF
26V 12-Trans-Dichiomethylone (196-187-5)				Alk Alk		(i) come	(z) MASS	(1) COM(2)	(Z) MASS	AMAL YSE'S	COMC	MASS	(1) COMC.	8	ANALYSES
J.,			C 26	ALA			W.		NA.		ď.	NA	NA	NA	NA
			× ×	N.A.	-	N. S.	AN .		NA.		NA.	NA	NA	NA	NA
	-		×	AN AN			Z Z	AN AN	AN .	0 0	NA :	AN :	NA.	×.	NA
30V Trichlorofluoromethane (75-69-4)		-	×	NA			43		NA		WW.	NA :	NA :	NA :	AN :
31V Vinyi Chloride (75-01-4)		-	×	NA	AN		42	2 2	NA.		NA .	NA .	NA :	KN :	Y :
Part CActs Compounds								2	W.	5	NA.	5	NA	NA	NA
1A. 2-Chlorophenol (95-57-8)			×	NA	NA	AN	AM	NA	MA	c	ALA	ALA	****	****	***
2A. 2.4-Dichiorophenol (120-83-2)			×	NA			AM		AN AN	0 0	47	NA NA	NA NA	NA .	× :
3A. 2,4-Dimethylphenol (105-67-9)			×	NA			NA.		MA	0 0	NIA NIA	NA NA	NA A	NA 4	\$:
4A. 4.6-Dinitro-o-Cresol (534-52-1)			×	NA			NA		AM	0 0	NA.	NA	NA NA	NA NA	NA .
			×	NA	NA	NA	AN		NA	0	NA	NA	NA NA	NA NA	NA NA
6A. 2 - Nitrophenol (88 - 75 - 5)			×	MA			NA		NA	0	NA	MA	NA	NIA.	NA NA
7A. 4-Nitrophenol (100-02-7)			×	0.0	AN		Z		MA	0 0	NA	N.A.	W. W.	NA NA	W .
8A. p-Chloro-m-Cresol (59-50-7)			×	A ST	NA		AN	AN	42	0 0	N.A.	NA NA	NA AN	N/A	NA .
9A. Pentachlorophenol (87 - 85 - 5)			×		NA		AZ.	MA	AN	0 0	NA NA	MA	NA NA	NA 4	Z S
t0A. Phenol (108-95-2)			×	7	NA		AN.	NA	ALA	2 6	No.	W.	NA .	NA	V.
11A. 2.4,6-Trichlorophenoi (88-06-2)			×		AN		42	A P	NA W	5 6	NA .	W.	Z :	NA	NA
Part C - Base/Neutral Compounds								NA.	TAM	5	2	NA	Z	NA	NA
1B. Acenaphthene (83-32-9)		-	×	NA	AN	AN	MM	42	AiA		****	***		***	
28. Acenaphthylene (208-96-8)			×	NA	AZ.		AN	AN	2 2	0 0	NA AM	NA AU	NA.	NA.	NA.
38. Anthracene (120-12-7)			×	NA	AN		NAN	NA	AM	0	NIA.	NA.	NA A	W.	N.A
4B. Benzidine (92-87-5)			×	NA	NA		NA	AN	42	2 6	NA NA	NA NA	NA NA	NA 4	NA .
5B. Benzo (a) Anthracene (56-55-3)			×	NA	AA		NA	AZ.	AN	0 0	42	NA N	NA NA	NA AN	N/A
			×	AN	NA		NA	NA	AN	0	NA AN	NA N	NA.	MA	NA NA
78 3,4-Benzofluoranthers (205-99-2)			×	AZ.	AN		AN	NA.	AN		NA	NA	NA	N. A.	NIA.
			×	NA	AN.		NA	AN	NA	0	NA	NA N	NA	NA NA	NA NA
			×	NA	NA		NA	NA	X	0	NA	NA	NA	NA NA	NA.
			×	NA	NA		NA	Z	AN	0	NA	NA N	NA	NA NA	NA NA
			×	NA	AN	AN	NA	NA	Z	0	NA	AN	NA.	MA	MA
			×	NA	AN	Z Z	AN	N.	AN	0	NA	NA	NA	NA	NA
			×	NA	NA	ZX.	AN	AN	AN	0	NA	NA	NA	NA	NA
			×	NA	NA	AZ.	AX	AN.	NA	0	XX	NA.	NA	NA	NA
			×	NA	AN	AX	NA NA	NA	NA	0	NA	N.	AN	NA	NA
			×	NA	NA		NA	NA	NA	0	NA	NA	NA	NA	NA.
			×	Z	NA		XX	AN AN	AN	0	NA	AN	NA	NA	NA
			×	NA	KZ	NA	NA	AX	NA	0	NA	XX	NA	NA	a Z
			×	Z Z	NA		AN	AN.	NA	0	NA	NA	NA	NA	NA
			×	NA	A N	NA	NA	NA	NA	0	NA	NA	NA	NA	NA
			×	Z	NA	AN	NA	AN	NA	0	42	NA	AN	NA	NA
			×	NA	AZ.	AN	NA	XX.	NA	0	× Z	N.A.	NA	NA	NA
COST 3,3"-Unchippenzione (91-94-1)			× :	NA	AZ	NA	NA	NA	AN	0	AN	NA	NA	NA	NA
			×	ZZ	AN	XX	NA	NA	NA	0	NA	NA	NA	NA	NA
cod. Uninemyr minalate (131-11-3)		1	ĸ	NA	NA	AN.	XX	AN	NA	0	NA	NA NA	N.	NA	NA.

				EPAIL	LD. NUMBEH LAD	070664818						OUTFALL NUMBER	NUMBER	(1) 8000
	2a 2b.	20			85	EFFLUENT				4. UNITS		S INTAKE	ENS. REDITE	RIDITIONAL 1
1. POLLUTANT	TESTING BELEVED BELEVED	ED BELEVEL	a MAXIMUM D	MALY VALLE	6 MAXIMUM 30	30 DAY VALLE	C. LONG TERM	AVERAGE (LTA)	d. NO. OF				ALIE	h NO OF
	RECKINED PRESENT	NT ABSENT	(1) CONC.	(Z) MASS	(1) COMC.	(2) MASS			WAL Y	CONC	55	(1) COMC: 1	PUN MARKE	
		×	NA	AN	NA	AN	AN	1		NA	7	NA		NA
		×	NA	NA	NA NA	NA	AN	NA	0	NA	NA	NA	NA	NA.
		×	NA	NA	N	NA	NA	NA	0	NA	NA	NA	¥Z	NA
		×	NA	NA		NA	A'N	NA	0	KN	NA	NA	AN	NA
- 10		×	AX	NA		NA	NA	NA	0	NA	AN	NA	NA	NA
		×	AN	NA	NA	NA	NA	NA	0	NA	NA A	NA	NA	NA
		×	NA	NA	AN	NA	NA	NA	0	NA	NA	NA	NA	NA
		×	&Z	NA	AN	NA	A.N.	NA	C	NA	NA	NA	MIA	472
34B Hexachlorobutadiene (87 - 58 - 3)		×	NA	AN	NA	AN	AN	NA	0	NA	MA	MA	N. A.	NA PER
358 Hexachlorocyclopentadiene (77 - 47 - 4)		×	NA	AN		NA	NA	NA	0 0	NA A	N.A.	W	NA S	NA.
36B Hexachloroethane (67-72-1)		×	NA.	NA		NA	NA	N. A. A.	0 6	5 2	4	NA .	NA.	Z :
37B. Indeno (1,2,3-cd) Pyrene (193-39-5)		×	AN	AN		NA	NIA	4.3	0 0	NA VI	XX.	NA.	NA :	NA :
38B (sophorone (78-59-1)		×	NA	42		AIA	N. W.	K .	0	NA	d i	NA.	NA.	NA
39B Naphthalene (91-20-3)		>	NA	AIA		42	AN.	A Z	0	NA	NA	NA	NA N	NA
408 Nitrobenzene (98 - 95 - 3)		< >	100	2		NA	NA.	NA	0	NA	NA	NA	NA	NA
		<)	d'A	NA.		ď.	MA	NA	0	NA	NA	NA	NA	NA
A Microsocinien yisimine (oz - 73-9)		K	NA.	NA		NA	NA	NA	0	NA	NA	NA	NA	NA
		×	NA	NA		NA	NA	NA	0	NA N	NA	NA	NA	NA
		×	Z Z	NA		A.N.	NA	AN	0	NA	NA	NA	NA	NA
		×	NA	AN	NA	NA	NA	NA	0	NA N	NA	NA	NA	NA
Pyrane (129-00-0)		×	AN	NA	AN	NA	NA	AZ	0	NA.	NA	NA	NA	MA
468 1,2,4 - Trichlorobenzene (120-82-1)		×	NA	NA	AN	AN	AN N	NA	0	NA	NA	NA N	47	NA
ger I										-			VA.	NA.
		×	NA	AN	AN	NA	NA	NA	C	NA	MA	MA	818	***
		×	AZ.	NA	NA.	NA.	. IA	42	0	NA	N.A	NIA.		414
		×	AN	AN	A'N	NA	NA	2	0	NA	NA	NIA.	NA.	W
4P. gamma - BHC (58 - 69 - 9)		×	NA	NA	NA	AM.	NA	KA	0 0	AIA	NIA.	NA.	NA.	WP:
		×	NA.	NA	NA	Z	2	42	0 0	NA NA	NIA.	N. W.	NA .	Z :
6P. Chlordane (57-74-9)		×	N. N.	NA	NA	NA	NA	AIA	3 6		V .	NA.	ď.	NA.
7P. 4,4-DOT (50-29-3)		×	NA	NA	Y.	NAN	42	N. N.	0 0	NA 4	Y S	L'A	NA	××.
9P. 4,4-DDE (72-55-9)		×	NA	NA		NA	NIA	4.7	0 0		NA.	NA.	Y.	Z
9P 4,4-DOD (72-54-8)		×	NA	NA.		42	NIA	NA .	5 6	Z :	NA.	V.	NA.	NA
10P. Dieldrin (80-57-1)		×	Z	AN		AM.	4.4	W :	0	NA :	NA	W.	K.	NA
11P. alpha - Endosulfan (115-29-7)		×	KZ.	NA		NA	NA.	4 4	0 0	× :	Z :	NA	× :	NA
12P beta-Endosulfan (115-29-7)		×	AN	NA		NIA	47	W.	0	NA.	ZZ.	NA.	NA	NA
13P Endosulfan Sulfate (1031-07-8)		×	Z.	NA	Z Z	V.	4 2	X :	0 0	NA:	NA	NA N	NA	NA
14P Endrin (72-20-8)		×	AM	MA	N. M.	414	W	NA.	0	NA.	NA	NA	NA	NA N
15P Endrin Aldehyde (7421-93-4)		×	Z Z	NA	NA NA	4 4 4	d :	YA :	0	NA.	NA	NA	AN	NA
167 Heptachlor (76-44-8)		>	AlA	414		K :	Z Z	AN	0	Y.	NA	NA	NA	NA
17P Heptachlor Frontide (1004-57-3)			414	477	A S	d i	×	NA	0	NA	NA	NA	NA	NA
18P PCR - 1242 (53469-21-0)		()	NA.	NA .	Y :	«Z	NA	AN.	0	NA	NA	NA	NA	NA
		< >	Y :	AN	NA	×Z	AN AN	AN	0	NA	NA	NA	NA.	N.A.
		< >	Y :	Z Z	NA	AN AN	YN.	NA	0	NA	NA	NA	NA NA	NA
		×	YZ:	NA NA	Z Z	WZ.	AN	NA	0	NA	NA	NA	A.	NA
		×)	Y :	NA	«X	NA NA	AN	¥Z	0	NA	NA	NA	NA N	NA
		×	NA	ZZ	NA	NA	NA	AN	0	N.A.	NA N	NA	NA	NA

ENTERGY OPERATIONS, INC. - River Bend Station

	7.4		-		The same of the sa	COST CONTRACTOR CONTRA	STREET, SQUARE SERVICE STREET, SQUARE STREET, SQUAR	-	STREET, SQUARE, SQUARE	-	-	4	Water Str. Parker. D.	T. SPORTED BY T	-
	ei N	29.	200			3. EFFLIENT	EFFLLENT				4. UNITS		S. INTA	AE KOPTRO	NA.1
1. POLLUTANT	TESTING	STING BELEVED BELEVED	RELEVED	a MAXIMUM I	DAILY VALLE	6. MAXIMUM 30	# 30 DAY VALLE	E. LONG	TERM AVERAGE (LTA) H. NO. OF	L NO. OF			B. LTA W	MIE	A LTA VALLE IS NO CE
AMD CAS HE MARE R	RECOUNTED	RECAURED PRESENT ABSENT	ABSENT	(1) COMC.	(Z) MASS	(1) COMC	(2) MASS	TH COMC.	PR BEARS IS	SALAL VINCOR	- Lane	Name of	o common or	-	
The same and a same as a same			-				more and find	1	(A) Mercolo	STATE TOT S	CAMPLE.	MARCO K	5 COME	E) BRANSS	AND TOTAL
23- PUB-1200 1030-02-01			×	AN	ZZ	NA	NA	NA	NA O NA	0	O MA MA	MA	AIA	414	414
ALD DOES ALLES ALL ALL ALL			-				1	100	4	5		5	INN	5	MA
(2-11-6/02) (101-001 -42)			×	NA	ZZ	NA					MA	MIA	818	MIR	***
NED Trainmentage 1950's de At			-				and the second name of	-	The second	Ì	100	NA.	NA.	MA	NA
a 1			×	NA	AZ.	NA	MA	NA	MA		MA	Min	818	414	414

non-radiologically contaminated power plant floor drains (well water, lire suppression water, and domestic potable water). It is the wastewater from the third separator (non-stormwater) that was sampled with the analytical (1) Outfall 003 consists of 3 separate sources. Iwo oil/water separators which receive stormwater from the plant electric power distribution transformer yards, and a third oil/water separator which receives wastewater from results presented on this Form 2C. Table 5 in this chocument contains a summary of DMR data for Outfall 003, representing all three sources to the outfall.

Notes. The daily average flow rate of 0,0004 MGD obtained during the sampling event on 6/22/95 was used to calculate the mass for those parameters (except fecal colliform) for which only one laboratory analysis was performed.

The sample for fecal coliform analyses was collected on 6/28/95.

All shalytes results reported with a "less than" sign (<) were either (1) not detected in the effluent sample at or above the analytical method detection limit achieved by the applicable laboratory analytical method or (2) not detected and quantifiable at the practical quantifiable is chieved by the applicable laboratory analytical method.

NA = Testing not required, no data available.

THE PARTY OF THE P	301	The law and T	Acres Dance & ad	The same of				STATE OF THE PERSON NAMED IN	THE PERSON NAMED IN	CHARLES CONTRACTOR OF THE	Delication and States of the last	Properties	Comment with the second	
Part A		T I I I I I I I I I I I I I I I I I I I	Continued From Fage 3 of Form	orm ct.)										
		Г				2. EFFLUENT				4 . 4	INITS	4 847	NET ANE AND TACABLE	CHARLE
1. POLLUTANT			B. MAXIMUM DAIL	DAILY VALLE	b. MAXIMUM	6. MAXIMUM 30 DAY VALUE	C. LONG TERM AVERAGE (1.17"	AVERAGE A.TI	M. NO. OF		4	a 174	A ITAVALIE	h MO OR
			(1) CONC.	(Z) MASS	(1) CONC.	(Z) MASS	(1) CONC.	(Z) MASS		COMC	MASS	ETT CYNNE	I'M MASS	ANAI VOE
			16 88	60	4 30			0.23		mail	lbs/day	NA	NA	NA
			39.3	4.9	NA NA	NA.	NA	NA		mail	lbs/day	NA	NA	V.
			14			NA		NA		mail	lbs/day	NA	NA	NA
			40.9				v	0.25	100	BOR	(he/day	NA	NA	412
e Ammonia (a~ V)			272	0				NA		100	the (day	W.W	200	2
Flow			VALUE	0.043	VALUE	0	VALUE	2000	2.0	1600	(OS/OB)	NA .	NA.	NA :
g Temperature (summar)			VALUE	27.6	Ľ	NA	L	0 4 4		OD W	d :	YY.	NA.	NA:
		I	VALUE	AN		NA.		NA		9	Z :	AN :	NA.	Y.
		F	MINIMIN	MAXIMUM			200	NA.	0	NA.	Y Z	NA	VV	NA
- pt			5.65	8.7.					8	S.U.	NA A	NA	NA.	NA
	-	1												
ANN ALL FROM F	28	26.				3. EFFLUENT				4. UN	UNITS	S. INT	S. INTAKE (OPTIONAL)	ONAL)
AND CAR MO	CONTRACTOR OF THE PARTY	A MED	S. MAXIMUM DAIL	DAILYSALLE	E. MAXIMUM	5. MAXIMUM 30 DAY VALUE	C. LONG TERM AVERAGE (LTA) & NO. OF	NVERACE (LTA)	d NO OF	*	9	R. LTA	TA	B. NO. OF
a Bromide (24959–67–9)	THE SERIE ABOVE N	- N	(1) COMC.	(Z) MASS	(1) COMC	(Z) MASS	(1) CONC.	(Z) MASS	ANAL YSE	COMC.	MASS	(1) CONC.	(Z) MASS	ANAL YSE
		l						AZ.		NA	ZA	NA	NA	MA
	>	<		2				NA	+	mgl	(bs/day	NA	NA	NA
	<	>	001/611		z		Z	AN	-	APHA Units	NA	NA	NA	NA
	×	ľ	4.0	NA O Os	~		~	NA NA	W.	Col /100 ml	NA	NA	NA	×
Nitrate - Nitrite (as N)		Ī	Ch Ch		K			NA	-	mg/L	lbs/day	NA	NA	NA
a Nitrogen Total Organic (as N)		>	36	000				NA	-	mgil	lbs/day	NA	NA	NA
				V		NAM	NA NA	NA .		mg/L	lbs/day	NA.	NA	NA
Phosphorus (as P), Total (7723-14-0)	×		101					NA 414		mg/L	DS/day	ZA.	Z Z	NA
Radioactivity - (1) aipha, Total		×						NA .		mg/L	ibs/day	NA	NA.	NA
Radioactivity - (2) beta, Total (1)								AN 1		DC/U	Y :	NA.	NA	NA
Radioactivity - (3) Radium, Total		×						4 :		PC//L	NA	NA	NA	NA
Radioactivity - (4) Radium 226, Total		Г					N 4	AN S		DCIA	V.	V V	NA	NA
Sulfate (as SO.) (14808-79-8)	×	P						NA		DCI/L	NA	NA	NA	NA
Suffice (as S)		×	NAN	NA			NA A	AN :		mg/L	(bs/day	NA	N.	NA
m Suffite (as SO ₄) (14265-45-3)		×	NA					AN .		NA.	NA.	V	NA	NA
n Surfactants	×		0.13	C				NA.	0	Z Z	NA NA	NA	ZA	NA
o. Aluminum, Total (7429-90-5)		×	NA.	ŀ				NA .	-	mg/L	(bs/day	NA	NA	NA
p. Barlum, Total (7440-39-3)		×	NA				N. A.	NA	0 0	NA :	NA.	N N	NA	NA
q Boron, Total (7440-42-8)		×	XX				N. N.	NA.	0 0	Z Z	NA :	NA	Z.	Z X
Coball, Total (7440-48-4)		×	AN				AN	NA.	0 0	MA	W 42	Y S	Y :	NA S
s. Iron, Total (7439-89-6)	×		1700	600 0			AZ.	MA	2 *	NA.	No.	NA :	Z :	NA :
Magnesium, Total (7439-95-4)	×		2 99				AN	4N		100	libe/rday	NA NA	X :	NA .
u Molybdenum, Total (7439-98-7)		×	NA	AN	NA		NA	AN	0	NA	NA	NA	NA AN	NA
v. Manganese, Total (7439-96-5)		×	NA	NA	NA		AN	Z	0	NA	NA.	V V	NA NA	X X
		×	NA NA		NA		AN	2	0	NA	NA	NA.	NA N	NA
* International (Jakin 20 R)		2	***											1.44.1

