B. Raiph Sylvia Senior Vice President



6400 North Dixie Highway Newport Michigan 48166 (313) 586-4150

> May 1, 1990 NRC-90-0070

U. S. Nuclear Regulatory Commission Attention: Document Control Desk Washington, D. C. 20555

Reference:

Fermi 2

NRC Docket No. 50-341 NRC License No. NPF-43

Subject:

Annual Non-Radiological Environmental Operating

Report

Pursuant to section 5.4.1 of the Environmental Protection Plan, please find attached the 1989 Annual Non-Radiological Environmental Operating Report for Fermi 2.

If you should have any questions or comments regarding this report, please contact Barbara Siemasz, Compliance Engineer, at (313) 586-1683.

Sincerely,
Bhalph & B

Enclosure

cc: A. B. Davis

R. W. DeFayette

W. G. Rogers

J. F. Stang

Region III

9005040077 891231 FDR ADOCK 05000341

1989 Annual Nonradiological Environmental Operating Report for Fermi 2

(In accordance with Appendix B to Facility Operating License No. NIF-43)

Table of Contents

Section I Executive Summary

Section II Appendices

Appendix 1 Spill Reports

Appendix 2 National Pollutant Discharge Elimination System Noncompliance Report

Appendix 3 Fermi 2 Program for Detection, Prevention, and Control of Corbicula (Asiatic Clam)

> Zebra Mussel Monitoring and Treatment Program

Appendix 4 Application for Renewal of National Pollutant Discharge Elimination System Permits for the Fermi Complex Section I Executive Summary

Executive Summary

Fermi 2 operated at over five percent power for over 65 percent of 1989 and completed its first refueling outage (September-December 1989). For the year, Fermi 2 generated power for over 208 effective full power days and had an overall capacity factor of 55 percent.

The Environmental Protection Plan (EPP) provides for protection of environmental values during any additional construction and the operation of Fermi 2. The principal objectives of the EPP are as follows:

- Verify that Fermi 2 is operated in an environmentally acceptable manner, as established by the Final Environmental Statement (FES) and environmental impact assessments.
- Coordinate NRC requirements and maintain consistency with other Federal, State and local requirements for environmental protection.
- Keep the NRC informed of the environmental effects of facility construction and operation and of actions taken to control those effects.

Environmental concerns identified in the FES which relate to water quality matters are regulated by way of Fermi's National Pollutant Discharge Elimination System (NPDES) permits. As such, water quality issues are not addressed in this report.

The components of the EPP are:

- A terrestrial monitoring program to detect long-term or sudden changes in vegetation due to operation of Fermi 2.
- A program to establish the controlled use of herbicides on transmission rights-of-way.
- 3. A program to ensure that potential changes to Fermi's design or operation, and potential tests or experiments are adequately reviewed, prior to implementation, to avoid potential adverse environmental impacts not previously evaluated. Changes in plant design, operation or the performance of tests or experiments which do not effect the environment or which are required to achieve compliance with other Federal, State or local environmental regulations, are not subject to the requirements of this EPP.
- 4. Routine monitoring for evidence of unusual or important environmental events.

A terrestrial monitoring program was conducted to measure key terrestrial parameters after startup of the Fermi 2 facility for comparison with corresponding measurements obtained prior to startup. This study focuses on effects due to the operation of the cooling towers at Fermi 2. The Fermi 2 Environmental Protection Plan requires aerial remote sensing during the first July-September period after the station has been in operation for one year. Because this type of study focuses on effects caused by the operation of cooling towers at the Fermi 2 site, Detroit Edison's first post-operational survey was performed during the July-September, 1987 period and the first followup of the survey program was performed during the July to September, 1988 period. Additional followup surveys are required to be performed in 1990, 1992, and 1994. As such, aerial remote sensing was not required, consequently, it was not conducted in 1989.

The use of herbicides at Fermi 2 must conform to the approved use of selected herbicides as registered by the Environmental Protection Agency, approved by State authorities, and applied in accordance with State requirements. Records are maintained at the site concerning herbicide use. These records include the following information: commercial and chemical names of material used, concentration of active material in formulations diluted for field use; diluting substances other than water; rates of application; method and frequency of application; location; and the date of application.

Before engaging in additional construction or operational activities which might affect the environment, Fermi 2 would prepare and record an environmental evaluation of such activity. If the evaluation should indicate that the proposed activity would involve an unreviewed environmental question, Detroit Edison would provide a written evaluation of the activity and obtain prior approval from the Director, Office of Nuclear Reactor Regulation. Activities are excluded from this requirement if all measurable, non-radiological effects are confined to the on-site areas previously disturbed during site preparation and plant construction. During the period covered by this report, there were no changes to station design or operation, tests, or experiments which involved potentially significant unreviewed environmental issues.

Any unusual occurrence or important event which indicates, or could result in, significant environmental impact causally related to plant operation is reported to the NRC within 24 hours followed by a written report. The following are considered examples of unusual or important environmental events: excessive bird impaction events, onsite plant or animal disease outbreaks, mortality unusual occurrence of any species protected by the Endangered Species Act, fish kills, and an increase in nuisance organisms or conditions. During this period several environmental incidents / concerns occurred, none of which posed any significant environmental impact causally related to plant operation. As such, they did not warrant classification as unusual or important environmental events (Appendix B to Facility Operating License No. NPF-33, section 4.1). Accordingly no non-routine reports were submitted. However, these incidents are noted in this report to provide an all-encompassing record of environmental incidents at Fermi 2. These are summarized below:

o Six spills occurred at Fermi 2 during the reporting period. The spills were reported by telephone to the Michigan Department of Natural Resources and Nuclear Regulatory Commission. Follow-up written reports (Appendix I) were sent to the Michigan Department of Natural Resources. Spill incident summary is as follows:

Date	<u>Material</u>	Qty (Gallons)	Location
1/27/89	Make-Up Demin Regeneration Waste Water (pH-2.2)	50	Stone sponge adjacent to Neutralization Tank
2/18/89	Main Condenser Cooling Water	Undetermined	Cocling Towers
7/13/89	Chlorinated General Service Water	600 - 800	Ferai I Overflow Canal
10/27/89	Non PCB Transformer 011	50	Stone sponge adjacent to transformer 2A
10/31/89	Raw Sewage	200	Storm Drain adjacent to sewage forwarding station
12/27/89	50% Ethylene Glycol/Water Misture	75	South Cooling Tower Basin

Spill sources were secured immediately upon discovery. Cleanup of spills involving soil area consisted of:

1. Soil scraping of affected area.

 Disposal of affected soil in a permitted landfill by certified environmental cleanup contractor.

3. Addition of clean fill to excavated area.

In all cases spill incidents were minor and did not cause any environmental problems. Corrective actions to prevent reoccurrence of these incidents are being implemented.

On November 24, 1989 the Daily Maximum Effluent Limitation of 0.2 mg/l total residual chlorine was exceeded for Circulating Water reservoir blowdown effluent. The noncompliance was reported by telephone to the Michigan Department of Natural Resources and the Nuclear Regulatory Commission. A follow-up written report (Appendix II) was sent to the Michigan Department of Natural Resources. The calculated daily maximum total residual chlorine concentration was 0.24 mg/l. No single analysis exceeded the 0.3 mg/l limitation. There was no observable environmental impact to the receiving waters as a result of this incident.

In late August 1989 Zebra aussels, Dreissena polymorpha were discovered colonizing cement walls of the General Service Water (GSW) intake structure. The sussels were observed by divers conducting routine monitoring in support of the Corbicula (asiatic clam) monitoring program (Appendix III). Populations of 5000-10000 individuals per square meter were observed (all were juveniles, 2-5 mm in length). Subsequent inspections of Fermi 2 raw water system components conducted throughout the first refueling outage revealed the presence of juvenile mussels in Reactor Building Closed Cooling Water heat exchangers, Turbine Lube Oil Coolers, General Service Water (CSW) pump housings, GSW pump pit and GSW relief valves (Appendix III). No tube blockage occurred as a result of zebra sussel infestation of the aforementioned heat exchangers. Monitoring of Residual Heat Removal reservoirs and Circulating Water reservoir indicated no presence of zebra mussels.

A molluscide was applied to GSW system and Fire Protection system ring header on November 23, 1989. This treatment resulted in approximately 70% Zebra mussel mortality. Future molluscide treatments of GSW and Fire Protection systems are scheduled for spring and fall of each year. Frequency of treatments may altered depending on future monitoring results. Information on the zebra mussel situation has been provided to the Nuclear Regulatory Commission Senior Resident Inspector.

An application for renewal of Fermi's National Pollutant Discharge Elimination System (PPDES) Permit No. MI0037028 was submitted to the Michigan Department of Natural Resources in October 1989 (Appendix IV). NPDES Permit reapplication is submitted for review in accordance with Appendix B to Facility Operating License No. NPF-33, Section 3.2.

Section II
Appendices

Appendix 1

Appendix 1 consists of follow-up spill reports as submitted to the Michigan Department of Natural Resources for spill events that occurred in 1989.

Reports contained herein are as follows:

- o January 27, 1989 spill of demineralizer regenerant due to overfilling of the neutralization tank.
- o February 18, 1989 spill of an undetermined amount of condenser cooling water from the cooling towers due to cooling tower ice melt.
- o July 13, 1989 spill of chlorinated General Service Water to the Fermi 1 overflow canal due to leaking strainer backwash valves.
- o October 27, 1989 spill of non-PCB transformer oil to ground adjacent to transformer 2A during oil transfer operations.
- October 31, 1989 spill of raw sewage to storm sewer due to a failure of the sewage forwarding pump.
- O December 27, 1989 spill of 50 percent ethylene glycol/water mixture to the Circulating Water reservoir as a result of a failed hydraulic control line.

2000 Second Avenue Detroit Michigan 48226 (313) 237-8000

February 3, 1989

Mr. P. D. Zugger, Chief Surface Water Quality Division Michigan Dept. of Natural Resources Stevens T. Meson Building Lenging, MI 48909

Pa: Spill Notification Follow-Up Report Fermi-2 Power glant NPDES Permit No. MI 0037028

Dear Mr. Zugger:

In accordance with Part IIA6 of NYDES Permit No. MI 0037028 (permit), the Detroit Edison Company is hereby submitting to you this follow-up report on a spill notification made to MDNR Operator 20 on January 30,1989. In the evening of January 27, 1989 the Neutralization Tank at the Fermi-2 Power Plant was inadvertently overfilled resulting in a wastewater spill of 30 to 50 gallons on the ground in the vicinity of the tank. The wastewater consisted of demineralizer regenerants and had a pH of 2.2. The wastewater immediately soaked into the ground at the tank location.

Earlier in January, the high level indicator/alarm had been removed from the Neutralization Tank and returned to the manufacturer to be rebuilt because it had malfunctioned. Since that time, visual observations had been used to track tank levels. Prior to each addition of wastewater to the tank, operators made a determination as to whether the remaining tank capacity was sufficient for the anticipated wastewater addition. However, in this case, before the regeneration cycle was completed, the tank was observed overflowing and the regeneration cycle was immediately terminated. The level in the tank was lowered sufficiently to allow the contents of the tank to be treated after which the wastewater was discharged in accordance with Part 1A3 of the permit.

It is expected that before the end of February, the level indicator/slarm will be returned from the manufacturer and reinstalled. During the interim period, the operators will be using other installed indicators to prevent reoccurence of this event as well as maintaining greater vigilance.

If you have any questions relative to this report or this incident, please contact me on (313) 237-7021.

Sincerely,

Arthur Heidrich, Jr.

Administrator

Water & Land Use Programs

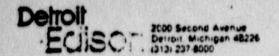
ec: C. Morse

AH: PP

R. Schraneck

bcc: J. Flynn, D. Grimes, W. Terrasi

M. Sterling



Mr. P. D. Zugger, Chief Surface Water Quality Division Michigan Dept. of Natural Resources P. O. Box 30028 Lansing, MI 48909

Re: Spill Report Follow-up Report Fermi-2 Power Plant NPDES Permit No. MI 0037028

Dear Mr. Zugger:

On February 18, 1989, at approximately 1530 hours an operator at Detroit Edison Company's (Company) Fermi-2 Power Plant (Plant) reported the loss of an undetermined amount of non-contact cooling water from the Plant's closed-cycle condenser cooling system (cooling tower system) to MDNR Operator No. 19. The report was made in accordance with Part IIA6 of NPDES Permit No. MI 0037028 (Permit). An investigation of the circumstances of the report by Plant personnel found that the source of the water that was reported lost was an ice accumulation on and about the cooling towers which melted due to warm weather and by flowing down a grade to a low point, entered Swan Greek. A flowrate of one to two gallons per minute was estimated, however, the total time of discharge or total quantity of discharge could not be determined. Plant personnel took immediate steps to prevent further run-off from the area flowing to Swan Creek. Later, an earth dike was erected to block drainage at the low point. No further remedial action was deemed necessary.

A review of the Part V Rules of the Michigan Water Resources Commission (MWRC) and the specific language of Part IIA6, "Spill Notification", of the above cited Permit as well as the definitions found in the "Industrial and Commercial Wastewater Discharge Application" leads the Company to the belief that this entire incident was not reportable under State law since it involved the loss of "mon-contact cooling water", a category of material neither cited in the Part V Rules of the MWRC nor Part IIA6 of the Permit. Therefore, in the future, the Company will no longer report similar losses of non-contact cooling water at the Plant under the State's spill reporting regulations.

If you have any questions relative to the incident or comments or objections to the position taken by the Company in this matter, please contact me on (313) 237-7021.

Sincerely.

Arthur Heidrich, 5

Administrator.

Water & Land Use Programs

AH: PP

cc: C. S. Morse, R. Schrameck

bc: S. Boyd, J. Flynn, D. Grimes,

P. Marquardt, M. Sterling, W. Terrasi

W. W.

July 21, 1989

Mr. P. D. Zugger, Chief Surface Water Quality Division Michigan Dept. of Natural Resources P. O. Box 30028 Lansing, MI 48909

Re: Spill Report Follow-Up Fermi-2 Power Plant MFDES Permit No. MI 0037028

Ž,

Dear Mr. Zugger:

On July 13, 1989, at approximately 1730 hours, Detroit Edison personnel reported to the Michigan Department of Natural Resources the inadvertent discharge of chlorine to the discharge canal of the Permi I Power Plant while chlorinating the Fermi-2 Power Plant intake water. This follow-up report is being submitted by Detroit Edison in conformance with Part IIA6 of NPDES Permit No. NI 0037028.

During the scheduled chlorination cycle on July 13, 1989, it was determined that the General Service Water strainer backwash valves in the Fermi-2 Power Plant intake structure did not isolate the system and allowed chlorinated water to flow to the Fermi I Power Plant Overflow canal. The normal strainer backwash flow is to the Fermi I Fower Plant overflow canal except during chlorination periods. Upon confirmation of the situation, chlorination was terminated. Upon investigation it was determined that the valves in question were leaking past their seats and were in need of repair. Based on the concentration of chlorine in the water leaking by the valves and the other normal flows in the Fermi I Power Plant overflow canal, it was calculated that the concentration of chlorine in the discharge from the Fermi I Power Plant overflow canal would have been in compliance with the chlorine discharge been monitored.

Plant personnel are inspecting and replacing the backwash valves to prevent reoccurrence of the problem. In the interim period, because Permi-2 Power Plant must chlorinate to provent damage to plant systems, there is and will continue to be a discharge of chlorinated water to

P. D. Zugger July 21, 1989 Page 2

Fermi I Power Plant overflow canal while Permi-2 Power Plant is chlorinating its intake water. The Fermi I Power Plant overflow canal discharge is being monitored in accordance with Part IAl of NPDES Permit No. NI 0001830 and is in compliance with the chlorine limitations specified in that Permit.

If additional information relative to this temporary operating situation is required, or you have any questions relative to it, please contact me ou (313) 237-7021.

Sincerely,

Arthur Beidrich, J

Administrator

Water & Land Use Programs

AH: PP

ec: R. Schraneck

bec: J. Flynn

D. Gipson

D. Grimes

M. Sterling

W. Terrari

STATE OF MICHIGAN DEPARTMENT OF NATURAL RESOURCES

REPORT OF OIL, SALT OR POLLUTING MATERIAL LOSSES

Pursuant to the provisions of Act 245 of the Public Acts of Michigan 1929 as amended, regulations have been issued which require that all owners, managers or operators of vessels, oil storage or on land facilities shall notify the Water Resources Commission or his authorized representative of oil, salt and polluting material losses. This notification shall be made promptly by telephone or telegraph, giving briefly the particulars, and by mail, giving a detailed account of events and conditions.

Date	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	any Name		
Location of Loss (Be Specific)		DETROIT EDISON COMP	ANY	
	6400 N	. DIXIE HWY.		
THE POWER TERM!	<u> </u>			
FRENCHTOWN TWP.		MONROE		
Material Lost		Amount	Name of Surface Water invol	lved
NON-PCB OIL		50.00 GALLON(S)	NONE Time of Discovery	
Date Loss was Discovered			1900 HOURS	
10/21/89 Name of Department of Natural Res	Durces Res	presentative Contected	11900 10000	
PEAS OPERATOR - 6				
Telephoned or Telegraphed by Who	m			Time
MR. F. LEHMANN				1445 HRS 10/23/89
Cause of Loss (include Type of Equip				
TRANSFORMER- HEATER RE	LIEF V	LV - PUMP RELIEVED	WHILE EMPTYING TRAN	SFORMER
-				
Nature of Loss (Include Complete De				
SPILL FLUID CONTACTED	- THE	STONE SPONGE NEAR TO	HE EQUIPMENT.	
Additional Comments (Include Met	nod of Cor	itrol, Plans for Prevention of Re	currence, etc)	
CLEAN-UP IS UNDERWAY A				S AND/OR WILL
BE CLEANED, AND IF APP	ROPRIA	TE, REMOVED AND DIS	POSED OF IN AN APPR	OVED MANNER.
77-000-0000			(By (Signature)	
Company name				. —
DETROIT EDISON			Lust	Polecy

Return this form to: Michigan Water Resources Commission Attention: Executive Secretary

> Box 30028 Lansing, Mi 48909 24 hr. Emergency Notification Number 1-800-292-4706

Dehroll Estate CAT 1

November 7, 1989

Mr. P. D. Zugger, Chief Surface Water Quality Division Department of Natural Resources P.O. Box 30028 Lancing, MI 48909

Re: Spill Notification Follow-up Report Fermi-2 Power Plant NPDES Permit No. MI 0037028

Dear Mr. Zugger:

On October 31, 1989, at approximately 0200 hours, an operator at the Fermi-2 Power Plant discovered a sewage tank had overflowed spilling an estimated 200 gallons of raw sewage into a storm sewer. The storm sewer discharges to Swan Creek through Outfall 002 and the Fermi I Overflow Canal. Plant personnel immediately notified MDNR Operator No. 12 of the spill. The immediate remedial action taken was to manually start a backup sewage pump.

The cause of the spill appeared to be the failure of the sewage pump to start when it received an automatic start signal. The situation was further compounded by the failure of an alarm system to alert the control room operators of the pump's malfunction.

Plant personnel are presently investigating the incident including the testing of the pump's auto-start system and the functioning of the tank high level alarms. Further corrective action will be developed and implemented to prevent a reoccurrence of this incident.

If you have any questions regarding the incident or this report, please contact me on (313) 237-7021.

Sincerely.

Arthur Heidrich, Jr.

Administrator

Water & Land Use Programs

AH: PP

Ec: R. Schrameck N. Yoon

bcc: J. Flynn

7. Lehmann

M. Sterling

W. Terrast



January 8, 1990

Mr. Paul Zugger, Chief Surface Water Quality Division Michigan Department of Natural Resources Stevens T. Mason Building P. O. Box 30028 Lansing, MI 48909

Re: Enrico Fermi Power Plant NPDES Permit No. MI0037028

Dear Mr. Zugger:

Recently staff of the Enrico Fermi Power Plant reported a spill to the Emergency Response Center even though the spilled substance is not included under the listings provided by the Spill Notification provisions of Part IIAS of the above captioned permit. The spilled substance is neither a product, by-product, intermediary product, oil, solvent, waste material, or polluting material as defined by the Part 5 rules of the Michigan water Resources Commission Act. However, since the call was made the Company wishes to provide the following complete report on the incident.

On December 27, 1989 at 2145 hours, operators at Detroit Edison's Fermi 2 Power Plant reported to the MDNR Operator 22, that approximately 75 gallons of 50 percent ethylene glycol/water mixture leaked into the Circulating Water Reservoir via the South Cooling Tower. The reservoir was continuously decanting to Lake Erie (Outfall DO1) at the time of occurrence.

The spill was determined to be caused by leaking hydraulic lines which control de-icing valves on the south Cooling Tower. The hydraulic control fluid, a 50 percent mixture of ethylene glycol and water, is contained in a 75 gallon tank. When cooling towers were placed in de-icing mode with hydraulic lines were pressurized to open \$5 valves supplying warm water to the towers. Several of the hydraulic lines which service these valves had developed leaks which cause the entire contents of the tank to drain to the South Cooling Tower basin.

Immediate actions were taken to repair the leaking hydraulic lines. Future corrective actions will involve increasing the frequency of preventative maintenance on the de-icing system hydraulic lines.

Mr. Paul Zugger, Chief January 8, 1990 Page 2

Please call me at 237-8714 17 you have any questions.

Sincerely.

Dennis Leonard Environmental Protection

DL/11

bcc: A Heidrich F. Lehmann

Appendix 2

Appendix 2 contains a noncompliance notification for National Pollutant Discharge Elimination System Permit No. MI 0037028 Circulating Water Decant effluent (outfall 001) submitted to the Michigan Department of Natural Resources on December 11, 1989. The noncompliance was due to exceedance of the daily maximum effluent limitation for total residual chlorine which took place on November 24, 1989.

Detroil Edison Street Account Account

December 11, 1989

Mr. P. D. Zugger, Chief Surface Water Quality Division Michigan Dopt. of Natural Resources P. O. Box 30028 Lensing, MI 48909

Re: Noncompliance Notification Fermi-2 Power Plant NPDES Permit No. MI0037028

Deer Mr. Zugger:

On December 6, 1989, at the Permi-2 Power Plant (Plant) during a review of Plant operating data for preparation of the November 1989 Discharge Monitoring Report, it was discovered by Plant staff that on November 24, 1989, the Daily Maximum Effluent Limitation of 0.2 mg/l of Total Residue Chlorine, as specified in part IAI of NPDES Permit No. MI0037028, may have been exceeded. Evaluation of the analytical data obtained during the chlorine discharge period indicated a calculated daily maximum total residual chlorine concentration of 0.24 mg/l in the discharge from Outfall DOI. No single analysis exceeded the 0.3 mg/l limitation.

A review of the circumstances associated with this chlorination period indicated two significant factors contributed to the possible noncompliance. First, the General Service Water System which supplies make-up water to the Plant's circulating Water System had been treated with a sollusticide the previous day which may have substantially reduced the chlorine demand in the system. Plant staff had not anticipated this effect and did not compensate for it. Secondly, the Plant had been out of service and there was no heat load on the system, therefore, the cooling towers were being bypassed. This resulted in lower than normal chlorine loads from the system through seration.

To prevent reoccurrence of this incident in the future, the Plant will suspend chlorination for a longer duration following treatment with a bolluscicide and will initiate chlorination at a reduced level when it is resumed.

If you have any questions relative to this incident or this report, please contact me on (313) 237-7021.

Sincerely,

Arthur Meidrich, Jr

Administrator

Water & Land Use Programs

AH: PP

ee: R. Schrameck

H. Toon

Appendix 3

Appendix 3 contains a copy of Fermi's Program for Detection, Prevention, and Control of Corbicula (asiatic clam). This Implementation Plan describes the monitoring locations and methodologies used to detect the presence of Corbicula and Zebra mussels for raw water cooling systems at Fermi. Appendix 3 also contains Ruclear Plant Chemistry memo NP-CH-89-CO99 which describes the status of the Zebra mussel infestation and associated treatment program at Fermi.

Permi-1 Program for Detection, Prevention, and Destrol of Corbicule (Asiatic Clam)

Implementation Plan

Revision 6, 13 November 1986 Written by: J. Kapus

TABLE OF CONTENTS

Item		Page Number
1	Purpose	
11	Responsibilities	1
111	Sampling/Monitoring Locations	•
17	Sampling/Monitoring Procedures	•
•	Sample Processing	
VI	Sampling/Monitoring Prequencies	
VII	Sample Analysis	
VIII	Corrective Action	•
11	Records	•
	Natris .	•
XI	Approvale	11

I. PURPOSE

This document is intended to provide the specifics necessary to implement the "Formi-2 Program for the Detection, Provention, and Control of Corbicals." The individual sections of this implementation plan describe the who, where, bow, when, and what if of the Corbicals is us at Formi.