Confinsed

L						EPA I.D	EPA LD NUMBER LAD	LADG70954818						CHITEA	CHITEALL MUMBEES	000
		2a 2b	EV.				3	EFFLUENT				4. U	UNITS	S. INT	S. INTAKE (OPTIONAL)	ONA!
	AND CAS NUMBER	PECKING DELEWED RELEWED	WED BELL		R MAXIMUM DA	DAILY VALUE	b.MAXIMUM 30	30 DAY VALLE	e LONG TERM	E LONG TERM AVERAGE (LTA) d. NO. OF	d. NO. OF			A LTA VALLE	MEUE	b. NO. OF
C.	Part CMetals, Cyanide, and Total Phenois			-		Consum Isl	Table Contract	(c) muss	(1) come.	(Z) MASS	ANAL YSES	CONC	MASS	(1) CONC.	(Z) MASS	ANAL YSE'S
2		×		×	> 2900	100	NA	NA	NA	NA	-	mail	line/rdsv	N.A.	NA	N.A
3	Arsenic, Total (7440-38-2)	×		×	> 100	0 0001	NA	X	NA				Pelifier	NA NA	NA NA	NA NA
334	Beryllium, Total (7440-41-7)	×		×	> 10000	0.0001	AN	NA NA	NA			NO.	lbs/day	NA	NA NA	NA NA
400	Cadmium, Total (7440-43-9)	×		×	0.0002 <	0.00003	N N	AN.	NA			POE	ha/dav	NA	NA	N.A
₹	Chromium, Total (7440-47-3)	×	•		> 100		NA	NA				mar	fbs/day	NA	NA	NA NA
100	Copper, Total (7440-50-8)	×		×	0.005 <	1000	NA	AN.			-	mail	Pre-Irian	NA	NA.	N.A.
7.00	Lead, Total (7439-92-1)	×			0.005 <	0.001	NA NA	NA				100	Pre frigate	NA NA	NA AU	NIA NIA
BM	Mercury, Total (7439-97-6)	×		×	> 20000	0 00003	NA	NA	AN.		-	100	Bee tolan	NAME OF TAXABLE PARTY.	NA.	411
36		×		×	0.015 <	0.002		NA	AN			But	Bue John	MA	NA 412	NA .
100		×	*	×	> 2000 0			AN	AN AN			TO BE	(DS/OS)	K .	88	4
1.1		×	*	×		0.0003		42	NA			100	(DS/ORY	Y :	V :	W.
12M	. Thalilum, Total (7440-28-0)	×	*	×	0.003 <	0 0004		A A	NA.			mg/l	(DS/Clay	NA.	NA N	NA.
13M		×			0.326	0.043		NA	NA 4			TION.	lbs/day	NA.	NA	×
14M	Cyanide, Total (57-12-5)		*	×	NA	NA		4 4 4	AN AN			mg/L	lOS/day	NA	NA	NA
15M	Phenois, Total		*	×	42	42		A. A.	2			Y.	NA	×	NA	NA
Dioxin	S	The second secon					NA.	NA	NA	ZA Z	0	Z	NA	NA	Z	NA.
2.3	2,3,78 - Tetrachiorodiberizo - P - Dioxin (1764 - 01 - 6)	30	×	×	NA	420	474	N.A.	***							
Part	Part CVolatile Compounds							NA.	NA.	22	0	NA N	NA	NA.	Y.	NA
17	Acroiein (107-02-8)	×	×	×	25.	0.003	42	MA	AN	ASA	,			-		
2	Acrylontinie (107 - 13 - 1)	×	×	×	25.	0 0003		42	NA			UQU.	(DS/OB)	Z :	NA :	NA :
35	Renzene (71-43-2)	×	×	×	NO.	0 001		NA	NA			1000	iOS/GILY	NA.	NA	XX.
4	Bis (Chloromethyr) Ether (542-88-1) (2)	NA NA		NA	X X	NA		NAN AN	NA		MA	U.S.L	iOS/OBy	V :	NA	NA :
26	Bromoform (75-25-2)	×	×	×	nu A	0 001		Z	NA			WA!	NA.	NA.	NA.	X .
29	Carbon Tetrachloride (56-23-5)	×	×	×	NO.	0 001		AN.	NA			The state of	lbe/day	N N	× .	NA S
2	Chloroberzene (108-90-7)	×	×	×	NO.	0.001	AN	AZ	AN			000	(be) the	NA.	Z .	NA :
80	Chlorodibromomethane (124-48-1)	×	×	V	N IO	0.001		Z	AN			1000	ibs/day	W .	d i	Z :
96	Chloroethane (75-00-3)	×	×	×	N C	0.001		NA	MA			ugu.	IDS/CBy	ď :	NA :	NA :
10	2-Chloroethylvinyl Ether(110- "3-8) (5)	×	×	V	V in	0.00		¥Z	2			1000	ios/osy	42	NA :	V.
11	Chloroform (67 - 66 - 3)	×	×	×	V V	0 001		NA	N.A.			מאור	tOS/OBy	NA :	ď.	NA N
128	Dichlorobromomethane (75-27-4)	×	×	V	V V	0.001		AN N	NA			ODA.	ios/oay	NA :	YA :	Z .
130	Dichlorodifluoromethane (75-71-8) (2)	NA NA	NA	₩	NA	NA	NA	NA.	ALA		Mil	1000	US/GBy	NA S	Y S	× ×
147	1,1-Dichloroethane (75-34-3)	×	×	×	20	0 001		Z Z	AN		_	MA.	The Idea	K 42	Z S	W.
15V		×	×	V	5	0.001	NA	NA	42			1000	lba ldan	NA AN	W	2 .
16M		×	×	×	N 10			AN.	Z			3000	Bee ideas	NA .	N S	N. S.
2	1,2-Dichloropropane (75-87-5)	×	×	v.	N 10	0.001	XX	AN	NA	NA		1000	Bee Intern	1878	NA .	X .
187	1,3-Dichloropropyiene (542-75-6)	×	×	×	, rc	0 001	XX	Z	NA	NA		- Pari	(beider	NA AL	NA 4	NA NA
198	Ethylbenzene (100-41-4)	×	×	V	× 50	0.001	2	NA	NA	WW		200	Box (day)	V	K .	Z .
2	Methyl Bromide (74-83-9)	×	×	v	NO.	0.001	NAN NA	4Z	Z	NA		200	(be/day	W. 414	NA .	× .
214	Methyl Chloride (74-87-3)	×	×	v	NO.	0 001	Z	42	NA	NA		200	Bra /day	AN .	Z :	2
227	Methylene Chloride (75-09-2)	×	×	v	>04		AN	AN	NA	AN	-	non.	Protein	NA NA	NA S	NA NA
237	1,1,2,2 - Tetrachloroethane (79-34-5)	×	×	v	5	0 00 1	AN	XX	NA.	NA	-	nun'	Prefician	Kuk	5	414
247	Tetrachloroethylene (127-18-4)	×	×	v	S ×	100.0	AN	AN	NA	Z	-	no.	lhe/rfav	NA	NIA S	MA
257	Toluene (108-88-3)	×	×	V	20	0.001	NA	AN	A.N	NA	-	in in	(he/rfsv	NIA.	WN.	W
							The second second second			Later Later		180	(CS/Oct)	NA	NA	NA

					EPAID	NUMBER LAD	070664818					_	OUTFALL	I NUMBER	R 00k
	2	26	20			3	EFFLUENT				4. UP	WITS	5. INTAKE	UE (OPTIONAL)	DRALL 1
AND CAS MINKER	PE CHANG	RECHING BELEVED BELEVED	ARIENT ARIENT	A MAXIMUM E	MILY VALUE	3	30 DAY VALUE	C. LONG TERM AVERACE (LTA)			ai	۵	R. LTA VALUE	ALUE	6. NO. OF
26V 1.2 - Trans - Orchloroethylene (156 - 60 - 5)			×	til come.	try mades	(1) COME.	(Z) MASS	(1) COMC.		ANAL YSE S	COMC.	*	Ş	(Z) MASS	ANAL YSES
27V 1,1,1-Trichloroethane (71-55-6)	×		×	v			NA.	42	NA 42		00	DS/day	NA :	NA	×.
26V 1,1,2-Trichloroethane (79-00-5)	×		×	un			NA.	42	NA NA		ugu.	IDS/day	XX :	NA :	NA :
29V Trichloroethylene (79-01-6)	×		×	NO.	> 0.001	NA	NAN	AN AN	X AN		The contract	(Deliday	NA NA	NA NA	NA S
	NA	NA	NA	NA			AN	NA	N. N.	NA	42	NA	NA	NA	NA NA
31V Vinyt Chloride (75-01-4)	×		×	N S			NA	NA	XX	*	nov	Ps/rtav	NA	N N	42
Part C - Acid Compounds											h	Employed			4
			×	N.	AN	AN	NA.	XX	NA	C	×	MA	NA	NA	NA
			×	NA	NA		AN	NA.	NA.	0	NA	NA	NA.	N.A.	N. A.
			×	N.A.N.	NA		AN	Z	AN	0	NA	NA.	NA	NA	NA NA
			×	NA	NA		NA	NA	NA	0 0	NA	NA.	N.A.	NIA.	10 A
			×	A.N.	NA	NA	NA	NA	42	0 0	NA NA	K W	NA NA	N. W.	NA NA
			×	AN	NA		X	XX	AN	0 0	NA	NA	N.A.	N. N.	NA A
Э	×		×	< 50	< 001		Z	A.V.	AN	-	the state of	ibe/day	NA NA	MA	NA AN
ы			×	NA	NA		Z	NAN NA	AN	- 0	2 42	NA NA	MA	42	N. 4.14
- 1			×	NA	NA		Z	AN	AN	C	V.	NA N	NA	NA AN	4 4 4
			×	NA	NA		NA	XX	AN	0	NA	NA	NA	NA NA	NA
11A. 2,4,6-Trichioropherrol (88-06-2)			×	AN	AN		AN	NA	AN	0	WAN	NA	MIA	NIA.	N. A.
Part C - Base/Meutral Compounds									CAL	2		NA.	NA	NA.	V.
18. Acenaphthene (83-32-9)			×	NA	NA	NA	NA	¥2	AM	U	NA	MM	414	***	***
			×	AZ.	NA	NA	NA	Z	NA	0 0	NA	V V	NA NA	N N	NA NA
38 Anthracene (120-12-7)			×	NA	NA	AN	Z Z	42	MA	0	NIA.	N. A.	414	4	× :
48. Benzidine (92 - 87 - 5)	×		×	< 40	001	AN	42	42	NA.		NA.	NA	Y :	NA:	NA :
58 Benzo (a) Anthracene (56-55-3)			×	NA	NA	AN N	NA	NA	47	- 0	1000	US/USA	¥ :	Z :	ď.
68. Benzo (a) Pyrene (50-32-8)			×	X	NA	AN	P. P.	42	47	2 6	8	N S	NA :	Y :	NA
7B 3,4-Benzoftuoranthene (205-99-2)			×	NA	NA	V.	MA	Ath	114	0	Na.	W.	NA :	Y .	V.
8B Benzo (g.h.i) Perylene (191-24-2)			×	AN	AN AN	NA	NIA	NA	NA.	0 0	NA.	AN.	¥.	NA	NA.
98. Benzo (k) Fluoranthene (207-08-9)			×	Z Z	NA	MA	414	NA.	× :	0	Y .	V.	NA.	Z	XX
10B. Bis(2-Chloroethoxy)Methane(111-91-1)			*	NAN	NA	N. A.	NA	44	ď.	0	Y .	Z.	NA NA	NA	NA.
11B. Bis (2-Chloroethyl) Ether (111-44-4)			×	42	NA	AM	444	AN :	NA :	0	NA NA	NA.	NA	NA	NA
128. Bis (2-Chlorisopropyi) Ether (102-60-1)			>	2	NA NA	N. A.	44	4 :	K.N.	0	¥Z.	NA	NA	NA	NA
138 Bis (2-Ethylhexyl) Phthala:e (117-81-7)	×		I	, C+	10004	NA NA	47	Z :	NA.	0	NA NA	NA NA	NA	NA	NA
148 4-Bromophenyl Phenyl Ether (101-55-3)					NAN	NA.	Z 42	Z Z	VA.	-	ugy.	lbs/day	NA	×	×
158. Butyl Benzyl Phthalato (85-68-7)	×			× tu	0.001	MA	MA	414	4	5	4	NA N	NA.	Y.	AN N
16B 2-Chioronaphthalene (91-58-7)			×	NA	NA	AN	42	NA	42	- 0	ngu	DS/day	Y :	¥.	×
17B. 4-Chlorophenyl Phenyl Ether (7005-72-3)			×	AZ.	AN	42	X X X	N. N.	NA.	0 0	NA	NA :	NA	NA	NA
18B. Chrysene (218-01-9)			×	NA	42	47	X X X	NA A	Y :	0	NA	NA	NA.	NA	NA
198 Olbenzo (a.h) Anthracene (53-70-3)			>	42	AUA	414	Z .	¥ ;	Y X	0	NA	NA	NA NA	NA	NA NA
208 1.2 - Dichlorobenzene (95 - 50 - 1)	-		>	N. A.M.	KIN	NA 414	ď.	YZ :	AZ.	0	NA	NA N	NA	NA	NA
218 13-Dichlorobenzana (541-73-1)				414	413	K :	¥Z.	YZ.	AX	0	N/N	NA NA	NA	NA	NA
			< 3	NA.	Z .	Y S	NA	YN.	Y X	0	NA NA	NA.	NA	NA	NA NA
			< >	Z .	NA 4	NA S	Z X	YZ.	Y X	0	NA	NA	NA	NA	NA
			< >	4 .	4 5	Y S	AX.	AN	V.	0	NA	Z Z	NA	NA	N.A.
			< >	Y :	NA	AN	NA NA	NA.	XX	0	NA	NA	NA	NA	NA
			K	NA	NA	NA	NA.	NA	X	0	MA	NA.	N.	N.	NA
														A CONTRACTOR OF THE PERSON NAMED IN	

	-				EPA LD.	NUMBER LAD	070664818						OUTF	LL NUMB	ER 004
	2 a.	2 b.	2 c.			3.	EFFLUENT				4. U	NITS	-	TAKE (OPT	Name and Address of the Owner, where the Owner, which is the Owner, where the Owner, which is the Owner
1. POLLUTANT		BELEVED		a.MAXIMUM D	AILY VALUE	b.MAXIMUM 30	DAY VALUE	c. LONG TERM	AVERAGE (LTA)	d. NO. OF		b.	+	VALUE	b. NO. OF
AND CAS NUMBER	REQUIRED	PRESENT		(1) CONC.	(Z) MASS	(1) CONC.	(2) MASS	(1) CONC.	(2) MASS	ANALYSE'S	CONC.	MASS	(1) CONC.	(Z) MASS	4
268 Di n - Butyl Phthalate (84 - 74 - 2)	_		X	NA	NA	NA	NA	NA	NA	0	NA	NA	NA	NA	NA
27B 2,4 - Dinitrotoluene (121 - 14 - 2)			X	NA	NA	NA	NA	NA	NA	0	NA	NA	NA	NA	NA
28B 2,6 - Dinitrotoluene (606 - 20 - 2)			X	NA	NA	NA	NA	NA	NA	0	NA	NA	NA	NA	NA
298. Di - n - Octyl Phthalate (117 - 84 - 0)	×		X	< 10	< 0.001	NA	NA	NA.	NA	1	ug/L	lbs/day	NA	NA	NA
30B. 1,2-Diphenylhydrazine (122-86-7) (4)	X		X	< 10	< 0.001	NA.	NA	NA	NA	1	-	lbs/day	NA	NA	NA
31B. Fluoranthene (206 - 44 - 0)			X	NA	NA	NA NA	N.A	NA	NA	0	NA	NA	NA	NA	NA
328 Fluorene (86 – 73 – 7)			×	NA	NA	NA.	NA.	NA	NA	0	NA	NA	NA	NA	NA
338. Hexachlorobenzene (118-74-1)			X	NA	NA	NA.	NA	NA	NA	0	NA	NA	NA	NA	NA
34B. Hexachlorobutadiene (87-68-3)			X	NA	NA	NA:	NA	NA	NA		NA	NA	NA	NA	NA
35B. Hexachlorocyclopentadiene (77 - 47 - 4)			X	NA	NA	NA.	NA	NA	NA		NA	NA	NA	NA	NA
368. Hexachloroethane (67-72-1)			X	NA	NA	NA	NA	NA	NA		NA	NA	NA	NA	NA
378. Indeno (1,2,3-cd) Pyrene (193-39-5)			X	NA	NA	NA	NA	NA	NA		NA	NA	NA	NA	NA NA
38B (sophorone (78-59-1)			X	NA.	NA	NA	NA	NA	NA		NA	NA	NA	NA	NA NA
39B. Naphthalene (91 - 20 - 3)			X	NA	NA	NA	NA	NA	NA	-	NA	NA.	NA	NA NA	NA NA
40B. Nitrobenzene (98-95-3)			X	NA	NA	NA	NA	NA	NA		NA	NA	NA NA	NA	NA NA
41B. N-Nitrosodimethylamine (62-75-9)			X	NA	NA	NA	NA	NA NA	NA		NA	NA	NA NA	NA	NA NA
428 N - Nitrosodi - n - Propytamine (621 - 64 - 7)			X	NA	NA	NA	NA	NA NA	NA NA		NA	NA	NA NA	NA NA	
43B. N - Nitrosodiphenylamine (85 - 30 - 6)			X	NA	NA	NA	NA	NA NA	NA NA	0	NA	NA	NA NA		NA
44B Phenanthrene (85-01-8)			X	NA	NA	NA	NA	NA NA	NA NA		NA	NA NA	NA NA	NA	NA NA
45B. Pyrene (129-00-0)			X	NA	NA	NA	NA	NA NA	NA NA		NA	NA NA	NA NA	NA	NA
468 1,2,4-Trichlorobenzene (120-82-1)			X	NA	NA	NA	NA		NA NA		NA	NA NA	NA NA	NA	NA
Part C-Pesilcides								146	INA	1 0	NA	INA	NA NA	NA	NA
1P. Aldrin (309-00-2)			X	NA	NA	NA.	NA	NA NA	NA	0	NA	NA.	NA		418
2P alpha-BHC (319-84-6)			X	NA	NA	NA	NA NA	1000	NA NA		NA	NA	NA NA	NA	NA
3P beta - BHC (319 - 85 - 7)			X	NA	NA	NA	NA	NA NA	NA NA	0	NA	NA NA		NA	NA
4P. gamma-BHC (58-89-9)			X	NA	NA	NA	NA	NA NA	NA NA		NA	1.00	NA	NA	NA
5P delta - BHC (319 - 86 - 8)			X	NA	NA	NA	NA	NA NA	NA NA	0	NA	NA NA	NA	NA	NA
6P Chlordane (57-74-9)			X	NA	NA	NA	NA	NA NA	NA NA	0	NA		NA	NA	NA
7P. 4.4-DDT (50-29-3)			X	NA	NA	NA	NA.	NA NA	NA NA			NA	NA	NA	NA
8P. 4.4-DDE (72-55-9)			X	NA	NA	NA NA	NA NA			0	NA	NA	NA	NA	NA
9P. 4.4-DDD (72-54-8)			X	NA	NA.	NA.	NA	NA NA	NA	0	NA	NA	NA	NA	NA
10P Dieldrin (60 - 57 - 1)			X	NA.	NA	NA	NA NA	NA NA	NA NA	0	NA	NA	NA	NA	NA
11P. alpha-Endosulfan (115-29-7)			X	NA	NA.	NA	NA NA	NA NA	NA NA	0	NA	NA	NA	NA	NA
12P. beta - Endosulfan (115-29-7)			X	NA	NA NA	NA.	NA NA		NA	0	NA	NA	NA	NA	NA
13P. Endosulfan Sulfate (1031-07-8)	1		X	NA	NA NA	NA NA	NA NA	NA	NA	0	NA	NA	NA	NA	NA
14P. Endrin (72-20-8)			X	NA NA	NA NA	NA NA		NA	NA	0	NA	NA	NA	NA	NA
15P. Endrin Aldehyde (7421-93-4)	-		x	NA NA			NA NA	NA	NA		NA	NA	NA	NA	NA
16P. Heptachlor (76-44-8)	-	-	X		NA	NA	NA	NA	NA	-	NA	Nen	NA	NA	NA
17P. Heptachlor Epoxide (1024–57–3)	+		X	NA NA	NA NA	NA NA	NA	NA	N.	0	NA	NA	NA	NA	NA
18P. POB - 1242 (53469 - 21 - 9)	-		X	NA.	NA	NA	NA NA	NA.	NA		NA	NA	NA	NA	NA
	-			NA	NA	NA	NA	NA	NA	0	NA	NA	NA	NA	NA
19P. POB - 1254 (11097 - 69 - 1)	+		X	NA	NA	NA	NA	NA	NA	0	NA	NA	NA	NA	NA
20P. POB -1221 (11104-28-2)	1		X	NA	NA	NA	NA	NA	NA	0	NA	NA	NA	NA	NA
21P POB - 1232 (11141 - 16 - 5)	-		X	NA	NA	NA	NA	NA	NA	0	NA	NA	NA	NA	NA
22P POB - 1248 (12672 - 29 - 6)	1		X	NA	NA	NA	NA	NA	NA	0	NA	NA	NA	NA	NA

					EPA I.D.	NUMBER LAD	070654818						OUTFA	LL NUMB	ER 004
	2 a.	26.	2 c.			3.	EFFLUENT				4. U	MITS	S. IN	TAKE (OPT	ION IL)
1. POLLUTANT	TESTING	BELEVED	BELIEVED	a.MAXIMUM D	AH Y VALUE	b.MAXIMUM 30	DAY VALUE	c. LONG TERM	AVERAGE (LTA)	d. NO. OF	8.	b.	a. LTA	VALUE	b. NO. OF
AND CAS RUMBER	REQUIRED	PRESENT	ABSENT	(1) CONC.	(2) MASS	(1) CONC.	(2) MASS	(1) CONC.	(Z) MASS	ANALYSES	CONC	MASS	(1) CONC.	(2) MASS	ANALYSES
23P. POB - 1260 (11096-82-5)			X	NA	NA	NA	NA	NA NA	NA	0	NA	NA	NA	NA	NA.
24P. PCB - 1016 (12674-11-2)			X	NA	NA	NA.	NA	NA	NA	0	NA	NA	NA	NA	NA
25P. Toxaphene (8001 - 35 - 2)			Х	NA	NA	NA	NA	NA	NA	0	NA	NA	NA	NA	NA

⁽¹⁾ Total beta is believed present within the anticipated background values for naturally occurring radioactive material.

Notes: The daily average flow rate of 0.015 MGD obtained during the 24 - hour sampling period from 06/21 - 22/1995 was used to calculate the mass for those parameters for which only one laboratory analysis was performed.