Corbicula is a timy class (about a half inch long when mature) which likes to brood in warm, gently flowing water. This is of particular concern when the seviroment is a "safety related" socking system of a nuclear power plant.

Accordingly, we are implementing the monitoring progress contained berein. Additional menitoring will be accomplished as demad necessary.

Section X is a matrix which provides an everylew of how the individual elements of this plan fit together.

11. RESPONSIBILITIES

A. <u>Scheduling</u> - Progress activity scheduling will be the responsibility of Ruclear Production's Maintenance Group. Scheduling will be implemented via the Proventitive Maintenance (PH) Progress, the Surveillance Progress, and the Performance Evaluation Progress (P.E.P). These progress will schedule, conduct, track, and document work activities.

If resonably possible, scheduling should be accomplished such that sample media is forwarded for processing or analysis during normal working hours. Appropriate maintenance instructions and procedures will be revised to require inspection and sampling of heat exchangers, including the main condensor during corrective maintenance.

- B. Sampling/Monitoring (locations are listed in Section 311)
 - 1. Best exchanger improction/sleaning ampling to the responsibility of Buclear Production's Maintenance Group.
 - 2. Flush scaples of the Pire Protection System are the responsibility of Buclear Production's Operations Group.
 - 2. All other empling/monitoring is the responsibility of the Environmental Programs Coordinator (EPC).

C. Detweetletten - each time an inspection for Corbicula is performed, whether or not Corbicula is found, the affort must be decumented. A copy of that documentation must be expeditiously forwarded to the EPC for his use in preparing the manual report.

- D. Sampling Processing and Transport is the responsibility of the EPC. However, it is the responsibility of each Group to forward to the EPC samples for which they are responsible.
- 2. Sample Media and Videotape Analysis is the responsibility of the Aquatic Biologist, Engineering Research (ER).

7. Corrective Action

- 1) Recommending corrective action is the responsibility of the Aquatic Biologist, ER.
- 2) approval and implementation of corrective action is the responsibility of the Assistant Manager, Buclear Production.
- G. Program Coordination is the responsibility of the EPC.

TIT. SAMPLING/MONITORING LOCATIONS

- A. General Service Water (GSW) intake structure
 - 1. Downstream side of the traveling screens
 - a. Fermi-2 GSW pumphouse pit floor approximately one-third of the distance from the traveling screens to the GSW pumps, as close as reasonably possible to the east wall
 - b. Fermi-2 GSW pumphouse pit floor approximately two-thirds of the distance from the traveling screens to the GSW pumps, as close as reasonably possible to the east wall
 - c. Fermi-2 GSW pumphouse pit floor approximately one-third of the distance from the traveling screens to the GSW pumps, as close as reasonably possible to the west wall
 - d. Permi-2 GSW pumphouse pit floor approximately two-third of the distance from the traveling screens to the GSW pumps, as close as reasonably possible to the west wall
 - 2. Inlet and Outlet of best exchangers and coolers
 - a. GSW inlet and outlet end bells of the east EBCCW heat exchanger
 - b. GSW inlet and outlet and bells of the west RBCCW beat exchanger

- c. GSW inlet and outlet end bells of the east TBCCW heat exchanger.

 d. GSW inlet and outlet end bells of the west TBCCW heat exchanger

 e. mein generator hydrogen cooler #1 inlet*

 f. main generator bydrogen cooler #2 inlet*
 - g. main generator hydrogen cooler #3 inlet*
 - h. main generator hydrogen cooler #4 inlet*

*MOTE: Given the two-pass vertical "U" tube configuration of these coolers, sample media will probably not be evailable. The inlet, however, should be examined for blocked tubes.

- i. upper main turbine lube oil cooler outlet
- j. lover main turbine lube oil cooler outlet

B. Circulating Water (CW)

- 1. Bot and cold basins of cooling towers
 - a. bot water basin north cooling tower
 - b. bot water basin south cooling tower
 - c. cold water basin north cooling tower
 - d. cold water basin south cooling tower
- 2. Downstream of the fixed acreens
 - a. downstream of the east CMPH fixed inlet screen (between the fixed screen and the CM pumps)
 - b. downstream of the center CMPH fixed inlet creen (between the fixed screen and the CM pumps)
 - c. downstream of the west CMPH fixed inlet screen (between the fixed screen and the CM pumps)
- 3. Inlet and outlet water boxes of the main condenser
 - a. northeast CW inlet water box of the main condenser
 - b. northwest CV inlet water box of the main condenser
 - c. southeast CW inlet water box of the main condenser
 - d. southwest CW inlet water box of the main condenser

- e. east ON outlet water box of the main condenser
- f. west ON outlet water box of the main condenser
- 4. Thermal Plume of cooling water blowdown
 - a. from Lake Eric on the right edge of the decent ramp 5-15 yards from the shoreline
 - b. from Lake Brie on the left edge of the decant ramp 5-15 yards from shoreline

C. Residual Best Removal Service Water (RERSW)

- 1. Inlet and outlet of heat exchangers
 - a. RERSW inlet/outlet plenum of the (Division I) RER heat exchanger
 - b. RERSW inlet/outlet plenum of the (Division II) RER heat exchanger
 - c. RERSW inlet and outlet and bells, northwest EECW best exchanger
 - d. RERSW inlet and outlet end bells, southeast EECW heat exchanger
 - e. EDGSW inlet, #11 EDG air cooler
 - f. EDGSW inlet, #11 EDG oil cooler
 - g. EDGSW outlet, #11 EDG jacket cooler
 - h EDGSW inlet, #12 EDG air cooler
 - i. EDGSW inlet, #12 EDG oil cooler
 - j EDGSW outlet, #12 EDG jacket cooler
 - k. EDGSW inlet, #13 EDG air cooler
 - 1 EDGEW islet, #13 EDG oil cooler
 - m. EDGSW outlet, #13 EDG jacket cooler
 - m EDGSW inlet, #14 EDG air cooler
 - e. EDGSW inlet, #14 EDG oil cooler
 - P EDGSW outlet, #14 EDG jacket cooler

2. Bottom of RER reservoir

- a. RER reservoir (Division I) center of east side
- b. REE reservoir (Division I) center of south side
- c. RER reservoir (Division 1) northwest corner
- d. RER reservoir (Division II) center east side
- e. RER reservoir (Division II) center south side
- f. RER reservoir (Division II) northwest corner

D. Fire Protection System

- 1. fire ring beader in accordance with POM Procedure 24.501.03
- 2. Turbine and Reactor Buildings utilizing the valves indicated:
 - a. Used oil storage Rm. sprinkler system inspectors test valve USO-P41E, in accordance with POM Procedure . 27.501.20.
 - b. Cable Tray area sprinkler system inspectors test valve UBO-F042G, in accordance with PON Procedure 27.501.20.
 - c. 2nd F1 Cable Trey area sprinkler system inspectors test valve T80-P051, in accordance with POM Procedure 24.501.17.
 - Railroad Bay sprinkler system inspectors test valve T80-P049, in accordance with POM Procedure 24.501.17.

IV. SAMPLING/MONITORING PROCEDURES (refer to the Matrix, Section X, to determine which technique to use at any particular sample location)

A. PORAR dredge

- 1. Lower the opened dredge (do not drop) until it touches bottom.
- 2. Slack the line momentarily, then draw the sampler up in a smooth, continuous manner.
- 3. Remove sample from dredge into clean vaterproof containers.
- 4. Repeat up to five times or until approximately one gallon of debris is collected.
- 5. Process sample (Section V) within eight hours of sample collection.

B. Remotely positioned or diver positioned video camera

- 1. Obtain a vidotaped record of the sample area.
- 2. Porward to the Aquatic Biologist (ER) for amalysis.

C. Rend Collection

- 1. Wearing protective waterproof gloves, remove no more than 10 gallons of debrie to clean waterproof containers. Attempt to exclude monsbell materials. Include all shell fragments from tube ends.
- 2. Deliver samples to a location designated by the EPC within four hours of collection.

D. Band Collection

- 1. Wearing protective waterproof gloves, place loose surface material (no more than 10 gallons) from an area two foot by two foot (2' x 2'), using any convenient scoop-type device, in clean waterproof containers. Discard monshell materials.
- Process sample (Section V) within eight hours of sample collection.

Z. Messurement

- 1. Measure and record depth of sediment at sampling location.
- 2. Porvard written documentation of this measurement to the Aquatic Biologist, ER; copy the EPC.

7. Band Collection

- 1. Wearing protective waterproof gloves, collect all loose surface material from a one square meter area; discard monshell materials.
 - 2. Place collected materials in clean waterproof containers.
- 3. Process sample (Section V) within eight hours of sample collection.

G. Straining

- 1. Position a straining device (window screen mesh) such that the sample volume passes through the strainer.
- 2. Place any shell material which accumulates on screen during flush in clean waterproof containers. Deliver samples to a location designated by the EPC, within four hours of sample collection.

B. Rend Collection

- 1. Wearing protective waterproof gloves, collect all shells and shell fragments.
- 2. Place these meterials in clean waterproof containers.
- 3. Process sample (Section V) within eight hours of collection.

V. SAMPLE PROCESSING

- 1. Water wash loose material through a window screening. Discard monabell material.
- 2. Place washed material in clean waterproof containers.
- 3. Label containers with: 1) sample location designation and 2) time/date.
- 4. Place on ice or refrigerate within eight hours of sample collection.
- 5. Transport to the Aquatic Biologist, ER, within 72 hours of sample collection.
- VI. PREQUENCIES (refer to the Matrix, Section X, to determine the frequency requirement for any particular component)
 - A. Inspect when opened for routine PM program purposes.
 - 3. Spring (April June)
 - C. Fall (September November)
 - D. Every 18 months (to coincide with scheduled surveillances)
 - 2. Inspect individual components if their performance decreases eignificantly.
 - y. Inspect selected components* if corbicula are found in source waters (RHR reservoirs, GSW pumphouses, or circulating water reservoir/pump house).
 - * DECo's Aquatic Biologist will, after reviewing relevant data and consulting with Nuclear Production, recommend which components to inspect during the next scheduled outage.

VII. SAMPLE ARALYSIS

A written report of the results of all sample/videotape analysis will be provided to the EPC by the Aquatic Biologist, ER.

- VIII. CORRECTIVE ACTION will be implemented by Muclear Production. DECo's Aquatic Biologist, subsequent to his examination of sample media or videotapes, may recommend:
 - A. Mechanical (manual) removal
 - 3. Dredging
 - C. Flushing
 - D. Chemical Treatment

The Aquatic Biologist, ER will monitor corrective actions to determine when adequate control measures have been taken.

II. RECORDS

- The Aquatic Biologist-ER, will forward documentation of 1) the
 results of his sample/videotape analyses, 2) recommendations for
 corrective action, and 3) "adequacy of corrective actions"
 determinations to the EPC as they are developed.
- Annually in January, the EPC will forward to Document Control, for permanent retention, a report and/or records which substantiate and provide detail regarding the accomplishment of this program for the previous year.

Bertler Fortering Location (Sect. 111)	A. I. o through A. I. d (CEW Latake effrectory)	through A.2.5 (GSU supply to Nt. ench.	Cooling for.	Cooling Tor.	8.2.e Ebrough 8.2.c. (COFR)	8.3.e Chrucah 8.3.f. (Refe
PREQUENCE (SECT. 91)	•	A, B,	9	.	e s	₹ 8
CONTROLLING CONTROL CO	8.8	eal 88			9	 1.
SMITTONING HONITONING PROCEEDING(8) (SECT. IV)	6	v		.	A 620 B	v
COMMECTIVE ACTION (IF RECOMMEND) (SECT. 9TII)		•	•	•	•	€ .

Sapilar Bonitoria Location (Sect. III)		C.1.e. through C.1.p. (RMESU to heat each. & coolers)	C.2.f.	D.1 and D.2.s through D.2.d (fire protection)
PREQUENCT (SECT. 71)	•	1.7. A		
COLLECTION RESPONSIBILITY (SECT. 11)	*	=	2	*
SAMPLING- HONITORING PROCEDURES (SECT. 1V)		·		
CORRECTIVE ACTION (IF REQUESTED) (SECT. VIII)	1		•	•

Date: December 5, 1989

NP-CH-89-0099

To:

Distribution

From:

P. M. Lehmann

Reference: Fermi 2 Program for Detection, Prevention, and Control of

Corbicula (Asiatic clas)

Subject: Monitoring and Control of Zebra Mussels at Fermi

The Zebra mussel, <u>Dreissena polymorpha</u>, is a European mollusk that invaded the Great Lakes during the past few years. This new organism is very adaptable and is already imposing major fouling concerns by attaching to power plant water supply intakes, piping, and heat exchangers thus threatening plant operation. Fermi 2 has already discovered zebra mussels within the GSW system. The following will summarily describe our monitoring program, extent of current sebra mussel infestation and present/future control methodologies.

The Zebra mussel "invasion" has not caught us unawares at Fermi 2. The earlier potential for plant water supply fouling by the asiatic clam, Corbicula sp. prompted us to develop/implement an extensive Corbicula Monitoring Program (November 1986). The program requires periodic inspections of our General Service Water (GSW), Circulating Water (CW), Residual Heat Removal (RHR) and Fire Protection systems. Actual sampling locations, methodologies and frequencies can be found in Reference 1. The Corbicula Monitoring program along with proactive consultation from our water treatment vender, Betz Laboratories, has given us early warning of the precence of zebra mussels at Fermi. This has prompted us to fold inspections of raw water systems for Zebra mussels, into the existing Corbicula Monitoring Program. We have been on the lookout for their presence since early this year.

Zebra mussels were first discovered at the GSW intake structure in August of this year. Divers observed populations of 5,000-10,000 individuals per square meter clinging to the cement wall (all were juveniles, 2-5 mm in length). In contrast Monroe Power Plant presently has populations of 700,000 individuals per square meter on their intake structure with approximately 80% blockage of their trash bars. Subsequent inspections of Fermi 2 raw water system components conducted throughout RF01 revealed the presence of living clams in RBCCW heat exchangers, Turbine Lube Oil Coolers, GSW pump housings, GSW pump pit, and GSW relief valves. No living clams have been found to date in the CW, RHRSW or Fire Protection systems. A small number of Zebra mussel shells were observed in main condenser water boxes, and hot water basins of the cooling towers. A comprehensive inspection report will be forthcoming in January.

Severe zebra mussel infestations observed at Monroe Power Plant prompted Fermi Chemistry personnel to investigate possible control methods. A molluscicide developed by Betz Industrial for the control of Corbicula (Clam-Trol CT-1) was selected for use in Fermi's raw water systems. This chemical has been proven in laboratory test to be as effective on Zebra mussels as it is for Corbicula. (See attachments). Chemistry group first applied CT-1 in the CW system in late August primarily as a shock treatment for algae control.

Recently the GSW system and portions of the Fire Protection system were treated for zebra mussels. The treatment involved operating the GSW system in recirculating mode while maintaining a concentration of 15-20 ppm CT-1 in GSW. The chemical was fed into the system for 15 hours. Two test chambers were set up with live Zebra mussels in the GSW pump house. These test chambers received treated GSW throughout the entire treatment. Due to latent mortality effects (clams sometimes won't die for up to three weeks following treatment) no kill efficiencies are available at this time. Future treatment of Fermi raw water systems will consist of spring and fall applications of CT-1 to both CW and GSW systems at concentrations of 15-20 ppm. Frequency of treatment may be altered depending on future monitoring results. We recently applied to the Michigan Department of Natural Resources (MDNR) for generic permission to periodically apply CT-1 to our raw water systems. Formal MDNR approval was received on 11-15-89. Chemical treatment of the GSW intake structure is currently not possible due to environmental regulatory contraints. It may therefore tecome necessary to remove Zebra mussels from the intake structure by mechanical means (scraping and/or hydroblasting). Future inspections will indicate when and how often this will be necessary.

Distribution NP-CH-89-0099 Page 3

In Summary:

- o November 1986 Corbicula Monitoring Program implemented at Fermi.
- o August 1989 Zebra mussels discovered on GSW intake structure (5000-10,000 indivs./sq. meter).

Treated CW system with Betz Clam-Trol CT-1.

- October 1989 Zebra sussels discovered in RBCCW HX, Turbine Lube Oil Coolers, GSW pump housings, GSW relief valves and GSW pump pit.
- o October 1989 Monroe Power Plant incurs 80% blockage of intake water trash bars due to Zebra aussel infestation (700,000 indivs./sq. meter).
- o Nov. 15, 1989 Received MDNR generic approval to periodically apply
 Betz Clam-Trol Ct-1 as molluscicide in Fermi raw water
 systems.
- o Nov. 22/23, Treated GSW and portions of Fire Protection system with Class-Trol CT-1.
- o Spring/Fall Plan to treat GSW and CW systems with Clam-Trol CT-1.

 1990

 If you have any questions regarding this subject please contact me at extension 6-5577.

WT/FML/cjn

Noted by: WTerras

W. Terrasi

General Supervisor Chemistry

co: S. G. Catola

W. S. Orser

G. V. Cranston

A. C. Settles

R. J. DeWulf

K. M. Shields

R. R. Eberhardt

B. R. Sylvia

D. R. Gipson

W. M. Tucker

- A. Kowalczuk
- P. R. Lovallo
- R. McKeon
- C. M. Naegeli

CLAM-TROL" CT-1

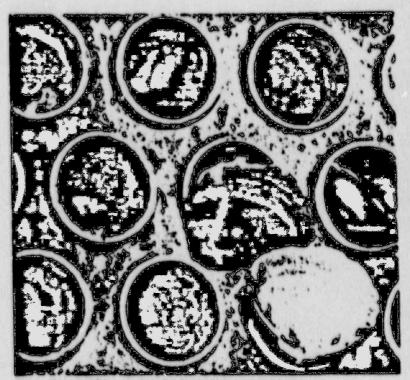
THE ASIATIC CLAM... BO SMALL, YET SO DESTRUCTIVE

No matter what kind of cooling, auxiliary or waste water system you use, you could be engaged in an ongoing battle against the Asiatic clam (aka Corbicula). These tiny monsters only grow to about 1½ inches in size. But every year they cost American industry over \$1 billion in power outages, plant shutdowns, reduced operating efficiencies, increased maintenance expenditures, and extensive equipment replacement costs.

The Asiatic clam is a most profile mollusk. Because it's hermaphroditic, just one clam can produce an army of over 20,000 offspring in your cooling system during a single year. When they grow to maturity in the comfortable environment of a low-flow area in your water system, their destructive powers are awasome.

First, they turn typical heat exchangers into clam condominiums until the tubes become plugged and the only solution is an entire plant shut down. Heat exchangers and condensers must then be opened up to rod the shells out. Then, any tubes and baffle plates which have been damaged must be replaced. Additionally, divers accompanied by expensive dredging equipment must be used to rid intake systems of all the Asiatic clams and shells.

Unfortunately, these drastic measures offer only a temporary solution to the problem, because if a single larva remains, the whole reproductive process can start all over again.



Barcra Clam-Troi CT-1—system is infested and numerous tubes are plugged with adult clams.

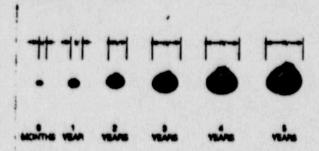
WHY TYPICAL CONTROL METHODS DON'T WORK

Standard control measures, like screens and strainers, have proven to be largely ineffective. This is because they can't prevent the microscopic larvae and juveniles from entering cooling systems and growing to adulthood.

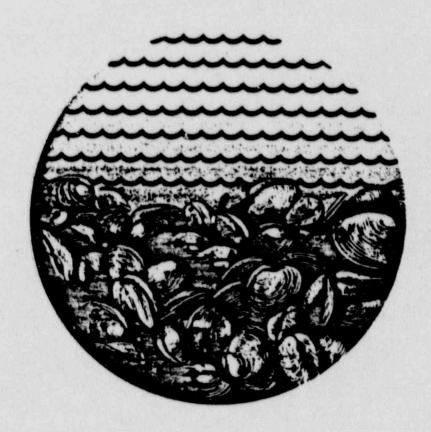
Other treatments, like chlorine or bromine, don't work because mature Asiatic clams can sense them at low concentrations (0.1 mg/L). When they do, they simply pull in their siphons and "clam up" for as long as two months.

In fact, it is currently believed that oxidizing blooides, like chlorine, cause clam mortality through asphyxiasion over a prolonged period of constant chemical feed rather than any direct toxic effect. As a result, any interruption in this feed for maintenance or repair will give the clams a chance to breathe and totally negate the effectiveness of the treatment.

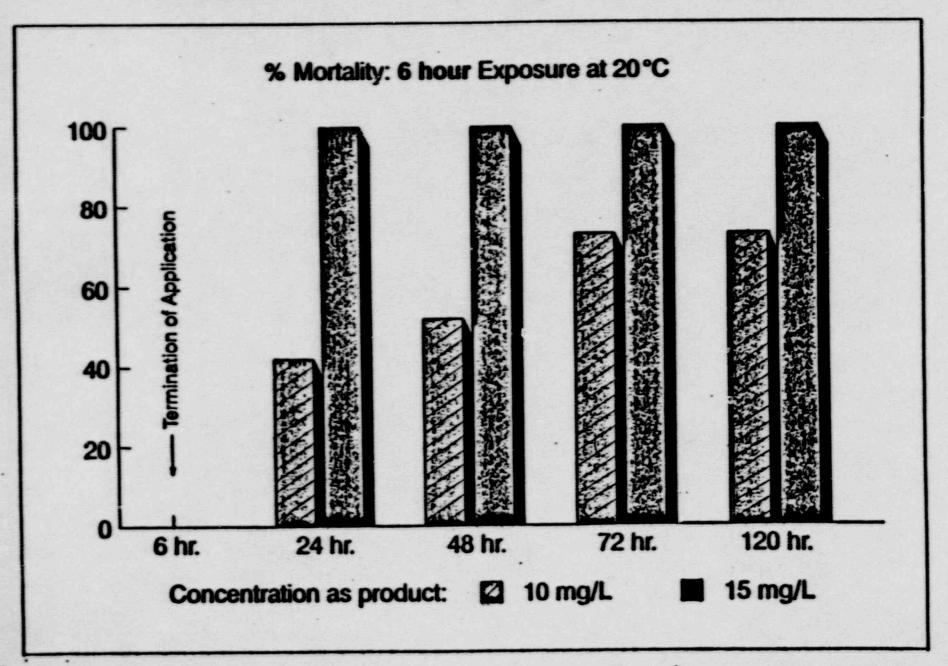
Corbicule Clem Growth



This growth chart shows that clams can reach a fouling size in one year or less.



Betz Clam-Trol® CT-1 Efficacy To Zebra Mussels

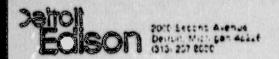




Ast.

Appendix 4

Appendix 4 contains an application for reissuance of all of the National Pollutant Discharge Elimination System Permits presently issued for the Fermi complex as submitted to the Michigan Department of Natural Resources in 1989.



October 16, 1989

Nr. Paul Zugger Executive Secretery Michigan Water Resources Commission P. O. Bom 30028 Lansing, NI 48909

Re: NPDES Permits for Fermi Complex

Dear Mr. Zugger:

Enclosed is the Detroit Edison Company's application for reisouance of all of the NPDES Permits presently issued for the Permi complex. These permits are the Fermi 1 Permit. NPDES No. MI0001830; the Fermi 2 Operating Permit. NPDES No. MI0037028; the Fermi 2 Comstruction Permit, NPDES No. MI0038363. Please note the following points regarding this application.

This application combines these four permits and all associated outfalls into a single application under NYDES Permit No. MI0037028. This application also contains a new suggested outfall aughering sequence. The attachment to this letter describes these outfalls and both the old and new numbering achange.

The Permi complex consists of two units, the first unit is an oil-fired boiler which has not been utilized in recent years. Since its associated wastewater discharge is only indicative of maintenance activities and not normal operating activities, the Company only analyzed outfall Oil for the besic wastewater characteristics. The Company understands that GC/MS analyses will be required on outfall Oil if and when Unit 1 returns to operation.

The Company also wishes to point out that analyses has also not been performed on outfall 009 because this outfall presently has no flow. This outfall provides a secondary means of discharging demineraliser regenerants associated with Unit 2 operation. Romally this weaks stream is routed through outfall 001. The permit application in Section II, Item 5 of the outfall 009 notes that this stream was analysed in conjunction with the sampling of the combined wastewaters of outfall 001.

Mr. Paul Zugger October 16, 1989 Page 2

Lastly, please note that Biological Oxygez Demand analyses was performed by Burman Laboratories. All other analyses was performed by Detroit Edison's Laboratory.

Please call me at (313) 237-8714 if you have any questions regarding this application.

Sincerely,

Dennis Loonard

Environmental Protection

DL/m

1.7

Enclosure

cc: W. McCracken

R. Schrameck

The following is a list of current outtail designations is relation to new proposed outfall designation after grouping Fermi 1 M10001830, Fermi II M10037028, Fermi II construction M10039110 and Fermi fredge disposal facility M10039365.