The monthly DMR forms for 24 months (February 1993 through January 1994) for flow data and 12 months (February 1994 through January 1995) for all other parameters were used to calculate the Maximum Daily Value, Maximum 30 Day Value, and the Long Term Average Value for those parameters that are routinely monitored pursuant to Entergy's NPDES and LWDPS permits.

For the permit application, the sample for Fecal Coliform analyses was collected on 6/28/95, and not on 6/21 - 22/95 which was the sample date for the other parameters.

All analytical results reported with a "less than" sign (<) were either (1) not detected in the effluent sample at or above the analytical method detection limit achieved by the applicable laboratory analytical method or (2) not detected and quantifiable at the practical quantifiation limit achieved by the applicable laboratory analytical method.

NA = Testing not required; no data available.

⁽²⁾ These parameters are found on Table V of the U.S. Environmental Protection Agency Form 2C, however, they are not required to be tested in accordance with 40 CFR 122.21(g)(7) and 40 CFR 122.21(g)

^{(3) 2-}Chloroethylvinyl Ether was not detected, it is known to hydrolyze in the presence of dilute acid.

^{(4) 1,2-}Diphenylhydrazine as Azobenzene

The state of the s		The state of the s	EPALL	D. NUMBER LAD	0070664818						OUTFALL	OUTFALL NUMBER	CKOR
V. INTAKE AND EFFLUENT CHARACTERISTICS	(Continue	(Continued From Page 3 of Form	orm 2C)										
Part A													
				r.	2 EFFLUENT				3. UNITS	50	A INT	4 INTAKE (OPTIONAL)	SNAL 3
1. POLLUTANT		8. MAXIMUM DAIL	DAILY VALLE	b. MAXIMUM:	6. MAXIMUM 30 DAY VALUE	e. LONG TERM	C. LONG TERM AVERAGE (LTA) H. NO.	NO OF			A LTA VALLE	/AilE	N NO CA
		(1) CONC.	(Z) MARSS	(1) CONC.	(Z) MASS	(1) CONC.	(Z) MASS A	ANAL YSE S	CONC	MASS	(1) CONC.	(2) MASS	AMAI YSES
		v	1 < 03	3 NA	NA	NA	100	+	mañ	1.	NA	NA	NA.
		v	v v	1 NA	NA		NA	4-	mal	bs/day	NA	NA.	NA
		3	34 05	NA NA	AN	NA	NA	+	mañ	Pis/rigiv	NA	NA	MM
d. Total Suspended Solids (TSS) (1)(2)		60	30 < 025		> 800	× 12×	9	7	mail	lhs/rlav	NA	42	V.
e. Ammonia (as N.)		0	01< 003	NA	NA	AN		*	Total Part	Prelistav	NA	424	MA
1. Flow		VALUE	0.084	VALUE	0.064	VALUE	7000	23	2002	MA	NIA.	NIA.	N. W.
g Temperature (summer)		VALUE	364	I VALUE	NA		NA	2 +	200	ALM.	414	100	
h Temperature (winter)		VALUE	NA	Е	NA	VALUE	V 42	- 6	2 42	NA NA	NA.	NA .	N. S
		MINIMUM	MAXIMUM					2	Va	¥ .	Y Y	2	2
- G		6.52	8 70				0	-	SU	NA	NA	NA	NA
	2 & 2 b			6	3. EFFLUENT				A. UNITS	so.	S. INTAME	AME (OPTIONAL)	NOAL)
1. POLLUTANT	RELEVED IN LEVED	D. MAXIMUM DAIL	DALLY VALLE	b. MAXIMUM:	MAXIMUM 30 DAY VALLE	- LONG TERM AVERAGE (LTA)	WE HACK (LTA) d.	d. NO. OF		9	A.LTA		B NO OF
AND CAS NO.	PRESENT ABSENT	(1) CONC	(Z) MASS	(1) CONC.	(Z) MASS	(1) CONC.	(Z) MASS A	ANA: YSE'S	CONC	MASS	(1) COMC.	PH MASS	ANA! YSE IS
	×	0 >	0.1 < 0.03	NA NA	NA	AN.	-		mail	Pre/clay	NA	NA.	NA
b Chlorine, Total Residual	×	Z	NA NA	NA	NA	NA	NA	0	NA	NA	NA	NA.	NA N
c Color (True/Apparent)	×	43,46	6 NA	NA	ZZ	NA	K.N.		ADRIA Linite	NA	NUA	NA	474
d Fecal Coliform	×	NA	NA NA	NA	NA	NA	NA	-	NA	NA.	NA	NA	N.A.
e. Fluoride (16984-48-8)	×	0.17	7 0.04	NA NA	NA	AN N	NA	+	mod	live idea	NIA.	100	414
f Nitrate - Nitrite (as N)	*	NA	NA		AN	NA.	NA	- 0	NA	NIA NIA	414	NA NA	NA AN
g Nitrogen, Total Organic (as N)	×		10 < 0.25	NA	AN	NA.	NA		and the same	Buckeye	NIA.	VA.	1
h. Oil & Grease (1)	×	80	87< 025		0	200	0 13	7	30 6	(he/day	MIA	NA ALA	X 4
i. Phosphorus (as P), Total (7723-14-0)	×	NA	AN			AZ.	AN		NAM	NA.	N. A.	MA	NA.
	*	13.81	NA		Z	NA	NA	3 *	NO.	NA	NA NA	NA ALA	W .
() Radioactivity - (2) beta, Total (3)	×	2 19			Z	NA.	NA.		200	N. A.	NA.	NA.	ď.
Radioactivity - (3) Radium, Total	×	× 01			NA.	NA	AM		200	5	NA .	2	NA :
Radioactivity - (4) Radium 226, Total	×				2	MA	NA W	-	DOM:	4	NA.	NA	YY.
k Suffate (as SO.) (14808-79-8)	×	95.3	0		N.A.	413	W		No.	Z Z	NA	V.	NA
1. Suffice (as S)	×	AN		ŀ	NIA	NA NA	NA.	- 1	mg/L	DS/day	VZ.	V.	NA
m Suffite (as SO ₄) (14265-45-3)	×	AN.			ATA	NA.	NA.	0 0	NA.	K .	NA	NA	« 2
n Surfactants	×	· ·	V		N.A.	NA.	AN 4	0	1	NA	NA	NA	NA.
o. Aluminum, Total (7429-90-5)	×				414	WW.	YN.			DS/day	NA	NA	V V
p Barlum, Total (7440-39-3)	*				Z Z	4 .	AZ .	-		bs/day	NA	NA A	NA
		MA			NA .	ď :	Y .	0	V.	NA	NA.	NA.	NA NA
	< >	2			XX.	NA	AN.	0	NA	NA.	NA	NA	NA.
		AN I			AN	AZ.	NA	0	Z Z	NA	NA	NA	NA NA
	×	0.826	0		NA	NA	NA		mgf	lbs/day	NA	NA.	AN.
		8 10			N.A.	NA.	XX.	*		bs/day	A N	NA	NA.
	×	NA		NA	NA	NA	A'N	0	NA.	NA	NA	NA A	NA
	×	AZ.	NA	NA	A'N	NA	AN.	0	NA	NA	NA	NA	NA.
	×	KN	AN NA	NA	NA	AN.	AN.	0	NA	NA	NA N	NA	NA.
x. Titanium, Total (7/4n-32-5)	×	NA	NA	AN	NA.	AN.	NA	0	NA	NA.	NA	MA	MA
						The second secon	The second second second second					1000	

1

	1						EPALL	EPALD. NUMBER LADO70664818	070664818						OUTFALL NUMBER	NUMBER	800
			2 a. 2b.	20				ei	EFFLUENT				4. U	MITS	S. BNT	AME (OPT	ONAL
Memory (1981) (1982)	-	AND CAS MINES	DECRETE DESCRIPTION	ED RELEV			HYVALISE			C. LONG TER	A AVERAGE (LTA			ú	A LTA	VALUE	b. NO. OF
Medicacing (1964 26-24-3) Medicacing (1964 26-34-3) Medicacing (1964 26-3	Part	- Metally, Openide, and Total Phenols	PENDINE DI FINE SE	MI MESSE	4	COMC	(z) MASS	(1) CONC.	(Z) MASS	(1) COMC.	(Z) MASS	ANA! YSE	200		(1) CONC.		ANAL YSE
Admit (1917 (1912-20-3) Mark	ž	Antimony, Total (7440-36-0)		×		NA	NA		NA					NA	NA	MA	NIA
Communication Communicatio	24	Arsenic, Total (7440-38-2)		×		NA	NA		NA				Г	NA	NA.	N.A.	N.A.
Transmit (1546-54-9)	344	Beryllium, Total (7440-41-7)		×		NA	NA		NA					NA	NA.	MA	NA NA
Opposite Transition (2016) 201-301 X NA	48%	Cadmium, Total (7440-43-9)		×		NA	NA		AN				Е	AN	N.A.	NA	NA
No.	SM	Chromium, Total (7440-47-3)		×		NAN.	A Z		NA				Е	×Z	NA	NA	NA
See Controlled Field Set	BM	Copper, Total (7440-50-8)		×		NA NA	NA		NA					NA	NA	NA	NA
Market Table Tab	734	Lead, Total (7439-92-1)		×		MA	NA		MA					NA	NA	NA	NA
Select Field (1782-02-0-0) X	914	Mercury, Total (7439-97-6)		×		NA NA	NA		NA				Е	NA	NA	NA	NA
September Control Co	9Mg	Nickel, Total (7449-02-0)		×		NA	NA		NA				1	NA	NA	NA	NA
The State Color of Color o	10M	Selenium, Total (7782-49-2)		×		NA	NA		XX				Т	NA.	N.A.	MA	NA NA
The control of the	1114	Silver, Total (7440-22-4)		×		×N	4Z		X				Г	NA	MA	ALA.	NA.
Particle Color C	12M	Thallium, Total (7440-28-0)		×		×	NA		NA				1	NA	*14	NIA.	NA NA
Company Comp	13M	Zinc, Total (7440-66-6)		×		X	NA		NA				Т	N.A.	MA	2 42	NA.
Feetendendent (25-25-3) Feetendendent (25-25-	14M	Cyarride, Total (57 - 12 - 5)		×		AN	NA		Z					N.A.	MA	NIA NIA	NN N
C. Vadile Components NA NA <td>15M</td> <td>Phenois, Total</td> <td></td> <td>×</td> <td></td> <td>NA</td> <td>NA</td> <td>Z</td> <td>NA</td> <td></td> <td></td> <td></td> <td>П</td> <td>NA NA</td> <td>N.A.</td> <td>W. W.</td> <td>NA.</td>	15M	Phenois, Total		×		NA	NA	Z	NA				П	NA NA	N.A.	W. W.	NA.
Bendented (17-55-2)	Dieseln												1	100	NA.	N. N.	NA.
C. Voldiet Control A. C. Voldiet Control <t< td=""><td>2,3,7,8</td><td>- Tetrachlorootbenzo - P - Dioxin (1764 - 01</td><td>-6)</td><td>×</td><td></td><td>NA</td><td>NA</td><td>AN</td><td>NA</td><td></td><td></td><td></td><td>E</td><td>NA</td><td>MA</td><td>h.A</td><td>NIA</td></t<>	2,3,7,8	- Tetrachlorootbenzo - P - Dioxin (1764 - 01	-6)	×		NA	NA	AN	NA				E	NA	MA	h.A	NIA
Accidence (17-23-9) Accidence	Part C	Volatile Compounds														184	2
Becomment (17-13-1)		Acrolein (107-02-8)		×		NA	NA	AN.	NA					AN	NA	NA	NA
Bernotterm (175–252-2) Bernotterm (175–252-2) X NA		Acrylentifile (107 - 13 - 1)		×		Z Z	AN	AX.	NA					AN	NA	NA	NA N
Bell-Chottomethylige (EtherE542-BB-1) X NA		Benzene (71-43-2)		×		NA	ZZ	AN	NA					NA	MA	NA.	NA
Discription Fine Exposing Fig. 25-25-35 X		Bis (Chloromethyl) Ether(542-88-1)		×		NA	NA	AZ.	AN					NA	NA	NA.	NA
Chicocherate (106-90-73) XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX		Bromoform (75-25-2)		×		AN	NA	AN	NA					NA.	AN	NA	NA
Chicordentame (175-30-3) X NA		Carbon Tetrachloride (56-23-5)		×		NA	XX	AZ	NA	Z				A Z	Y.	NA	NA
Chilotodistrative (15- 04-3) X NA NA <t< td=""><td></td><td>Chiorobenzene (108-90-7)</td><td></td><td>×</td><td></td><td>NA NA</td><td>NA</td><td>NA</td><td>NA</td><td>Ž</td><td></td><td></td><td></td><td>NA</td><td>AN</td><td>NA</td><td>NA</td></t<>		Chiorobenzene (108-90-7)		×		NA NA	NA	NA	NA	Ž				NA	AN	NA	NA
Chilotoptomomentarian (15–28-3) X NAA NA		Chlorodibromomethane (124 - 45 - 1)		×		NA	NA	¥Z	AN	Ż				NA	NA	NA	AN
Chichotophyeny Energing 75-99 XX NA		Chronemane (75-50-3)		×		NA	NA	AN	NA	Z				NA	NA	NA	NA
Dichlotophin (27–27–4) X NA		Z-Unordernywiny Ether(110-73-8)		×		XX.	¥Z	AZ.	XX	Ž				NA.	NA	NA	NA.
Discription of the control of the co		Chichester (67 - 66 - 3)		×)	-	V.	NA	AZ.	AN	Ž				NA	NA	NA	NA
1.2 - Dichionoptiopropriating (175-734-3); X NA NA </td <td></td> <td>Unchlored different and (13-21-4)</td> <td></td> <td>×</td> <td></td> <td>Z :</td> <td>Z Z</td> <td>ď.</td> <td>N.A.</td> <td>Z</td> <td></td> <td></td> <td></td> <td>NA</td> <td>NA.</td> <td>NA</td> <td>NA</td>		Unchlored different and (13-21-4)		×		Z :	Z Z	ď.	N.A.	Z				NA	NA.	NA	NA
1.1. Dictribroptional (107-34-3) X NA		Unchigodiffuoromethane (13-71-8)		ec 3	-	YY.	ZA	NA.	₹Z	Z				NA	NA	NA	NA
1,1-Dichloroetriane (101-05-2) X NA		1.1-Dichionemane (15-34-3)		×		Y.	NA N	AN	NA	Z				NA	NA	NA	NA
1.1-Dictioned injected (12-30-4) X NA		2 - Dichloroetrane (107 - 06 - 2)		×		ž	NA	NA	NA	N				NA	NA	NA	NA
1,2-1,Uctorogropatre (13-187-3) X NA		1,1 - Lachignoethylene (75-30-4)		×		K Z	AN.	AN.	NA	Z			NA	NA.	NA	NA	NA
1.3-Uschloopbooyyeele (342-73-6) X NA		Z-Ucholopropare (78-67-5)		×		NA	NA	XX	NA	2			NA	NA	NA	NA	NA
EttyDoerzene (100-41-4) X NA NA<		2-13		×		NA	ZZ.	NA	NA	Z			NA	NA	NA	NA	NA
Metry Bromide (74 - 833 - 9) X NA NA <t< td=""><td></td><td>Ethylbenzene (100-41-4)</td><td></td><td>×</td><td></td><td>NA</td><td>NA</td><td>NA</td><td>NA</td><td>Z</td><td></td><td></td><td>××</td><td>NA</td><td>NA</td><td>NA</td><td>NA</td></t<>		Ethylbenzene (100-41-4)		×		NA	NA	NA	NA	Z			××	NA	NA	NA	NA
Metry/chlostes (14 - 87 - 3) X NA NA <t< td=""><td></td><td>Methyl Bromide (74-83-9)</td><td></td><td>×</td><td></td><td>AX</td><td>NA</td><td>NA</td><td>NA</td><td>2</td><td></td><td></td><td>NA</td><td>NA</td><td>NA</td><td>NA</td><td>NA</td></t<>		Methyl Bromide (74-83-9)		×		AX	NA	NA	NA	2			NA	NA	NA	NA	NA
Metryene Cindros (13–03–2) X NA		Metryl Chloride (74-87-3)		×		NA NA	×	A.N	NA	2			NA	NA	NA	NA	NA
1.1.2.2 Tetrachioroethale (19.34.5) X NA		Metrylene Chlorice (75–05–2)		×		NA	NA	AN	ZZ	Ž			NA	NA	NA	NA	NA
Totuene (108–88–3)		1,1,2,2 - letrachiproetrane (79-34-5)		×		₹Z	ď Z	NA	NA	2			NA	NA	NA	AN	NA
OURRE (108-56-3) NA		erachoroemylene (127 – 18 – 4)		×	-	Z	d Z	NA	NA	Ž		0	NA	NA	NA	NA	NA
		Oilliette (108 - 86 - 3)		K		NA	NA	NA	NA	Ž	N.	0	NA NA	N.A.	NA	AN.	NA

Continued

		ei CV	26	200				3. EFFLUENT				4.19	UNITS	5. W.7	S. INTAKE (OPTIONAL)	ONALI
	1. POLLUTANT	TESTING BELLEVED BELEVED	ELEVEDE	K LEWED		DAILY VALUE	b MAXIMUM	B MAXIMUM 30 DAY VALUE	C. LONG TERM AVERAGE (LTA) IS.	IVERACE (LTA)	6. NO. OF	6	ó	A LTA VALUE	VALUE	b. NO. OF
NOW A PLAN	AMO CAS NUMBER H	HE CAMPLE DOPESENT ASSENT	HE SE NI	ABSENT	(1) CONC.	(Z) MASS	(1) CONC	(Z) MASS	(1) CONC.	(Z) MASS	ANAL YSES	CONC.	MASS	(1) CONC.	(Z) MASS	ANA! YS
	Lizans - Dichordemyene (156-50-5)			×	NA				NA	KN		Y.	NA	NA	NA	NA
-1	1,1-1rchiordenane (71-30-5)			×	NA					NA	0	NA	NA	NA	NA	NA
AG.	Trichline the transfer of 70 - 01 - 61			,	K :					NA		NA	NA	NA	NA	NA
4	Trichlorofficoromathana (75 - 80 - 4)			< >	NA NA	NA.				NA		NA	NA	NA	NA	NA
	Vinyt Chloride (75-01-4)			< >	424		W.			AN		NA	NA	NA	NA	NA
Part C-Acid Compounds	maposituda.				1			NA	YZ.	AX	0	NA	NA	NA	NA	NA
1A 2-Chlore	2-Chlorophenol (95-57-8)			>	ALA					-						
	2 4 - Nichbrunhanni (19n - R1 - 3)			< >	47		X X	NA		NA		NA	NA	NA	NA	NA
1	2 d. Timethulphony (10% 27 ov			к э	AN :					NA		NA	NA	NA	NA NA	NA
	Service of the servic			×	NA	The second second				NA		NA	NA	NA	NA	NA
	4,0-United -0-United (304-32-1)			×	MM			NA	AN	NA		AN	NA	NA	NA	NA
1	2.4 - Unitrophenoi (31 - 28 - 3)			×	NA				NA	NA		NA	NA	NA	NA	N.A.
	2 - Nitrophenol (88 - 75 - 5)			×	NA					NA		NA	NA	MA	MA	K.A
	4-Nitrophenol (100-02-7)			×	NA					MA	0	NA NA	N.A.	N. A.M.	42	2.4
BA p-Chlore	p-Chloro-m-Cresol (59-50-7)			×	AN					NIA		-	4	NA .	NA.	NA :
9A. Pentachio	Pentachlorophenol (87 - 86 - 5)			×	NA					42		W.	V :	Y :	NA :	NA
10A Phenol (1	Phenol (108-95-2)			50	NA					NA.	0	Z :	NA	NA N	NA	NA.
11A 24.5-Tri	2,4,5-Trich/brophenol (88-06-2)			*	MIA					Z Z	0	VV	NA NA	NA	MA	NA
Part C. BessyNe	Part C - Bessel/Neutral Compounds	1		¢	VA.		NA.	NA	NA	NA	0	NA N	NA	NA	NA	NA
1B. Acenapht	Acenaphthene (83-32-9)		-	×	N.A.	NA	ALA	477								
29. Acenaphtt	Acenaphthylene (208-96-8)			*	NA	MA				V .	0	NA.	NA	NA	NA	NA
38. Anthracen	Anthracere (120-12-7)			34	NA					XX.	0	×Z	NA	NA	NA	NA
4B Benzidine	Benzidine (92 - 87 - 5)			c >=	2 2					NA	0	NA	NA	NA	NA	NA
58 Benzo (a)	Benzo (a) Anthransona (S6-55-3)				N.A.	400				ZZ	0	NA NA	NA	NA	NA	NA
	Ben 20 (3) Pyrana (50 - 30 - 8)			< >	NA.	NA				NA	0	NA	XX	NA	NA	NA
Г.	3 4 - Renzollucranthene (20% - 00 - 2)			< >	414	1				NA	0	NA N	NA	NA	NA	NA
-	Benzo (a h il Perviene (191-24-2)			< >	NA.	AN .				NA	0	NA	NA	NA	NA	NA
	Blenzo (A Chine others P.77, 20 ch			< 2	Z :	NA.				×Z	0	NA	NA.	AN	N.	NA
-	for to to to to to			< >	Z :	AN :				NA	0	N.	NA.	AN.	NA	NA
				< >	4 1	Z :	ď.			NA	0	NA	NA	NA	NA	NA
				< >	NA.	Z :				AM	0	NA	NA	NA	NA	NA
	- 47			< >	4 1	Y :			NA	NA	0	NA	NA	NA	NA	NA
	15			< >	NA.	20			¥Z	Z Z	0	NA	len	N.	NA	NA
15% Eutyl Benz	Euthi Benzyi Phitalata (R5-68-7)			< >	N/A	4 .	NA		AN	NA	0	NA	NA	NA	NA	NA
16B 2 CHoron	2 -Chloronaphthalene (91 - 58 - 7)			×	MIN	ALA			Y :	YZ.	0	¥ N	NA	NA	NA	NA
17B 4- Thorog	Chlorophenyl Phenyl Ether (7005 - 72 - 3)			>	2	A I W			XX:	YY.	0	NA N	NA NA	NA	NA	NA
18B Chrysane	Chrysene (218-01-9)			× ×	2 42	MA			4 :	NA	0	NA	NA.	NA	NA	NA
198 Olbenzo (a	Otbenzo (a h) Anthracene (53-70-3)			>	414	414			YZ :	YY X	0	NA NA	NA NA	NA	N.	NA
208 12-Dichle	1.2-Dichloroberzene (95-50-1)		1	. >	NA.	NA			YY.	NA	0	NA	NA	NA	NA	Z
	13- Clichiomhanzana (541-73-1)			< >	V .	197			VZ.	ZZ Z	0	NA	NA	NA	NA	Ab.
	4 4 - Dirhinnhansons (176 - 46 - 71			< >	ď :	NA.			NA	NA	0	N.	NA	NA	NA.	NA
	2.2. Nethersbersidne its as at		1	<)	NA.	NA			AN	NA	0	NA NA	NA	NA	NA	NA
	Nother Chihalate (B. Ac. Ch.			< 3	XX.	42			NA	NA	0	NA N	NA	NA	NA	NA
- 1	Chrosoltal Obstralate (155 44 5)		1	< 3	ď	NA		NA	NA	AN AN	0	NA	AN	NA	NA	NA
	TITITE (131-11-3)			×	NA NA	NA	42	MIA	MA	1	-	***	7.1			