CURRENT OUTPALL DESIGNATION	NEW PROPOSED OUTPA	LL DESIGNATION
FERMI II 001	Perm	001
Total discharge OOI to Lake Erie OOA Trested Radwarte westewater OOB Demineralized and neutralization wastewater		001B
PERMI II 002 Turbine building & storm water	Permi	002
PERMI II 003 Bactor building devatering vater	Permi	003
TERMI II CO4 Devatoring water & storm water	Permi	004
FERMI II 005 Storm water runoff	Permi	005
FERMI II 006 Storm water funels	Pera	006
FERMI II 007 Storm water runoff	PERMI	007
PERMI II 008 Store water supoff	Permi	008
ASTANT II 000 Brold Astal & Bibcellebeone Joa Annie Astal & Bibcellebeone Joa	Permi	009
WPDES permit No. MI0039110 FERMI II CO2 Low volume waste to Swan Creek	PERMI	010
MPDES parait No. MIOCO1830 FREMI I OOI	Prou	Oll
Non-contact cooling water OOA Oily Wastewater to Swan Greek OOB Demineralise Wastewater FERRI I Storm water		011C 011D 011B
TERMI I 002 Stormwater Bunoff Lake Brie	PEMI	013
MPDES Pareit No. H10039365 Drodge Disposal Fecility 001	NEXO.	013

SEE INSTI	RUCTIONS SE SIDE	SECTION I	PERMINUMB!	ON FOR DISCH	ARGE PERMIT IS:	
ITEM CONTROL ADDRESS AND CPORMATION	B. DIV./BUREN IN I IS CLL.	M.I.C.P.O.W.E. 6. STREET CASE L.D.I.X.I. V.N	RIGITI ED RAITION MIL UNIT RIPLI	E. STANZES INDETER E. STANZES IN	IA GASSIFICATION	
	DETTRICITY DETTRI	V. FOLLUTION N.A. X VES V. SO VOU:	NO UN.A. BATT	ON D. 4. 6. STATE MILI R DESIDAL PLANSE BATE SEATTION LIPLOCOMED 1/80 TESTINGS S.S.F.	4. 8. 2. 2. 6. 1. 4. 8. 2. 2. 6. 1. 4. 8. 2. 2. 6. 1. 4. 8. 2. 2. 6. 1. 4. 8. 2. 2. 6. 1. 4. 8. 2. 2. 6. 1. 4. 8. 2. 2. 6. 1. 4. 8. 2. 2. 6. 1. 4. 8. 2. 2. 6.	
ITEM 2 MAIL PO ADDRESS APPLICANT	A. BOTE A. BOTE B. BOTE E. INI. B.I.T.C.IO IS C. STREET ACRESS ON FRET OFFICE 12. O. I.O.O IS E. C. B. EIW BOTE D. EIW BOTE D. E. T.R.IO. I. T.	LEIRIM J. LAITIO LEX O. NIDI. LAIVIE	M I C . P. T P		7. 21P 623	
i. too	DIENTAL DELICATE, COMITY CONTROL OF CONTROL STORESTOR CONTROL OF CONTROL STORESTOR OF	ion that I have generally	s leaderly recentions a significant constition of	els see laterastica for setalating foo la er estalating tope is	octal freed in this copilication	

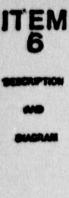
Sounce			CAMILTY (MAR.)	CHARLES AND
	B. BAPALE INTER INTAGE		ONE OF MATTERIAL	CLIAK EL SEIR LIEL LILLILLI
			CLEATITY (NAX.)	6 1 1 3 4 1 B 1 B 1 5 1 D 1 D 1 SALES / DAY
WATER ELPPLY	C. PRIVATE BELL		QUARTITY (PMY.)	1 1 1610 13 2 1010.0 1 entoc/or
	B. STIER		A COLOR	PRECLIPITATION
			QUATTY (ML.)	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
ITEM	A.	PROCESS MATER (INCLUDING OF	DIAMET (MAIL.)	LIIII 12 6 1 OIDIDI CALOS/DIY
a	D. HONOMINET GEOLING MATER		BANTIN (MX.)	1 1 3 5 17 17 12 1 Q1Q1Q1 CHUDG/DIV
SVCIPLA .	C. BANTAN SATOR		CHARLEY (PAR)	
RETAIN			Catalox	DIE WATERLING
BOAGN			CUMMITY (MAX.)	6 1 1 141312 0 0 0 10 10 1 extens/bay
ITEM 5		EN OF BRING		SODIUM ARSENITE
	2 -	PARASTER PLANE		(C.B. I AL S.I.S.I. 10 L. U
	2	O.MITTY		LILITON LE L'IMPA
CRITICAL MATERIALS		WE OF BUSHINGS		COLBALT NITRATE
&	AVENCE.	PARTE STEPHAN		(Cal. A SISIO IL 16)
PRIORITY POLLUTANTS	3	CUMPITY		LILIET WILL WITH
e e	TO SECURIT	ENE OF BESTING		CUPRIC CHLORIDE
STORED		MANUFACTURE MANUFA		(C.L.A.SISIO.L.Z)
PRODUCES		O WITH		LI SILITIE NULLANA
asega		me a suna	A STATE OF THE STA	CUPRIC SULFATE
TABLES		PHANETER RUPOR		(C. L. A. S. S. O. J. Z
88 P.A		amm		LILLIT EN LINEAR
1003.2002	To MAN	WE OF BESTAGE	The second section of the sect	SQDIUM HYPOCHLORITE
9 GALLONS		PLANETER BLEED		C, L, A, S, S, O, 1, 4,
S CLBIC VARCE G VONS		OLIMIN		TWE WITH LIMM
		EVE OF BASTANCE		ASBESTOS
		PARETTE INCO		
		QUARTITY		LL 18,2,00 (3)
	S. Carrier	es o dema		CHLORINE GAS
		PROPERTY EVA DI	non production of the state of	CL A S S O 1 1 4
		GAMIN		(C. & . A. S. S. O. 1. 4)
And the second control of the second of		THE PERSON NAMED IN THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAMED IN THE PERSON NAMED	and the state of t	

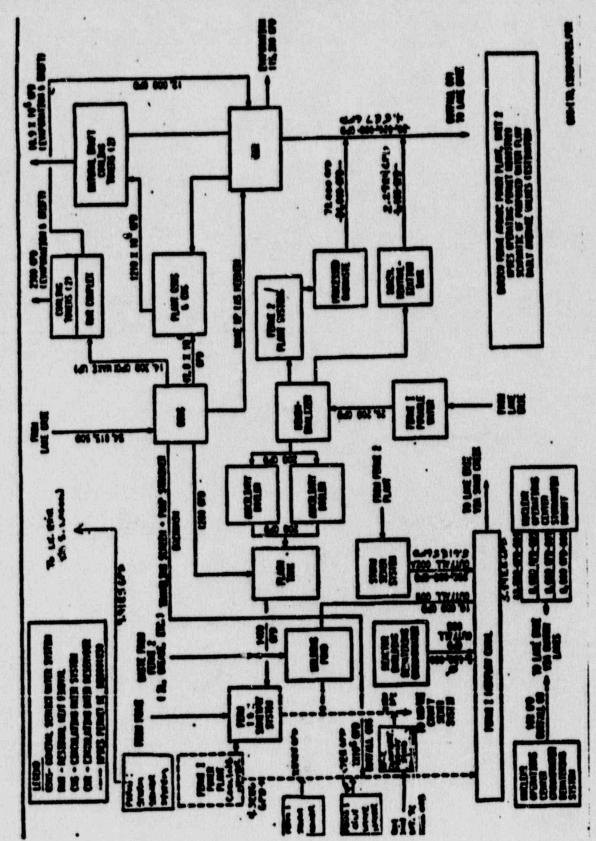
M	A.	MAICIPAL	_wa	
3			GANTLEY (MAX.)	LILILI GUIDE/DIY
		BATAZ WITE INTAG	INVE OF MATERIAL	
HCE ,			QUARTERY (MAX.)	LILLIII III SALIDE/DAY
ER	c.	PRIVATE WELL	QUARTETY (MAX.)	LI III LI LI GALLOS DAY
		onex	PEIP	
			QUANTITY (MX.)	LA LA LA LA LA LA SALOS/DAY
	A.	PROCESS WATER (INCLIDING C		LILLI LILLI SALDE/DIY
M	3.	HONCOMPACT COOLING WATER		CALL ALL LALL SALDS/DAY
	c.	SANITARY WATER	QUARTITY (MAX.)	LILL S LILL S CALDE/DAY
ER ER	D.	onex		
USAGE			PRCIPY	LILILI TILL SALDS/DAY
		ME OF BASTACE	QUANTITY (MX.)	CHLOROFORM
M	300	PARMETER MARER		10,06,71-16,6 = 8
	1	QUARTITY		LILL LL LEIMEN
CAL		NE OF BASTAKE		CHROMIC ACID
ILLS	30	PANETER NUMBER		ICILI A SI SI O ILI
ANTS	1	QUARTITY		LILLIA LA
D		INFE OF BLESTANCE		CHROMIUM STANDARD
CB	10	PANETER NUMBER		CIL MI SISIOILIS
CED	-	QUARTITY		LI LI LI LI LI MAN
		INVE OF SUBSTANCE		LEAD
	3=	PARMETER NUMBER		C,L, A S, S, O, 1,9
		QUANTITY		LI LI LI LI MEM
CODE				MERCURIC IODIDE
DIS	TENNA.	PANETER NUMBER		LCILIAIS I SI CIZILI
VARDS		QUARTITY		LI LI LI LI MEN
		WE OF BASTACE		LEAD ACETATE
	-3	PARMETER RADIER		LCILIAIS I SI OI 214
1		auntif.		LILLI LI LI MARIA
		INFE OF RESTANCE		TOLUENE
	=	PARTER RUSER		LOLOLILO 18 1 -1 8181-3
	=	ZWITTY		LI LI LI LE MENA

A Take

ITEM 6

MATER FLOW THROUGH YOUR FACILITY FROM INTAKE TO DISCHARGE. SHOW ALL OPERATIONS AREAS, SANITARY FLOWS, COOLING WATER, MICH STOPPHATER RESETS. YOU MAY SROW SHOULD SHOW AVERAGE FLOWS. SHOW ALL SIGNIF-CANT LOSSES OF MATER TO PRODUCTS. MENTS WENEVER AVAILABLE; OTHERWISE USE YOUR BEST ESTIMATE.

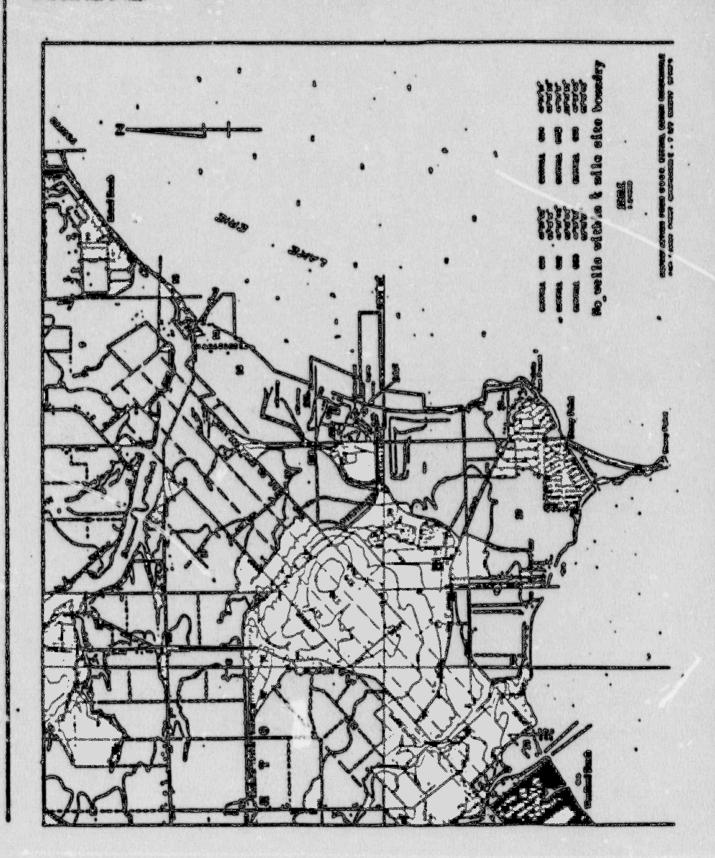




ITEN

A. PRIVIDE A RAP OF THE TREATMENT FACILITY LECATION. SHOULD THE LOCATION OF THE DISCHARGE POINT(S) AND OTHER INFORMATION RECLESTED ON REVORDE SIDE OF PAGE.

(SCATTON)



3

T LENGTH N

J ROMOS

- FOLKOS

FOLDOS

DATES THE PARTITUDE HE IGHT PRESENT FOR THIS EMELLE HOLDS

DITED THE TOTAL HUNVESTAGES DELIGHT OF THIS SPECIES

DATE THE MAXIMUM MELION PRESENT POR THIS SPECIE MAICH MOULD REPRESENT YOUR KENNYL OPERATION.

A. IS THIS SPECIE A MAN OR COLD MATER SPECIE?

SIVE THE MAN OF THIS SPECIE.

Marie of the second sec

C.

LIST WAS AND FAILING ACCROSS OF ALL PROPERTY COURS ASJACONT TO THE TREATMENT PACILITY AND OR DISDONAL MEA.

ITEM 12

CNASLETTA

1007

03

AD-14 COST

Thomas Petty 6200 Langton

Rand Masserant 6001 Toll

Ralph Fix 6577 Leroux

Justin Sis 5900 Leroux

Steve Balough 6170 Leroux

Carl Manis 7860 Dixie

Carl Manis 6834 Dixie Michael Walroba 3979 Dizie

Carl Jondro 5991 Point Aux Peaux

P. Solva 5820 Point Aux Peaux

Charles Birst 5194 Point Aux Peaux

Charles Morris 4981 Point Aux Peaux

Steve Dull 4834 Long

SEE INSTRUCTIONS

	CUTFALL NUMBER	ر ۵۵۰۰		
ITEM	A. LOCATION OF DISCHARGE LS.IE. & LS.	W & SECTION 116, TOWN LIGIS, RANGE LOE		
1	B. NAME OF RECEIVING WATER (IE. GROUGHATER OF NAME OF BURFACE			
DISCHARGE	C. BO YOU DISCHARZE SEASONALLY!	□ ves		
LOCATION	D. IF YEL LIST DISOWIGE PERIODS	NO. / DAY NO. / DAY		
SOEDULE				
FLOW		LI LI MODE LI LI		
RATE		III III Neogy III III		
TYPE CODE	E. LAND APPLICATION MATE	181./se. 181./sex. 181./sex. 181./sex.		
CONTACT	F. TYPE OF MASTEMATER DISCOMIGE	3 2 WASTE ATTER TOPE COCE		
HONCONTACT	6. DISOWIGE SOEDLE (YEARLY MEDIGE)	HOLES/DAY (214) DAY/YEAR (316.15)		
PROCESS	H. DISOWIGE PLON RATE	TOTAL YEARLY LILIG 4 6 D LIQ WIT CODE		
SANITARY		DAILY MINIMUM		
UNIT CODE	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	BAILY MAXIMUM (1 14 15 1. D 19 14) (2)		
MGY	1. THE MAXIMUM DISCHARGE FLOW RATE TO BE AUTHORIZED IN PERMIT.	AUTHOR 1200 1 14 15 1. 0 1914 LZI		
GPD	J. MAXIMUM DES:64 DISCHARGE PLOY RATE.	DES16N L 1 4 15 1. 0 19 4 12		
	A. BO YOU USE NATER TREATMENT ADDITIVES TO TREAT YOUR DISCHARG? (IF NO, CONTINUE TO LYBH 3)	□ ves X vo		
TREM 2	B. NAME PUNCTION, AND DEMICAL COMPOSITION OF THESE ADDITIVES.	Sulfur Acid H SO ⁴ Chlorie Gas Cf2 Sodium Hydroxide NaOH PH adjustment Defoaming agent.		
NITS CODE 1 Mg/l 2 Ug/l	c. MATE AND ADDITIVES. (Dec. attachment)			
	D. EFFECTED DISCHARGE CONCENTRATION OF AZDITIVES.	MINIMUM UNITS AVERAGE UNITS MAXIMUM UNITS		
	ADDITIVE NAME Sulfuric acid sulfate			
	ADDITIVE NAME Chlorine (chloride)	بل بيونون ريان بونوني بار يونوني با		
	ASDITIVE MARE Sodium Hudroride (sodium)	ال المعالم المعالية المعالية المعالم المعالم المعالمة الم		
	E. BO YOU THEAT THE DISCHARGE TO REPORT ADDITINGS?	AA X YES 1 DEC		
	F. WAT IS THE REPORT EFFICIENCY ME DISCHARE PRESENCY?	BLICHESE PRESENCY		
	ABOITINE MAR Sodium Sullite	I POOL HIS PAY DAYS/MK.		
	ASDITIVE UNE			
	ADDITIVE HAVE			
	S. AS AN ATTACHENT TO THIS APPLICATION PROVIDE SPECIFIC MAPPALIA	OR AQUATIC TOXICOLOGICAL DATA OR REPERBICE WHICH ARE AVAILABLE MED		

SEE INSTRUCTIONS

PER ST	OUTFALL NUMBER	0,0,1
ITEM		W & SECTION 116, TOWN 6151, RANGE 110 E
1	B. NAME OF RECEIVING MATER (IE. SACUEDIATER OR NAME OF BURFACE	
DISCHARGE	C. BO YOU DISCHARGE SEASONALLY?	□ vts □ ∞
LOCATION	D. IF YEL LIST DISCHAGE PERIODS	MD. / DAY MD. / DAY
SOEDULE		
FLOW		LLI LLI Nesser LLI LLI
RATE		THEOLOGY IN INC.
TYPE CODE	E. LAND APPLICATION MATE	IN./AR. IR./DAY IN./AK.
CONTACT	F. TYPE OF WASTEMTER DISOWIGE	WISTERATER TYPE CODE
HONCONTACT	6. DISOMGE SOEDLE (YEARLY ANDWE)	HOURS/DAY L.J. BAY/YEAR L.J.L.J
PROCESS	H. DISCHREE PLOY RATE	TOTAL YEARLY UNIT COCE
SANITARY		BAILY MINIMA
UNIT CODE		BAILY MAXIMUM
1 MGY	1. THE MAKEMEN DISCHARGE PLON RATE TO BE AUTHORIZED IN PERHIT.	AUTHOR (200) UNIT COOK
3 GPD	J. MAXIMUM BESIGN DISCHARGE FLON RATE.	DESIGN UNIT CODE
	A. BO YOU USE MATER TREATHENT ADDITIVES TO TREAT YOUR DISCHARGE? (15 NO, CONTINUE TO ITEM 3)	
WATER TREATMENT ADDITIVES SMITS CODE 1 Mg/1 2 Ug/1	S. NAME, PUNCTION, AND CHEMICAL COMPOSITION OF THESE ADDITIVES.	Betz Slimicide C-78P Betz Clamtrol Ct-1 Betz Coppertrol ct-1 Corrosion inhibit Betz Powerline 3690 Deposit control agen
	C. HAVE AND ADDRESS OF HANDFACTUREDS OF THESE ADDITIVES.	See attached.
	D. EXPECTED DISONAGE CONCENTRATION OF AEDITIVES.	MINIMEM UNITS AVERAGE UNITS MAXIMUM UNITS
	ASDITIVE NOVE	
	AEDITIVE MAPE	Limited to the contract of the
	ASDITIVE MADE	the court of the court of
	E. SO YOU THEAT THE DISCHARGE TO REPOVE ADDITIVES?	□ vcs
	F. MAT IS THE REPORT BYTICIBEY NO DISCHARE PREDERTY?	DISOMSE PREDEDICY
	ASSITTIVE MANE	S REPORT HES./DAY DAYS/MK.
	ABITIVE MPE	

Sulfuric Acid

Gascous Chlorine Sodium Bydroxide

Sodium Bypochlorite

C-1-L Chemicals, Inc. 800 Marion Ave. River Rouge, MI 48218

Pennvalt Corp. P.O. Box 209 Biddle Ave. Wyandotte, MI. 48192

Jones Chemicals 18000 Payne Ave. Riverview, MI. 48192

: 10

September 15, 1989

DETROIT EDISON FERMI II HEWPORT, MI

RE: CLAM-TROL CT-1 COPPER-TROL CU-1

POWERLINE 3690 SLIMICIDE C-78P

CENTLEMEN:

In response to a request from Mr. Ray Post, we are writing to you regarding the above-referenced Betz products. All materials listed contain none of the 126 Priority Pollutants as specified in FR 47, No. 224, p. 52309.

We trust that we have provided you with the desired enformation. Please let us know if we may be of further service to you in this MATTER.

ARBA ABRITA ACRES.

BETZ LABORATORIES, INC.

M. Herch/ede

HAROLO M. HERSH ENVIRONMENTAL INFORMATION COORDINATOR

HMH: CRK

PRODUCT: SLIMICIDE C-78P

SPECIAL PROTECTIVE EQUIPMENT SPECIAL PROTECTIVE EQUIPMENT SPECIAL PROTECTIVE EQUIPMENT SPECIAL PROTECTIVE EQUIPMENT 1910.132-134. USE RESPIRATORS WITHIN USE LIMITATIONS OR ELSE USE SUPPLIED AIR RESPIRATORS.

VENTILATION PROTECTION TO MAINTAIN DUST CONCENTRATIONS BELOW THE EXPOSURE LIMIT OF INMIT OF I

STORAGE INSTRUCTIONS ***

KEEP DRUMS & PAILS CLOSED WHEN NOT IN USE.

KEEP DRY. DO NOT STORE AT HIGH TEMPERATURE OR NEAR OXIDIZABLES OR

COMBUSTIBLES

HANDLING INSTRUCTIONS ***

GENERAL-IMMEDIATELY REMOVE CONTAMINATED CLOTHING WASH BEFORE REUSE
SPECIFIC- OXIDIZER AVOID ALL CONTACT WITH REDUCING AGENTS, OILS, GREASES,

ORGANICS AND ACIDS. THIS MSDS COMPLIES WITH THE OSHA HAZARD COMMUNICATION STANDARD HAROLD M. HERSH (ENVIRONMENTAL INFORMATION COORDINATOR)

APPENDIX: REGULATORY INFORMATION
THE CONTENT OF THIS APPENDIX REPRESENTS INFORMATION KNOWN TO BETZ ON THE
EFFECTIVE DATE OF THIS MSDS THIS INFORMATION IS BELIEVED TO BE ACCURATE.
ANY CHANGES IN REGULATIONS WILL RESULT IN UPDATED VERSIONS OF THIS DOCUMENT.

TSCA: ALL COMPONENTS OF THIS PRODUCT ARE LISTED IN THE TSCA INVENTORY FIFRA (40CFR) EPA REG. NO. 5785-65-3876
REPORTABLE QUANTITY (RQ) FOR UNDILUTED PRODUCT:
NOT APPLICABLE
RCRA: IF THIS PRODUCT IS DISCARDED AS A WASTE, THE RCRA HAZARDOUS WASTE TO THATARD CLASSIFICATION: OXIDIZER OXIDIZER DOT SHIPPING DESIGNATION IS: UN1479 OXIDIZER, N.O.S.

CAUSE CANCER OR REPRODUCTIVE TOXICITY: NONE PRESENT IN SIGNIFICANT AMOUNTS

SARA SECTION 302 CHEMICALS: NONE PRESENT IN SIGNIFICANT AMOUNTS

SARA SECTION 313 CHEMICALS: NONE PRESENT IN SIGNIFICANT AMOUNTS

SARA SECTION 312 HAZARD CLASS: IMMEDIATE (ACUTE) AND FIRE

MICHIGAN CRITICAL MATERIALS: NONE PRESENT IN SIGNIFICANT AMOUNTS

NFPA/HMIS: HEALTH - 2; FIRE - 1; REACTIVITY - 1; SPECIAL - OXY; PE - C

PRODUCT: SLIMICIDE C-78P

ACUTE SKIN EFFECTS + A PRIMARY ROUTE OF EXPOSURE

MODERATELY IRRITATING MAY DE CORROSIVE IN CONTACT WITH MOIST SKIN.

ACUTE SES CAUSE OF PRESENT TO THE EYES

ACUTE SES CAUSE OF OVEREXPOSURE.

CHRONIC EFFECTS OF OVEREXPOSURE.

MEDICAL CONDITIONS AGGRAVATED ***

MOT KNOWN SYMPTOMS OF EXPOSURE *** ITCHING OF SKIN.

nes E

4636 SOMERTON ROAD, TREVOSE, PA. 19047 BETZ MATERIAL SAFETY DATA SHEET 24 HOUR EMERGENCY TELEPHONE (HEALTH OR ACCIDENT) 215/355-3300

PRODUCT : SLIMICIDE C-78P

(PAGE 1 OF 3) EFFECTIVE DATE 07-26-89 PRINTED: 3-SEP-1989 REV: SEC. 3

PRODUCT APPLICATION: SOLID MICROBIAL CONTROL AGENT.

INFORMATION ON PHYSICAL HAZARDS, HEALTH HAZARDS, PEL'S AND TLV'S FOR SPECIFIC PRODUCT INGREDIENTS AS REQUIRED BY THE OSHA HAZARD COMMUNICATIONS STANDARD IS LISTED. REFER TO SECTION 4 (PAGE 2) FOR OUR ASSESSMENT OF THE POTENTIAL ACUTE AND CHRONIC HAZARDS OF THIS FORMULATION.

1-BROMO-3-CHLORO-5,5-DIMETHYLHYDANTOIN***CAS#16079-88-2;OXIDIZER;EYE AND SKIN IRRITANT; PEL: NONE; TLV: NONE.

-----SECTION 2-----TYPICAL PHYSICAL DATA-----

PH: 5% DISP. (APPROX.) 4.7
FL.PT. (DEG.F): >200 SETA(CC)
VAPOR PRESSURE (MMHG): NA
VISC CPS70F: NA
EVAP.RATE: NA WATER=1
PHYSICAL STATE: GRANULES

ODOR: HALOGEN
SP.GR. (70F) OR DENSITY: 65 LBS.CU.FT.
VAPOR DENSITY (AIR=1): NA
SOLUBILITY (WATER): 1
APPEARANCE: WHITE
FREEZE POINT (DEG.F): NA

----SECTION 3------REACTIVITY DATA-----

STABLE. OXIDIZER. SLOWLY RELEASES HALOGEN GASES WHEN CONTAMINATED WITH MOISTURE. MAY REACT WITH ALKALIES, ACIDS, ORGANICS OR REDUCING AGENTS. DO NOT CONTAMINATE. BETZ TANK CLEAN-OUT CATEGORY 'B'.

THERMAL DECOMPOSITION (DESTRUCTIVE FIRES) YIELDS ELEMENTAL OXIDES.

PRODUCT: POWERLINE 3690

SECTION 7-SECTIAL PROTECTIVE EQUIPMENT-SECTIVE DATE 06-09-89

USE PROTECTIVE EQUIPMENT IN ACCORDANCE WITH 29CFR SECTION 1910.132-134. USE
RESPIRATORS WITHIN USE LIMITATIONS OR ELSE USE SUPPLIED AIR RESPIRATORS.

VENTILATION PROTECTION***

ADEQUATE VENTILATION
RECOMMENDED RESPIRATORY PROTECTION***

IF VENTILATION IS INADEQUATE OR SIGNIFICANT PRODUCT EXPOSURE IS LIKELY,
USE A RESPIRATOR WITH DUST/MIST FILTERS.

RECOMMENDED SKIN PROTECTION***

RUBBER GLOVES

WASH OFF AFTER EACH USE.REPLACE AS NECESSARY

RECOMMENDED EYE PROTECTION***

SPLASH PROOF CHEMICAL GOGGLES STORAGE INSTRUCTIONS ***

KEEP DRUMS & PAILS CLOSED WHEN NOT IN USE.

REASONABLE AND SAFE CHEMICAL STORAGE

MANDLING INSTRUCTIONS ***

GENERAL-IMMEDIATELY REMOVE CONTAMINATED CLOTHING, WASH BEFORE REUSE

SPECIFIC- ALKALINE. DO NOT MIX WITH ACIDIC MATERIAL. ******** THIS MSDS COMPLIES WITH THE OSHA HAZARD COMMUNICATION STANDARD HAROLD M. HERSH (ENVIRONMENTAL INFORMATION COORDINATOR) THE CONTENT OF THIS APPENDIX: REGULATORY INFORMATION
THE CONTENT OF THIS APPENDIX REPRESENTS INFORMATION KNOWN TO BETZ ON THE
EFFECTIVE DATE OF THIS MSDS. THIS INFORMATION IS BELIEVED TO DE ACCURATE
ANY CHANGES IN REGULATIONS WILL RESULT IN UPDATED VERSIONS OF THIS DOCUM DOCUMENT. ...TSCA: ALL COMPONENTS OF THIS PRODUCT ARE LISTED IN THE TSCA INVENTORY NOT APPLICABLE QUANTITY (RQ) FOR UNDILUTED PRODUCT:

NOT APPLICABLE DOUCT IS DISCARDED AS A WASTE, THE RCRA HAZARDOUS WASTE IDENTIFICATION NUMBER IS: DOUZ=CORROSIVE DOT HAZARD CLASSIFICATION: NOT APPLICABLE DOT SHIPPING DESIGNATION IS: NOT APPLICABLE THIS PRODUCT CONTAINS THESE CHEMICALS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER OR REPRODUCTIVE TOXICITY: NONE PRESENT IN SIGNIFICANT AMOUNTS

SARA SECTION 302 CHEMICALS: NONE PRESENT IN SIGNIFICANT AMOUNTS

SARA SECTION 313 CHEMICALS: NONE PRESENT IN SIGNIFICANT AMOUNTS

SARA SECTION 312 HAZARD CLASS: PRODUCT IS NONHAZARDOUS UNDER SECTION 311/312

MICHIGAN CRITICAL MATERIALS: NONE PRESENT IN SIGNIFICANT AMOUNTS

NFPA/HNIS: HEALTH - 1; FIRE - 1; REACTIVITY - 0; SPECIAL - ALK; PE - B PRODUCT: POWERLINE 3690

ACUTE SKIN EFFECTS *** PRIMARY ROUTE OF EXPOSURE
SLIGHTLY IRRITATING TO THE SKIN

ACUTE RESPIRATORY EFFECTS ***

MISTS/AEROSOLS MAY CAUSE IRRITATION TO UPPER RESPIRATORY TRACT
CHRONIC EFFECTS OF OVEREXPOSURE***

NO EVIDENCE OF POTENTIAL CHRONIC EFFECTS.

MEDICAL CONDITIONS AGGRAVATED ***

MGT KNOWN

SYMPTOMS OF EXPOSURE ***
MAY CAUSE REDNESS OR ITCHING OF SKIN.

4636 SOMERTON ROAD, TREVOSE, PA. 19047 24 HOUR EMERGENCY TELEPHONE THEALTH OR ACCIDENT) 215/355-3300

PRODUCT : POWERLINE 3690

CPAGE 1 OF DATE 05-09-89 PRINTED: 3-SEP-1989 REV: SEC: 283

PRODUCT APPLICATION: WATER-BASED DEPOSIT CONTROL AGENT.
INFORMATION ON PHYSICAL MAZARDOUS INGREDIENTS: PEL'S AND TLY'S FOR SPECIFIC PRODUCT INGREDIENTS AS REQUIRED BY THE OSHA MAZARD COMMUNICATIONS STANDARD IN THE OSHA MAZARD COMMUNICATIONS STANDARD LISTED REFER TO SECTION A (PAGE 2) FOR OUR ASSESSMENT OF THE POTENTIAL ACUTE AND CHRONIC MAZARDS OF THIS FORMULATION.

THIS PRODUCT IS NOT MAZARDOUS AS DEFINED BY OSMA REGULATIONS.

STANLE MAY REACT MITH STRONG OXIDIZERS. DO NOT CONTAMINATE. BETZ TANK CLEAN-OUT CATEGORY 'A'.

THERMAL DECOMPOSITION (DESTRUCTIVE FIRES) YIELDS ELEMENTAL OXIDES.

PRODUCT: COPPER-TROL CU-I
PRODUCT: COPPER-TROL CU-I
PRODUCT: COPPER-TROL CU-I
PROTECTIVE EQUIPMENT IN ACCORDANCE WITH 20 CFR SECTION 1010.132-134. USE
RESPIRATORS WITHIN USE LIMITATIONS OR ELSE USE SUPPLIED AIR RESPIRATORS.

VENILLATION PROTECTION TO MAINTAIN AIR CONTAMINANTS BELOW EXPOSURE LIMITS
RECOMMENDED RESPIRATORY PROTECTION...

RECOMMENDED RESPIRATOR WITH DUST/MIST FILTERS.

RECOMMENDED SKIN PROTECTION...

RECOMMENDED SKIN PROTECTION... STORAGE INSTRUCTIONS.... STORAGE AND HANDLING PRECAUTIONS.... STORAGE INSTRUCTIONS... CLOSED WHEN NOT IN USE. DO NOT FREEZE. IF FROZEN, THAW AND MIX COMPLETELY PRIOR TO USE HANDLING INSTRUCTIONS... GENERAL IMMEDIATELY REMOVE CONTAMINATED CLOTHING, WASH BEFORE REUSE SPECIFIC- ALKALINE. CORROSIVE (SKIN/EYES). DO NOT MIX WITH ACIDIC MATERIAL. THIS MSDS COMPLIES WITH THE OSHA MAZARD COMMUNICATION STANDARD HAROLD M. HERSH (ENVIRONMENTAL INFORMATION COORDINATOR) APPENDIX: REGULATORY INFORMATION
THE CONTENT OF THIS APPENDIX REPRESENTS INFORMATION KNOWN TO BETZ ON THE REPRESENTS INFORMATION KNOWN TO BETZ ON THE REPRESENTS INFORMATION IS BELIEVED TO BE ACCURATE.
ANY CHANGES IN REGULATIONS WILL RESULT IN UPDATED VERSIONS OF THIS DOCUMENT. ...TSCA: ALL COMPONENTS OF THIS PRODUCT ARE LISTED IN THE TSCA INVENTORY 740 GALS. (SODIUM HYDROXIDE)
RCRA: IF THIS PRODUCT IS DISCARDED AS A WASTE, THE RCRA HAZARDOUS WASTE 10 THIS PRODUCT IS DISCARDED AS A WASTE, THE RCRA HAZARDOUS WASTE 10 THIS PRODUCT IS DISCARDED AS A WASTE, THE RCRA HAZARDOUS WASTE 10 THIS PRODUCT IS DOOZ-CORROSIVE TO SKIN TO SKIN TO SKIN THE RCRA HAZARDOUS WASTE 10 THIS PRODUCT IS UNION SCIUM HYDROXIDE SOLUTION CAUSE CANCER OR REPRODUCTIVE TOXICITY: NONE PRESENT IN SIGNIFICANT AMOUNTS
...SARA SECTION 302 CHEMICALS: NONE PRESENT IN SIGNIFICANT AMOUNTS
...SARA SECTION 313 CHEMICALS: SODIUM HYDROXIDE (1310-73-2) 11.0-15.04:
...SARA SECTION 312 CHEMICALS: SODIUM HYDROXIDE (1310-73-2) 11.0-15.04:
...SARA SECTION 312 CHEMICALS: SODIUM HYDROXIDE (1310-73-2) 11.0-15.04:
...SARA SECTION 312 CHEMICALS: NONE PRESENT IN SIGNIFICANT AMOUNTS
...MICHIGAN CRITICAL MATERIALS: NONE PRESENT IN SIGNIFICANT AMOUNTS
AFPA/NMIS: HEALTH - 3: PIRE - 1: REACTIVITY - 0: SPECIAL - CORR; PE -

PRODUCT: COPPER-TROL CU-1
ACUTE SKIN EFFECTS --- PRIMARY ROUTE OF EXPOSURE
CORROSTYE TO SKIN. POTENTIAL SKIN SENSITIZER

ACUTE RESPIRATORY EFFECTS --CORROSTY FOR THE EYES
ACUTE RESPIRATORY EFFECTS --CORROST OF THE EYES
ACUTE RESPIRATORY EFFECTS --CHRONIC PEFECTS OF COVEREN POSURE --PROLONGED OR REPEATED CONTACT MAY CAUSE TISSUE NECROSIS AND/OR DERMATITIS.

MEDICAL CONDITIONS AGGRAVATED ---SYMPTOMS OF EXPOSURE CONTROL OF TISSUE ULCERATION WITH SUBSECUENT SCARRING.

ETZ LABORATORIES INC. RTON ROAD, TREVOSE PA. 19047 MATERIAL SAFETY DATA SHEET MATERIAL SAFETY DATA SHEET FIEDHONE (HEALTH OR ACCIDENT) 215/355-3300

PRODUCT : COPPER-TROL CU-1

9 9 3 E - 19 9 - 19 - 89

PRODUCT APPLICATION: WATER-BASED CORROSION INHIBITOR.
INFORMATION ON PHYSICAL HAZARDOUS INGREDIENTS: PEL'S AND TLY'S FOR SPECIFIC PRODUCT INGREDIENTS AS REQUIRED BY THE OSHA HAZARD COMMUNICATIONS STANDARD IS LISTED. REFER TO SECTION A (PAGE 2) FOR OUR ASSESSMENT OF THE POTENTIAL ACUTE AND CHRONIC MAZARDS OF THIS FORMULATION.

SODIUM HYDROXIDE+++ (CAUSTIC SODA); CAS#1310-73-2; CORROSIVE; TOXIC IF ORALLY INGESTED; PEL: 2. OMG/M3; TLV: 2. OMG/M3 (CEILING).

TRADE SECRET INGREDIENT; POTENTIAL SKIN SENSITIZER; CORROSIVE TO SKIN AND EYES; PEL: NONE; TLV: NONE. THIS CHEMICAL IS NOT ON ANY STATE RIGHT-TO-KNOW LIST.

H: AS IS L: PT. (DEG.F): >200 P-M(CC) APOR PRESSURE (MMHG): 18 (ISC CP870F: 37 VAP: RATE: TATE: ETHERED HYSICAL STATE: LIQUID

-- Section 8----- Reactivity Data-

--- SECTION 2-----TYPICAL PHYSICAL DATA

STABLE. MAY REACT WITH ACIDS. DO NOT CONTAMINATE. BETZ TANK CLEAN-OUT THERNAL DECOMPOSITION (DESTRUCTIVE FIRES) YIELDS ELEMENTAL OXIDES.

PRODUCT: CLAM-TROL CT-1

PRODUCT: CLAM-TROL CT-1

SPECIAL PROTECTIVE EQUIPMENT

SPECIAL PROTECTION

SPECIAL PRODUCT

SPECIAL PROTECTION

SPECIAL PROSPECTOR

SPECIAL PROSPECTOR

SPECIAL PROSPECTOR

SPECIAL PROSP

SPECIAL P

STORAGE INSTRUCTIONS:... STORAGE AND HANDLING PRECAUTIONS.... KEEP DRUNS & PAILS CLOSED WHEN NOT IN USE.
STORE IN COOL VENTILATED LOCATION.STORE AWAY FROM OXIDIZERS
WANDLING INSTRUCTIONS:..
GENERAL-IMMEDIATELY REMOVE CONTAMINATED CLOTHING WASH BEFORE REUSE
SPECIFIC COMBUSTIBLE. DO NOT USE AROUND SPARKS OR FLAMES. BOND CONTAINERS
DURING FILLING OR DISCHARGE WHEN PERFORMED AT TEMPERATURES AT OR
ABOVE THE PRODUCT FLASH POINT. THIS MSDS COMPLIES WITH THE OSHA HAZARD COMMUNICATION STANDARD HAROLD M. HERSH (ENVIRONMENTAL INFORMATION COORDINATOR)

APPENDIX: REGULATORY INFORMATION
THE CONTENT OF THIS APPENDIX REPRESENTS INFORMATION KNOWN TO BETZ ON THE
EFFECTIVE DATE OF THIS MSDS. THIS INFORMATION IS BELIEVED TO BE ACCURATE.
ANY CHANGES IN REGULATIONS WILL RESULT IN UPDATED VERSIONS OF THIS DOCUMENT.

TSCA: ALL COMPONENTS OF THIS PRODUCT ARE LISTED IN THE TSCA INVENTORY 145

FIFRA (40CFR): EPA REG.NO. 3876:
REPORTABLE QUANTITY (RQ) FOR UNDILUTED PRODUCT:
NOT APPLICABLE
RCRA: IF THIS PRODUCT IS DISCARDED AS A WASTE. THE RCRA HAZARDOUS WASTE IDENTIFICATION NUMBER IS: DOO1=IGNITABLE: DOO2=CORROSIVE
DOT HAZARD CLASSIFICATION: CORROSIVE TO SKIN. COMBUSTIBLE ...DOT SHIPPING DESIGNATION IS: UN1760 CORROSIVE LIQUID, N.O.S.

THIS PRODUCT CONTAINS THESE CHEMICALS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER OR REPRODUCTIVE TOXICITY: NONE PRESENT IN SIGNIFICANT AMOUNTS ... SARA SECTION 302 CHEMICALS: NONE PRESENT IN SIGNIFICANT AMOUNTS ... SARA SECTION 313 CHEMICALS: ETHYLENE GLYCOL (107-21-1) 21.0-30.04 ... SARA SECTION 312 HAZARD CLASS: IMMEDIATE (ACUTE) DELAYED (CHRONIC) AND FIRE ... MICHIGAN CRITICAL MATERIALS: NONE PRESENT IN SIGNIFICANT AMOUNTS WEPA/HMIS: HEALTH - 3; FIRE - 2; REACTIVITY - 0; SPECIAL - CORR; PE - D

PRODUCT: CLAM-TROL CT-1

AGUTE SKIN EFFECTS *** PRIMARY ROUTE SEPOSURE

ACUTE SKIN EFFECTS *** PRIMARY ROUTE SEPOSURE

ACUTE SKIN EFFECTS *** PRIMARY ROUTE SEPOSURE

ACUTE RESPIRATORY EFFECTS *** PRIMARY ROUTE OF EXPOSURE

ACUTE RESPIRATORY EFFECTS *** PRIMARY ROUTE OF EXPOSURE

VAPORS GASES, MISTS AND/OR AEROSOLS CAUSE IRRITATION TO UPPER

CHRONIC EFFECTS OF OVEREXPOSURE***

PROLONGED OR REPEATED OVEREXPOSURES MAY CAUSE: TISSUE NECROSIS: BLOOD CELL

DAMAGE OR IMPAIR BLOOD CELL FUNCTION; REPRODUCTIVE SYSTEM TOXICITY; SKIN

MEDICAL CONDITIONS AGGRAVATED *** SYNPTOMS OF EXPOSURE *** MISTS/AEROSOLS MAY CAUSE EYE NOSE THROAT AND LUNG INHALATION; SKIN CONTACT MAY CAUSE SEVERE IRRITATION OR BURNS.

4636 SOMERTON ROAD, TREVOSE, PA. 19047 BETZ HATERIAL SAFETY DATA SHEET 24 HOUR EMERGENCY TELEPHONE (HEALTH OR ACCIDENT) 215/355-3300

RODUCT : CLAM-TROL CT-1

PRINTED: 3-SEP-1989
REV: SEC. 3

RODUCT APPLICATION : WATER-BASED MICROBIAL CONTROL AGENT.

"NFORMATION ON PHYSICAL MAZARDOUS INGREDIENTS PEL'S AND TLY'S FOR SPECIFIC RODUCT INGREDIENTS AS REQUIRED BY THE OSHA HAZARD COMMUNICATIONS STANDARD IS LISTED. REFER TO SECTION 4 (PAGE 2) FOR OUR ASSESSMENT OF THE POTENTIAL ACUTE IND CHRONIC HAZARDS OF THIS FORMULATION.

BEPRESSANT; ANIMAL TERATOGEN (HIGH ORAL BOSES); PEL/TLV: BOPPM-C:

ALKYL DIMETHYL BENZYL AMMONIUM CHLORIDE *** CAS#68424-85-1; CORROSIVE (EYES); PEL: NONE; TLV: NONE.

ISOPROPYL ALCOHOL***(IPA); CAS#67-63-0; FLAMMABLE LIQUID; CHRONIC OVEREXPOSURE MAY CAUSE LIVER AND KIDNEY TOXICITY; PEL/TLV: 400PPM (500PPM-STEL) DODECYLGUANIDINE HYDROCHLORIDE***(DGH); CAS#13590-97-1; CORROSIVE; PEL: NONE; TLV: NONE.

ETHYL ALCOHOL ** (ETHENOL); CAS#64-17-5; FLAMMABLE; MAY CAUSE DEFATTING DERMATITIS, DIZZINESS AND HEADACHE; PEL: 1000PPN; TLV: 1000PPM.

---SECTION 3-----REACTIVITY DATA-----

TABLE MAY REACT WITH STRONG OXIDIZERS. DO NOT CONTAMINATE. BETZ TANK

HERMAL DECOMPOSITION (DESTRUCTIVE FIRES) YIELDS ELEMENTAL OXIDES.

4636 SOMERTON ROAD, TREVOSE, PA. 19047

9/15/89 PRODUCT: SLIMICIDE C-78P

AQUATIC TOXICOLOGY

DAPHNIA MAGNA

48 HR. LCSO: 0.5 MG/L

RAINBOW TROUT

98 MORTALITY: 0.9 MG/L

FATHEAD MINNOW

96 HR. LCSO: 2.3 MG/L

9/15/89

MAMMALIAN TOXICOLOGY

ORAL LD50 -NO DATA

DERMAL LD50 -NO DATA

SKIN IRRITATION SCORE-NO DATA

EYE IRRITATION SCORE-NO DATA

INHALATION-NO DATA

4636 SOMERTON ROAD, TREVOSE, PA. 1904

PRODUCT: POWERLINE 3690 9/25/89

AGUATIC TOXICOLOGY

DAPHNIA MAGNA

DA MORTALITY: 500 RAINSON TROUT HR. SCR.

OS MORTALITY: 1000

9/15/89

MAMMALIAN TOXICOLOGY

ORAL LOSO -NO DATA DERNAL LOSO -NO DATA SKIN IRRITATION SCORE-NO DATA EYE IRRITATION SCORE-NO DATA INHALATION-NO DATA

4636 SOMERTON ROAD, TREVOSE, PA. 19047

9/15/89 PRODUCT: COPPER-TROL CU-1
AQUATIC TOXECOLOGY

DAPHNIA MAGNA

28 MORTALETY: Sizz.s NE/L

RAINBOW TROUT

St WORTALITY: 21 so. 1 MG/L

FATHEAD MINNOW

98 MR. LESO: 49 60.6 MG/L

9/15/89

MAMMALIAN TOXICOLOGY

ORAL LOSO -NO DATA
DERMAL LOSO -NO DATA
SKIN IRRITATION SCORE-NO DATA
EYE IRRITATION SCORE-NO DATA
INHALATION-NO DATA

130

4636 SOMERTON ROAD, TREVOSE, PA. 19047

9/15/89 PRODUCT: CLAN-TROL CT-1
AQUATIC TOXICOLOGY

RAINBOW TROUT

SE HR. LCSO: 14.7 MG/L

DAPHNIA MAGNA

93 MORTALITY: 0.16.4 MG/L

FATHEAD MINNOW

04 MORTALITY: 1.55 MG/L 96 HR. LC50: 3.0 MG/L

9/15/89

MAMMALIAN TOXICOLOGY

ORAL LD50 -NO DATA

DERMAL LD50 -NO DATA

SKIN IRRITATION SCORE-NO DATA

EYE IRRITATION SCORE-NO DATA

INHALATION-NO DATA

D. PROCESS PRODUCTION NATE

BAILY RUNNAN

SEE INS	TRUCTIONS ERSE SIDE			
	OUTFALL NUMBER		٥٫٥	الل
ITEM	A. IS THE DISCHARGE FROM THIS CUTTALL DIRECTED TO STORY STOR	TO THE GROUPE OR		⊠
4 EROUNDWATER DISCHARGE PROMISSION	B. HAS A HYDROGEOLOGICAL STLEY OR ITS SQUIVALENT COMMISSION PART Z GROUDWATER RALES OF JUSTA THIS EXISTING OR PROPOSED DISCHARGE? IF YES	T BEEN PERFORMED OR IS THERE SUPPLICION IN AN REQUIRED BY THE WATER RESOURCES IT IS 1980 R. 32 . 220 (PAGE 16) FOR ATTACH A COPY OF THE REPORT.	· 🗆 🕫	□•
	C. ARE YOU STOLETTING AN EXCEPTION PROP SUBMITTE BALL 8. 327. 220 (II) (PAGE 16) OF PROP SECU- UCED BALL 8. 23. 228 (S) (PAGE 17) OF THE P BOOMENTS AND EXPLANATION TO EXPONETRATE THAT	ING A HYPROGEOLOGICAL REPORT UNDER COMPTER PORTITION OF THE PERSON OF TH	. 🗅 🚜	0*
	D. AND YOU RECLESTING A VARIANCE FROM BLE \$23.1 THE MAYER RESCUREES COMMISSION PART 22 GROWN BOCKMENTS AS RECESSARY TO DEPONSTRATE THE MES ORITHRIA SPECIFIED IN BALE \$23.2210 (PAGE 1)	O THE PART Z BASS.	•	
	E. LIST ALL DEPICAL SUBSTANCES INHICH ARE THINGO (PAGE E) ART/OR U.S. EPA'S PRIDLITY POLLUTANT INHIDIA ARE OR PAY SECONE INLANIOLE TO THE BESIGN PALLIC HEALTH THAT ARE DISCHARGE OR EXPERTED FACILITY. ESTIMATE THE FINAL EPPLIENT CONCENT SECTION II IN THIS SCORLET.	BOT APPLICABLE/BOLIEVED ABSDIT		
	THE APPLICANT MAY BE RETELLINED TO DO ACCUTTIONAL	MUTE ANLYES.	MESON, BATA M	
	A. DISOMAGE CHANTERISTICS	ANE CONCENTRATION	W/ UNITS CO	CUTE COSTUMN S
ITEM 5	*BODS (FINE DAY BIDDOCHICAL GRYSEN DEWIND)	N	ى بىي	
EXPECTED	FOC (TOTAL ORGANIC CARBON)	سف فسا	ب سی	سع ع
WASTEWATER CHARAC-	*APPENIA NITROGEN (AS N)	سا سال قب	ب سنا،	ى س
TERISTICS	TOTAL SUPPOSED SOLIDS	ىدىن سىن سىن	ى سىك	<u> </u>
UNITS CODE	TOTAL PHOSPHORUS (AS P)	سب سب	ى بىلى،	<u> </u>
1 Mg/1 2 Ug/1	TOTAL RESIDUAL CALCAINE	ىب سىسانى	u	u u
S COUNTS!	DISSOLVED GAYGEN MIN	ىلىن بىلىن بىلىن	س سه.	سك ب
4 S.U.	س لــــــ الق	ىقى	الف	ئ ئال
& LBS/BAY	PECAL COLIFORM SACTORIA	س سس	ه سب	<u> </u>
	*TOPENTURE (OUPER)	سا، ب	ا ا	<u> </u>
	TOPENIUM (VINTEN)	<u> </u>	. 	<u> </u>
		S. STHER WATERATER DWARCTER ISTICS		
	(0,1,1,8,6,8,6,4,8,6,1)		The second second second second	ب پ
SAMPLE JYPE	O,R,G,A,N,I,C,N,	سب سب		ك ك
1 GRAS		سا،سا سا		u u
2 34 HOUR COMPOSITE	U	سب سب سب		<u> </u>
		سب سب سب		<u> </u>
		· · · · · · · · · · · · · · · · · · ·		<u> </u>
		سا سا،سا		<u>ш</u> п
	"N.D. represents a nondete	ectable level"		

NOT APPLICABLE

NOT APPLICABLE

APPLICABLE/SEE ATTADED

APPLICABLE SEE ATTACKED

V

V

L. SO YOU DISCOURSE ANY OTHER TOKIC OR INJURIOUS CHOMICAL BUSTANCES NOT LISTED IN TARLES IV PACE & AND IIA THROUGH WE PAVES (C-4). IF YES, THEN EDITIFY THE OPENICAL BUSTANCES AND ESTIMATE THE FINAL EPPLIEDT CONCENTRATIONS. BUSHIT THES INFORMATION AS AN ATTACHMENT TO THIS APPLICATION.