Continued

					EPAL	EPA LD. NUMBER LA	2070864818						OUTFALL NUMBER	NUMBER	900
	et CV	26.	20			en	EFFLUENT				4.19	UNITS	S. INT.	INTAKE (OPT)	(OPTIONAL)
1 POLLUTANT	TESTING	TESTING BELEVED FRELEVED	RELEVED	R. MAXIMUM D	DAJLY VALLE	D. MAXIMEDIA 3	30 DAY VALLE	IC. LONG TER	LONG TERM AVERAGE (LTA)	NO OF		4		AL IST	N NO CH
	FE CHAIRE	RECAMPLED PRESENT ABSENT	ABSENT	(1) COMC.	(Z) MASS	(1) COMC.	(Z) MASS	(1) CONC.	(Z) MASS	ANAL Y	CONC	SS	TH COMC	CT MARS	
			×	MA	NA	AN	AM		NA	0	NA	7	NA NA	- 60	NA
278 2,4-Dinitrotoluene (121-14-2)			×	NA	AZ.	AN	AN		NA	NA	NA	NA.	NA	NA	NA
			×	NA	AN	NA	NA		NA	NA D		NA	NA	NA	NA
			×	NA		NA	NA		NA		NA	XX	NA	N.	NA
			×	NA		NA	NA		NA NA	0	NA	NA	NA	NA	NA
			×	NA	NA	NA	AN		NA	60	NA	NA	NA	NA	NA
			×	NA	NA	AN	NA		NA	0	MA	NA	NA	Nick	NA
338 Hexachlorobenzene (118-74-1)			×	AN.	AZ.	AN	NA			C	N.A.	42	N.A	MA	MA
34B. Hexachlorobutadiene (87 - 58 - 3)			×	MA	AN		NA			0		42	NA	MA	NA
35B Hexachlorocyclopentadiene (77-47-4)			×	NA			AN					NIA.	414	NA.	NA.
368 Hexachloroethane (E7-72-1)			×	NA			AN					NIA.	NIA	NA NA	200
37B Indeno (1,2,3-cd) Pyrene (193-39-5)			×	NA			NA.					NA P	W.	NA .	42
36B (sophorone (78-59-1)			×	42			AIA					NA :	NA.	Z Z	NA.
398 NarhHalana (01-20-3)	-		,	414			188					NA	VX.	NA	NA
			< 1	AM.			NA		NA	A	NA	NA	KN.	NA	NA
			×	AX			NA			A 0	NA	NA	NA	NA	NA
N - Nifrosodimetry ramine (62 - 75 - 9)			×	NA			NA		NA NA	0	NA.	NA	NA	NA	NA
			×	NA		AN	NA		NA NA	0	NA	AN	NA	NA	NA
			×	NA	¥Z	AN	NA		NA NA	0	NA	NA	NA	NA	NA
			×	NA	AN	NA	AN		NA	0	NA	NA	NA	NA	NA.
			×	NA	AN	NA	AN	Z	A	0	NA	NA	NA	N.	NA
458 1,2,4 - Trichlorobenzene (120 - 82 - 1)			×	KZ	NA	AN	NA	Z	2	0	NA	NA	NA	NA	NA
Part CPesticides															
1P. Aldrin (309-00-2)			×	AN	NA	AN	ZZ		NA	A	NA	NA	NA.	MA	MA
2P. alpha - BHC (319 - 84 - 6)			×	AN	NA	XX	MA				L	NA	NA	NA	MA
			×	NA	NA	NA	NA			A		NA	NA	MA	NA
4P. gamma - BHC (58-89-9)			×	NA.	NA		NA					MIA	MIA	NIA.	414
SP delta-BHC (319-85-8)			×	NA	NA		AN					N.A.	NA W	NA AN	200
6P. Chlordane (57 - 74 - 9)			×	NA	NA	XX	AN					47	200	414	
7P. 4,4-DOT (50-29-3)			×	NA	K.N.	AN	N Z			ľ		NA NA	NA ALA	NA 4	NA 412
BP 4,4-DDE (72-55-9)			×	NA	AZ	NA	AN					NA ST	Y S	4	S. S.
9P 4.4-DOD (72-54-8)			×	AN	A'N	NA	AN			0 0	NA NA	W	NA .	NA .	× :
10P Dieldrin (80-57-1)			×	AN	NA	NA	NA.		NA NA		444	2	NA .	¥ :	NA.
11P alpha - Endosulfan (115-29-7)			×	NA	AN	NA	2				NA AM	NA ST	NA .	2 :	Z :
12P beta - Endosulfan (115-29-7)			×	NA	NA	NA	NA.				NA A	W.	ď.	ZZ :	NA :
13P Endosulfan Sulfate (1031-07-8)			×	NA	AN	NA	N.A.				2	82	NA	NA	VV.
14P Endrin (72-20-8)			×	424	NA	NIA	414				8	VZ.	NA	Z Z	NA.
			< >	ANA ANA	ALM	A S	Y :				NA	NA	NA	NA	NA
	-		< 3	NA.	42	42	NA			0	NA NA	NA	NA	NA	NA
			×	Z	NA	NA	NA			0	NA	NA	NA	NA	NA
	-		×	N N	¥Z	ZA	Z Z		NA NA	0	× Z	NA	NA	NA	NA
			×	NA	NA	NA	ZZ		A NA	0	NA	NA	NA	NA	NA
			×	AN	AN	××	NA	NA	NA NA	0	NA	N.	NA	NA	NA
			×	NA	NA	NA	NA	NA	A	0	NA	NA	NA	NA	NA
			×	NA	AN	NA NA	NA	NA		0	N.	NA	NA	N.	NA
22P PCB - 1248 (12672 - 29 - 6)			×	NA	AN	NA	NA	2	N	0	×2	NA	NA.	MA	NA
									The second secon	The second second					

					EPAIL	NUMBER LAD	0070664818						CUTFALL	NUMBER	1 008
	2 8.	26.	2 0			3.	EFFLUENT				4. U	NITS	5. IN	TAKE (OPTI	KONAL)
1. POLLUTANT			1	THE OWNER SHOULD NOT THE ID	MILY VALUE	b.MAXIMUM 3	O DAY VALUE	c. LONG TERM	AVERAGE (LTA)	H. NO. OF	8.	b.	a LTA	VALUE	b. NO. OF
AND CAS NUMBER	REQUIRED	PRESENT	ABSENT	(1) CONC.	(2) MASS	(1) CONC.	(2) MASS	(1) CONC.	(2) MASS	ANALYSES	CONC	MAGE	M COM	-	ANALYSES
23P. POB -1260 (11096-82-5)			X	NA	NA	NA.	NA	NA	NA.	0	NA.	NA	NA NA	NA NA	
24P. POB - 1016 (12674 - 11 - 2)			X	NA.	NA	NA.	NA	NA	NA NA	0	NA	-	-	-	NA.
25P. Toxaphene (6001 - 35 - 2)			X	NA	NA	NA.	NA NA	NA NA	NA NA	-	NA	NA NA	NA NA	NA NA	NA NA

⁽¹⁾ TSS and Oil & Grease were actually not detected on the permit application sampling event on 5/22/95. But, due to a very high flow rate on this day (0.030 MGD), the calculated maximum mass values were significantly greater than the TSS and Oil & Grease mass values when they were detected during routine sampling events (which were reported in the DMRs).

Notes: The daily average flow rate of 0.030 MGD obtained during the sampling event on 6/22/95 was used to calculate the mass for those parameters for which only one laboratory analysis was performed.

The monthly OMR forms for 24 months (February 1993 through January 1995) for flow data and 12 months (February 1994 through January 1995) for all other parameters were used to calculate the Maximum Daily Value, Maximum 30 Day Value, and the Long Term Average Value for those parameters that are routinely monitored pursuant to Entergy's NPDES and LWDPS permits. For parameters routinely monitored at Outfall 008, analytical data collected for the permit application (6/22/95) were used to determine Maximum Daily Values and Long Term Average Values. But not Maximum 30 Day Values.

All analytical results reported with a "less than" sign (<) were either (1) not detected in the effluent sample at or above the analytical method detection limit achieved by the applicable laboratory analytical method or (2) not detected and quantifiable at the practical quantifiation limit achieved by the applicable laboratory analytical method.

NA = Testing not required; no data available.

⁽²⁾ The Long Term Average Value for TSS (mass) was calculated to be greater than the Maximum 30 Day Value due to a very high flow rate on 6/22/95 (permit application sampling event).

⁽⁵⁾ Total alpha and Total beta are believed present within the anticipated background values for naturally occurring radioactive material

The second of the second secon	-		-	LPAIL	D NUMBER LADOZO664818	070664818						OUTFALL NUMBER	NUMBER	HON (1)
V. INTAKE AND EFFLUENT CHARACTERISTICS	(00	Timused F	Continued From Page 3 of Form 21	orm 2C)		•								
Part A														
					ev.	2 EFFLUENT				3. UNITS	IITS	A. BAT	INT AME (OPTIONAL)	ONAL)
1. POLLUTANT			R. MAXIMULE DAILY	DALLYVALLE	6. MAXIMUM 30 DAY VALUE		e. LONG TERM	C. LONG TERM AVERAGE (LTA) IS. NO.	d. NO. OF		Ď.	& LTA VALUE	ALUE	b. NO. OF
			(1) CONC.	(2) MASS	(1) CONC.	(Z) MASS	(1) COMC.	(Z) MASS	ANAL YSES	COMC.	MASS	(1) COMC.	(7) MASS	ANAL YSE
			v			NA	AN			mg/L	(bs/day	NA	XX	NA
			V.			NA	NA	NA	+	mg/L	(bs/day	NA	×	N.
			6.5	0.6	NA	NA	NA		+	ma/L	Ibs/day	NA	AN	NA
d Total Suspended Solids (TSS)			× .			NA	AN			mail	Pre/rday	NA	N.A	NA
e. Ammonis (as N)			0 19			NA	AZ			moil	the/iday	NA.	42	NA
Flow			VALUE	0.011	VALUE	NA	VALUE	A.N		2003	NIA.	V.V	N. A.	4
g. Temperature (summer)			VALUE	20.5		AN	VALUE	Z V		200	NIA.	NA ALA	NA ANA	NA A
		F	VALUE	AN		Z	VALUE	MA		N. A.	NA NA	414	NA NA	W 4
Ŧ			MINEMUM 7 86	MAXEMUM 7 RE			- Autor	A.A.			¥ 3	¥ 3	NA :	Z :
Part B										0	NA	ď.	Y Y	NA
	2 8	26.			9	3. EFFLUENT				A. UN	UNITS	S. INTAKE	AME (OPTIONAL)	CINAL)
1. POLLUTANT	-	E WED	& MAXIMUM DAILY	-	3	LLI	C. LONG TERM	AVERAGE (LTA)	d. NO. OF	ai	Ď	B. LTA	Y.	B. NO. OF
	PIR SENT AB	ABSENT	(1) COMC.	(Z) MASS	(1) CONC.	(Z) MASS	(1) CONC.	(Z) MASS	ANAL YSE S	CONC.	MASS	(1) CONC.	(2) MASS	ANAL YSE
		×	ZA.	NA	AN	NA	NA	15	0	NA	Y.	NA	NA	NA
		×	NA	NA	NA	NA	NA	XX		NA	7.1A	NA	NA	NA
		×	XX	NA	NA	NA	NA	NA	0	NA.	NA	NA	AN	NA
		×	NA	NA	NA	NA	NA	NA		NA	NA	NA	NA	NA
e Fluoride (16984-48-8)		×	NA	NA	NA	NA	AN	AN	0	NA	NA	NA	AN	NA
Nifrate - Nitrite (as N)		×	Z Z	×N.	NA	NA	NA	NA		NA	NA	NA	NA	NA
g Nitrogen, Total Organic (as N)		×	NA	NA	NA	NA	NA	NA.		AN	NA	NA	NA	NA
Off & Grease		×		c 0.1	NA	NA	AZ.	NA		mgil	lbs/day	NA	NA	NA
Phosphorus (as P), Total (7723-14-0)		×	NA	NA	NA	NA	NA	AN		NA	NA	NA	NA	NA
Radioactivity - (1) alpha, Total (2)		×	10.09	NA	NA	NA	NA	NA		DCIA	NA	NA	NA	NA
Radioactivity - (2) beta, Total (3)		×	323	NA	NA	ZZ	NA	AN		DCIA	NA A	NA	NA	NA
Radioactivity - (3) Padium, Total (2)		×	0.22	NA	NA	NA	NA	NA		DCM	NA	N.N	AN	NA
Radioactivity - (4) Radium 226, Total (2)		×	0 22	NA	NA	NA	NA	AN		DCIA	NA	NA	NA.	NA
Suffate (as SO ₄) (14808-79-8)	×		30.4	28	NA	AN.	NA	NA		ma/L	lbs/day	NA	×××	N.N.
Sulfide (as S)		×	NA	NA	NA	NA	NA	NA		NA	NA	NA	NA	NA
m. Suffite (as SO ₃) (14265-45-3)		×	NA	NA	NA	NA	NA	NA		NA.	NA	NA	NA	NA
n Surfactants		×	NA	NA	NA	AN	KZ.	NA		NA	NA	AN	NA.	AN
o Aluminum, Total (7429-90-5)		×	NA	NA	NA	AZ	NA	NA	0	NA	KA	NA	NA	NA
p Barium, Total (7440-39-3)		×	NA	NA	NA	NA	Z.	NA	0	NA	AN	NA	NA	NA
q Boron, Total (7440-42-8)		×	NA	KX	NA	AX	AN	ZZ	0	NA	NA N	AZ.	NA	NA
Cobaff, Total (7440-48-4)		×	NA	NA	NA	AZ.	NA	ZZ	0	NA	NA	NA	NA	NA
s fron, Total (7439-89-6)		×	NA	NA	NA	AN	AN	NA	0	NA	NA	NA	NA.	NA
Magnesium, Total (7439-95-4)		×	NA	NA	NA	NA	NA	A Z	0	NA	NA	NA	NA N	NA
u Molybdenum,Total (7439-98-7)		×	NA	NA	NA	NA	NA	AZ	0	NA	NA.	NA	NA	AN
v Manganese, Total (7439-96-5)		×	NA	N.A.	NA	NA	NA	NA	0	NA	NA	NA	NA	NA
w Tin, Total (7440-31-5)		×	NA	AN	NA	NA	NA	NA	0	NA	Y.	NA	NA	NA
Intanium, lotal (7440-32-6)		K	AN	NA	AN	NA	NA	NA	0	Z,	NA	4 Z	NA	NA

Te Collitrody	-		The second second				EPAL	EPA LD. NUMBER LA	0070664818						OUTFALL NUMBER	NUMBER	HOR (I)
				26.	20			-	LEFFLLENT						S. SNT	SNT AKE (OPTR	(OPTIONAL)
Administration of the control of the		AND CAS NISHER	TESTING RECHIRED	PREMED	BELEVED		DAILY VALUE		SO DAY VALUE	e. LONG TERM				1		/ALUE	b. NO. OF
America (1542-29-1) A Marine (1542-29-1) A	Part	-Metats, Cyanido, and Total Phenois				(i) course	cover (v)	(1) come.		(1) COMC.		- 4	COMC.		(1) CONC.	(Z) MASS	AMAL YSE S
Manner, Edge (1442-24-2)	2	Antimony, Total (7440-36-0)			×	NA						0	NA	AN	NA.	NA	NA
Comparison (1976-2-9)		Arsenic, Total (7440-38-2)			×	NA						0	NA	NA	NA	NAN	NA
Communication (10-65-26-9) Co		Beryllium, Total (7440-41-7)			×	NA						0	NA	NA AN	NA	XX	NA
Comparing (1981 (246-25-6) N.		Cadmium, Total (7440-43-9)			×	NA						0	NA	4Z	NA	NA	NA
Copyright (100-12-9) The copyright (100-12-9		Chromium, Total (7440-47-3)			×	NA						0	NA	NA	NA	NA	NA
Selection Control Ether		Copper, Total (7440-50-8)			×	NA						0	NA NA	NA	NA	NA	NA
Marcony 1014 (1946-192-19) Marcony 1014 (1946-192-192-19) Marcony 1014 (1946-192-192-192-192-192-192-192-192-192-192		Lead, Total (7439-92-1)			×	NA						0	NA	NA	NA	NA	NA
Selection (17-25-49-2)		Mercury, Total (7439-97-6)			×	AZ						0	NA	NA	NA	NA	NA
Sheet Test Control		Nickel, Total (7440-02-0)			×	ZA						0	NA	NA	NA	NA	NA
The black Total (246-25-4)		Selenium, Total (7782-49-2)			×	NA						0	NA	NA	NA	NA	NA
Figure Control Con		Silver, Total (7440-22-4)			×	AN					KA	0	NA	NA	NA	NA	NA
Particle (104-66-6)		Thallium, Total (7440-28-0)			×	AN					NA	0	NA A	NA	NA	NA	NA
Percent total		Znc, Total (7440-66-6)			×	AN					NA	0	NA.	NA	NA.	NA	NA NA
## Plencok Total ### Total #### Total ##### Total ######### Total ####################################		Cyanide, Total (57 - 12 - 5)			×	NA					NA	0	NA	NA	NA	NA	NA
Factor F	15M	Phenois, Total			×	NA	NA	NA	AN	NA	NA	0	«Z	AN	NA AN	AN	NA
Accordent (107 - 102 - 9) NA	Dlessin																
C - Voldieble (1070-13-1) X NA N	2,3,7,8	-P-Dioxin(1764-01	-6)		×	NA					AN	0	NA	NA	NA	NA	NA
Activating (172-25-5) Activation (172-25-2) Activation (172-25-5) Activation (172-25-25-5) Activation (172-25-25-25-5) Activation	Perto	- Volatile Compounds															
By (Chloromethy) Ether(E42-35-35)		Acrolein (107-02-8)			×	NA					AN	0	NA	AN	MA	NA	NA
Bennotification (T1-26-2)		Acrylonifrile (107 - 13 - 1)			×	NA					NA	0	NA	NA	NA	NA	NA
Bit Distriction District		3enzene (71-43-2)			×	XX					NA	0	NA	NA	N.	NA	NA
Chloropterace (196-52-5) X NA		3is (Chloromethyl) Ether(542-88-1)			×	NA					NA	0	NA	NA	NA	NA	NA
Cherocetrate (56-23-5) X NA NA </td <td></td> <td></td> <td></td> <td></td> <td>×</td> <td>Z</td> <td></td> <td></td> <td></td> <td></td> <td>AN</td> <td>0</td> <td>A.M</td> <td>NA N</td> <td>NA</td> <td>NA</td> <td>NA</td>					×	Z					AN	0	A.M	NA N	NA	NA	NA
Chicordenomenthane (124–86-1) X NA		Mrs.			×	Z					AN	0	NA	NA	NA	NA	NA
Chlorodbronomethane (124–48–1) X NA		1			×	ZZ					AN	0	N. N.	NA.	NA	NA	NA
Chlorocettywing Ether(110–75–8) X NA		124 - 48			×	NA					MM	0	NA	NA	NA	NA	NA
2-Cdiodetity function of the transition of		Chloroethane (75-30-3)			×	NA					NA	0	NA	NA	NA	NA	NA
Chlorotform (97 – 66 – 3) X NA N		2 - Chloroethywinyl Ether (110 - 75 - 8)			×	Z					AN	0	NA	NA	NA	NA	NA
Dichlorodromethane (75–27–4) X NA		Chloraform (67 – 66 – 3)			×	AN					AN	0	NA NA	NA.	NA	NA	NA
Discription of filting competition of filting filting of filting competition of filting filting filting for the following for the filting filting filting for the filting for the filting filting for the filting for t		Achlorobromomethane (75-27-4)			×	NA					NA	0	AN	NA	NA.	NA	NA
1.1-Dichloroethane (75-34-3) X NA NA <t< td=""><td></td><td>Achiorodifluoromethane (75-71-8)</td><td></td><td></td><td>×</td><td>ZZ</td><td></td><td></td><td></td><td></td><td>AN</td><td>0</td><td>MA</td><td>NA</td><td>NA</td><td>NA</td><td>NA</td></t<>		Achiorodifluoromethane (75-71-8)			×	ZZ					AN	0	MA	NA	NA	NA	NA
12-Dichloroetriane (107-06-2) X NA <		1 - Dichloroethane (75 - 34 - 3)			×	XX					AZ.	0	NA	NA NA	AN	NA	NA
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12-Dichloropropane (78-87-5) X NA NA <t< td=""><td></td><td>1 - Dichloroethylene (75 - 35 - 4)</td><td></td><td></td><td>×</td><td>XX</td><td></td><td></td><td></td><td></td><td>NA</td><td>0</td><td>NA</td><td>NA A</td><td>NA</td><td>NA</td><td>N.</td></t<>		1 - Dichloroethylene (75 - 35 - 4)			×	XX					NA	0	NA	NA A	NA	NA	N.
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Methylene Chloride (75–09–2) X NA NA <t< td=""><td></td><td>Hethyl Chloride (74-87-3)</td><td></td><td></td><td>×</td><td>AN</td><td>NA</td><td></td><td></td><td></td><td>Z</td><td>0</td><td>NA</td><td>AN.</td><td>NA</td><td>NA</td><td>NA</td></t<>		Hethyl Chloride (74-87-3)			×	AN	NA				Z	0	NA	AN.	NA	NA	NA
1,1,2,2,7 Tetrachloroethane (79–34–5) X NA		lethylene Chloride (75-09-2)			×	NAN	AN				NA	0	NA.	NA	NA	NA	NA
Tetrachloroethylene (127 - 18-4) X NA		,1,2,2 - Tetrachloroethane (79-34-5)			×	NA				AN	AX	0	NA	NA	NA	NA	NA
Totaliana (108 – 86 – 3)		etrachloroethylene (127 - 18 - 4)			×	AN	AX			NA	A'N	0	NA	NA	NA	NA	AN
Tologia (100 00 3)	25V. T	Toluene (108-86-3)			×	XX	NA	NA	AN	NA	AN	0	NA	NA	NA	NA	NA

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					EPA LD.	NUMBER LADO70664818	0070664818					-	OUTFALL	OUTFALL NUMBER	BOH (I)
	2 m	26.	20				LEFFLLENT				4.19	UNITS	S. INT	S. INTAKE (OPTIONAL)	JNAL)
AND CAS NUMBER	RESTING BELEVED	PER SENT	PRESENT ARGENT	a MAXIMUM D	DALLY VALUE	3	30 DAY VALLE	C. LONG TERM AVERAGE (LTA) IS NO. OF	AVERAGE (LTA)	d. NO. OF		1	- 60	VALUE	b. NO. OF
26V 1.2-Trans-Dichloroethylene (156-60-5)			×	NA	(c) manage	(1) come.	2	(1) COMC.	(Z) MA.SS	ANAL YEES	CONC	92	(1) COMC.	(Z) MASS	ANAL YSES
27V 1,1,1-Trichloroethane (71-55-6)			×	AN	AM	AN AN			42	0 0	V .	V :	NA	NA.	NA :
28V 1,12-Trichloroethane (79-00-5)			×	2	42	AM			AN .		V :	Z :	YZ :	AN :	NA
29V Trichloroethylene (79-01-6)			×	Z Z	AN	NA		N.A.	47		X :	V.	ď.	Y :	NA
30V Trichlorofluoromethane (75-69-4)			×	AZ.	AN	AM			414	0	K .	× :	Y :	AN :	AZ :
31V. Vinyi Chloride (75-01-4)			×	AN	X	AN			NA NA	0 0	NA NA	NA 4	MA	8	NA :
Part C - Acid Compounds									Y.	0	NA.	Z.	8	Z Z	NA
1A 2-Chlorophenol (95-57-8)			×	NA.	A.N.	AN	AN	NAN	ALA	0	414	414	***	****	
2A. 2,4-Dichlorophenoi (120-83-2)			×	NA	NA	NA			42	0 6	N. A.	NA NA	47	4	X :
3A. 2,4-Dimethylphenol (105-67-9)			×	NA	Z.	AZ.			AM	0 0	K 2	NA AN	Z .	NA.	NA :
4A. 4.6-Dinitro-o-Cresol (534-52-1)			×	NA	NA	NA			AN	0 0	NA NA	K 42	K K	Z Z	NA 4
			×	NA	AN	AN			42	0 0	NA NA	NA NA	NA 4	N N	4
6A 2-Nitropherol (88-75-5)			×	NA	AN	AN			42	0 0	NA NA	NA NA	NA 4	NA S	Z :
7A 4-Nitrophenol (100-02-7)			×	NA	AN	N N			KIA	0 0	NA S	× .	NA .	Y :	AN :
8A p-Chloro-m-Cresol (59-50-7)			ж	A.N.	N.A.	AN			NA	0 0	NA.	NA 4	× :	AN :	KZ.
9A. Pentachlorophenol (87-86-5)			×	NA	XX	AN			NA NA	0 0	NAM AND	2 4	NA .	Y S	NA
10A. Phenol (108-95-2)			×	NA	NA	42			NA.	0 0	NA.	N. A.	200	Z :	ď.
:1A. 2.4,6-Trichlorophenol (88-06-2)			×	AN	NA	AN			NA	2 6	4	NA .	X :	× ;	XX.
Part C - Base/Neutral Compounds								VA.	NA.	0	NA	Z Y	NA.	NA	NA A
1B. Acenaphthene (83-32-9)			×	NA	NA	AN	*Z	AM	MA	C	*14	****	****	***	
28 Acenaphthylene (208-96-8)			×	NA	NA	AZ.	AN		AIA	0 0	474	8	NA.	2	NA.
38. Anthracene (120-12-7)			×	AN	AN	2			2	0 0	2	× :	Z :	NA	V.
4B Benzidins (92-87-5)			×	AN	N N	NA			42.2	0 0	NA.	Y :	NA.	Y.	¥.
58 Benzo (a) Anthracene (56-55-3)			×	NA	AN	AN			AN AN	0	K :	NA :	NA.	NA:	ď.
69 Benzo (a) Pyrene (50-32-8)			×	AN	NA	NA			A S	0 0	NA	NA:	YA.	Y.	AN
78 3.4-Benzofluoranthene (205-99-2)			×	d'N	43	414	NA.		X :	0	NA.	NA.	NA	AN	A N
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			×	ďΖ	AZ.	NA	AN	AN	NA	0	N.	NA	NA	NA	NA.
256 Umethyl Phthalale (131–11–3)		-	×	NA	NA	NA	NA	AN	AN	0	NA	Y.N.	NA	NA	NA
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1. POLLUTANT	TESTING	BELLEVED BELLEVED	ED R. MAXIMUM DA	WUM DAILY VALLE		D. MAXIMIN 30	DAY VALLE	A LONG TERM ANERAGE STAIL	AVERACE N TAN	20 00 3				- In	4
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		×		NA	AN	AN	AN.	XX	AN	0		NA	NA	NA	NA.
		×		NA	N N	XX	AN	X	NA	0		NA	AN	NA	42
336. Hexachiorobenzene (118-74-1)		×		NA	N.	NA	NA	AN	AM	0	MA	MA	NIA.	NIA.	1
348 Hexachlorobutadiane (87 - 68 - 3)		×		NA	AN	XX	NA	NA	48	0 0	NA NA	N. W.	NA NA	NA .	X :
35B. Hexachlorocyclopentadiene (77-47-4)		×		NA	NA.	AN	NA.	MIA	42	0 0	5	No.	2	NA.	V.
368 Hexachloroethane (67-72-1)		×		NA	NA	NA	MA	ALA .	NA NA	0 0	2	Z :	NA	NA	NA
37B. Indeno (1,2,3-cd) Pyrene (193-39-5)		×	-	NA	NA	NA.	N. A.	414	AN .	0 6	NA :	NA.	NA	NA	NA
38B Isophorone (78-59-1)		×		NA	N.A	AIN	404	2	NA :	0	NA	NA.	NA	NA	Y.
398 Nachthalene (91-20-3)		* >		NIA.	2	NA.	YZ :	AZ.	NA	0	NA	NA NA	NA	NA	NA
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		×		NA	NA.	NA	NA	NA	NA	0	NA	NA	NA	NA	NA
468. 1,2,4-Trichlorobenzene (120-82-1)		×		NA	N N	NA	AN	X	AX	0	NA	NA	NA.	MA	N N
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		×		NA	KZ.	AZ.	NA A	NA	NA	C	NA	NA	NA	N.A.	21.4
		×		NA	AN	NA	NA	AN	Z A	0 0	NA	MIN	NIA	4	W. 4.4
15P Endrin Aldehyde (7421-93-4)		×		NA	NA	XX	AN	AZ.	NAM	0 0	NA NA	NA.	Y A	NA :	NA.
16P 1:eptachlor (76-44-8)		×		AX	N'A	AX	N.	AN	NA	0 0	MA	N.A.	NA 4	NA.	NA S
17P. Heptachlor Epoxide (1024-57-3)		×		NA A	NA	AN	AN	NA	MA	0 0	NA NA	W .	NA .	AN :	NA
18P PCB - 1242 (53469-21-9)		×		A Z	«Z	AN	NA.	MA	414			× :	NA :	NA	NA.
19P. PCB - 1254 (11097 - 69 - 1)		×		NA NA	X	NA	AN	NA	AN AN	0 0	NA	NA NA	NA NA	Z :	NA :
20P PCB - 1221 (11104 - 28 - 2)		×		NA NA	NA	NA	NAN AN	AZ.	42	0 0	NA.	NA	NA AIR	NA .	NA .
		×		NA	Z	NA	NA	X	AZ Z	0 0	NA	NA	N. A.	AN S	NA
22P PCB - 1248 (12672 - 29 - 6)		×		NA	AN.	X	N N	AN	MA	0	N.A.	NA AN	NA.	NA	NA :
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23P PCH - 1280 (11096 - 60 - 5)			>	ALA.	****			1.3	the contract full		ा	20 117 00	MAL (A) MARS	S AMALTOES
	minute de la constante		<	Y'A	NA				NA	0	177	Z	NA I	NA
24F. PCB - 1016 (12674 - 11 - 2)			×	N.A	NA				MA	C	17	170	1	-
25D Towarhove (Britit - 35 - 5)			,	-	1	l	Total Control of the last	-	MA:	0	.77	2	NA I	NA
Com Comprising (OCC) - OC- C)		Salar Contract	K	KZ	NA				NA	c		N.C.	*10.8	Alla
Part C - Other Parameters (1)									i vai	5	7	1	NA LAN	NA.
Chlorides		×		567	15	NA	MA	AUA	NAME AND ADDRESS OF THE PARTY O	1.		-		
Total Diseased Caline		3	-			1	-		NA.		П	N AE	NA .	NA
I VIAI LISSUMED SURIUS	The second second second	×		965	8				NA	*	1	Sec. Act	ALA.	****
				CONTRACTOR	Annual State of State				1			200	- LONG	

(1) This source (reverse osmosis reject) is currently routed to Outfall 0.02, however, by this application, Entergy is requesting authorization to reroute this intermittent wastewater to Outfall 0.06.

(2) Total alpha, Total bela, Total Radium, and Total Radium 226 are believed present within the anticipated background values for naturally occurring radioactive material.

(3) These parameters are not required to be tested in accordance with 40 CFR 122 Appendix D, Table II, III or IV and are not found on Table V of the U.S. EPA Application Form 2C; however, they were tested because they were believed present and in order to characterize the effluent with respect to the request for authorization to reroute this discharge through Autfall 006.

Notes: A flow rate of 0.011 MGD obtained during the sampling event on 6/22/95 was used to calculate the mass for all parameters.

All analytical results reported with a "less than" sign (<) were either (1) not catected in the effluent sample at or above the analytical method detection limit achieved by the applicable laboratory analytical method.

NA = Testing not required, no data svaliable.

APPENDIX C U.S. EPA APPLICATION FORM 2F

Please print or type in the unshaded areas only

LAD0070664818

2 F

EPA

United States Environmental Protection Agency Washington, DC 20460

Application for Permit To Discharge Stormwater Discharges Associated with Industrial Activity

Paperwork Reduction Act Notice

Public reporting burden for this application is estimated to average 28.6 hours per application, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate, any other aspect of this collection of information, or suggestions for improving this form, including suggestions which may increase or reduce this burden to: Chief, Information Policy Branch, PM-223, U.S. Environmental Protection Agency, 401 M. St., SW, Washington, DC 20460, or Director, Office of Information and Regulatory Affairs, Office of Management and Budget, Washington, DC 20503.

I. Outfall Location

For each outfall, list the latitude and longitude of its location to the nearest 15 seconds and the name of the receiving water.

A. Outfall Number (list)		B. Latitude			C. Longitud	e	D. Receiving Water (name)
003	30°	45'	20"	91°	19'	49"	Grants Bayou (via East Creek)
							to Mississippi River
005	30°	45'	06"	91°	19'	38"	Grants Bayou to Mississippi River
006	30°	45'	12"	91"	19'	29"	Grants Bayou (via East Creek)
							to Mississippi River
007	30°	45'	02"	91°	19'	50"	Grants Bayou (via West Creek)
							to Mississippi River
009	30°	45'	32"	91°	19'	39"	Grants Bayou to Mississippi River

II. 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 of enforcement orders, enforcement compliance schedule letters, stipulations, court orders, and grant or loan conditions.

1. Id-adification of Conditions,	2. A	Affected Outfalis			Final ince Date
Agreements, Etc.	number	source of discharge	3. Brief Description of Project	a. req.	b. proj.
N/A					
	-				
	-			-	
	+				
	-			 	-
	+				
	+				
	+				-
	-			-	-
				+	
	1				-
				1	

B. You may attach additional sheets describing any additional water pollution (or other environmental projects which may affect your discharges) you now have under way or which you plan. Indicate whether each program is now under way or planned, and indicate your actual or planned schedules for construction.

III. Site Drainage Map

Attach a site map showing topography (or indicating the outline of drainage areas served by the outfall(s) covered in the application if a topographic map is unavailable) depicting the facility including; each of its intake and discharge structures; the drainage area of each storm water outfall; paved areas and buildings within the drainage area of each storm water outfall, each known past or present areas used for outdoor storage or disposal of significant materials, each existing structural control measure to reduce pollutants in storm water runoff, materials loading and access areas, areas where pesticides, herbicides, soil conditioners and fertilizers are applied; each of its hazardous waste treatment, storage or disposal units (including each area not required to have a RCRA permit which is used for accumulating hazardous waste under 40 CFR 262.34); each well where fluids from the facility are injected underground; springs, and other surface water bodies which receive storm water discharges from the facility. See Figures 1, 2, and 4.

Continued from the Front

IV. Narrative Description of Pollutant Sources

For each outfall, provide an estimate of the area (include units) of impervious surfaces (including paved areas and building roofs) drained to the outfall, and an estimate of the total surface area drained by the outfull

Outfall	Area of Impervious Surface	Total Area Drained	Outfall	Area of Impervious Surface	Total Area Drained
Number	(provide units)	(provide units)	Number	(provide units)	(provide units)
003 005 006	0.2 Acres 5.3 Acres 23.0 Acres	0.2 Acres 8.1 Acres 26.7 Acres	007 009	30.9 Acres 2.7 Acres	89.6 Acres 10.9 Acres

Provide a narrative description of significant materials that are currently or in the past three years have been treated, stored or disposed in a manner to allow exposure to storm water, method of treatment, storage, or disposal; past and present materials menagement practices employed, in the last three years, to minimize contact by these materials with storm water runoff; materials loading and access areas; and the location, manner, and frequency in which pesticides, herbicides, soil conditioners, and fertilizers are applied.

See Section 4.0 of document.

For each outfall, provide the location and a description of existing structural and nonstructural control measures to reduce pollutants in storm water runoff; and a description of the treatment the storm water receives, including the schedule and type of maintenance for control and treatment measures and the ultimate disposal of any solid or fluid wastes other than by discharge.

Outfa'. Number	Treatment	List Codes from Table 2F-1
	See Section 4.0 of document	

V. Nonstormwater Discharges

I certify under penalty of law that the outfall(s) covered by this application have been tested or evaluated for the presence of nonstormwater discharges, and that all nonstormwater discharges from these outfall(s) are identified in either an accompanying Form 2C or Form 2E application for the outfall.

Name and Official Title (type or print)

Signature

Date Signed

Michael B. Sellman, General Manager, Plant Operations

Provide a description of the method used, the date of any testing, and the onsite drainage points that were directly observed during a test.

Best professional judgement, utilizing operator knowledge, field observations and aerial photography, was used to determined that no nonstormwater discharges contribute to or discharge through Outfall 009, and all nonstormwater discharges through Outfalls 003, 005, 006, and 007 are identified on the accompanying Form 2C (Appendix B).

VI. Significant Leaks or Spills

Provide existing information regarding the history of significant leaks or spills of toxic or hazardous pollutants at the facility in the last three years, including the approximate date and location of the spill or leak, and the type and amount of material released.

See Section 4.0 of document

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Continued	rom	rage	L

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VII. Discharge Information			
A, B, C, & D: See instructions Tables VII-A,	s before proceeding. Complete one set of ta VII-B, and VII-C are included on separate si	bles for each outfall. Annotate the outfall makets numbered VII-1 and VII-2.	amber in the space provided.
E. Potential discharges not covered to or manufacture as an intermediate	by analysis - is any pollutant listed in Table or final product or byproduct?	2F-2, 2F-3 or 2F-4, a substance or a compo	neat of a substance which you currently use
Yes flist all such poll	utants below)		No (go to Section DX)
VIII. Biological Toxicity Testir	ng Data		
Do you have any knowledge or reason	to believe that any biological test for scute	or chronic toxicity has been made on any of	your discharges or on a receiving water in
relation to your discharge within the la	st 3 years?		No (go to Section IX)
Yes slist the name, add	em VII performed by a contract laboratory of dress, and telephone number of, and pollutal such laboratory or firm below)		No (go to Section X)
A. Name	B. Address	C. Area Code & Phone No.	D. Pollutants Analyzed
Incheape Testing Services	7979 GSRI Ave. Baton Rouge, LA 70820	(504) 769-4900	All pollutants on Form 2F except pH, TRC, and FAC.
X. Certification			STATES OF STATES OF STATES
I certify under penalty of law that system designed to assure that que or persons who manage the syste of my knowledge and belief, true	ialified personnel properly gather an om or those persons directly responsi	were prepared under my direction or d evaluate the information submitted. ble for gathering the information, the tre that there are significant penalties ons.	Based on my inquiry of the person information submitted is to the best
A. Name & Official Title (type or print)	B. Area Code and Phone No.	
Michael B. Sellman, General Ma	nager, Plant Operations	(504)	381-4200
C. Signature	pa for MBS	D. Date Signed 9-14-95	