۵.	. WE THIS BYTA DEET TO ACCOUNT IMPORTATION AS RECURRED IN:	COMECU ACPRESSO LATE SIZE FOR INCO	DECEMBER THIS DATA DEET SEPREME
	2. secries II, mar 6	e. Enigate director repr	MITTER (PARK 95)
	2. 0207104 11, 1994 6.	elela emiessa e sessa	with discount (may \$7)
	□ 8. s. s.c. anus	DOWN IN LOND HAIFTEN	unter discourse (esset In)
0.	LIN EN BITICA PATRIA (TERLI PI PRE S) EST ASSESSES FOLLANTS UNION FOR EA HAY MARKET TO BE IN TO BE OF SENSES LIES OF THIS PASS FOR PATRICES SITEMEDS.	H SECTION II 170- S SELECTIVE IN THE SECTION IN THE	× minus
	SERVICE OF THIS PAGE FOR PUMBER DIRECTIONS.		D earliers (at term)
8	A. GOOD STILL STOLL O SIGNY SALES		
-	5. DATEME COCERTATION OFFICE TYPE OF MALVED		WITTER SEPTIME DE SA
8	E. PANISAN CONCENSION ON THE		VIII COLOR
d	A. MAS & CHITICAL CHITCHIA CH FRANCE TY FOLLARST		
2~	B. AVENUE CONCOMMUTICAL SAPLE TYPE, 8 CF ANALYSES		CALL COL SECTION OF AGE
8	E. PANTALM CONSTRUCTION OF MASS	balanta balan	(8) 17 202
2	A. 1878 O SHITICA HATCHIA O PRICEITY PRALIFIEM		
	B. ANDWES COCOMMUTICAL SCIPLS TYPE, P OF ANALYSES		UNIT COME CONTACT THE REAL PROPERTY.
	C. PRALIFACI CONCENTRATION AND PASS		UNY WAR
3	A. WE O CHICA PATRIL SO PRISTY PALLICH		
	B. MENGE EXCEPTENTION SAPE THREE OF MINERS		MIT CHE MOUNTY TO NA
3	C. PONTING CONCERNATION NO PASS		DAILA CONT
8	THE SE CHIEF IS ANY OF MICHAEL SETTING		
	B. ANDWE EDECTRATION SHOULD PARK I DE MALVES		WITCH EMPLY WAS TO BE
8	C. HAVIPAN EDICOPRATION AND MISS		3417 CODE
	A DE FRIER BIDIA O RIGITY FOLLOW		
-	B. AVENUE EDICHMATION SEPAS TWEE FOR DUNNING		WILLIAM TRANS TO WA
8	C. MAININ COCOMATION AND MASS		BIT CO
1	A. MAR OF CRITICAL PRIVATIVE OR PRICEITY FRANCIS	100000000000000000000000000000000000000	
	B. ANDREE CONTINUES OF STREET FOR I S OF MILES		WITCH BOOK WE IN THE
8	E. FRANCE EMPARATE EL RAPLAS .3		
7	A. 1846 B CATICAL PAYMAIN, OR PRICEITY PRANTER		
20	P WORE CHOMBUSING MATE AND LA WITHOU		UNITED SECTIONS OF ASSE
2	C. PRIPUR EXCENTRATION AND RES	the state of the s	AIV AV

Marion, and of this the 7 ms attack to be carried. Attack material materials and a recent fellowing belong to be secured.

QUITALL MUSER			10,0	و
A. LOCATION OF DISCHAGE	LN W	L IN W & SETTION I	2.1. TOW _	6,5, RACE LIOE
	A LIE. MOUDHITH OF ME OF LA	A STREET, STRE	CREEK	THE RESERVE THE PERSON NAMED IN COLUMN 2 IS NOT THE OWNER, THE PERSON NAMED IN COLUMN 2 IS NOT THE OWNER, THE PERSON NAMED IN COLUMN 2 IS NOT THE OWNER, THE PERSON NAMED IN COLUMN 2 IS NOT THE OWNER, THE PERSON NAMED IN COLUMN 2 IS NOT THE OWNER, THE OW
C. BO YOU DISCHARE BEASO	MILY		☐ vts	□3 ∞
D. IF YEL LIFT DISCHAGE	PERIODE	10./1	DAY	ND. / DAY
				ىب ب
			LI Dense	
			Mag	
ODE E. LAW APPLICATION DATE	Market Market and Mark	IN./if.	MR./DAY	IN./MK.
F. THE OF METBATER DISC	owst	رى ر	WASTEDATER TY	
S. DISOMGE SOEDLE (VEA	MLY METHOR)	HOURS/DAY L	LU DA	Y/Y644 LLL
N. DISCHAGE PLOY BATE		J VOTAL VEARLY		0.1 WIT1000E
RY STER		BAILY MINIMA		ت سب
		BAILY MAKIMA		ما ماماما
I. THE MAXIMUM DISCHARGE P	PLON MATE TO BE AUTHORIZED IN PERM	IT. AUTHORIZED	1-1-7-20	OLOLOLO WIT COOK
J. MAXIMUM DESIGN DISCHARG		DESIGN	1 1 7 2	OLOLOLO LAIT COOK
(IF NO, CONTINUE TO ITE	ON ADDITIVES TO TREAT WAR DIRON	ned,	D vs	N.
S. MAR PUNCTION, AND DE	PUCAL COPPOSITION		<u> </u>	BACIDA .
	UKTUUS			
		AJKIMA W	IB. AVENAL	UNITE , PAKIFUS C
		ALKINAN &		
D. DIPECTED DISCOMES CORD		MINIALA DE	OTB. AVENAGE	ا سبب
D. DIFECTED DISDOWNEE CONC.		AINIAN D		<u></u>
D. EXPECTED DISCHARGE CORD	ENTRATION OF ASDITIVES.	ALKINON DO		ا سبب
D. DIPECTED DISCHARGE CORD ASDITIVE NAME ASDITIVE NAME ASDITIVE NAME ASDITIVE NAME ASDITIVE NAME	ENTRATION OF ASDITIVES.	AJHIMA B		
D. DIPECTED DISCHARE CORD ASDITIVE NAME ASDITIVE NAME ASDITIVE NAME ASDITIVE NAME E. SO YOU TREAT THE DISCHARE	DITINATION OF ASDITIVES.	AJMIADA DE		
D. EFFECTED DISCHARE CORCI ASSITTIVE NAME ASSITTIVE NAME E. SO YOU THEAT THE DISCHAR F. WAT IS THE REPOYAL STE	DITINATION OF ASDITIVES.	RIMIADA DE LA CONTRACTOR DE LA CONTRACTO	<u></u>	Discount Presence

	0	ATAL NUER	(0.0 %)
ITEM		WOULD THIS OUT ALL ON SIC ONE DISCUSSE	LOW, VOLUME, W.S.T. 4911
-3		B. PROCESS SOCIALE (VEGELY AVERAGE)	marker LL markers LLL
PROCESS STALAMS CONTRIBUTIONS TO	Modera	C. PERSON DETERMINE PLANE	CALLA MARKA CTITITIO F
C-TOWNESS	200	B. PROCESS PRODUCTION COSTS	BAILY SEILER LOOLULL AWN COLUMN
		A. SALE OF MISCONAT AS BIC ORE DISO NOE	
		B. PROCESS ECHOLES (VEGELV ANDROSE)	
- - - - - - - - - - - - - - - - - - -		C. PECESS DESTRATES PLOY BATE	BAILY MARIADA CANCY MARIADA CANCY MARIADA CANCY MARIADA
8 CUDIC		D. PREDICT PRODUCTION NATE	LAITE TIME
CORACT		A. BATE OF PROCESS CONTRIBUTION TO THE DISCUSSE	
6 70HB		S. FROM SOUTH (VIAL VIVENCE)	DATE OF THE PARTY
9 800		C. PROSESS SATISFATOS PLOS SATE	POTAL VEARLY LILLIAN L
			BOILY MIXINGS
THE		D. PRODUCE PRODUCTION DATE	قاراتها سيسي
NOUR B BAY		A. COPE OF PRICESS COMMERCIES TO THE DISCUSSE	
S WERE		8. PROCESS ROSERLE (VEARLY AVERAGE)	MANAGEM LILL
a rear	86.500.50	A PROPERTY OF AND AND	BUILT RIBBER LILL LINE WART LINE WART LINE WART LINE WART LINE WART LINE WAS A SHARE WAS A
		D. PROSES FROMETICS MAY	PALLY RESIDENT
		A. THE OF PRICESS CONTRIBUTION TO THE DISCORDE	
		B. Marie Dorle (Mary Rose)	THE REPORT OF THE PERSON OF TH
		C. PROPER HATPANIA PLO ROTE	NIT CM
	80		
			BAILY PRODUCE C. L. C. L
			SO TO FINE

	E IN	STE	RUC	TI	ONS
ON	RE	ΪĒ	ISE	5	IDE

	OUTFALL NOTES:			0.0.9	
ITEM	A. IS THE BISCHARGE PECH THIS CUTTALL BIRECTED TO SECURE TERMS (IF NO. CONTINUE TO 1784.)	O ME GOURG CP		w Z .	,
CACARDWATTE BISCHARGE SYMMETTICS	G. SEL A MEDITEDLE ICAL ETEN OF ITS SENIVALDI GENERI STEROLOGICAL INTERNITION AVAILABLE COPILISION PART ZZ GEOLOGICA TO RALE OF ALGE THIS DISTING OF PROPERTY DISCORDER 19 193	AT MANUAL OF THE STREET STREET AT MANUAL ASSOCIATION OF THE STREET STREET ATTACK A SOFT OF THE STREET.	. 0		
	C. ME YOU SOLETTING AN EXPERIMENTAL REPORT OF THE PROPERTY OF	IS A PRESCRIPTION REPORT USES CHATE PENTONIC PENUTOPES VOT Z RUE. IF YES ATTACH VOR DISCHARE MALLS CALLEY FOR	. 0	*** D	,
	D. AT THE STREET IN A VANIOUS POST ALL SO. THE STREET PROPERTY OF STREET THE STREET PART OF STREET THE STREET PART OF STREET	205 (Page 5) (ICSSEMANTION) 67 SATTR BALLET 17 YES, ATTACH GAST O POR A VARIANT 16 TOPES OF THE) OF THE PORT 22 BALLS.		18 O K	•
	E. LIST ALL OSTICA BLESTANCES WHICH AST AT RICH WALL BY AND U.S. DA'S PRICETY POLLUTANT WHICH AS OF MY SECOND SHARINGS TO THE ESTIC PARTIC MEANT THAT ARE DISDANGED OF EXPORTED PARTICITY. SET PARTS THE FIRM STULENT POCKET	IGAN'S DITILLA PAYERIALS RESISTED TABLE PV LIST TABLE V (PAGE)) CO NV STASE DUBSTANCES HATED LETT OF THE SCOUNDATES CO TO THE TO SE DISCOGNED TO THE SCOUNDATE OF THE RATING NO STATES ALL BATA DE ITEM Y OF	(a) and	CORINE IN B	
	BETTON II DO THIS BOOKLET. THE APPLICANT MAY TO REQUIRED TO BE ASSISTED.		C PRESENT,	DATA PROVIDED IN 119	. 7
	A. DISONAL DOMACTORISTICS	CONCENTRATION		MITS CODE & MALTES	-
ITEM 5	"SEES (FIME DAY 8 ICONSTICAL GENERA SERVICE)	UND . ULL UND		ى ن	2
	COMPLEX CASES (CONTRO)	سعن سب		4 —	_
Wasti watea	THE (TOTAL SECUNIC CAPEDA)	ىيى سىد.ىي		4 —	_
TERETICS	COPEDNIA NI TROGEN (AS IN)		سئندا.	ų u	_
	"TOTAL BLOODED BOLLES	ىس سىس سىس		<u> </u>	-
1002 77.MV	TOTAL PAGENDRUS (AS P)		. 13.01	ال ال	
S COUNTS	POTAL RESIDURE DALONINE	LLLI.LLL LLL	الللا ،	س س	_
900 mi	81800.VED 0570EDN RID		السلسلسا ،	<u> </u>	-
€ 8.U. 6 •	₩ 115.6	ت ا	. ك	س ساف	2
© LOS 18-21	PRICAL COLLIPSON DACTORIA		ليل	ت ت	
	CARGONAL (STOCK)			ت ي	-
	CELLMIN) SALLES (CELLMIN)	1. CHES 1947EATES DOMACTES 197163	٠ ـــ	الله الله	h
	10,1,6,8,8,8,8,8,8,8,8				
	O.R.G. ANN. S.Q.			ىك ب	Ť
LYPE				س س	12
9 CAAD 3 84 MOUR				<u> </u>	·
Somposite					·
					L
		<u></u>			-
					-

SECURED INFORMATION FOR INFORMATION DISCOMESSI

SEE INSTRUCTIONS ON REVERSE SIDE

T OTTAL MASES

PERMIT_ NUMBER

SECTION II

M10037028

	-			
ı	ı	Ē	ш	1
		6	1	

PRIORITY POLLUTANTS AND ADDITIONAL NFORMATION FOR BURFACE WATER DISCHARGE CHLY

OUTFALL NUMBER	0,0,5
THE FOLLOWING REDIESTED INFORMATION SHALL BE ADDRESSED BY ALL BAFACE WATER DISCHARGES.	
A. IS THIS FACILITY A PRIMARY INCLETEY? (REFER TO TABLE IA PARE SE)	
B. INDICATE TYPE OF PRIMARY INCLETRY AS LISTED IN TABLE IA PANE \$1.	I ST TIE IA I MI IEIL IE I CIPIPI
C. BOES YHIS O'TTALL DISCHARGE CONTAIN ANY PROCESS MASTEMATER?	⊠ vs □ no
B. SINDICATE WHICH SCIMS PRACTIONS PLET BE TESTED POR. (RETE! POR EACH SCIMS PRACTION OFERED, EACH SPECIFIC ORGANIC TOXIC POLLUTANT WITHIN EACH FRACTION MLET BE ANALYZED FOR (SEE TABLE 11A PAGE SC. IN ADDITION, BLL PRIMARY INDUSTRY APPLICANTS WITH A PROCESS MUST FALLE DISOPAGE THE PROVIDE SUMMITTATIVE BATA POR EACH TOXIC POLLUTANT IN TABLE 1150 PAGE SC).	WOLATILE DASE/NEUTRAL
RECORD ALL BAYA ON POSPIS PROVIDED (1784 7) IN THIS ECONOLET. (CONTINUE WITH E-K BELOW)	ACID PESTICIBE
8. If MY SUFFACE WITER DISOURGE APPLICANT (PRIMARY OR SECONDAY INDLETTRY), REGARDLESS OF THE TYPE OF DISOURCE, ROOM OR HAS REASON TO SELIEVE THAT MY POLLUTANT LISTED IN TABLE 11A AND IVA PAGES \$2-43 IS EISOURGED PROVINCY ANY OUTFALL THE QUANTITATIVE DATA BASES BE PROVIDED.	OF APPLICABLE/BELIEVED ABSDIT
RECORD ALL DATA ON PORTS PROVIDED (ITEM 7) IN THIS BOOKLET.	PRESENT/DATA IS ATTACHED
F. IF MY SURFACE MATER DISCHARGE APPLICANT (PRIMARY OR SECURORY INDUSTRY), REGARDLESS OF TYPE OF DISCHARGE MOUS OR HAS REASON TO BELIEVE MY POLLUTANTS LISTED IN TABLE VA PANE AS APE DISCHARD PREP MY OUTFALL THE APPLICANT MET DESCRIBE REASONS FOR THE POLLUTANT SEINS PRESENT AND PROVIDE MY AVAILABLE GUARTITATIVE DATA.	NOT APPLICABLE/BELIEVED ASSET
RECORD ALL SATA ON FORMS PROVIDED (170% 7) IN THIS BODGLET.	MESENT/DATA IS ATTACHED
B. ALL BUPACE WITER DISCHARGE APPLICANTS (PRIMARY AND SECRETARY INDUSTRIES) WEST OF MANUFACTURES 2 & 5 - TRICALDROPHENONY ACETIC ACID (2, & 5-T); C(2, 4, 5-TRICALDROPHENONY) PROPAGAIC ACID (SILVEX, 2, 4, 5, TO); C-(2, 4, 5-TRICALDROPHENONY) PROPAGAIC ACID (SILVEX, 2, 4, 5, TO); C-(2, 4, 5-TRICALDROPHENONY) PROPAGAICANTICALTY (BONNEL); C-(4, 5-TRICALDROPHENONY) PROPAGAICANTICAL (BONNEL); C-(4, 5-TRICALDROPHENON (TO); OR HEXACADDROPHENON (EXP)) (ALL BATA FOR THE ABOVE PLAST BE GENERATED USING STANCARD ANALYTICAL CALIBRATION PROCEDURES) OR	NOT APPLICABLE/SOLIEVED ASSETT
EDONS OF HAS REASON TO BELIEVE THAT TODD IS OF MAY BE PRESENT IN THE R DISCHARGE. MAI REPORT GUALITATIVE DATA, GENERATED HAIDS USED A SCREENING PROCEDURE NOT CALIBRATED WITH ANALYTICAL STANDARDS, FOR Z. 7, E TETRADALERODISENDO-PUDIORIES (TODD). RECORD ALL DATA ON FORMS PROVIDED (1984 7) IN THIS BOOKLET.	MALLOT/DATA IS AT AMED
IN THE SURVICE MATER DISCHARGE APPLICANT EDGING OF HAS REASON TO SELIEVE THAT BIOLOGICAL TOXICITY TESTS HORE MADE IN THE LAST THREE (3) YEARS ON MAY OF THE APPLICANT S DISCHARGES OR ON A RECEIVING HATER IN RELATION TO A DISCHARGE PROVIDE THIS INFORMATION AS AN ATTACHMENT TO THIS APPLICATION.	MICHAEL SEE ATTIONS
E. IF A CONTRACT LABORATORY OF CONSULTING PIRM PERFORMED ANY OF THE ANALYSES REQUIRED BY THIS APPLICATION. PROVIDE THE NAME AND ADDRESS OF GAOI LABORATORY OF PIRM AND THE ANALYSES PERFORMED AS AN ATTACHMENT OF THIS APPLICATION.	MUCALE/SE ATTACED
L. BO YOU DISDONING ANY OTHER TOXIC OR INARIOUS DEPUICAL BUSTANCES NOT LISTED IN TABLES TO PAGE 5 AND THE THROUGH US PAGES (CU.). TO YES, THEN EMPIRITY THE DEPUICAL BUSTANCES AND ESTIMATE THE FINAL EFFLICHT CONCENTRATION. BUSHIT THES EMPORATION AS AN ATTACHMENT TO THIS APPLICATION.	MALCOLE SEE ATTAGED

L 29 98 18

SEE INSTRUCTIONS ON REVERSE SIDE

		MENT IN AL		10.0181
rem 7	a	SEE THIS BUTA BOOK! TO ALLOW IN SOMETION AS BECUIRED IN:	(04CX #74070 IATE DOI 900 0016	DI DESCRIPTION YHIS BATA DEST GERMENTS.)
SOTEAL			C. STONE OF BUILDING PAPER	
TORK SALUTANTS			SALES (AND TANKS IN STANCES	
LARDOUS DEVANCES ON DOMARGS	b.	LIST ON CATTOAL PATERIAL (TABLE IN PASE 6) NOT ASSESSED FOLLMANTS SOLID YOU BOOK SO NOT REASON TO SELIGHT TO SE PA SENIORS SIDE OF THIS PASE FOR PLETTER DISECTIONS.	IN SPECTION II 1780 A GRIDDITY GROOT IN THE DISCORDE. PER	
		A. SHE O' SITILL SITUIL SI SISINY SQUARE		
		B. ANSWER CONCENTRATION SAFELS TYPE, If OF ANALYSIS		WITCH BOOK THE VE ON THE
		C. MULTISM COCENTRATION AND MUST		UNIT GOLD
	4	A. BOTE OF CAITION SATISTIAN OF SATISTIAN FOLLOWS		
	~	B. ANDRESS CONCENTRATION, BAPPLE PYPE; If O' ANALYSES		BATTERN BANKE WOOD OF ANALYSIS
	8	C. FANISA COGE-TRATICA AND WASS		WHY COLE
m cove	8	A. MOVE OF ORITICAL OUTDING OF PRICEITY POLLUTION		
Mg/0		D. ANDREE COCONTRATION SUPPLY TWEE; P OF GREENES		DUTTER SASTITURE OF COLUMN
EBS/DAY	8	C. PRAINER CONCENTRATION AND PASS		UNIT AND THE SHIP BEST
	퓛	A. SHE O CITICA RITORIA CO PRICATTY POLUTION		
		8. AVENUE EMERITATION SUPLE PVRI I DE MALVESS		TRIL STOR BROTH MAS & ON WOTASED
	0	C. PARISA ENCEPTATION AND MASS		DUIT COOK
CRAS	3	A. SHE SP SHITISE PATRICE OF PAIGHT PALLED		111111
****		8. AVENUE CONCENTRATION SAFELY TYPLE FOR ANALYSES		WALT COME BANGE PROS & OF DROLL PERSO
		C. PRINTING CONSIDERATION AND FROM		CALL COLL COLL COLL COLL COLL COLL COLL
	2	A WE O MINICA MISSING O MINITO TO ELLINGIT		
	-	8. AVENUE CONCENTRATION DAY A THRU E OF MACHED		WITCH SWOT IN TO WANTED
	8	6. MAINA COCOMINION NO MAL		CHIT COS
	1	A. NOTE OF CRITICAL PAPERS OF PRICEIPS FOLLOWS		
		B. ADVAN CHEMICAL EAST THE FOR EXCHAN	اللال الله	WITCH SOFT WE DO SERVICE
		G. PRINTER CONCENTRATION AND MADE		GIT CILL LINE
	1	a. We o' citicl rivil o riviy ruret		
	ço S	B. ASME GODRATION BYALL WALL & G. BRAND	14.1.	PAIR COS BARLE NAS DE CONCESSES
	2	C. REPAR CHESTRATION NO MES		

MOTION NOT F WILL TO FE STREET TO BE STREET.