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Politicated Continued from page 3 of Form 2F)					EPA ID NUMBER						
Careb Sample Grab Sample Free 30					LAD070564518			OUTFALL NU	MBER		(1)
Carb Sample Grab Sample	VII. Discharge Information (Continue	ed from page 3 of Fo	rm 2F)								
Charle Sample Crab Sample	Part A.		1000	N-t-t-							
Careb Sample Care			MEXIMU	m varues		-75	Average Values				
	Pollutent and CAS Number	Grab Sample Taken During First 30 Minutes	Grab Sample Taken During First 30 Minutes	Flow-weighted Composite (mg/L)	Flow - weighted Composite (lbs/day)		Grab Sample Taken During First 30 Minutes		Flow- weighted Composite (lbs/day)	Number of Storm Events	Sources of Pollutants
	Off and Grease	(magn)	ins/an			(mg/L)	(lps/day)			Sampled	
Careb Sample Care	Biochemical Oxygen Demand (BOD.)					NA NA	V2	NA.	NA.	4	NA
Careb Sample Care	Chamical Ovugan Damand (COD)	90		***		8	NA	Z Z	NA		NA NA
Careb Sample Care	Total Customeraled Colide (100)	90				A N	NA	NA	NA		(2) (3)
Care Control Control	Total Susperioed Solids (195)			And the second large of the second large and the se		NA	NA	NA	NA	go-	(2) (3)
Composite Comp	lotal Kjeldani Nrtrogen (TKN)	· ·		~	V	NA	NA	NA	NA	-	AN
Careb Sample Graeb Sample Grae	Nitrate plus Nitrite Nitrogen	0.05				NA	NA	NA	NA		(3)
Careb Sample Care	Total Phosphorus					N.	NA	NA	NA	F	(3)
Careb Sample Care	pH					NA	l		Г		Ambiant
Careb Sample Grab Sample Grab Sample Grab Sample Grab Sample Grab Sample First 30 F	Part B.						1	1	1		AITIDIETT
Taken During Take			Maximu	m Values			Average Values				I
Trigle	Pollutant	Grab Sample	Grah Samula			7.5	200		-		
First 30 First 30 First 30 First 30 Composite Composite First 30 Minutes Minut	bus	Taken During	Taken During	Flow-weighted	Flow-weighted	Taken During	Grab Sample Taken During	Flow-	Flow	Number	Sources
Composite Comp	CAS Number	First 30 Minutes (mg/L)	First 30 Minutes (lbs/dey)	Composite (mg/L)	Composite (Ibs/day)	First 30 Minutes	First 30 Minutes	Composite (mg/L)	Composite (Ibs/day)	Storm	Pollutants
143 0.1 17.3 0.1 17.5 0.1	Parameters Listed in NPDES/LWDPS	Permits, and in App	dicable Effluent	Suidelines at 40 C	FR 122 28(c)(1)(6	1(F)(1) & (9)	(formal)			Sampled	
Composite Comp	Total Organic Carbon (TOC)	14.3	1.0	17.3	0.1	NA	NA	MA	MA		101 101
Careb Sample Careb Sample First 30 Minutes Min	Temperature (° C)	26.1				NA	NA	NA	NA		Ambiant
Composite Comp	Free Available Chlorine					NA	NA	NA	NA		MIA
9700 NA 5700 NA NA NA NA NA NA NA	Total Residual Chlorine (TRC)					NA	NA	NA	NA		MA
1.26	Fecal Coliform (Colonies/100 ml)	9700				NA	AN	NA	NA		(6) (6)
186 0.001	Zinc, Total	0.062	0			NA.	NA	NA	NA		(4)
Grab Sample Grab Sample Grab Sample Grab Sample Grab Sample First 30 Composite Composite Composite Composite Composite Storm Minutes Minutes	Iron, Iotai	1.86				NA	AN	NA	NA		(4)
Grab Sample Grab Sample Grab Sample Grab Sample Grab Sample Flow—Weighted Office Minutes	Copper, lotal	0.011	0.00005	0 000		NA	NA	NA	NA	-	(4)
Grab Sample Grab Sample Grab Sample Flow-weighted Flow-weighted<	Part C.		Maximus	T Values			Australia Value				
Clash Sample Clash Sample Clash Sample Clash Sample Clash Sample Flow	D. dottens	Out Out	A				Average values	The second second second	The second second second		
First 30 First 30 Composite Composite First 30 Composite Composite Composite Storm Minutes Minutes Minutes Minutes Minutes (Ibs/day) (Ibs/day) Events Fresent in 40 CFR 122 Appendix D Table II, III, IV, and Table 2F - 3: 0.002 NA NA NA NA NA NA NA 1 C 0.01 < 0.0004 < 0.01 < 0.0004 < 0.01 < 0.001	and	Taken During	Grab Sample Taken During	Flow-weighted	Flow-weighted	Grab Sample Taken During	Grab Sample Taken During	Flow -	Flow-	Number	Sources
Present in 40 CFR 122 Appendix D Table II, III, IV, and Table 2F - 3: (mg/l) (ibs/day) Sampled	CAS Number	First 30 Minutes	First 30 Minutes	Composite (mg/L)	Composite (fbs/day)	First 30 Minutes	First 30 Minutes	Composite (mg/L)	Composite (Ibs/day)	-	ollutants
 C 0.2 < 0.001 < 0.2 < 0.002 NA NA NA NA NA 1 C 0.1 < 0.0004 < 0.1 < 0.001 NA NA NA NA NA 1 O 16 0.001 O 25 0.002 NA NA NA NA NA 1 	Parameters Believed Potentially Pres	sent in 40 CFR 122 A	(lbs/day) ppendix D Table	II. III. IV. and Tab	te 2F - 3	(mg/L)	(lps/dex)			Sampled	
 C 0.1 < 0.0004 < 0.1 < 0.001 NA 	Aluminium, Totai	< 0.2	< 0.001	< 0.2		NA	NA	NA	NA	*	MA
0.16 0.001 0.25 0.002 NA NA NA NA 1	Barium, Total					NA	NA	AN	NA		NA
0.16 0.001 0.25 0.002 NA NA NA 1	Color (True/Apparent) (APHA Units)	63/74		52/75		NA	NA	NA	NA		(2) (3)
	Fluoride	0.16		0.25		NA	NA	Z	NA	-	(4)

- Sales of the services	-	AND DESCRIPTION OF THE PERSON NAMED IN		And Real Property	The resemble
	EPA ID	NUMB	ER		
	LADe7	06848	18		

VII. Discharge Information (Continued	i from	page 3 of For	m 2F)		LADe70684818			OUTFALL NU	MBER		003 (1)
The second secon		page 5 or ror		m Values			Average Values			1	
Pollutant and CAS Number	4 4	Grab Sample aken During First 30 Minutes (mg/L)	Grab Sample Taken During First 30 Minutes (lbs/day)	Flow-weighard Composite (mg/L)	Flow-weighted Composite (lbs/day)	Grab Sample Taken During First 30 Minutes (mg/L)	Grab Sample	Flow- weighted Composite (mg/L)	Fk 7- weighted Composite (lbs/day)	Number of Storm Events Sampled	Sources of Pollutant
Manganese, Total		0.068	0.0003	0.068	0.001	NA	NA NA	NA	NA NA	1	(4)
Magnesium, Total		0.601	0.003	0.599	0.005	NA	NA	NA	NA.	1	(4)
Organic Nitrogen, Total	<	1	< 0.004	< 1	< 0.01	NA NA	NA NA	NA	NA	1	NA
Radioactivity - (1) alpha, Total (pCi		10.81	NA	< 0.1	NA	NA	NA	NA	NA	1	(3)
	/L) <	0.1	NA	< 0.1	NA	NA	NA.	NA	NA		NA
Radioactivity - (3) Radium, Total (pCi	L) <	0.1	NA	< 0.1	NA NA	NA	NA	NA	NA	1	NA
Radioactivity - (4) Radium 226, Total (pCi	L) <	0.1	NA	< 0.1	NA	NA	NA	NA	NA NA	1	NA
Sulfate	<	10	< 0.04	< 10	< 0.08	NA	NA	NA.	NA NA		NA
Surfactants		0.22	0.001	0.22	0.002	NA NA	NA.	NA NA	NA NA	- :	(4)
			Maximum Values				Average Values			-	(4)
Pollutant and CAS Number		irab Sample aken During First 30 Minutes (mg/L)	Grab Sample Taken During First 30 Minutes (lbs/day)	Flow-weighted Composite (mg/L)	Flow-weighted Composite (ibs/day)	Grab Sample Taken During First 30 Minutes (mg/L)	Grab Sample	Flow- weighted Composite (mg/L)	Flow- weighted Composite (lbs/dsy)	Number of Storm Events Sampled	Sources of Pollutants
Other Parameters:	-									la militario di	
Ammonia (as N) (5)		0.22	0.001	0.20	0.002	NA	NA NA	NA	NA NA	1 .	(4)

NA = Not applicable.

< = parameters analyzed were below the analytical quantitation limit.

NOTES:

The flow rate utilized to calculate mass for grab samples was an instantaneous estimate of 0.0005 MGD.

The flow rate utilized to calculate mass for flow – weighted composite samples was 0.010 MGD. This flow rate was an arithmetic average of instantaneous measurements conducted once during first flush and once during composite sampling.

FOOTNOTES:

- (1) Outfall 003 consists of 3 separate sources: two oil/water separators which receive stormwater from the plant electric power distribution transformer yards (main and auxiliary), and a third oil/water separator which receives wastewater from non—radiologically contaminated power plant floor drains (well water, fire suppression water, and domestic potable water). It is the stormwater from the plant electric power distribution auxiliary transformer yard that was sampled with the analytical results presented on this Form 2F. These data are considered representative of stormwater from the second stormwater source to Outfall 003 (main transformer yard), which was not sampled as allowed at 40 CFR 122.21(g)(7). The two stormwater sources to Outfall 003 are considered substantially identical.
- (2) Contact with facility roads and properties.
- (3) Background levels from stormwater.
- (4) Incidental to industrial activity.
- (5) This pollutant was analyzed for, not because it was believed present in stormwater discharges, but rather because this pollutant is required to be tested at all outfalls in accordance with 40 CFR 122.21(g) (7)(i)(A).

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Total Phosphorus C pH Min. Part B. Pollutant Grab Si and Teken E CAS Number First Minu (mg Parameters Listed in NPDES/LWDPS Permits, and Total Organic Carbon (TOC) Temperature (° C) Free Available Chlorine C Total Residual Chlorine (TRC) Fecal Colform (Colonies/100 ml) Zinc, Total	Sample During t 30 utes g/L) 1 1.8 25.1 8.0 1 0.22 0.05 7.42 ample During t 30 stes	Maximu Grab Sample Taken During First 30 Minutes (lbs/day) < 0.6 1.0 15.1 4.8 < 0.6 0.13 < 0.03 Max 7.42 Maximu Grab Sample Taken During First 30 Minutes (lbs/day)	Composite (mg/L) 1.1 2.2 23.9 8.0 < 1 0.08 < 0.05 Min. NA m Values Flow-weighted Composite (mg/L)	20 215 72 < 0.9 0.07 < 0.05 Max NA Flow-weighted Composite (lbs/day)	First 30 Minutes (mg/L) NA NA NA NA NA NA NA TA NA TA NA	Taken During First 30 Minutes (Ibs/day) NA	Flow-weighted Composite (mg/L) NA S Flow-	Flow-weighted Composite (fbs/day) NA NA NA NA NA NA NA NA COMPOSITE (fbs/day)	Events Sampled 1 1 1 1 1 1 1 1 Number of Storm Events	of Pollutan (1) (2) (1) (2) (1) (2) NA (2) (2) Ambient Sources of Pollutant
and CAS Number First CAS Number First Minu (mg Oil and Grease Biochemical Oxygen Demand (BODs) Chemical Oxygen Demand (COD) Total Suspended Solids (TSS) Total Kjeldahl Nitrogen (TKN) Nitrate pius Nitrite Nitrogen Total Phosphorus pH Min. Part B. Pollutant and CAS Number First Minu (mg Parameters Listed in NPDES/LWDPS Permits, and Total Organic Carbon (TOC) Temperature (°C) Free Available Chlorine Total Residual Chlorine (TRC) Fecal Colform (Colonies/100 ml) Zinc, Total	During t 30 utes g/L) 1 1.6 25.1 8.0 1 0.22 0.05 7.42 ample During t 30 utes g/L) d in Appl	Grab Sample Taken During First 30 Minutes (lbs/day) < 0.6 1.0 151 4.8 < 0.6 0.13 < 0.03 Max 7.42 Maximu Grab Sample Taken During First 30 Minutes (lbs/day) licable Effluent (Flow - weighted Composite (mg/L) 1.1 2.2 23.9 8.0 < 1 0.08 < 0.05 Min NA Town Values Flow - weighted Composite (mg/L)	Composite (ibs/day) 1.0 2.0 21.5 7.2 < 0.9 0.07 < 0.05 Max NA Flow-weighted Composite (ibs/day)	Taken During First 30 Minutes (mg/L) NA NA NA NA NA NA NA TAKEN NA	Grab Sample Taken During First 30 Minutes (Ibs/day) NA	Flow-weighted Composite (mg/L) NA NA NA NA NA NA NA NA S Flow-weighted Composite	weighted Composite (lbs/day) NA COMPOSITE Weighted Composite	of Storm Events Sampled 1 1 1 1 1 1 Number of Storm Events	of Pollutan (1) (1) (2) (1) (2) (1) (2) NA (2) (2) Ambient Sources of
and CAS Number First Minu (mg Oil and Grease (mg Cob (mg Oil and Grease (mg Oil and Grea	During t 30 utes g/L) 1 1.6 25.1 8.0 1 0.22 0.05 7.42 ample During t 30 utes g/L) d in Appl	Taken During First 30 Minutes (lbs/day) < 0.6 1.0 151 48 < 0.6 0.13 < 0.03 Max 7.42 Maximu Grab Sample Taken During First 30 Minutes (lbs/day) licable Effluent 6	Composite (mg/L) 1.1 2.2 23.9 8.0 < 1 0.08 < 0.05 Min. NA m Values Flow-weighted Composite (mg/L)	Composite (ibs/day) 1.0 2.0 21.5 7.2 < 0.9 0.07 < 0.05 Max NA Flow-weighted Composite (ibs/day)	Taken During First 30 Minutes (mg/L) NA NA NA NA NA NA NA TAKEN NA	Grab Sample Taken During First 30 Minutes (Ibs/day) NA	Flow-weighted Composite (mg/L) NA NA NA NA NA NA NA NA S Flow-weighted Composite	weighted Composite (lbs/day) NA COMPOSITE Weighted Composite	of Storm Events Sampled 1 1 1 1 1 1 Number of Storm Events	Pollutan (1) (1) (2) (1) (2) (1) (2) NA (2) (2) Ambient Sources of
Biochemic al Oxygen Demand (BOD _s) Chemical Oxygen Demand (COD) Total Suspended Solids (TSS) Total Kjeldahl Nitro gen (TKN) Nitrate plus Nitrite Nitro gen Total Phosphorus pH Min. Part B. Pollutant and CAS Number First Minu (mg Parameters Listed in NPDES/LWDPS Permits, and Total Organic Carbon (TOC) Temperature (° C) Free Available Chlorine Total Residual Chlorine (TRC) Fecal Colform (Colonies/100 mf) Zinc, Total	1.6 25.1 8.0 1 0.22 0.05 7.42 ample During 1.30 stes y/L) d in Appl	1.0 151 48 < 0.6 0.13 < 0.03 Max 7.42 Maximu Grab Sample Taken During First 30 Minutes (lbs/day)	2.2 23.9 8.0 < 1 0.08 < 0.05 Min. NA Walues Flow-weighted Composite (mg/L)	20 215 72 < 0.9 0.07 < 0.05 Max NA Flow-weighted Composite (lbs/day)	NA NA NA NA NA NA NA NA NA TA NA NA TA NA NA NA Min. NA Grab Sample Taken During First 30 Minutes	NA NA NA NA NA NA NA NA NA Average Value Grab Sample Taken During First 30 Minutes	NA NA NA NA NA NA NA S Flow- weighted Composite	NA NA NA NA NA NA NA NA Flow- weighted Composite	Number of Storm Events	(1) (1) (2) (1) (2) (1) (2) NA (2) (2) Ambient Sources of
Chemical Oxygen Demand (COD) Total Suspended Solids (TSS) Total Kjeldahl Nitrogen (TKN) Nitrate plus Nitrite Nitrogen Total Phosphorus PM Min. Part B. Pollutant and CAS Number CAS Number First Minu (mg Parameters Listed in NPDES/LWDPS Permits, and Total Organic Carbon (TOC) Temperature (° C) Free Available Chlorine Total Residual Chlorine (TRC) Fecal Colform (Colonies/100 mf) Zinc, Total	25.1 8.0 1 0.22 0.05 7.42 ample During 1.30 stes 1/L) d in Appl	151	23.9 8.0 < 1 0.08 < 0.05 Min. NA Walues Flow-weighted Composite (mg/L)	20 21.5 7.2 < 0.9 0.07 < 0.05 Max NA Flow-weighted Composite (lbs/day)	NA NA NA NA NA NA NA NA TO NA NA Min. NA Grab Sample Taken During First 30 Minutes	NA NA NA NA NA NA NA NA Max NA Average Value Grab Sample Taken During First 30 Minutes	NA NA NA NA NA NA NA S Flow- weighted Composite	NA NA NA NA NA NA NA NA Flow- weighted Composite	Number of Storm Events	(1) (2) (1) (2) (1) (2) (1) (2) NA (2) (2) Ambient Sources of
Total Suspended Solids (TSS) Total Kjeldahl Nitrogen (TKN) Nitrate plus Nitrite Nitrogen Total Phosphorus pH Min. Part B. Pollutant and CAS Number First Minu (mg Parameters Listed in NPDES/LWDPS Permits, and Total Organic Carbon (TOC) Temperature (° C) Free Available Chlorine Total Residual Chlorine (TRC) Fecal Colform (Colonies/100 mf) Zinc, Total	8.0 1 0.22 0.05 7.42 ample During 1.30 stes 1/L) d in Appl	4 8 < 0.6 0.13 < 0.03 Max 7.42 Maximu Grab Sample Taken During First 30 Minutes (lbs/day) licable Effluent (23.9 8.0 8.0 1 0.08 0.05 Min. NA m Values Flow-weighted Composite (mg/L)	21.5 7.2 < 0.9 0.07 < 0.05 Max NA Flow-weighted Composite (lbs/day)	NA NA NA NA NA NA NA Min. NA Grab Sample Taken During First 30 Minutes	NA NA NA NA NA NA Max. NA Average Value Grab Sample Taken During First 30 Minutes	NA NA NA NA NA NA Min. NA Flow- weighted Composite	NA NA NA NA NA NA Flow- weighted Composite	Number of Storm Events	(1) (2) (1) (2) NA (2) (2) Ambient Sources of Pollutants
Total Kjeldahl Nitrogen (TKN) Nitrate plus Nitrite Nitrogen Total Phosphorus Pert B. Pollutant and CAS Number First Minu (mg Parameters Listed in NPDES/LWDPS Permits, and Total Organic Carbon (TOC) Temperature (° C) Free Available Chlorine Total Residual Chlorine (TRC) Fecal Colform (Colonies/100 mf) Zinc, Total	1 0.22 0.05 7.42 ample During 1.30 stes 1/L) d in Appl	< 0.6 0.13 0.03 Max 7.42 Maximu Grab Sample Taken During First 30 Minutes (lbs/day)	< 1 0.08 0.05 Min NA m Values Flow-weighted Composite (mg/L)	7 2 < 0.9 0.07 < 0.05 Max NA Flow-weighted Composite (lbs/day)	NA NA NA NA NA Min. NA Grab Sample Taken During Frst 30 Minutes	NA NA NA NA NA Max. NA Average Value Grab Sample Taken During First 30 Minutes	NA NA NA NA Min. NA Flow- weighted Composite	NA NA NA NA NA Max. NA Flow- weighted Composite	Number of Storm Events	(1) (2) NA (2) (2) (2) Ambient Sources of Pollutant
Nitrate plus Nitrite Nitrogen Total Phosphorus pH Min. Part B. Pollutant	0.22 0.05 7.42 ample During 1.30 stes 1/L) d in Appl	0.13 < 0.03 Max 7.42 Maximu Grab Sample Taken During First 30 Minutes (lbs/day) licable Effluent (< 1 0.08 0.05 Min NA m Values Flow-weighted Composite (mg/L)	< 0.9 0.05 Annual NA Flow-weighted Composite (lbs/day)	NA NA NA NA Min. NA Grab Sample Taken During Frst 30 Minutes	NA NA NA NA Max. NA Average Value Grab Sample Taken During First 30 Minutes	NA NA NA Min. NA Flow- weighted Composite	NA NA NA NA Max. NA Flow- weighted Composite	Number of Storm Events	NA (2) (2) Ambient Sources of Pollutant
Total Phosphorus C pH Min. Part B. Pollutant Grab Si and Teken E CAS Number First Minu (mg Parameters Listed in NPDES/LWDPS Permits, and Total Organic Carbon (TOC) Temperature (° C) Free Available Chlorine C Total Residual Chlorine (TRC) C Fecal Colform (Colonies/100 mf) Zinc, Total	0.05 7.42 ample Ouring 30 rites y(L) d in Appl	0.13 < 0.03 Max 7.42 Maximu Grab Sample Taken During First 30 Minutes (lbs/day) licable Effluent (0.08 < 0.05 Min. NA m Values Flow-weighted Composite (mg/L)	O.07 O.05 Max NA Flow-weighted Composite (lbs/day)	NA NA NA Min. NA Grab Sample Taken During First 30 Minutes	NA NA NA Max. NA Average Value Grab Sample Taken During First 30 Minutes	NA NA NA Min. NA Flow- weighted Composite	NA NA NA Max. NA Flow- weighted Composite	of Storm Events	(2) (2) Ambient Sources of Pollutant
Total Phosphorus C PoHutant Grab Si Sand Taken E CAS Number First Minu (mg Parameters Listed in NPDES/LWDPS Permits, and Total Organic Carbon (TOC) Temperature (° C) Free Available Chlorine C C C C C C C C C	0.05 7.42 ample Ouring 30 rites y(L) d in Appl	< 0.03 Max 7.42 Maximu Grab Sample Taken During First 30 Minutes (lbs/day) licable Effluent (< 0.05 Min. NA m Values Flow-weighted Composite (mg/L)	< 0.05 Max NA Flow-weighted Composite (lbs/day)	Min. NA Grab Sample Taken During First 30 Minutes	Max. NA Max. NA Average Value Grab Sample Taken During First 30 Minutes	NA Min. NA s Flow- weighted Composite	NA Max. NA Flow- weighted Composite	of Storm Events	(2) Ambient Sources of Pollutant
Part B. Pollutant Grab Stand Taken E CAS Number First Minu (mg Parameters Listed in NPDES/LWDPS Permits, and Total Organic Carbon (TOC) Temperature (° C) Free Available Chlorine Total Residual Chlorine (TRC) Fecal Colform (Colonies/100 mf) Zinc, Total	ample During 30 rites y(L)	Max 7.42 Maximu Grab Sample Taken During First 30 Minutes (lbs/day) licable Effluent (Min. NA m Values Flow-weighted Composite (mg/L)	Max NA Flow-weighted Composite (lbs/day)	Grab Sample Taken During First 30 Minutes	Max. NA Average Value Grab Sample Taken During First 30 Minutes	Min. NA s Flow- weighted Composite	Max. NA Flow- weighted Composite	of Storm Events	Sources of Pollutants
Part B. Pollutant Grab S. and Taken C CAS Number First Minu (mg Parameters Listed in NPDES/LWDPS Permits, and Total Organic Carbon (TOC) Temperature (° C) Free Available Chlorine Total Residual Chlorine (TRC) Fecal Colform (Colonies/100 mf) Zinc, Total	ample During 30 stes y/L) d in Appl	Maximu Grab Sample Taken During First 30 Minutes (lbs/day)	Flow-weighted Composite (mg/L)	Flow - weighted Composite (lbs/day)	Grab Sample Taken During First 30 Minutes	Average Value Grab Sample Taken During First 30 Minutes	Flow- weighted Composite	Flow- weighted Composite	of Storm Events	Sources of Pollutants
and CAS Number First CAS Number First Minu (mg Parameters Listed in NPDES/LWDPS Permits, and Total Organic Carbon (TOC) Temperature (° C) Free Available Chlorine Total Residual Chlorine (TRC) Fecal Colform (Colonies/100 mf) Zinc, Total	During 1 30 Ites I/L) d in Appl	Grab Sample Taken During First 30 Minutes (lbs/day) licable Effluent (Flow-weighted Composite (mg/L)	Composite (lbs/day)	Taken During First 30 Minutes	Grab Sample Taken During First 30 Minutes	Flow- weighted Composite	weighted Composite	of Storm Events	of Pollutants
And CAS Number First CAS Number First Minu (mg Parameters Listed in NPDES/LWDPS Permits, and Total Organic Carbon (TOC) Temperature (° C) Free Available Chlorine Total Residual Chlorine (TRC) Fecal Colform (Colonies/100 ml)	During 1 30 Ites I/L) d in Appl	Grab Sample Taken During First 30 Minutes (lbs/day) licable Effluent (Flow-weighted Composite (mg/L)	Composite (lbs/day)	Taken During First 30 Minutes	Grab Sample Taken During First 30 Minutes	Flow- weighted Composite	weighted Composite	of Storm Events	of Pollutants
and CAS Number First CAS Number First Minu (mg Parameters Listed in NPDES/LWDPS Permits, and Total Organic Carbon (TOC) Temperature (° C) Free Available Chlorine Total Residual Chlorine (TRC) Fecal Colform (Colonies/100 ml) Zinc, Total	During 1 30 Ites I/L) d in Appl	Taken During First 30 Minutes (lbs/day)	Composite (mg/L)	(lbs/day)	Taken During First 30 Minutes	Taken During First 30 Minutes	weighted Composite	weighted Composite	of Storm Events	of Pollutants
Parameters Listed in NPDES/LWDPS Permits, and Total Organic Carbon (TOC) Temperature (° C) Free Available Chlorine Total Residual Chlorine (TRC) Fecal Colform (Colonies/100 ml) Zinc, Total	d in Appl	licable Effluent (Guidelines at 40 Cl	FR 122.26(c)(1)((mg/L)	(lbs/day)	1	1	And the second second	
Temperature (° C) Free Available Chlorine Total Residual Chlorine (TRC) Fecal Colform (Colonies/100 ml) Zinc, Total	100		Jungelinies at 40 Ci	n 122.20(C)(1)(-	1	Sampled	
Temperature (° C) Free Available Chlorine Total Residual Chlorine (TRC) Fecal Colform (Colonies/100 ml) Zinc, Total			9.1			1				
Free Available Chlorine Total Residual Chlorine (TRC) Fecal Colform (Colonies/100 ml) Zinc, Total	25.1	NA NA	NA NA	8.2	-	NA	NA	NA	1	(1) (2)
Total Residual Chlorine (TRC) < Fecal Colform (Colonies/100 ml) Zinc, Total	0.05	< 0.03		147	-	NA	NA	NA	1	Ambient
Fecal Colform (Colonies/100 ml) Zinc, Total	0.05	< 0.03		0.00		NA	NA	NA	1	NA
Zinc, Total	12000					NA	NA	NA	1	NA
	0.077	NA	8000	1975	NA	NA	NA	NA	1	(1) (2)
non, rota:		0.046	0.043	0.000		NA	NA	NA	1	(3)
Copper, Total	0.652	0.392	1.07	0.96		NA	NA	NA	1	(3)
Part C.	0.017	0.010	0.010	0.009	NA	NA	NA	NA	1	(3)
		A PRODUCTION OF THE PARTY OF TH	m Values			Average Values				
Pollutant Grab Se and Taken D CAS Number First Minu (mg.	Ouring 30 ites	Grab Sample Taken During First 30 Minutes (lbs/day)	Composite (mg/L)	Flow-weighted Composite (lbs/day)	Grab Sample Taken During First 30 Minutes (mg/L)	Grab Sample Taken During First 30 Minutes (ibs/day)	Flow- weighted Composite (mg/L)	Flow- weighted Composite (lbs/day)	Events	Sources of Pollutants
Parameters Believed Potentially Present in 40 CFI	R 122 Ap	ppendix D Table	II, III, IV, and Tabl	e 2F - 3:	(9)-4	(ms/day)			Sempled	
Bis (2 - Ethylhexyl) Phthalate <	0.010			A CONTRACTOR OF THE PERSON NAMED IN COLUMN 2 ASSESSMENT OF THE PERSO	NA	NA NA	T 214			
Cadmium, Total	0.0010	0.0006	0.0014	9.0013	NA NA	NA NA	NA	NA	1	NA
Chromium, Total <	0.01	the state of the s	< 0.01	< 0.01	NA NA	NA NA	NA	NA	1	(3)
Silver, Total	0.002	< 0.001	< 0.002	AND THE RESIDENCE OF THE PARTY	NA NA	the same and the s	NA	NA	1	NA
Thallium, Total	0.003	< 0.002	< 0.002		NA NA	NA	NA	NA	1	NA
Aluminium, Total		0.225	0.003	0.827	NA NA	NA NA	NA NA	NA NA	1	NA

EPA ID NUMBER I ADOZOGRABIA

COURTAIN AND AND ASSESSMENT

VII. Discharge Information (Con											
Pollutant				m Values			Average Values				
and CAS Number		Grab Sample Taken During First 30 Minutes (mg/L)	Grab Sample Taken During First 30 Minutes (lbs/day)	Flow-weighted Composite (mg/L)	Flow-weighted Composite (lbs/day)	Grab Sample Teken During First 30 Minutes (mg/L)	Grab Sample Taken During First 30 Minutes (lbs/day)	Flow- weighted Composite (mg/L)	Flow- weighted Composite (!bs/day)	Number of Storm Events Sampled	Sources of Pollutants
Barium, Total		< 0.1	< 0.06	< 0.1	< 0.09		NA NA	NA	NA.	1	NA
Bromide		< 0.1	< 0.06	< 0.1	< 0.09	NA	NA	NA	NA NA	1	NA
Color (True/Apparent) (APHA Units)		134/168	NA	162/195	NA NA	NA	NA	NA NA	NA	1	(1) (2)
Fluoride		0.23	0.14	0.32	0.29	NA	NA	NA	NA NA	1	(3)
Manganese, Total		0.126	0.076	0.103	0.093	NA	NA NA	NA	NA	1	(3)
Magnesium, Total		2.86	1.72	4.21	3.79	NA	NA.	NA	NA NA	1	(3)
Organic Nitrogen, Total		< 1	< 0.6	< 1	< 0.9	NA	NA NA	NA NA	NA NA	+ ;	NA NA
Radioactivity (1) alpha, Total	(pCi/L)	< 0.1	NA	< 0.1	the second secon	NA	NA.	NA NA	NA NA	+ ;	NA
Radioactivity - (2) beta, Total	(pCi/L)	2.00	NA	< 0.1	NA	NA	NA NA	NA	NA NA	1	-
Radioactivity - (3) RaGum, Total	(pCi/L)	< 0.1	NA.	< 0.1	NA NA	NA	NA NA	NA NA	NA NA	+ ;	(2) NA
Radioactivity - (4) Radium 226, Total	(pCi/L)	< 0.1	NA.	< 0.1	NA	NA	NA NA	NA	NA NA	+ :	NA
Sufate		< 10	< 6	< 10	-	NA	NA NA	NA NA	NA NA	1	NA
Surfactants		< 0.1	< 0.06	< 0.1	< 0.09	NA	NA NA	NA NA	NA NA	+ ;	NA NA
			Maximu	m Values			Average Values	The second secon	1 Tex	+	1974
Pollutant and CAS Number		Grab Sample Taken During First 30 Minutes (mg/L)	Grab Sample Taken During First 30 Minutes (lbs/day)		Flow-weighted Composite (lbs/day)	Grab Sample Taken During First 30 Minutes (mg/L)	Grab Sample Taken During First 30 Minutes (fbs/day)	Flow- weighted Composite (mg/L)	Flow- weighted Composite (fbs/day)	Number of Storm Events Sampled	Sources of Pollutants
Other Parameters:	-				_						The second
Ammonia (as N) (4)		0.1	0.06	< 0.1	< 0.09	NA	NA NA	NA	NA	1	(3)

NA = Not applicable.

< = parameters analyzed were below the analytical quantitation limit.

NOTES:

The flow rate utilized to calculate mass for grab samples was an instantaneous estimate of 0.072 MGD.

The flow rate utilized to calculate mass for flow-weighted composite samples was 0.108 MGD. This flow rate was an arithmetic average of instantaneous measurements conducted once during first flush and once during composite sampling.

FOOTNOTES:

- (1) Contact with facility roads and properties.
- (2) Background levels from stormwater.
- (3) Incidental to industrial activity.
- (4) This pollutant was analyzed for, not because it was believed present in stormwater discharges, but rather because this pollutant is required to be tested at all outfalls in accordance with 40 CFR 122.21(g)(7)(i)(A).

EPA ID NUMBER

VII Discharge Identity IC-1	-11	AF1		LAD070664818			OUTFALL NO	MBER		006
VII. Discharge Information (Continue Part A.	ed from page 3 of Form	m 2F)								
		Maximu	m Values			Average Values			1	
Pollutant and CAS Number	Grab Sample Taken During First 30 Minutes (mg/L)	Grab Sample Taken During First 30 Minutes (lbs/day)	Flow-weighted Composite (mg/L)	Flow-weighted Composite (lbs/day)	Grab Sample Taken During First 30 Minutes (mg/L)	Grab Sample	Flow— weighted Composite (mg/L)	Flow- weighted Composite (lbs/day)	Number of Storm Events Samples	of Pollutant
Oil and Grease	< 1	< 2	< 1	< 4	The second secon	NA NA	NA	NA	Sample	NA NA
Biochemical Oxygen Demand (BOD _s)	2.2	5.3	3.7		100	NA NA	NA NA	NA NA	1	1
Chemical Oxygen Demand (COD)	28.2	67.7	19.3	1	NA	NA NA	NA	NA NA	4	1.1.1.1.1
Total Suspended Solids (TSS)	308	740	164			NA NA	NA NA	NA NA	1	1 1 1 1 1
Total Kjeldahl Nitrogen (TKN)	< 1				NA NA	NA NA	NA NA	the second second second second	1	1
Nitrate plus Nitrite Nitrogen	0.35	0.84	0.53			NA NA		NA NA	1	NA
Total Phosphorus	0.39	0.94	0.24		NA NA		NA	NA	1	(2)
pH	Min. 7.60	Name of Street, Street				NA	NA	NA NA	1	(2)
Part B.	Min. 7.00	Max 7.00	printi. No	max NA	Min. NA	Max. NA	Min. NA	Max. NA	1	Ambient
		Maximus	m Values			Average Values				
Pollutant and CAS Number	Grab Sample Taken During First 30 Minutes (mg/L)	Grab Sample Taken During First 30 Minutes (lbs/day)	Flow-weighted Composite (mg/L)	Flow-weighted Composite (lbs/day)	Grab Sample	Grab Sample Taken During First 30 Minutes	Flow- weighted Composite (mg/L)	Flow- weighted Composite (lbs/day)	Events	Sources of Pollutants
Parameters Listed in NPDES/LWDPS	Permits, and in Appli	cable Effluent G	uidelines at 40 CFI	R 122 28(c)(1)(i)(F)(1) & (2):	(lbs/day)	1		Sampled	
Total Organic Carbon (TOC)	9.8	23.5	9.7		NA NA	NA	NA	1 514	1 .	1 *** ***
Temperature (° C)	24.4	NA	NA NA			NA NA		NA NA	1	(1) (2)
Free Available Chlorine	< 0.05				NA	NA NA	NA NA	NA	1	Ambient
Total Residual Chlorine (TRC)	< 0.05	(F) (F) (M)			NA NA	NA NA	NA	NA	1	NA
Fecal Coliform (Colonies/100 ml)	4300	NA.	2100	7.00	NA NA		NA	NA	1	NA
Zinc, Total	0.089	0.214	0.156	100		NA	NA	NA	1	(1) (2)
Iron, Total	19.0	45.6	6.12		NA NA	NA	NA	NA	1	(3)
Copper, Total	0.017	0.041	0.011		NA NA	NA	NA	NA	1	(3)
Part C.	0.017	0.041	0.011	0.046	NA	NA	NA	NA NA	1	(3)
		Maximur	n Values			Asmenia Waliosa			-	
Pollutant and CAS Number	Grab Sample Taken During First 30 Minutes (mg/L)	Grab Sample Taken During First 30 Minutes (lbs/day)	Flow-weighted Composite (mg/L)	Flow-weighted Composite (lbs/day)	Grab Sample	Average Values Grab Sample Taken During First 30 Minutes (Ibs/day)	Flow- weighted Composite (mg/L)	Flow- weighted Composite (lbs/day)	Number of Storm Events Sampled	Sources of Pollutants
Parameters Believed Potentially Pres	sent in 40 CFR 122 Apr	pendix D Table I	I, III, IV, and Table	2F-3:	fBt 1-1	(instant)			Sampled	
Ethylbenzene	< 0.005			Application in the case of the	NA	NA NA	NA	NA	1 4	NA
Bis (2 - Ethylhexyl) Phthalate	< 0.010				NA NA	NA NA	NA NA	NA NA	1	NA NA
Chromium, Total	0.012	0.029	< 0.010	The second secon	NA NA	NA NA	NA NA	NA NA	1	-
Aluminium, Total	17.6	42.3	6.63		NA	NA NA	NA NA	NA NA	1	(3)
Barium, Total	0.148	0.355			NA NA	NA NA	NA NA	NA NA	1	(3)
		4.000	W.1			1994	1494	PVA.	1 1	(3)

ENTERGY OPERATIONS, INC. - River Bend Station EPA ID NUMBER

VII. Discharge Information (Cont	inued to	rom page 3 of For	m 2F)		AD070654818			OUTFALL NU	MBER		800
				m Values			Average Values				
Poliutant and CAS Number		Grab Sample Taken During First 30 Minutes (mg/L)	Grab Sample Taken During First 30 Minutes (lbs/day)	Flow-weighted Composite (mg/L)	Flow-weighted Composite (lbs/day)	Grab Sample Taken During First 30 Minutes (mg/L)		Fiow- weighted Composite (mg/L)	Flow- weighted Composite (ibs/day)	Number of Storm Events Sampled	Sources of Pollutants
Fluoride		0.34	0.82	0.18	0.76	NA	NA	NA	NA	1	The second second second second
Magnesium, Total		11.1	26.7	6.18	25.98	NA NA	NA NA	NA NA	NA NA	1	(3)
Organic Nitrogen, Total		< 1	< 2	< 1	< 4	NA NA	NA NA	NA	NA	1	NA
Radioactivity - (1) alpha, Total	(pCi/L)	< 0.1	NA NA	< 0.1	NA NA	NA	NA	NA	NA NA	1	NA
Radioactivity - (2) beta, Total	(pCi/L)	2.50	NA	< 0.1	NA.	NA	NA	NA	NA.	1	(2)
Radioactivity - (3) Radium, Total	(pCi/L)	< 0.1	NA	0.17	NA	NA	NA	NA NA	NA NA	1	(0)
Radioactivity - (4) Radium 226, Total	(pCi/L)	< 0.1	NA	0.10	NA.	NA	NA NA	NA.	NA NA	-	(2)
Sulfate		99.2	238.3	63.1	265.2	NA	NA NA	NA	NA NA	1	
Surfactants		< 0.1	< 0.2	Committee of the Commit	The second secon	NA	NA NA	NA NA	NA NA	+ :	(3) NA
		THE STATE OF THE S	Maximus	n Values	The Parallel S	EIGHT STATE	Average Values	7 40 4	1 160	-	TON
Pollutant and CAS Number		Grab Sample Taken During First 30 Minutes (mg/L)	Grab Sample Taken During First 30 Minutes (lbs/day)	Flow-weighted Composite (mg/L)	Flow-weighted Composite (lbs/dzy)	Grab Sample Taken During First 30 Minutes (mg/L)	Grab Sample	Flow- weighted Composite (mg/L)	Flow- weighted Composite (ibs/day)	Number of Storm Events Sampled	Sources of Pollutants
Other Parameters:											
Ammonia (as N) (4)		0.12	0.29	0.15	0.63	NA NA	NA	NA	NA	1 .	(9)

NA

NA

NA

1

(3)

NA = Not applicable.

< = parameters analyzed were below the analytical quantitation limit.

The flow rate utilized to calculate mass for grab samples was an instantaneous estimate of 0.288 MGD.

The flow rate utilized to calculate mass for flow -weighted composite samples was 0.504 MGD. This flow rate was an arithmetic average of instantaneous measurements conducted once during first flush and once during composite sampling.

FOOTNOTES:

- (1) Contact with facility roads and properties.
- (2) Background levels from stormwater.
- (3) Incidental to industrial activity.
- (4) This pollutant was analyzed for, not because it was believed present in stormwater discharges, but rather because this pollutant is required to be tested at all outfalls in accordance with 40 CFR 122.21(g)(7)(i)(A).

		EPA ID NUMBER LAD070664818] [OUTFALL NU	IMBER
VII. Discharge Information (Conti Part A.	inued from page 3 of Form 2F)				
	Maximum Values		Average Values		
Pollutant	Grab Sample Grab Sample		Grah Sampla	Flow	Elem

irab Sample sken During First 30 Minutes	Grab Sample Taken During First 30 Minutes	Composite	Flow-weighted Composite		Grab Sample Taken During	Flow- weighted	Flow- weighted	Number	Sources
(mg/L)	(lbs/day)	(mg/L)	(lbs/day)	First 30 Minutes (mg/L)	First 30 Minutes (lbs/day)	Composite (mg/L)	Composite (lbs/day)	Events	of Pollutants
1	< 6	< 1	< 0		The second second second second	NA	NA	Sampled	
1.6	9.6	3.9	35.1	1776.5				1	NA
20.4	122.5		1					1 3	(1) (2)
	The state of the s			The second secon		170		1	(1) (2)
1			300.3					1	(1) (2)
0.50			9				The second second second second	1	NA
						NA.	NA	1	(2)
			The second secon	NA	NA.	NA.	NA	1	NA
7.64	Max 7.64	Min. NA	Max NA	Min. NA	Max. NA	Min. NA	Max. NA	1	Ambient
	1 1.6 20.4 54.0 1 0.50	1 < 6 1.6 9.6 20.4 122.5 54.0 324.3 1 < 6 0.50 3.00 0.05 < 0.30 7.64 Max 7.64	1 < 6 < 1 1 6 9 6 3.9 20 4 122.5 12.5 54 0 324.3 40.0 1 < 6 < 1 0.50 3.00 0.35 0.05 < 0.30 < 0.05	1 < 6 < 1 < 9 1.6 9.6 3.9 35.1 20.4 122.5 12.5 112.6 54.0 324.3 40.0 360.3 1 < 6 < 1 < 9 0.50 3.00 0.35 3.15 0.05 < 0.30 < 0.05 < 0.45 7.64 Max 7.64 Min. NA Max NA	1 < 6 < 1 < 9 NA 1.6 9.6 3.9 35.1 NA 20.4 122.5 12.5 112.6 NA 54.0 324.3 40.0 360.3 NA 1 < 6 < 1 < 9 NA 0.50 3.00 0.35 3.15 NA 0.05 < 0.30 < 0.05 < 0.45 NA 7.64 Max 7.64 Min. NA Max NA Min. NA	1 < 6 < 1 < 9 NA NA 1.6 9.6 3.9 35.1 NA NA 20.4 122.5 12.5 112.6 NA NA 54.0 324.3 40.0 360.3 NA NA 1 < 6 < 1 < 9 NA NA 0.50 3.00 0.35 3.15 NA NA 0.05 < 0.30 < 0.05 < 0.45 NA NA 7.64 Max 7.64 Min. NA Max NA Min. NA Max. NA	1 < 6 < 1 < 9 NA NA NA NA 1.6 9.6 3.9 35.1 NA NA NA NA NA 20.4 122.5 12.5 112.6 NA NA NA NA NA 54.0 324.3 40.0 360.3 NA NA NA NA NA NA 1 < 6 < 1 < 9 NA NA NA NA NA 0.50 3.00 0.35 3.15 NA NA NA NA NA 0.50 3.00 0.35 3.15 NA NA NA NA NA 0.50 < 0.30 < 0.05 < 0.45 NA NA NA NA NA NA 7.64 Max 7.64 Min. NA Max NA Min. NA Max NA Min. NA Max NA Min. NA	1 < 6 < 1 < 9 NA	1 < 6 < 1 < 9 NA NA NA NA NA 1 1.6 9.6 3.9 35.1 NA NA NA NA NA 1 20.4 122.5 12.5 112.6 NA NA NA NA NA 1 54.0 324.3 40.0 360.3 NA NA NA NA NA 1 1 < 6 < 1 < 9 NA NA NA NA NA 1 0.50 3.00 0.35 3.15 NA NA NA NA NA 1 0.05 < 0.30 < 0.05 < 0.45 NA NA NA NA NA NA 1 7.64 Max 7.64 Min. NA Max NA Min. NA Max. NA Min. NA Max. NA Min. NA Max. NA 1