	OUTFALL NUMER		0.	1.0
TEM		S. W. L. SECTION I	LIGI, TON L	ILLS, MIE LIDIE
1	B. MAY OF RECEIVING WATER CIE. GROUGHATTER OR HAVE OF BAPACE	LSINIAINI	. CIRIELE I	<u> </u>
DISCHARGE	S. SO AST DISONALS STUDENTS		□ ws	× ×
LOCATION	S. P YEL LIST DISCHARE PERIOR	10./ 0	AY	10. / DAY
soinus		· · · ·		
PLOW		· · · ·	NAOL	
RATE			II Neou	
TYPE CODE		18./68.	J	
CONTACT	F. THE O' MATEMATER DISOWISE		- WITHATTON	
MONCONTACT COOLING	6. DISOMRE SOUDLE (YEARLY ANDWE)	HOUSE/DAY L	2 4 1	MYANA LLL
PROCESS	H. DISDONGE PLOY BATE	TOTAL VENEY		שוויש עונים
STORWATER		BAILY MINIMA		ت میت
UNIT CODE		RAILY MAXIMUM	1112	128,0,0, 3
1 MOY	1. THE MAKINEM DISCHARGE PLOW BATE TO BE AUTHORIZED IN PERMIT.	AUTHORIZED		00100
GPD	J. HUXPUN DESIGN DISCHARGE PLOY MATE.	BESIGN	يسسر ا	2.8.0.0
	A. BO YOU USE NATION TREATMENT ASSISTANCE TO THEAT YOUR DISCONANCE?		☐ ves	⊠.
TEM	S. NAME FUNCTION, AND DEPRICAL EXPRESTION	-		ENCIN
2				
WITTER				
		-		
COMPANY MANAGEMENT				
C. Carlotta and C. Carlotta an	C. NAME AND ADDRESS OF HAND ACTUADOS			
ADDITIMES	C. NAME AND ADDRESS OF ANALPACTURES			
MUTS CODE	C. NAME AND ADDRESS OF MANUFACTUREDS			
ADDITINES	C. NAME AND ADDRESS OF RAME ACTUADES			
NOTES CODE	C. NAME AND ADDRESS OF HAND ACTUARDS OF THEM ADDITIVES.	ALKIALA G	Th. Avenue	UNITS , MAXIMA UNIT
ADDITINES		PURIFICA CO		
NOTES CODE	D. EXPECTED DISCHARGE CONCENTRATION OF ASSISTINGS.	ALKSALA CO	TB . ANDVAR	, _,
MOTO CODE	D. EXPECTED DISCHARE CONCENTRATION OF ASDITIVES. ADDITIVE NAME	ALKIAN B	.,	: =:=== =
HOTE CODE	D. EXPECTED DISCHARGE CONCENTRATION OF ASDITIVES. ASDITIVE NAME ASDITIVE NAME	=======================================];===	: :::::::: :
ADDITINES	D. EXPECTED DISCHARGE CONCENTRATION OF ASDITIVES. ACCUTIVE NAME ACCUTIVE NAME ACCUTIVE NAME	=======================================		
ADDITINES	D. EXPECTED DISCHARGE CONCENTRATION OF ASDITIVES. ACCUTIVE NAME ACCUTIVE NAME ACCUTIVE NAME E. BO YOU THEAT THE DISCHARGE TO SPICKE ACCUTIVES?	=======================================		
HOTE CODE	D. EXPECTED DISCHARGE CONCENTRATION OF ASDITIVES. ACCUTIVE NAME ACCUTIVE NAME ACCUTIVE NAME E. SO YOU THEAT THE DISCHARGE TO STONE ACCUTIVES? P. WAT IS THE REPORT SPECIFICY AND DISCHARGE PROGRESSOR?	=======================================	7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ALECONOCE PERSONS 100./DAY BAYEVE.

SECTION II

NUMBER M10037028

	0	THAL RUPER	(0,1,0)
ITEM		A. HONE OF PEDGESS COMPLICATING TO THE DIRECTOR	LAULIX I DIEM & N
3		8. PRODES SOCIALE (YEARLY ANDRESS)	HOUSEN LZIAU PRINTING LLIU
PROCESS STREAMS CONTRIBUTION		C. PRECISE PROPERTY PLOT 1 T	SOTION VENERAL STATE OF THE STA
COMPANY COMPANY COMPANY	f	D. PRODES PROBETION NATE	EALLY REPTIRES 1 1 1 1 2 12 18 10 10 1 71 100
		A DAG OF PROCESS CONTRIBUTION TO THE DISCOURSE	
		B. PRODUS BORDALI (VEGR V ANDROSE)	THE PART IN THE PA
9 POUNDS		C. PROPER MATERIANA PLO ENTE	BALLY RICHER LAND LAND LAND LAND LAND LAND LAND LAND
S CALLOWS		D. PRESIDE PRIBACTION DATE	Wil 75 Ting
AVUDQ.		A. ESPE OF PROCESS COMMISSIFIED TO THE DISCOSSES	
4 70M3 6 867		D. GEOGRAG EDGENAL (VEGELY ANTROOM)	KOLES/DAY L.J. BAYS/1920 L.J.
6 800 7 600		C. PROCESS MASTERIATION PLAN GATE	TOTAL YEARY LILLIAN LI
		D. FROMES PRODUCTION NATE	DATEA MONITOR
TIME ROUR		A. MARIE OF PROCESS CONTRIBUTION TO THE DISCORDE	
3 0 W4 8 W		8. PROCESS SOCIALS (VERRY AVERAGE)	
a work	00000 00000000000000000000000000000000	C. FREEZE CHAPTER FLOW BATE	TOTAL PROPERTY LINE CONTINUES LINE C
		D. FEDERS FREEZISH BAYE	BILL WHILE THE
		A. DES E PROCES EDMIRATION TO BE SIGNAME THORSE THIS CHITAL BO SIL COS	
		D. PEDGES EDGELL (YARRY MONE)	The second secon
		C. PECUS SUFFORTY FLOW SATE	Distriction Little Litt
		•	BALV GRADINA GALLALA LA
Contraction Contract		D. FERRIS PERCHANTON BATE	Con 13 (Store

SEE INS	TRUCTIONS ERSE SIDE	III PERM		MI 0037028		
	OUTFALL SUMER			1911	0	
ITEM	A. IS THE BISCHARL FROM THIS COMPALL BIRECTED TO	THE BROLDS OR	E Kin al Land		0.	
4	8. MALE A INTERCEDICACICAL STIEV OF 175 BRUIVALENT COMMENT INTERCEDICACICAL INTERPATION AVAILABLE COMMISSION PART 22 GROUPON TO BALLE OF ALGUE THIS DESTRICT OF PROPERCY DISCHARGE IF YELL	A COURT OF THE STATE OF THE STA	ICIBR ICES POR		0.	
EMSCHARGE EFFENATION	C. AN YOU STATE IN A SECURITY PEOPLE SHITTING AND STATE OF THE PEOPLE SHITTING AND SHITTING TO SECURITY THAT	E A PRINCIPALE ILA. EPOT USE DUTE PONTALE PRINCIPALE AT Z RAIS. IF YES ATTACK VAS DICO-ANI ERAD ENALIZA PE	,		0.	
	B. ANY WILL DESCRIPTION A VARIANCE PROPERTY BY SECURIOR OF THE PROPERTY OF THE	ZB (FASE \$5) (STREETMANATION) BYTES RALES IF YES, ATTACH BAZ B ACO A VOSICACI IN TRING CO THE		0-	•	
	THE HALL DEPTICAL DURITANCES WHICH ARE BY AUCH COME IN MEYOR U.S. SPA'S PRIORITY POLITICAL PLANT OF THE BEST OF TH	IGAA S CRITICAL PANTURIALS REGIST LIST TABLE V (PODE) ST AVA STM STED LEEL S THE SCALASSATUR CO TO EL DISCORRED TO THE SEASON ATTURK ROS REGISTO RAL BATA DE ST	TO THE THIS BY SHIPS	D BOT APPLICABLE/BELIEVE ASSETT		
6. 6. 12. 12. 12. 12. 12. 12. 12. 12. 12. 12.	THE APPLICANT MAY BE RETURNED TO SO ASSISTIONAL	BUTT BEATELL.		PRESENT, BATA PROV		
	A. DISDURGE DWALTERISTICS	CONTRICE	1604 Phil	GITTA COM	S AND THE SA	0001
ITEM	" (FINE DAY BIDDONICAL OWEN DENNE) #	سب سب	با السا	ى ب	سا	u
5	"CES (DONICAL COMMEN EPILIO)	ш.ш.	<u> </u>	ى ب	ш	_
EXPECTED WASTEWATER	PRIC (POTAL STEAM)C CARRON)	ىب.ىب	<u> </u>	ى ب	س	_
CHARAC-	"COORDINA SII TROOGEN (AS OL)	سا،سا	<u> </u>	ىل ب		_
8488788	PRITAL BURPDEED BOLIDS	سب سب	ا ، لــــــ	ىك يى		_
BAGS STIMU	SOTAL PROSPERIOR (AS P)	ىيا.ىي	السان	س س		_
8 Mg/8	WIND AD IDA CALDINE	ىب.ىن	<u> </u>	س س	س	_
3 COUNTS /	DI 2207 ALD GAAPEN MIN	ىلى بىل		س س		_
6 B.U.	₩ Ш.Ш		<u> </u>			_
	FECA COLIFORN DATTOLIA	سيب		ت ت	س	_
	"THOUGHANDE (GLOSER)		LL , L	ى ا		
	STEPPERATURE (MINTER)		L. L	ٹ د		_
		S. ONCE EXTERNAL ORS	ACTO ITTIO			
	101116181818181818181	سا،سا	<u> </u>	<u> </u>	س	
DAMPLE		سا،سا				L
1979 CARO P		سا اسا		<u> </u>		_
S SH WOLD		ىس.سى		<u> </u>		L
		ىس،سى		لا لل		L
		سال الساء		س س		_
		ىسا ،سى	الساء	<u> </u>		u
	Data supplied for outfal	1 001				

SECTION II

TENIED SPORTED FOR BUF EL SATE DISCORDE.

1.

SEE INSTRUCTIONS ON REVERSE SIDE

SECTION II PERMIT_ NUMBER

M10037028

ľ	T	F	M
•	•	5	
		O	

PRIORITY
POLLUTANTS
AND
ADDITIONAL
MEDINATION
POR
SURFACE
WATER
BISCHARGE
ONLY

WINE DEX	1011101
THE POLIDWING REQUESTED INFORMATION SHALL BY ADDRESSED BY ALL BURNACE HATER DISCHAGERS. BOTE! NEW USE DISCHARGERS SHALL PROVIDE EXPECTED VALUES FOR THE QUANTITATIVE AND BUILITATIVE INFORMATION REQUESTED BELOW.	
A. IS THIS FACILITY A PRIMARY INCLISTEY? (REFER TO TABLE IA PARE SE)	Ø 163 □ 160
B. INDICATE TYPE OF PRIPARY INCLETRY AS LISTED IN TABLE IA PARE &1.	IS IT I ELAIMI E I LIEICIP PI
C. BOES THIS CATTALL DISCHARGE CONTAIN ANY PROCESS WASTEWAYER? (IF NO. SO TO E) (IF YES, BO TO E)	□ 10 × × ×
B. INDICATE WHICH SCAME PRACTICING PART BE TESTED FOR. (REFER TO TABLE IN PARE 11) BETT! FOR EACH SCAME PRACTICIN CHECKED, EACH SPECIFIC ORGANIC TOXIC POLLUTANT WITHIN EACH PRACTICH MAT BE ANALYZED FOR (SUE TABLE 11A PAGE 12). IN ADDITION, ALL PRIMARY INDUSTRY APPLICANTS WITH A PROCESS MASTEMATER DISCUMBE TEST PROVIDE QUANTITATIVE BATA FOR EACH TOXIC POLLUTANT IN TABLE 111A PAVE 13). BECOMO ALL DATA ON POPUS PROVIDED (1TDN 7) IN THIS BOOKLET.	WOLATILE provided for outfall 00
CONTINUE WITH 8-K BELOW)	PETICIA
E. IF MY BUFFACE WITER DISCHARGE APPLICANT (PRIMARY OR SECONDARY INDLETTEY), REGARDLESS OF THE TOPE OF DISCHARGE ROUND ON HAS REASON TO BELIEVE THAT ANY POLLUTANT LISTED IN TABLE I IA AND TOY, PAGES 12-45 IS DISCHARGED FROM ANY OUTBALL THE BUNITITATIVE DATA BLET BE PROVIDED.	NOT APPLICABLE/BELIEVED ABSENT
RECORD ALL DATA ON PORTS PROVIDED (1TEM 7) IN THIS BODICLET.	PRESENT/DATA IS ATTACHED
F. IF MY SURFACE HATER DISCHARGE APPLICANT (PRIMARY OR SECRETARY INSUSTRY), REGARDLESS OF TYPE OF DISCHARGE, SICHAS OF HAS REASON TO BELIEVE ANY POLITANTS LISTED IN TABLE VA PAGE 65 APE DISCHARGE FROM ANY OUTFALL THE APPLICANT MEET DESCRIBE REASONS FOR THE POLITANT BLING PRESENT AND PROVIDE ANY AVAILABLE QUANTITATIVE DATA.	MICH MATICARTA PETIND WIEDL
RECORD ALL DATA ON FORMS PROVIDED (1TEM 7) IN THIS BOOKLET.	MESENT/DATA IS ATTACHED
6. ALL BURNACE HATER DISCHARGE APPLICANTS (PRIMARY AND SECONDARY INCLETRIES) WELL OF MANUFACTURES 2, 4, 5 - TRICALDROMENONY ACTTIC ACID (2, 4, 5-T); LIZ. 4, 5-TRICALDROMENONY) PROPARCIC ACID (SILVE), 2, 4, 5, TP); LIZ. 4, 5-TRICALDROMENONY) ETHIN, 2, 2-DICALDROMED (DWITE (SEEDIN), 0. DIMETHIN, 0-12, 4, 5-TRICALDROMENNY) PROSPECTATION (SALE DATA FOR THE ABOVE MAST SE GENERALD USING STANDARD ANALYTICAL CALIBRATION PROCEDURES) OR	NOT APPLICABLE/BELIEVED ABSENT
MEN'S ON HAS REASON TO BELIEVE THAT TODD IS ON MAY BE PRESENT IN THE IR DISCHARGE. MAIT REPORT GALITATIVE DATA, GENERATED WHICH USED A SCREENING PROCEDURE NOT EXTINATED WITH ANALYTICAL STANDARDS, FOR Z. 3, 7, 8, - TETRADALDRODIBLEGO-P-DIOXIN (TODD). RECORD ALL DATA ON FORMS PROVIDED (178H 7) IN THIS BODGLET.	PRESENT/DATA IS ATTACHED
J. IF THE BURFACE WATER DISCHARGE APPLICANT INCHES OR HAS REASON TO BELIEVE THAT BIOLOGICAL TEXTICITY TESTS HERE MADE IN THE LAST THREE (3) YEARS ON ANY OF THE APPLICANT'S DISCHARGES OR ON A RECEIVING WATER IN RELATION TO A DISCHARGE PREMISE THIS INFORMATION AS AN ATTACHEMY TO THIS APPLICATION.	MACHINALE ATTACKED
E. IF A CONTRACT LABORATORY OR CONSULTING FIRM PERFORMED ANY OF THE ANALYSES REQUIRED BY THIS APPLICATION, PROVIDE THE NIME AND ADDRESS OF EACH LABORATORY OR FIRM AND THE ANALYSES PERFORMED AS AN ATTACHEM OF THIS APPLICATION.	MUCHEN WINDS
L. DO YOU DISCURDE ANY OTHER TOXIC OR INARIDAR DEVICAL RESTANCES NOT LISTED IN TABLES IN PAGE B AND THE THROUGH WE PAGE \$0.43. IF YES, THEN EDUTIFY THE DEVICAL RESTANCES AND ESTIMATE THE FIRML ESTIMATION CONCENTRATIONS. REPLIT THES INFORMATION AS AN ATTROPHENT TO THIS APPLICATION.	MAT APPLICABLE ATTROOPS

REDITIONAL PAGES OF THIS ITEM 7 ME ATTACHED FOR THE REST OF THE CRITICAL MATERIALS MOVER PRICERTY POLLUTANTS REQUIRED TO BE REPORTED.

AVENUE CONCENTRATION SAFEL TYPE ! OF ANNUAL

MUNIC CHEDATATION SHOUL TYPE, I OF MULTER

A. INVE OF CRITICAL PATERIAL OR PRICRITY POLLUTANT

C. MAXPUM CONCENTRATION AND PRASS

C. MILPLA COICEATATION NO MASS

THE LAWS

WALL TO

4.1

J. | | | | |

SEE INSTRUCTIONS

į.

	ONTAL RATE	بليور	J
ITEM	A. LISCATION O DISCHARS LNLSU & LN	LW & SECTION 1211, FOR LA	LS, MISE LLOLE
1	8. SAN C MEINIG WITH (II. GOUDATE & ME F DAVAS	S.W. A.N. C.R. E.E.K.	
AMERICA DOL	C. D. AND DEPOSITE SECURITY		X •
LOCATION	D. IF YES, LIST DISCONNEL PERIODS	60. / BAV	50. / BAY
201311			ىب بب
e PLOW			
DAVE			
COLUMN TO SERVE	E. LASS APPLICATION BATE	101./661. 109.1/64Y	
U0011427	F. THE OF CONTRACTOR DISCOVER		
SICKLOOKTOCT	6. BLOOMS (DATALL (VARA V CADAGE)		MAR (31815)
PACCOSS	M. BIROWER FASH BATTI		2.6
SAUTAN		J WOTEL VERSEY LILLIES	ك في
UNIT SOOS			43.2. 2.
9 8007	1. THE MAXIMUM DISCHARE PLEN SATE TO BE AUTHORIZED IN FEMALT.		9131.10 413 000
2 660 3 6P0	J. RANIPAR RESIDI SIBORRES PLES RAFE.		المراكب المراكب المراكب
	A DO YOU LES WATER TREATMENT ASSITIVES TO THEAT TOLD DISCUSSE?		N _o
ITEM	B. SOME PLANTISM, AND OPPHICAL EXPOSITION		pecula
2	want apprives.		
TREATMENT			
ADDITIVES			
	G BEST ADDITIONS OF REAL PRINCIPES		
CONTROL COORS			
9 040/1			
8 89/1			
	D. EXPERTED DISCOVER EDECEMBATION & ADDITIVES.	MUSINAN LOUYS AVERAGE	COLUMN COLUMN
	ASSITIVE COM	سيدرب سيد	
	COING CO	سيسان ساند	ا سیس
	CONTROL COME		
	E. DO THE TREAT DE DIECEME TO EDOM ACONTACT		Ue
	P. 1007 16 30 1000 107 10 1007 100 DIDONE THESE		Model forest
	ADITYA 1898		WS./SW BAYS/SK.
	The second secon		
	ACOUNTRY (COM		

	T	RUTFALL NUMBER	رابابا		
ITEM	Г	A. NAME OF PROCESS CONTRIBUTIONS TO THE BISCHARGE	COST & K I WIA SITIE O DILICO LA SILLO		
3		B. PROCESS SOUTHLE (YEARLY AMPLICE)	MOUNT 1214 DAYS/1744 131615		
PROCESS STREAMS CONTRIBUTING TO GUTTALL DISCHARGE	SERVICE	C. PROCESS WASTDATES PLOY BATE	BAILY RUNIMAN		
		D. PROCESS PRODUCTION BATE	BATLY MODIFIEM 1, 1, 5, 0, 0, 0, 7		
	-		HVM OOLL LI		
		A. NAME OF PROCESS CONTRIBUTING TO THE DISCHARGE	DIEMIN NI WAISTIELO LLC (4.9.1 A		
	I.	S. PROCESS SCHEDLE (YEARLY AVERAGE)	HOUSE/DAY (214) BAYS/YEAR (31615)		
SINITS CODE	Madous	C. PROCESS WATDATER PLOY BATE	### ##################################		
2 GALLONS		D. PROCESS PRODUCTION BATE	LILLIAN WW CHIEF		
VARDS		A. NAVE OF PROCESS CENTRESITING TO THE DISCHARGE THROUGH THIS OUTFALL AND SIC CEDE	LSITIORM I WIAIT IE RIOULILIE 4 (9111)		
d TONS		B. PROCESS SOIDLE (YEARLY AVENUE)	HOURS/DAY LZIAU DAYS/YEAR LZI.615		
7 670	SES SOME	Board on soin / rue. 30 nain / rue. 30 Daily max. rainfall	BAILY MINIMAN 1 1 7 1 2 9 5 5		
TIME		D. PROCESS PRODUCTION BATE	La L		
1 HOUR 2 DAY 3 WEEK		A. NAME OF PROCESS CONTRIBUTING TO THE DISCHARGE THEOLOGY THIS CUTTALL AND SIC COORS	HOLES/DAY L.L. DAYS/YEAR L.L.		
4 MONTH S YEAR	SESSONS		C. PROCESS MUSTIPIATER PLON BATE	SAILY MINIMUM	
		D. PROCESS PRODUCTION DATE	UNITS THE		
		A. NIME OF PROCESS CONTRIBUTING TO THE DISCHARGE THROUGH THIS QUITALL AND SIC COOR			
		B. PROCESS POEDLE (YEARLY AVENUE)	HOUSE/SAY LI SAYS/YEAR LI		
	SEZOU4	C. PROCESS WATER PLOY MITE	WILL FERROR		
		D. PROCESS PRODUCTION BATE	BARLY MODIFIER THE		

SECTION II

PERMIT_ NUMBER M10037028 SEE INSTRUCTIONS ON REVERSE SIDE OUTFALL NUMBER DLIL ፟. ITEM IS THE DISCHARGE FROM THIS OUTFALL DIRECTED TO THE BROAD OF GROUNDWITTES? (IF NO. CONTINUE TO ITEM 5) 123 HAS A HYDROGEOLOGICAL STLEY OR ITS EQUIVALENT BEEN PERFORMED OR IS THERE SUFFICIENT CURRENT HYDROGEOLOGICAL INFORMATION AVAILABLE AS REQUIRED BY THE MATER RESOURCES COMMISSION PART ZZ GROUD-WITE RALES OF ALGUET 14, 1980 8.325.2207 (PAGE 50) FOR THIS EXISTING OR PROPOSED DISCHARGE? IF YES ATTACH & COPY OF THE REPORT. 4 100 YES GROUNDWATER DISCHARGE C. AME YOU PROJECTING AN EXPORTION PROM SUBMITTING A MYDROGEOLOGICAL REPORT UNDER MALE 8, \$23, 2200 (LD) (PAGE &) OF FROM GROUNDING TO ROWITCH IN EXCUPANTION TO DEPORT &) OF THE PART Z RALES. IF YES ATTACH EXCUPANTS AND EXPLANATION TO DEPORT TRATE THAT YOUR DISCHARGE TOLLO GUALIFY FOR AN EXPORTION. 125 **EFORMATION** THE NATUR RESOLUCES COMMISSION PART 22 GROADWITH RALES? IF YES, ATTACH SLOW DECLIPENTS AS NECESSARY TO DESCRIPTIVE THE HEED FOR A WATANCE IN TERMS OF THE CRITERIA SPECIFIED IN RALE \$22, 2210 (PAGE 12) OF THE PART 22 RALES. YES LIST ALL DEPICAL SUBSTANCES WHICH ARE BY PUCHICAN'S CRITICAL MATERIALS RECISTER TABLE IN (PAGE 5) MEVOR U.S. CPA'S PRIORITY POLLUTANT LIST TABLE V (PAGE 7) OR MY OTHER SUBSTANCES WHICH ARE OF MAY SECONE BLARIOUS TO THE ESSIGNATED LIBES OF THE PRODUCTION OF THE PRODUCTION OF THE PROPERTY OF TO THE PROPERTY OF THE PROP NOT APPLICABLE/BELIEVED ABSENT PRESENT, BATA PROVIDED IN ITE ? THE APPLICANT MAY BE REQUIRED TO BE ADDITIONAL MASTE ANALYSES. UNITS COOK I MALTES SAPLE ! CONCENTRATION A. DISCHAGE CHARTERISTICS CORT ITEM L131 "BODS (FINE DAY BIOCHENICAL DRYGEN DEWNE) 2 u لقب "COD (DENICAL OMGEN BOWE) . 16 . . . EXPECTED "TOE (TOTAL ORGANIE CARBON) WASTE WATER L131 1101.1931 L 10.019 CHARAC-"APPENIA NITROGEN (AS N) TERRITICS ىل 1611.131 w TOTAL SUBPERED SOLIDS --____. UNITE CODE TOTAL MOSMORES (AS P) 1 Mg/1 TOTAL RESIDUE DEDNING U0/1 a COUNTS / ___ DISSOLVED DIVERN MIN 100 mi سق ، ك سف 4 S.U. ىيا . بىر رك ---& LAST DAY PECA COLIFORN BACTERIA ---ىك **LLI.** LI **...**. "TOPENTUE (BUPER) ---"TOPENTURE (WINTER) B. OTHER MASTERITER OMRACTERISTICS LINID . LILL LINID . L 10,1,6,8,0,8,8,A,8,E, الم سع OFRIGA NILC ___0.8___ ____0.8___ . N SAMPLE TYPE اللبا البا GRAS 2 34 HOUR لللان للنا COMPOSITE N.D. represents a non-detectable level

SECTION II

"MELLINED INFORMATION FOR SUPPLIE MATER DISCOMMES.