	Television to tribe	Maximu	m Values			Average Values			1	T
Pollutant and CAS Number	Grab Sample Taken During First 30 Minutes (mg/L)	Grab Sample Taken During First 30 Minutes (lbs/day)	Flow-weighted Composite (mg/L)	Composite (lbs/day)	First 30 Minutes	Grab Sample Taken During First 30 Minutes (Ibs/day)	Flow- weighted Composite (mg/L)	Flow- weighted Composite (lbs/day)	Events	of Pollutants
Parameters Listed in NPDES/LWDF	S Permits, and in Appl	licable Effluent	Guidelines at 40 C	FR 122.28(c)(1)(D(F)(1) & (2)	(so of any)			Sampled	
Total Organic Carbon (TOC)	5.5	33.0			NA NA	NA NA	NA		,	T and and
Temperature (°C)	23.9	NA	NA	NA.	NA	-		NA	1	(1) (2)
Free Available Chlorine	< 0.05					NA	NA	NA NA	1	Ambient
Total Residual Chlorine (TRC)	< 0.05				NA	NA	NA	NA	3	NA
Fecal Coliform (Colonies/100 ml)					NA	NA NA	NA	NA	1	NA
	TNTC	NA NA	16000	NA NA	NA	NA.	NA	NA	1	(1) (2)
Zinc, Total	0.061	0.366	0.042	0.378	NA	NA	NA	NA	1	to the second section of
Iron, Total	1.79	10.75	1.72	15.49		NA NA	NA.		1	(3)
Copper, Total	< 0.005	< 0.030		Processing and the second seco	NA NA	A CONTRACTOR OF THE PARTY OF TH		NA	1	(3)
Part C.		0.000	0.013	0.133	TN/A	NA	NA	NA	1	(3)

		Maximu	m Values			Average Values			T	T
Pollutant and CAS Number	Grab Sample Taken During First 30 Minutes (mg/L)	Grab Sample Taken During First 30 Minutes (lbs/day)	Flow-weighted Composite (mg/L)	Composite (lbs/day)	Grab Sample Taken During First 30 Minutes (mg/L)	Grab Sample Taken During First 30 Minutes (Ibs/day)	Flow- weighted Composite (mg/L)	Flow- weighted Composite (lbs/day)	Events	Sources of Pollutant
Parameters Believed Potentially Prese	nt in 40 CFR 122 A	ppendix D Table	II. III. IV. and Tab	le 2F - 3		(Sampled	
Ethylbenzene	< 0.005			The second secon	NA	NA NA	NA			
Toluene	< 0.005	The second secon			NA NA	NA NA	NA NA	NA	1	NA
Cadmium, Total	< 0.0002		0.0003		NA NA			NA	1	NA
Chromium, Total	< 0.01		And the contract of the second			NA	NA	NA	1	(3)
Nickel, Total	< 0.015				NA	NA	NA	NA	1	NA
Thallium, Total				1	NA NA	NA	NA	NA	1	NA
manium, rotar	< 0.003	< 0.018	< 0.003	< 0.027	NA	NA.	NA	NA		NA

					TAID HOMUEN						
VII. Discharge Information (Con	tinued f	rom name 3 of En-	m 2E)		LAD070864818			OUTFALL NU	MBER		007
THE DISCHARGE GOVERNMENT (CONT.)	imaca i	lom page 3 of For		m Values		T	Average Values				
Pollutant and CAS Number		Grab Sample Taken During First 36 Minutes (mg/L)	Grab Sample Taken During First 30 Minutes (lbs/day)		Flow-weighted Composite (lbs/day)	Grab Sample Taken During First 30 Minutes (mg/L)	Grab Sample	Flow- weighted Composite (mg/L)	Flow- weighted Composite (lbs/day)	Number of Storm Events Sampled	of Pollutants
Aluminium, Total		1.99	11.95	2.54	22.88	NA NA	NA NA	NA.	NA.	1	(3)
Barium, Total		< 0.1	< 0.6	< 0.1	< 0.9	NA	NA	NA	NA		NA
Bromide		< 0.1	< 0.6	< 0.1	< 0.9	NA	NA	NA	NA NA	1	NA
Color (True/Apparent) (APHA Units)		387/485	NA NA	248/439	NA NA	NA	NA NA	NA	NA	1	(1) (2)
Fluoride		< 0.1	< 0.6	0.30	2.70	NA	NA NA	NA	NA	1	(3)
Magnesium, Total		1.74	10.45	2.05	18.46	NA	NA	NA	NA NA	1	(3)
Manganese, Total		0.044	0.264	0.048	0.432	NA	NA NA	NA NA	NA NA	1	(3)
Organic Nitrogen, Total		< 1	< 6	< 1	< 9	NA	NA NA	NA	NA NA	1	NA
Radioactivity - (1) alpha, Total	(pCi/L)	< 0.1	NA NA	< 0.1	NA.	NA NA	NA	NA	NA.	-	NA
Hadioactivity - (2) beta, Total	(pCi/L)	3.19	NA	< 0.1	NA NA	NA.	NA NA	NA NA	NA NA	1	(2)
Radioactivity - (3) Radium, Total	(pCi/L)	< 0.1	NA	< 0.1	NA.	NA	NA.	NA NA	NA.	-	NA
Radioactivity - (4) Radium 226, Total	(pCi/L)	< 0.1	NA	< 0.1	NA.	NA	NA NA	NA NA	NA NA	-	NA NA
Suifate		15.2	91.3	13.5	121.6	NA.	NA NA	NA NA	NA.	+	-
Surfactants		< 0.1	< 0.6	Contract of the Contract of th	The state of the s	NA NA	NA NA	NA NA	NA NA	-	(3) NA
Titanium, Total		< 0.5	< 30	< 0.5	The section of the se	NA	NA NA	NA NA	NA NA	1	NA NA
		MINISTER,	Maximur	m Values		And the second of the second	Average Values	The second secon	THE	1	THA
Pollutant and CAS Number		Grab Sample Taken During First 30 Minutes (mg/L)	Grab Sample Taken During First 30 Minutes (lbs/day)	Flow-weighted Composite (mg/L)	Flow-weighted Composite (lbs/day)	Grab Sample	Grab Sample Taken During First 30 Minutes (lbs/day)	Flow- weighted Composite (mg/L)	Flow- weighted Composite (lbs/day)	Number of Storm Events Sampled	Sources of Pollutants
Other Parameters:	-						ENGLISH				
Ammonia (as N) (4)		0.12	0.72	< 0.10	< 0.90	NA	NA	NA	NA NA		(3)

NA = Not applicable.

< = parameters analyzed were below the analytical quantitation limit.

TNTC = Too numerous to count

NOTES:

The flow rate utilized to calculate mass for grab samples was an instantaneous estimate of 0.72 MGD.

The flow rate utilized to calculate mass for flow—weighted composite samples was 1.08 MGD. This flow rate was an arithmetic average of instantaneous measurements conducted once during first flush and once during composite sampling.

FOOTNOTES:

(1) Contact with facility roads and properties.

(2) Background levels from stormwater.

(3) Incidental to industrial activity.

(4) This pollutant was analyzed for, not because it was believed present in stormwater discharges, but rather because this pollutant is required to be tested at all outfalls in accordance with 40 CFR 122.21(g) (7)(f)(A).

EPA ID NUMBER

VII Discharge Information (Casti	-11			LAD070664818			OUTFALL NO	UMBER		009
VII. Discharge Information (Continue Part A.	ed from page 3 of Fo	rm 2F)								
		Maximu	m Values							
Pollutant and CAS Number	Grab Sample Taken During First 30 Minutes (mg/L)	Grab Sample Taken During First 30 Minutes (fbs/day)		Flow-weighted Composite (lbs/day)	First 30 Minutes	Taken During First 30 Minutes	Flow- weighted Composite (mg/L)	Flow- weighted Composite (8s/day)	Number of Storm Events	of Pollutants
Oil and Grease		< 0.01	< 1	< 0.08	(mg/L) NA	(ibs/day)			Sample	
Biochemical Oxygen Demand (BOD.)	2.6			0.00	1	NA NA	NA	NA	1	NA
Chemical Oxygen Demand (COD)	56.0			0.00		NA	NA	NA	1	(1) (2)
Total Suspended Solids (TSS)	52 0			1		NA	NA	NA	1	(1) (2)
Total Kjeldahl Nitrogen (TKN)	1.3		1.4			NA	NA	NA	1	(1)(2)
Nitrate plus ivitrite Nitrogen	0.77	0.005		0.00		NA	NA	NA	1	(2)
Total Phosphorus	0.63	0.003				NA	NA	NA	1	(2)
pH	Min 7 99		0.21		1.00	NA	NA	NA	1	(2)
Part B.	pint. 7.99	Mex 1.39	Min. NA	Max NA	Min. NA	Max. NA	Min. NA	Max. NA	1	Ambient
		Mavimu	m Values							
Pollutant	Grab Sample	Grab Sample	III YRIUES			Average Values				
and CAS Number	Taken During First 30 Minutes (mg/L)	Taken During First 30 Minutes (lbs/day)	Composite (mg/L)	Flow-weighted Composite (lbs/day)	First 30 Minutes	Grab Sample Taken During First 30 Minutes (8bs/day)	Flow- weighted Composite (mg/L)	Flow- weighted Composite (fbs/day)	Events	of Po!lutants
Parameters Listed in NPDES/LWDPS	Permits, and in App	licable Effluent	Guidelines at 40 C	FR 122.26(c)(1)	(D(E)(1) & (2)	(majony)			Sampled	1
Total Organic Carbon (TOC)	17.2	0.1	12.9			NA	NA	NA.	1 1	(4) (0)
Temperature (° C)	22 1	NA	NA NA	NA	NA NA	NA	NA NA		1	1.1 /m1
Free Available Chlorine	< 0.05	< 0.0003		The second secon		NA NA	NA NA	NA	1	Ambient
Total Residual Chiorine (TRC)	< 0.05					NA NA	NA NA	NA	1	NA
Fecal Coliform (Colonies/100 ml)	26000	NA	10600			NA NA		NA	1	NA
Zinc, Total	0.050	0.0003	0.059		NA NA	NA NA	NA	NA	1	1.1 /e1
Iron, Total	2.12	0.01	3.52			NA NA	NA	NA	1	(3)
Copper, Total	0.014	0.0001	0.016			NA NA	NA	NA	1	1 1-1
Part C.		0.000	0.010	0.0010	NA.	N/A	NA	NA	1	(3)
		Maximu	m Values			Average Values				,
Pollutant	Grab Sample	Grab Sample			Grab Sample	Grab Sample	A CONTRACTOR OF THE PARTY OF TH	-	-	-
end CAS Number	Teken During First 30 Minutes (mg/L)	Taken During First 30 Minutes (lbs/day)	Composite (mg/L)	Flow-weighted Composite (flos/day)		Taken During First 30 Minutes (lbs/day)	Flow- weighted Composite (mg/L)	Flow- weighted Composite (lbs/day)	Number of Storm Events Sampled	of Pollutanis
Parameters Believed Potentially Pres	sent in 40 CFR 122 A	ppendix D Table	II, III, IV, and Tab	le 2F-3:			-	1	Danipico	
Antimony, Total	< 0.042				NA	NA	NA	NA	1	NA
Cadmium, Total	0.0004	0.000002	0.0004	0.000025	NA	NA	NA	NA	1	
Chromium, Total	< 0.01	< 0.0001			NA	NA	NA	NA NA	1	(3) NA
Nickel, Total	< 0.015	< 0.0001	0.025		NA	NA	NA	NA	1	(3)
Selenium, Total	< 0.002	< 0.00001	< 0.002		NA	NA	NA	NA	1	NA
Silver, Total	< 0.002	< 0.00001	< 0.002	< 0.00013	NA	NA	NA	NA	1	
Thallium, Total	< 0.003	< 0.00002	< 0.003	< 0.00019	NA	NA	NA	NA	1	NA

					ADDITION OF THE				-	-	
VII. Discharge Information (Com	tinued f	rom page 3 of For	rm 2F)		LAD070684818			OUTFALL NU	MBER		009
		Page of Sirio		m Values			Average Values			1	
Pollutant and CAS Number		Grab Sample Taken During First 30 Minutes (mg/L)	Grab Sample Taken During First 30 Minutes (lbs/day)		Flow-weighted Composite (fbs/day)	Grab Sample Taken During First 30 Minutes (mg/L)		Flow- weighted Composite (mg/L)	Flow- weighted Composite (Bs/day)	Number of Storm Events Sampled	of Pollutants
Phenois, Total		< 0.005	< 0.00003	< 0.005	< 0.00032	NA	NA	NA	NA	Sauth Land	NA
Aluminium, Total		1.77	0.01	3.36	0.21	NA	NA	NA	NA NA	1	(3)
Barium, Total		< 0.1	< 0.001	< 0.1	< 0.006	NA	NA	NA.	NA NA	1	NA NA
Bromkle		0.19	0.001	0.27	0.017	NA	NA	NA.	NA NA	-	(3)
Color (True/Apparent) (APHA Units)		249/468	NA	376/903	NA	NA	NA.	NA NA	NA NA	1	(1) (2)
Fluoricie		0.63	0.004	0.24	0.015	NA.	NA	NA	NA NA	1	
Magnesium, Total		5.70	0.03	4.91	0.31	NA	NA NA	NA NA	NA NA	1	(3)
Manganese, Total		0.057	0.0003	0.053	The same of the sa	NA NA	NA NA	NA	NA NA	-	(3)
Organic Nitrogen, Total		1.1	0.01	1.22	0.08	NA	NA.	NA NA	NA NA	-	The state of the s
Radioactivity-(1) alpha, Total	(pCi/L)	< 0.1	NA		NA NA	NA	NA NA	NA NA	NA NA	1	(2) NA
Radioactivity - (2) beta, Total	(pCi/L)	4.25	NA	5.19		NA	NA NA	NA NA	NA NA	1	-
Radioactivity - (3) Radium, Total	(pCi/L)	0.16	NA.	0.15	A STATE OF THE PARTY OF THE PAR	NA.	NA NA	NA NA	NA NA	+ :	(2)
Radioactivity - (4) Radium 226, Total	(pCi/L)	< 0.1	NA	0.15	A CONTRACTOR OF THE PARTY OF TH	NA	NA NA	NA NA	NA NA	-	(2)
Sulfate		66.3	0.4	46.6	The second secon	NA	NA NA	NA NA	NA NA	-	(2)
Surfactants		< 0.1	< 0.001		-	NA	NA NA	NA NA	NA NA	-	(3) NA
Titanium, Total		< 0.5	< 0.003	< 0.5	the state of the s	NA	NA NA	NA NA	NA NA	1	NA NA
			Maximus	m Values			Average Values	1 90.5	INA		NA
Pollutant and CAS Number		Grab Sample Taken During First 30 Minutes (mg/L)	Grab Sample Taken During First 30 Minutes (lbs/day)	Flow-weighted Composite (mg/L)	Flow-weighted Composite (lbs/day)	Grab Sample		Flow- weighted Composite (mg/L)	Flow- weighted Composite (fbs/day)	Number of Storm Events Sampled	Sources of Pollutants
Other Parameters:											
Ammonia (as N) (4)		0.20	0.001	0.18	0.011	NA	NA	NA	NA	1	(3)

NA = Not applicable.

< = parameters analyzed were below the analytical quantitation limit.

NOTES:

The flow rate utilized to calculate mass for grab samples was an instantaneous estimate of 0.0007 MGD.

The flow rate utilized to calculate mass for flow—weighted composite samples was 0.0076 MGD. This flow rate was an arithmetic average of instantaneous measurements conducted once during first flush and once during composite sampling.

FOOTNOTES:

- (1) Contact with facility roads and properties.
- (2) Background levels from stormwater.
- (3) Incidental to industrial activity.
- (4) This pollutant was analyzed for, not because it was believed present in stormwater discharges, but rather because this pollutant is required to be tested at all outfalls in accordance with 40 CFR 122.21(g)(7)(i)(A).

Date of Storm Event	Duration of Storm Event (in minutes)	Total rainfall during atorm event (in inches)	Number of hours between beginning of storm meas- ure: and end of previous measurable rain event	5. Maximum flow rate during rain event (gallons/minute or specify units)	6. Total flow from rain event (gallons or specify units)
7/5/95	220	0.32	96	003 (1 gpm) 005 (100 gpm) 006 (500 gpm) 007 (1000 gpm) 009 (10 gpm)	003 (1000 gals.) 005 (19000 gals.) 006 (184000 gals.) 007 (318000 gals.)

7. Provide a description of the method of flow measurement or estimate.

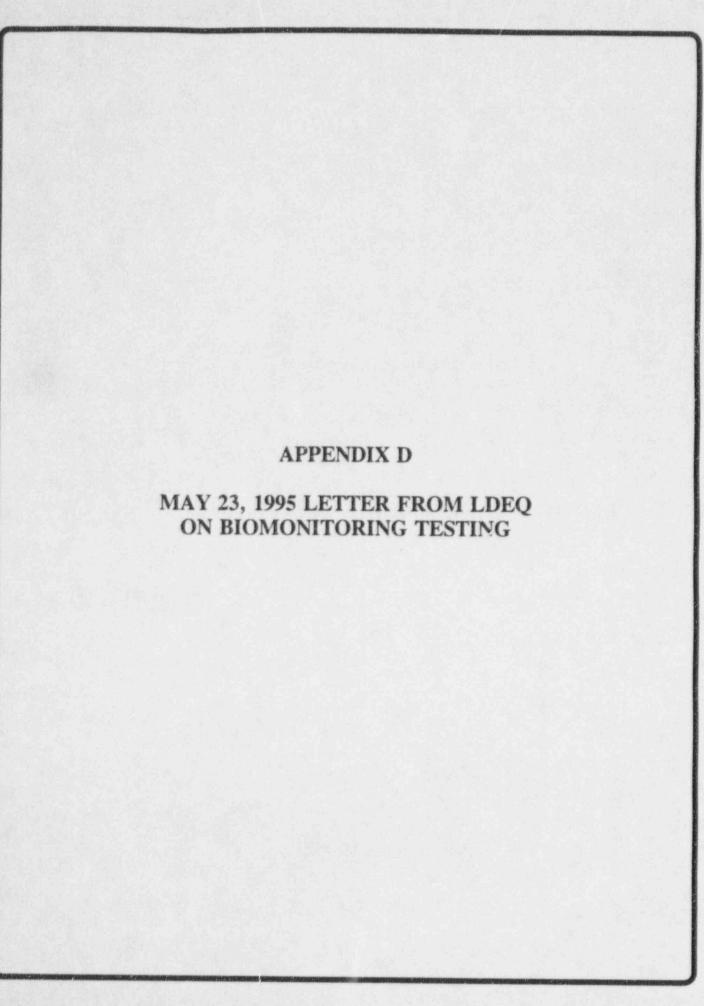
For Item 5, flow rates were estimated at Outfalls 003, 005, and 009 by timing the filling of a container of known volume. For Outfalls 006 and 007, flow rates were estimated by timing an object floating down the discharge pathway and multiplying by the cross-sectional area of the drainage feature (i.e. ditch).

For Item 6, total flow (or volume) for each outfall was estimated using runoff calculations of the formula Q=cia where Q=flow, c=runoff coefficient, i=rainfall intensity, and a=area.

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5313T03.DP





State of Louisiana

Department of Environmental Quality



Edwin Vé. Edwards Governor MAY 2 3 1995

William A. Kucharski Secretary

Certified Mail # /21090 R

File # LA0042731 Ref # WP0409

Entergy
River Bend Station
P.O. Box 220
St. Francisville, Louisiana 70775

Attention: Keith Stoma

Dear Mr. Stoma:

RE: Zebra Mussel Control Request.

The Office of Water Resources has received and reviewed Entergy's letter dated April 25, 1995, requesting permission to treat the Mississippi River water system with the non-oxidizing mulluscicide Calgon H-130. This Office has no objection to the one time treatment with this Molluscicide. Between the part conversation with the DEQ (florance Barn)

The current Louisiana permit language for major facilities in Part II Section 3. d. ii; states that the permittee must collect a 24-hour sample for biomonitoring representative of any periodic episode of chlorination, biocide usage or other potentially toxic substance discharge. In accordance with this provision, Entergy must perform a 48 hour acute freshwater biomonitoring test on a flow proportioned composite sample of the discharge taken during the zebra mussel treatment. Toxicity test procedures and quality assurance requirements for tests using Ceriodaphnia dubia and Pimephales promelas are specified in the EPA manual "Methods for Measuring the Acute Toxicity of Effluents and Receiving Waters to Freshwater and Marine Organisms", EPA/600/4-90/027. Dilutions of 0.8%, 0.6%, 0.4%, 0.3%, and 0.2% effluent must be tested.

Entergy must also verify, through appropriate testing, the discharge concentration of the molluscicide. Results of the biomonitoring, the testing for residual, and the detection limit of the residual test method used should be sent to the attention of Ronnie Bean of the Office of Water Resources.



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Entergy Page 2 of 2

Should you have any questions concerning this matter, please feel free to contact Ronnie Bean at (504) 765-0525.

Sincerely,

Dale Givens, Assistant Secretary Office of Water Resources

JDG/RAB

c: Capital Regional Office

Phil Jennings, W6-PT U.S.EPA, Region 6