ITEM 8

PRESENTS
APPLICABLE
PORMATEN
POR
EURACE
WAYER
SHECKASING
CORY

OWET MADE	الدالي ال
THE POLICY OF REALISTED IN STRATICS SHALL BY ACCRESSED BY ALL SUPPLY WITH DISCHARGES.	
A. IS THIS FACILITY A PRIMARY INCLUSTRY? (REPER TO TABLE IA PARE S.)	⊠ 481
A DESIGNATE TYPE OF PRIMARY INSULATOR AS LISTED IN TABLE IN PART \$1.	IS IT E LAIM LEI LIEIC IP P
C. BOSS THIS CUTTALL BISDOWANG CONTAIN ANY PROCESS WASTEWAYER? (IF NO. SO TO S) (IF YOS, GO TO D)	⊠ -∞ □∞
B. HEILATE WILDI CO/FE - CACTIONS FAST ME TRETTED FOR .	See Cover
ENTE POR BOOK GE/FE PRACTICE OF COOK BOOK SPECIFIC SECURIC FOLLOWS WITHIN BOOK STATE OF SPECIFIC FOLLOWS WITHIN SECURITY APPLICANTS WITH A PROCESS SECTION SECURITY APPLICANTS WITH A PROCESS SECTION SECTION SECURITY APPLICANTS WITH A PROCESS SECTION SECTI	D and terms
SECURE ALL BATA ON PORTO PROVIDED (1759 7) IN THIS ECONOTY.	Ø ≪ID
(CENTROLE WITH E-E MILES)	- Servicios
E. IF SIT SEVACE CATE DISDOCATE APPLICANT (FIGUREY & SECURIARY INDUSTRY), RESPECTOR OF THE TYPE OF DISDOCACE CACCE OF CAS SEASON TO DELIVE THAT ANY POLLUTANT LISTED IN TABLE IIA AND IVA PAGES WELLS IS DISDOCATED FROM MY SUTTALL THE GLOW HATNING DATA THE REPORT OF THE PROPERTY OF THE PR	M an anical soles asset
RECORD ALL BATA ON PORPE PROVISED (1784 7) IN THIS BEDICET.	PRESENT/SATA IS ATTROOPS
FLANDE FOR THE POLLUTANT BLINE RELEGAT ONE PROVIDE ON AVAILABLE DEATH OF THE POLLUTANTS LIFTED IN	S EST APPLICABLE DELITYD ASSORT
MECONO ALL DATA ON PORTE PROVIDED (170M 7) IN THIS BODILLY.	PRESIDENTA IS ATTACHED
6. AL BUT ACT CATED DISCORDE SPRICANTS (PRINCEY AND DECORDARY INDUSTRIES)	
AND THE DESCRIPTION OF STANDARD MALVICE CALEBATION RECEIVED OR	A sou secricion per land sessou
CALIDATED WITH CHAIT ON FORCE PROVISED (1787) IN THIS BOOKER.	REMOTE IS ATTROOP
S. IF THE CLAYACE WATER DISCHARGE APPLICANT CODE OF MAI READIN TO BELIEVE THAT BIOLOGICA, TOLICITY TESTS WERE RADE IN THE LAST TWIZE (3) VEAS ON AST OF THE SPECIANT S DISCHARGES ON ON A CECETY IN THAT IN RELATION TO A DISCHARGE PROPERTY.	D or which
This importation as an attached to this application to a discusse proper	O MAINEN MINOR
E. IF A COTTRACT LABORATORY OF COCULTING FIRM PROPERTY OF THE ANDARON COLUMN TO THE AND AND AND ADDRESS OF CAPITAL AND AND AND ADDRESS OF CAPITAL AND AND AND ADDRESS OF CAPITAL AND AND ADDRESS OF CAPITAL AN	T WI WILLIAM
THE ANNUALS PROPORTED AS ON ATTROOPEDIT OF THUS APPLICATION.	Manuson mass
L. SO VOL DISCORDE ANY STREET TORIS OR ISLANDED DOUGH CARSTONESS SOT LISTED SH	M or onion
L SO YOU DISCOURCE ANY STACK TORIC OR INLARINGS POPULAR CLEATANCES NOT LISTED IN TABLES TY MAKE I AND THE THEOLOGY OF PARCES IN THE TENENT THE TENENT THE COMMITTEE OF THE COMMI	M ANDREWS STREET

BEE INSTRUCTIONS ON REVERSE SIDE

TEM TEM TIME		WAL WED	(0, 1, 1)		
		2. marion II, may 6	(DECT DESCRIPTION OF SHICK EFFORTION THIS DATA DEET SECRETORS.) 2. ELECTRIC DESCRIPTION (PAGE 5) ELECTRIC DELECTRIC DE SANACE SATE DISCRIPT (PAGE 5)		
idovs IANCES R	8.	LIST BOY EXITIES, MYTERIAL (TABLE IV PASE S) MY ASSESSED PROBLEM TO BE SELECTED BY MY REASON BY MY REASON FOR MY REASON BY	IN OUT ION II ITEM & SHOULT SEE SEE ST. SEE SEE SEE SEE SEE SEE SEE SEE SEE SE		
	4	A. THE OF CRITICAL PRINCIPLA OF PRINCIPLY POLLEGIST			
	-	B. GASTAGE CONCENTRATION BAPPLE TYPE, 0 OF BOOLVERS	CALL CONT. CONT. CONT. AME. I GO CONTAINS		
	8	E. CONTRACTOR CONCENTRATION AND FRAME	WIT WIT CO		
		A. 1898 O CRITICAL SATRILA SI RIGHT ROLLINGT			
	1000	B. ANT O EDECOMETICAL SEPTE THE FOR ASSESSED	CHILL SIT GOT GOT WAS TO SOUND		
	3	C. POLINE COCONTACTION NO PAGE	Will Cas Will Cas		
6003	H	A. MOTE OF CRITICAL PATRICLE OF PRICATTY POLLUTION			
20/0 20/1		D. ANDREE EXCEPTRATION EMPLE TYPE, P OF COMMITTEE	LILL BIYES CALMS OF CALMS		
88/DAY		C. MONIFICA CONCENTRATION AND HALLS			
		A. 1998 OF CHITICAL PHIRALES ON PRICASTY ROLLINGON			
		B. ANSWER CONCOMPATION BAPAS TYPES & CO MORNEY	MIT COM COM THE SECURE		
		C. RESIDEN CONCORMATION NO MASS	SHIT COL		
YYZX	1	A. DIE OF CRITICAL PATORICA OR PRISOTRY FOLLARDS			
0.00		B. AFRICA COCEMBATION WHAT WAS FOR ASSETTED	BELLA CTA COMONT AND ON COMPANIES		
		G. MAIPLA CONTENTATION AND AND	Call Call Call Call Call Call Call Call		
	8	4 MED SITIES WYDLS DI SIGIN FOLLIGHT			
	0	B. ANDRE COCOMMATICAL EMPLE THE ! OF CHANGE	The state of the s		
	2	C. PENISON CINCENTRATION AND INSIS			
		A. DE G BITISH WIBIA B RIBITY PLICET			
4		B. GREATE CHESTRATION SAFE WIRL & STANSON	LILI. LI JOHN COS COMPLETOS DO ANALYCIS		
	8	C. PRIMITA EDISSITATION AND VALID			
	4	A. WE O CITICA WILL OF PRICITY FRANCE			
	20	D. ANDRE COMMITTEN SAPL THE FOR MALVES	LA LI LA SINGE LONG WAR DO ASSURED		
	3	C. RUFEN EDECTATION ED RES	SHIVE CONT.		

adition, and o' his figh? At atticad for the soil o' he cater. Mittall and a right follows scaled to a specific.

NUMBER

MI 0037028

SEE INSTRUCTIONS ON REVERSE SIDE

	T	DITALL NUMER	(0, 1, 2)		
ITEM	Г	A. NAME OF PROCESS CONTRIBUTING TO THE DISCHARGE THEOLOGY THIS CUTTALL MED SIC COME	(N,O,N,E		
3	1	S. PROCESS SO-EDLE (VENEY AVENUE)	HOURS/DAY LL DAYS/YEAR LLL		
PROCESS STREAMS CONTRIBUTING YO	seadone	C. PROCESS MUSTINATER PLOY BATE	BAILY PRINTERS		
BUTTALL		D. PROCESS PRODUCTION BATE	TIPE TIPE		
	Г	A. NAME OF PROCESS CONTRIBUTING TO THE SIBOHARDE THROUGH THIS OUTFALL AND SIC COPE			
		S. PROCESS SCIEDLE (VEALY AVENUE)	HOUSE/BAY LLL BAYS/YEAR LLLL		
AMITE CODE	морева	C. PROTESS INSTRUMENT PLOY BATE	BATLY MAKIMAN		
2 GALLONS		D. PROCESS PRODUCTION BATE	TIME TIME		
WARDS	Г	A. NAME OF PROCESS CONTRIBUTING TO THE DISCHARGE THROUGH THIS QUITALL AND SIC CODE			
4 TONS	1	B. PROCESS BOYEDLE (YEARLY AVENUE)	HOURS/DAY LL DAYS/YEAR LLL		
7 600	Progess	C. PROCESS WASTEDWITEN PLON NATE	TOTAL YEARLY BATLY MINIMUM BATLY MAXIMUM CONTINUES CONTINUES		
TIME		D. PROCESS PRODUCTION BATE	WITE THE		
1 HOUR		A. NAME OF PROCESS CONTRIBUTION TO THE DISCHARGE			
S MEEK		B. PROCESS SCHEDLE (VEARLY AVERAC.)	HOUSE/DAY LL DEVENTERS LLL		
4 MONTH 8 VEAR	PROCESS	C. PROCESS MATTER FLOW BATE	TOTAL VEARLY LINET LINET CODE BATLY PRINTED!		
		D. PROCESS PRODUCTION MATE	UNITS TIME		
		A. MANE OF PROCESS CONTRIBUTING TO THE DISCHARE THEOLOGY THIS OUTFALL AND BIC CODE			
		S. PROCESS SO-EDILE (VEALY ANDVISE)	HOUSE/SAY LL SAYS/YEAR LLL		
	esadous	C. PROCESS MATERIATED PLOW MATE	SOULY FORMAN LILL LILL LILL LILL LILL LILL LILL LI		
		D. PROCESS PRODUCTION BATE	BASELY ROUGHER		

	SEI	E IN	151	RUC	TI	ONS
4	ON	RE	VE	RSE	S	DE

	OTTAL RIPER		The state of the state of	10,10		
ITEM 4	A. IS he DISCHARGE FROM THIS CAMPAL BIRECTED TO	he state o		0	፟፟፟፟ ፠፠	
	OF THE REPORT OF THE PROPERTY	AND THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER.	ICIDA GIS Pos	0 ~	0 *	
SIBCHARGE SOCIAMATICA	C. SEE VOL STAGTING AN EXCEPTION FROM RESILITING AND EXCEPTION FROM RESILITING AND EXCEPTION FROM RESILITING FOR THE PARTY OF THE PARTY	S A PHYDROGRADO ICAL EPOCH LOSS SATE PONITORIOS (PROJECTORIO PET 27 GAZOS. IF YES ATTACH YOUR SICOCOME TRANS GRALIFY PE		0 **	0.	
	D. SEE YOU RECLETING A VANISHED PROPERTY BY BOUND BOOKERS COPY IS INC. PART 20 COLORD BOOKERS AS RECEIVED TO MAJOR SO. 2210 (PAGE 8)	O (PAGE (5) (EXPERIMANATION) STOP BALCS? IF YES, STRAIN BE POR A WESTAND IN TERPS OF THE O THE PART 22 BALCS.			0*	
	E. LIFT ALL CAPTICAL BIDSTANCES WHICH ARE TH RUDII LANGE (S) WOLVER U.S. EPA'S POLICITY PELLITAM LE WILD SE CHARLES TO THE RESIDENCE BILLION TO THE RESIDENCE BILLION OF REPORTED TO PACILITY. SET LANGE THE FIRST SPELLION CONCERNA SECTION II IN THIS BOOKET.	ATTOM AND RECORD ALL BATA IN IT		D NOT ASPLICABLE/BELIEVED AUGUST		
	A. DISCORDE CHARTER ISTICS	A COURAL		DED STIAL	P ANN YES B	4 TA
ITEM		NP T. ABBI	PEU			6262
5	SOR (LINE BAL DISCOGNICAT GLASH SEAMS)	<u> </u>				
EXPECTED	"TOC (TOTAL GREANIC CARROLL)	<u> </u>				
CHARAC-	"GO CA) MEDICAL IN ALICEPA	· · · · · · · · · · · · · · · · · · ·	<u> </u>	س ب	س	
TERRITES	STAL ELEPTICED BOLIDA	ىب.سى	<u> </u>	ى ب		_
1907 171.19J	TOTAL DISPUTAGE (AS P)	سا سا	ب، ب	ى ب	ىئ	_
9 M9/1	TOTAL DESIBUAL DALDERING	سا،سا	<u> </u>	ى ب		_
3 COUNTS / 800 ml	SI SEEL VED GEMES AN	ىب.ىب		ىل ب		u
4 8.U.	₩ Ш.Ш		· · · ·	ىف		
Q F88/844	MAL OR INSPI ENCYCLA			ى ب		_
	Providence (aurea)	الللا ، لللا	سا، سا	ىك		L
	CHARLES (CINDA)	·-		L		
	-	B. STACK WATTER TO COMM	A TO LIST RES			
	**************************************					u
<u> </u>						-
9 CAAS						
COMPOSITE		·····				اسا
				Contract Contract		

TOURS MENT OF SER SOUTH SATE SECTION

SECTION II

PERMIT__________M10037028

IT	EM
	FIA
	6

SEE INSTRUCTIONS ON REVERSE SIDE

PRIORITY
POLLUTANTS
AND
ADDITIONAL
MPORMATION
FOR
SURFACE
WETER
MISCHARGE
CHELY

w	TRAL NUMER	ويايك
PEZ	POLIDHING REDUESTED INFORMATION SHALL BE AZDRESSED BY ALL SURFACE MATER DISCHARGES. R! NEW LISE DISCHARGES SHALL PROVIDE EXPECTED VALUES FOR THE QUANTITATIVE AND ALITATIVE INFORMATION NEGLECTED BELOW.	
٨.	IS THIS FACILITY A PRIMARY INCLETER? (REFER TO TABLE IA PAGE 41)	N □ 8
۵.	INDICATE TYPE OF PRIMARY INDUSTRY AS LISTED IN TABLE IA PAGE \$1.	S, T,E,AM , E,L,E,C,P,P
C.	CIF NO. SO TO E) (IF YES, SE TO D)	
۵.	INDICATE MINION SCIAS FRACTIONS MART BE TESTED FOR.	☐ vourius
	BATH POR EACH SCANS PRACTION DECORD, EACH SPECIFIC ORGANIC TOXIC POLLUTANT WITHIN EACH PRACTION MUST BE ANALYZED FOR (SEE TABLE 11A PAGE 10. IN ADDITION, ALL PRIMARY INCUSTRY APPLICANTS WITH A PROCESS MASTEMATER DISOMAGE TOXIC PROVIDE GUARTITATIVE BATA POR EACH TOXIC POLLUTANT IN TABLE 111A PAGE 11.	MASE/HEUTRIL
	RECORD ALL BATA ON PORTS PROVIDED (1:2N 7) IN THIS BOOKLET.	☐ KID
	(CONTINUE WITH E-R BOLOW)	PESTICIDE
4.	IF ANY SURFACE WATER DISOURCE APPLICANT (PRIMARY OR SECONDARY POLITICITY), REGARDLESS OF THE TYPE OF DISOURCE, DOING OR HAS REASON TO BELIEVE THAT ANY POLLUTANT LISTED IN TABLE 11A AND IVA PAGES 12-43 IS DISOURGED FROM ANY OUTFALL THE GLANT STATE BATA BASES AN PROVIDED.	NOT APPLICABLE/BOLIEVED ASSENT
	RECORD ALL DATA ON PORTS PROVIDED (1781 7) IN THIS SCORLET.	MESENT/DATA IS ATTACHED
•.	IF MY SURFACE WATER DISCHARGE APPLICANT (PRIMARY OR SECONDARY INDUSTRY), RECARDLESS OF THRE OF DISCHARGE WORS OR MAS REASON TO BELIEVE MY POLLUTANTS LISTED IN TABLE VA PARE 43 ARE DISCHARGE PROF MY OUTFALL THE APPLICANT MEET DESCRIBE REASONS POR THE POLLUTANT BEING PRESENT AND PROVIDE MY AVAILABLE GUNTITATIVE DATA.	NOT APPLICABLE SELIEND ASSET
	RECORD ALL BATA ON PORME PROVIDED (1784 7) IN THIS BODICLET.	PRESENT/DATA IS ATTACHED
•	ALL SUPPACE WATER DISONAGE APPLICANTS (PRIMARY AND SECREDARY INCLETRIES) WEST ON NUMERACTURES 2 & 5 - TRICH, DRON-BURNY ACETIC ACID (2, & 5-T); LOCAL STRICK CONTROL PROPAGOIC ACID (SILVEX, 2, 4, 5, TP); LOCAL STRICK CONTROL CONTROL PROPAGOIC TOWNER (BROWL); Q. DEDITETIVE C. L. STRICK CONTROL PROSPONDINI (ACID (SINULL); Z. M. STRICK CONTROL (TCP); ON HOMOLOGOPHER (HCP); ULL DATA FOR THE ABOUT MUST BE GORDLATED USING STANDARD ANALYTICAL CALIBRATION PROCEDURES) OR	NOT APPLICABLE/BELIEVED ABSORT
	MONT OR HAS REASON TO BELIEVE THAT TYDE IS OR MAY BE PRESENT IN THEIR DISCHARGE. MIST REPORT GALITATIVE DATA, SENERATED MICH USED A SCREENING PROPERTURE NOT CALIBRATED WITH AMALYTICAL STAYDARDS, POR Z. 5, 7, 8 - TETRADOLORGOISENED - DICKIN (TCCD). RECORD ALL DATA ON FORMS PROVIDED (1TBH 7) IN THIS SCORLET.	PRESENT/BATA IS ATTACHED
J.	IF THE BURFACE HATER DISCHARGE APPLICANT INCHES OR HAS REASON TO BELIEVE THAT	NOT APPLICABLE
	APPLICANT'S DISONAGES OR ON A RECEIVING MATER IN RELATION TO A DISONAGE, PROVIDE THIS INFORMATION AS AN ATTACHENT TO THIS APPLICATION.	MALICIALE/SEE ATTACKED
L	IF A CONTRACT LABORATORY OF CONSULTING FIRM PERFORMED ANY OF THE ANLAYSES REQUIRED BY THIS APPLICATION. PROVIDE THE NAME AND ACCRESS OF EACH LABORATORY OR FIRM AND THE AVALYSES PERFORMED AS AN ATTACHEMY OF THIS APPLICATION.	MATICIONE MATICIONE
L	SO YOU DISCOURGE ANY OTHER TOKIC OR INJURIALE DEPLICAL SUBSTANCES NOT LISTED BY TABLES IV PAGE & AND 11A THROUGH WA PAGES \$2.00. IF YES, THEN EDEPTIFY THE DEPLICAL SUBSTANCES AND ESTIMATE THE FINAL EFFLUENT CONCENTRATIONS. SUB-IT THES INFORMATION AS AN ATTACHMENT TO THIS APPLICATION.	FOR APPLICABLE ATTACOED

SEE INSTRUCTIONS ON REVERSE SIDE

	(VITAL IUED	لابليور		
ITEM 7	A.	LES THIS DATA POST TO RESIDE EXCEPTION AS CHANGE IN:	COLUMN DE TO THE WILL		
AOTHURAL AOTE CALENT	State of the state		med a <u>many et tiele</u> med a <u>many et tiele</u>		
SECURS	8.	LIST ANY CRITICAL PATERIAL (TABLE IN PAGE 6) TOT ASSESSED FOLLMANTS THICK YOU GO OF HAVE REASON IN COLLEGE TO BE OF BEYORK BURE OF THIS PAGE FOR THE PARTIES DIRECTIONS.	IN SECTION IS THE A RELEASE.	Contract (se letter)	
	4	A. HAR OF CRITICAL PRINCIPLA OF PRINCIPLY POLLUTERY			
	2-	B. ANGRESS CONCERNATION SAVES TYPE I SE ANALYSIS		UNIT SIZE BANK TIME OF MINUTES.	
	2	C. MAXIMUM CONCOMMATION COO FORES		URIT COM	
	a	A. HOPE OF CRITICAL CATERIAL ON PRISOTTY POLLUTION			
	200	D. AND EDISTRATION SAPE PART & C. SATURES		Tall the man was no section.	
	3	C. HAIRM EDIZOTATION NO MUS		Lent ext	
1002 MINN	4	A. MA'S OF CATTICAL MATERIAL OR PRIORITY POLLINGS			
9 Mg/1		B. OMERGE GECOMMATION DAVIS TWEE P OF MILEYES	ILLI.LL	MILCON SMALE WAS 3 IN WATCHES	
B ABS/BAY B RB/DAY	8	C. PARPUR SECONDATION AND PASS		ANTE WITE	
	8	A. WE S STITICAL PRISTIAL OF PRICRITY PRALIFICATI		111111	
	-	B. ANTHAN SHEETHATICH, BAPLE TWAT, B CT AND THE	1,111.111	July Car Back Line 10 actives	
		C. PARISON EXCEPTION AND PROS		DUIT COSE	
STPULTIPE I GRAD		A. NOTE OF STRIKE PATRICE OF PRICEITY POLITICAL			
2 31 60 COM		B. ANDARE EXCORPATION BAPLE THREE P OF MALTES	1111.111	THE CAN THE SA THE AGE	
		C. PRINCE CONTRACTION AND PAGE		and con the state of the state	
	8	a mas a church whom a wich lather			
	9	B. MEAS COCHRATION EARLS THEN S & MARKS	Litter	Telling government to worke	
		C. PRIDER COMMITTEN AND FIRE	La. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	SHIT CHILL	
	8	A. BIR G CHIKAL PATRILA CA PAGRITY RALVAGI			
		B. AND SECONDITION IN PLE THE I SEE MALVES		White man we to write	
	28	C. PARTON CONTRACTION AND FREE	بدر.سا	Self Car Living	
		6. DE FOITE STOLL DE MORT SAURET			
	Sales Control	D. MONE ENGINEETING MARS THE DE MINES	Jean Line	Sur ex Service 10 extres	
	8	C. PRUTEUM CONCOMPATION AND PROS	LLLI.LL	SIT COLL SOLL SOLL SOLL SOLL SOLL SOLL SOLL	

ADMINISTRATION OF THE THE THE STATE OF THE BUTTON OF THE BUTTON.

	OUTFAL RIPER	0.1.3	
ITEM	A. LICATION OF DIROCHER SING & LA	LINE SCHOOL ISLL. TON LILE	SI, ANG LLIAUS
	A. WAS OF GEORINIES WATER (IE. SECURIATED OF MARKE OF BLOCKE	SIDIKITINI ILIAIRIDID	Nilli
DECKURE	C. SO ASSUMED AS ESCAPEDANTAL	The state of the s	⊠ ∞
LOCATION	D. OF VELL LIST DISDEASE POLICES	60. / DAY	10. / DAY
PLOW STATEMENT			<u> </u>
MAYE			
TYPI COSI	C. WE APLICATION DUTE	IN./AR. IR./DAY	
OCCUPACY	P. THE OF INSTRUCTION DISCOURSE	DOUTION ASTRONOMY OF THE CO	
1 CONCOURAGE	6. DISCHARE EDERLE (VEALY AVERAGE)	12 4 MAN	کیلی م
occusion of the control of the contr	N. SIEDWACE PLOT RATE		Sua WZ
S GANTARY			
O CHOMANAGORA ANNI COM		CALLY REVIEWS 1 1 1 1	7.5 2
9 000V	I. THE MAXIMUM DISCHARGE PLEM RATE TO BE AUTHORIZED IN FEMILE.	and the second section of the second section is the second section of the second section of the second section of	75 4
8 M60 3 GP0	J. RAXINGA CESIEN DISCHARGE PLON BATE.		75
	A. ED YOU USE EATER TREATMENT ANDITIVES TO TREAT YOUR DISCONAIG?	O ves	X.
ITEM 2 WHER TREATMENT ACOMINGS	S. S. FLACTICO, MC OPPINAL COPOSITION		PAGUS
SATIS SCORE 1 Mig/1 2 Mig/1	C. HERE AND ADDRESS OF PHOLPACTURESS		
	B. BOSKTED DIRDANE GOGGERATION OF ADDITINGS.	Major M. B. Marce	LATTS PEXIMEN BAITS
	KOITIVA KAR		
	COLLING COSE		
	CONTINUE CONTROL		
	E. SO YOU TRANT THE DISCOVER TO RECORD REDITING!		
	P. WAT 10 THE COMME SPECIES SO DISCOME PROMETED		DESCRIPTION OF
	CONTINUES		SS./DAY BAYE/AR.
	DITTE BES		
	See Defenda		
	6. AS ON ATTACHENT TO THIS APPLICATION PROVIDE CHEFTIC WOOLLING	IN ON AGAITIC VOXIONATION DATA OF BEFORE S	HON ESS AND LOSS AND

PROCESS PRODUCTION BATE

PROCESS PRODUCTION BATE

PROCESS SOCIALE (YEARLY MENUE)

PROCESS HARTBATTER PLOY BATE

INVE OF PROCESS CONTRIBUTING TO THE BUSCHARES THROUGH THUS GUTFALL AND SIC CODE

BAILY MAXIMUM

HOUSE PAY

BAILT MERIPAN BAILT MERIPAN DAYS/YEAR

WUT CODE

SECTION II

PERMIT NUMBER

M10037028

SEE INSTRUCTIONS ON REVERSE SIDE

	THE RESIDENCE OF THE PARTY OF T	CONTRACTOR AND ADDRESS OF THE PROPERTY OF THE PERSONS ASSESSED.		
	OWENT WALK		رقرارق	
TEM 4	A. IS THE DISCOURCE FROM THIS OWN ALL DIRECTED TO	ne secre o	□ ves 🗵 🖘	
	8. HAS A HYDROGEOLOGICAL STUDY OF 178 COUTVALDY COMMENT HYDROGEOLOGICAL INFORMATION AVAILABLE COMMENT OF PART 22 COUNTY OF BLEES OF ALBUS THIS OXISTING OF PROPOSED DISCORDED OF THE	ADD PROPERTY OF 11 THE STREET OF 12 THE	. 0. 0.	
CHACHARES CHROMATER	C. ARE YOU COURT ING AN EXPERIENT FROM BURNITTING A HARMONIA SIZE. SEPART MASS. BLE B. T.S. 220 (0) (ARE M) OF PROM CROADANTE STRITTERING SERVICEMENTS OFFICE ON A E T. S.S. 22E (S) (ARE M) OF THE PART 2 THES. IF "YES ATTACH SOCIETY ON DEPARTMENT TO DEPOSITATE THAT YOU DIVIDING MALEY FOR		. 🗅 🗠 🗋 👓	
	D. ASE VOLDENGETING A WARRY PEN BALL 23.2 THE WITH SILENAGE COPHISSION PART 22 STOCKS SECREPAN AS RECISED TO DEPOCHATE THE SEC CRITERIA SPECIFIED IN BALL 23.200 PAGE 52			
	L. LIST ALL CONICAL SESTANCE WHICH ASE IS RUCHISM'S CRITICAL MATCHALS RESISTED TABLE IN CALL S) LOCAL U.S. DA'S PRICEITY PULLUTANT LIST TABLE Y (PAGE 2) OR ANY OTHER SESTANCES ENICH ASE OF MAY SECRET MALEIGES TO THE SESSON TO THE SESTANCES OF THE SESTANCES OF THE SESTANCES OF THE SESTANCES OF THE SESSON TO THE SESTANCES OF THE SESSON THE SESTANCES OF THE SESTANCES OF THE SESTANCES OF THE SESSON THE S		D ROT APPLICABLE PRODUCTION OF THE 7	
22 22 2	A DISCOURSE OWNERS STREETICS	T GEOTATIO	WITH COOR & ANNUARY SHOULD	
ITEM	A BIEDOW GREATBILDING	ave .	ex ex	
5	SEES (FINE DAY BIODOMICAL OMEN BE-000)	LAD LIL LAD	٠٠٠٠ ١٠ ١٠٠٠ ٢	
	,000 (OSHICY BURD BOND)	لقب سب سفا		
ODTOTAL RETAMENTANCE	PROC (TOTAL OSCANIC CARGO)	<u> </u>		
CHARAC-	"APPRINIA RITHICORDI (AS IX)	LIO. LOB LILO		
TERRITICS	FINA REPOSED SOLIS	<u> </u>	ب سا شا سا	
THE COOL	THAL ROBROWN (AS P)	LLIVILLI LLL	······································	
2 U9/1	TOTAL RESIDUAL OCURING	LLI.LLI LLL	ب سا شاسا.	
S COUNTS /	DISSOLVED GARGER MIN		······································	
4 8.U. 6 °P	w LLBI. LQI	8_	ال الله الله الله الله الله الله الله ا	
6 188/MAY	FREAL ESTIMON BACKERIA		ب سال سیا	
	PROPERTY (REPORT)	<u> </u>	ال الله ال	
	SECTION SECURITION	<u></u>		
		S. STAGE INSTITUTE CONNECTED STATES		
	LOILIFIE BIRIEIA BIEL	UBB. LL LIND		
RATTAR	LOUS GLANNIE O INI	الما سائن المال	ا كا كا الكاداد	
S CRAS		LIIIII LII	······································	
8 M MOUR COMPORT			نا لنا لا لنا ا	
		LLI.LLI LLI		
			ب سال للك	
		<u> </u>	······································	

OTENT WASTE

ITEM

PRICETTY
SOLLUTIANTS
AND
ASOTTISMAL
SPORMATISM
POR
GURANCE
TESTER
DESCRIPTION
GRANT

900 100 0.10	PRIMARIE REPLETED IN STATION AND AN ADDRESSED BY ALL REPORT MATER DISCOURAGES. LITATIVE INCOMATION REQUESTED BELOW.	
۵.	IS THIS PACILITY A PRIMARY INCESTED? (REPORT TO VASUE SA PARE SE)	⊠ res □ so
B.	INDICATE TYPE OF PRIMARY INCLUSTRY AS LISTED IN TABLE IN PAGE 81.	IS OF LEIAUM, LEILLEUR R.
g.	THE DIE OFFICE DISCOURSE CONTAIN AND PROCEED CONTRAINED!	
2.	REDICATE WHICH SCARS PRACTICES REST BE TESTED FOR. (SETS TO TABLE IA PARE SI) ESTE POR LOAD SCARS PRACTICES COURSE SAND SPECIFIC SECURIC TOXIC POLLUTANT STRAIN LOAD PRACTICE SETS BE ANALYZED FOR (SEE TABLE IIA PARE SC., IN ADDITION, ALL PRIMERY INSUSTRY APPLICANTS WITH A PROCESS MASTROATER DISCUSSE SETS PROVIDE GARNITATIVE DATA POR GARN TOXIC FOLLUTANT IN TABLE IIIA PARE SI).	C series
	(CONTINE WITH THE ECON)	_ remote
8.	IP SET GEFACT WITH DISCURSE SPACEON (FRIMAN OR GEOGRAP INDETTY), GENERALIZED OF THE TYPE OF DISCUSSE, GOOD OR HAS EXASTED TO BELLEVE THAT BY POLLYANT LISTED IN TALL I IA AND IVA PAGES SCALE IS DISCUSSED FROM BY SUFFALL THE GENT STATING DATA SEE SE PROVISIO.	M a anostano an
	BOSO ALL DATA ON FROM ROWARD (1704 7) IN THIS EXCELT.	PRESENT/EATA IS ATTACKED
P.	IP ANY BUTACE HATER BISCHART APRICANT (PRIMATY OR EXCODERY INCLUTRY), RELATIONS OF TYPE OF DISCHARIL BODG OF HAS REASON TO BELIEVE ANY POLICIANT LISTED IN TABLE VA PARE & ARE DISCHARID FROM ANY GUTTALL THE APRICANT BUT EXCEPTIVE GRACUS FOR THE POLICIANT BEING PRESENT AND FROVISE ANY AVAILABLE GRANTITATIVE BATA.	D a minima and
	SECOND ALL DATA ON PORTS FRONTING (1704 7) IN THIS DOORLET.	PRODUTATA IS ATTACO
6.	ALL RAPACE INTER BILLOWSE APPLICANTS (PRIMARY NO EXCOUNT HOUSETRIES) EXTERNAL PROPERTY 2 & 5 - TRIOLOGOPHOCH ACTIS (CID (2 & 5-1)); FOR A 5-TRIOLOGOPHOCH) PROPAGIC ACID (SILVE), 2 & 5, TR); FOR ACTURE OF THE TRIOLOGOPHOCH (SILVE), 3 & 5, TR); FOR ACTURE OF THE TRIOLOGOPHOCH (COMPANIES) (CID (2 & 5-1)); LA 5-TRIOLOGOPHOCH (TO); CA HOLOGOPHOCH (COMPANIES) (CID (2 & 5-1)); LA 5-TRIOLOGOPHOCH (TO); CA HOLOGOPHOCH (CO); (ALL BATA FOR THE BOOM PAST MAST ME BOOM PAST ME	A su surrententes esseu
	CALL PARTED WITH ANALYTICAL STANDARDS, FOR Z 3, 7, 8, 8 TO READ TO THE PROCESSION OF	PRESCRIPATA IS ATTACED
۵.	If the Busines hater discovers applicant excess or has exact to believe that biglical to the true in the last party (3) trans on any of the applicant is discovers. Providing the property of a discovers. Providing the property of a discovers. Providing the property of the application.	MINION MINION
2	If a software laboratory of social time fight forecasts and the salarest southon for this explication. From the size and application.	Z mienija mod
٠	TO YOU DISCUSS! ANY OTHER TEXTS OF TRANSPORT OF THE DESTRUCTS BY LISTED OF TABLES IV MAS I AND THE THREE OF THE OFFICE SECONTRATIONS. BUSINESS MASSESSED TO WIS SPECIAL SECONTRATIONS. BUSINESS MASSESSED TO WIS SPECIALISM.	

NUMBER - 10037028

	WITHUL NUEDS	.0.0.	10.0,2	
ITEM	A. LOCATION OF DISLOGRACE LN. H. L. L.	LUNU & SECTION 1211, TON L	6151, RWGE LLOIE	
	8. WIT O' RECEIVING WATER (BE. MICHONATER OF WHE O' SAVAGE	SWANICREEK	On the control of the	
DOSCHAROS	C. SO YOU DISCOULE WAS COLLY!		(X) to	
LOCATION .	8. IF YEL LIST DISCOURT PERIODS	10. / DAY	10. / DAY	
EDEDAL		, »	ب ب	
FLOW				
DATE CASTECUTOR		Mana		
THE COOL	8. Lad aprication mar	IN./SR. PR./CAY		
COOLEAS	P. YATE OF WASTOMY AND DIRECTORS	IS LI HISTORIUM		
NOWCOMPACT	B. DISCHARGE CONTRACT (VERNEY BATHASE)	COURT LOS DAY	ma LBD	
PHOCESS	M. BIEDERES PLEY BAYE		عدورك المات	
BYOGENSOTER	Based on 30" rain/yr		ن میں	
AMERICO OR	Based on 3" daily max. rainfall		رق رق فرورورا	
8 0000 4 000A	1. The particular discusses from gate to be authorized in Perait.	[AVM 601 200 1 1 3 6 1	1,0,0,0, 413	
3 620	J. MUNIMAN DESIGN DISCHARES PLON BATE.	OES18H L 1 St 61	LOLOLOL LAIT COM	
	A. 50 YOU LEE WATER TRLAMENT ADDITIVES TO TREAT YOUR DISCOURS?		X).	
13 14 Sea Million				
TEM 2	B. WE PRETION AND DESIGN COPERITIES			
2	C. ROY AND ADDRESS OF RESPECTATIONS OF THESE ADDITIVES.			
2 VARATHENT ACOITIVES STITE COLL 1 Mo/1	C. REPE AND ADDRESS OF REPUBLINGS. OF THESE ARBITIVES.	FURINA UNITS AVENUE		
2 VARATHENT ACOITIVES STITE COLL 1 Mo/1	C. OWE AND ADDRESS OF REAL PAINTINGS.	EURIDA UNITS AVERAGE		
WATER VREATHENT ADDITIVES SITE COS	C. REPE AND ADDRESS OF REPUBLINGS. D' TREES ARDITIVES.	EURIDA UNITS AVERAGE		
2 VARATHENT ACOITIVES CHIE COL	C. COME AND ADDRESS OF REPARATIONS DE TREES ASDITIVES. D. COMETED DISCONACE EDECEMBRATION OF ARDITIVES. ARDITIVE GROWN	FURIOR UNITS AVOIDE		
2 VARATHENT ACOITIVES STITE COLL 1 Mo/1	C. ONE AND ADDRESS OF PROPERTIES. DE TREES ADDITIVES. D. EVERTED DISCOURCE EXCENTRATION OF ADDITIVES. ADDITIVE CASE ADDITIVE CASE	FURINA UNITS AVERAGE		
2 VARATHENT ACOITIVES STITE COLL 1 Mo/1	C. RESE AND ADDRESS OF REPORTIONS D. EVENTED DISCONCE EXECUTATION OF ADDITIVES. ADDITIVE CASE ADDITIVE CASE ADDITIVE CASE	FURIOR UNITS AVOIDE		
2 VAREATMENT ADDITIVES	C. REVE AND ADDRESS OF REPORTIVES. D. CREATED DISCOULD EXECUTABLE OF ADDITIVES. ADDITIVE RATE ADDI	FURINA UNITS AVERAGE	COLUMN CO	
2 VARATHENT ACOITIVES CHIE COL	C. SEVE AND ADDRESS OF PARTICULAR SECURITIVES. D. CREATED DISCOURCE EXECUTANTION OF ADDITIVES. ADDITIVE SEXE ADDITIVE SEXE C. DO YOU THAT THE DISCOURCE TO SECURE ADDITIVE? P. WAT IS THE SECURE STEEREY AND DISCOURCE TREATMENT?	FURIFIE CANTE AVOICE	GILLS PARTIES ON THE STATE OF T	

	OTHER BUSES		(0.0.2)
ITEM		A. WE OF FRIESS COMMISSING TO THE DISCOURSE	L. N. Q N. E.
PROCESS STREAMS CONTRECTION	Sea Long	B. PISCASS BOSENAS AVERNO	MENERS/PRIV LLJ PRIVA/VENIR LLJ
		C. PRIES METDATES PLANES	CALLY RURINGER CLITTING
COTTALL			BALLY FRANKS LA
SUCCESANCE		D. PROCESS PRODUCTION DATE	
		A. HAVE OF PROCESS CONTRIBUTING TO THE DISCOURSE	
		B. PROSESS SOCIALI (YEARLY AVERAGE)	sneedow LL gaveless LLL
WHITE CONE		C. PROCESS PASTICATION PLAN BATE	BAILY RUSHRAN LILL LILL LI
3 GALLONS		D. PRODESS PRODUCTION DATE	Ball (Line)
VARDS		A. NEWS OF PROCESS CONTRIBUTING TO THE DISCHARGE	
8 MOY	Baadom)	D. PRIZES COMPLE (VEXALV AVENUE)	HELDERON LLL DAVERRON LLL
9 800		G. FREEDS COSTOCATO PLOS CATE	SOLVE ASSOCIA FTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT
		D. PETERS PECULTION MATE	COLLA MONOMINA
1 11010			
8 DW	2000	THE CONTRACT WE SEE THE BISCORNE	
a meek		B. PROSES SOSTALE (YARLY AVOICE)	POLITICAL LILLI
8 VGAR		6. ASSESS BATTERING PLCH BATT	CALLY MINIOR LILL LILL LILL LILL LILL LILL LILL L
		P. FREEZE FREEZETION DATE	Maria / Inst
		A. ENT & POTTES OF TRIBUTIES TO THE DISSUMBLE TRIBUTION THIS BUTT LAND BIC GOT	
		B. MOODS SOCIAL (YEAR) ACROS)	SCUER/DAY LI DAYR/YRAN LI
		C. The chart real	DIE TORY LILLING DE CONTROL
			ENURSE LILLILLI RESERVE
		D. PROCES PRODUCTION BATE	BALLY POUGHAM
	1		A SALAS SALAS

ON REVI	ERSE SIDE	图 医异类双角性 经间接 医多种病				
	OTFALL NUMBER			ر٥،٥،٤٠		
ITEM 4	A. IS THE DISCHARGE FROM THIS OUTFALL DIRECTED TO	O THE BROWN CA]ves 🛛 10		
	B. WAS A HYDROGEOLOGICAL STLEY ON ITS SQUIVALING COMMENT HYDROGEOLOGICAL INFORMATION AVAILABLE COMMISSION PART ZZ SPOLNOMATER RALES OF ALGUS THIS EXISTING ON PROPOSED BISOMAGE? IF YES	MEN PERFORMED OR IS THOSE SUFFICIENT AS PEOULES BY THE MATER RESOURCES TO THE 1987 H. 323. ZZO (PAGE 16) POR ATTROCK A COPY OF THE REPORT.) rs		
DISCHARGE	C. ME VOU RECESTING AN EXPETITOR PRON BURNITTI RALE 8. 323. 2207 (10) (PAGE 86) OF PRON BROWN UNCON BALE 8. 323. 2208 (5) (PAGE 87) OF THE P EXCHAPATE AND EXPLANATION TO EXPONENTATE THAT AN EXPETITION.	NG A HYDROGERUGGICAL REPORT UNCON DIATES PRINTERING BERUINSPERTS ANT Z RALES. 17 YES ATTACH YOUR DISCHASE HOLD BUALIFY FOR	C	l-s 🗆		
	D. ME VOU REDLETTING A VARIANCE PROVIDED TO SOLD THE WATER RESOURCES COMPLISSION PART Z GROUD BOOMENTS AS NECESSARY TO DEPOSITANT THE MEE CRITERIA SPECIFIED IN RALE X3.ZZZZ (PAGE Y] res			
	E. LIST ALL DONICAL BLESTANCES WHICH ARE IN PLON UNION DE DI MOVER U.S. UPA'S PRICRITY POLLUTANT I WHICH ARE OR MAY BECOPE BALARICUS TO THE BESIN PARLIC HEALTH THAT ARE DISCHARGE OR EXPECTED T FACILITY. ESTUMATE THE FINAL EFFLICHT CONCENT SECTION II IN THIS MODILET.	IGAN'S CRITICAL MATERIALS REGISTER TABLE IN LIST TABLE V (PAGE 7) OR MAY STHER SUBSTANCE MATER LISES OF THE OFFICIAL PARTY OR TO THE TO BE DISCORDED TO THE OFFICIAL PARTY THIS MATION AND RECORD ALL DATA IN ITEM 7 OF		LICALE/BOLIEVED ABSENT		
	THE APPLICANT MAY BE REQUIRED TO BO ASDITIONAL		MESON.	BATA PROVIDED IN ITTE	'	
	A. DISCHARE CHARTERISTICS	CONCENTRATION		UNITS CEER IS MALTEES	COOK	
ITEM	"MOLE. (FINE DAY ALCOHOMICAL GAMEN DENNE)	NIOT HIRD LICE	2010 103 (C) (C)	ىب س	u	
5	"OE (DENICA STREET SENIO)		سب.	ىب س	u	
EXPECTED	TOC (TOTAL ORGANIC CARRON)		سب. ب	<u> </u>	u	
CHARAC-	*EPONIA MITRIGEN (AS M)	سا سا سـ	ىلىل.	س س	u	
TERISTICS	*WIAL SUPPOSED SOLIDS	سا سا،ست	ىب.	ىن س	u	
UNITE CODE	SOTAL PHOSPHORUS (AS P)	ساسسس	ىىن، د	ىب س	u	
1 Mg/I 2 Ug/I	TOTAL RESIDUAL CALCAINE	ساسا،س	سب.	س س	u	
3 COUNTS/	DISSOLVED SWIGEN MIN	ш.ш.ш	سسا، ب	س س	_	
4 S.U.	₩ Ш.Ш	<u> </u>	اسا ، لــا	• •	u	
& LBS/DAY	FECAL COLIFORM SACTERIA	ب بیب		ىس ك	·	
	*TOPERATURE (SUPER)	<u> </u>	٠. ١	ك س	_	
	"IDPENTURE (HINTER)		٠. ب	ے س	_	
	B. OTHER HASTEMATER CHARACTER ISTICS					
	(0,1,1,8,6,8,1,4,5,1,		سسا،	···	u	
SAMPLE		······································	·	Luu	u	
1 GRAS		······	لللا،د		u	
2 34 HOUR COMPOSITE		············	سس، ب		_	
		· · · · · · · · · · · · · · · · · · ·	سسا، ب			
					ب	

THERUISED INFORMATION FOR SUFFICE WATER DISCHARES.

ITEM

OTHER WISE	(0.0.2)
THE POLICY REPORTED INFORMATION SAME DE ADDRESSED BY ALL BURNAST HAVEN DISCONDERS. STILL! REVISE DISCONDERS SAME PROVINCE LOSECTED VALUES FOR THE QUANTITATIVE AND CALITATIVE INFORMATION REQUESTED BELOW.	
A. IS THIS PACILITY A PRUMARY INCLUSION? CASPED TO PAGE IA PART (1)	⊠ ns □ ∞
B. MOICATE TYPE OF PAIL . INDUSTRY AS LISTED IN TACLE SA PARE SI	SIT , BAM , BLECPP
C. SCIS THIS CUTTALL DIRECTORIS COTTAIN ANY PROCESS WESTERATER? (IF NO. 80 TO E) (IF YES, SO TO B)	
B. HOICATE WHICH BE/TH PRACTICUS PLAT ME TESTO POR.	- SATILE
FORE! PER BACH SEATH PRACTICAL DECEMBLE AND EXCEPTE CREATER TOTAL PART WITHIN TWO PRACTICAL REST OF MALVED POR (SEE YALL I LA PROSE IC., IN ADDITION, ALL PRIFERRY INDUSTRY APPLICANTS WITH A PROCESS WAS TRATED DISONAGE TEXT PROVIDE QUANTITATIVE DATA POR EACH TOXIC POLLUTINI IN TABLE IIIA PARE (L).	C) exected the control of the contro
SECRED ALL DATA ON PORTS FROVIDED (1764 7) IN THIS SCORLET.	
COMINE NIP T-E REDI	Faricie
B. IF MY BUTAGE SATTO DISCUSSE APPLIES A (PRINCE OF EXCOUNT HOLETAY), BEACLES OF THE TWY OF DISCUSSE APPLIES OF M A ROUGH OF BELIEVE THAT ANY FOLLUTION LISTED BY TABLE IIA MO TWO PASSES APPLIES BY MY CUTTALL THE GLANT HATING BATA THESE PROVIDED.	O OT OPLOADING ASOT
RECORD ALL DATA ON PROPE PROVISION (1784 7) IN THIS RESOLUT.	PRESONT/CATA 18 ATTACKS
o. If an surece water disource applican (rinks is element induction), recognise of the disource, from or his reason to believe an polltrante listed in take as part 41 are discussed the an entert the applicant help become	M 100 100 100 100 100 100 100 100 100 10
RECORD ALL DATA ON FORMS PROVIDED (1784 7) IN THUS ECONUM.	MESOFI/DATA IS ATTROOPS
ALL SUPPLE WITH DISCUSSE APPLICANTS (MINNEY AND ESCOPERY INCLETS): NOTE OF PRINCIPLES & 4. S TRIDLESCOPECON ACETIC ACID (2. 4. S-1); P.C. 4. S. TRIDLESCOPECON) PROMOTIC ACID (SILVE), 2. 4. S., TD); P.DINETINIL O LO. 4. S. TRIDLESCOPECON) PROMOTICATE (SECON); Q. P. TRIDLESCOPICE (TD); CH. REJUCTIONE (MD); (ALL BATA POR THE ACOVE PLET BE GOODATED USING STANSARD ANALYTICAL CALISMATICAL PROCESSARDS) CR	S a winter person was
Down or has reason to believe that from its or hay be freden in their disponent. Their report realitative data sederated heliculus a screening procedure not calibrated with analytical standards, for 2.3, 7.5, - tetracalogolisocopy-dioxin (teds). He can all bata on forms frovided (item 7) in this secords.	PRESON/DATA IS ATTROOPD
J. If the real water discourse explicant does of the ready to believe that biological traits were have in the last these (3) year on any of the applicant's discourses of on a receiving water in relation to a discourse provide this information as an attraction to this application.	Description whose
EL IF A COMPACT LASCATORY OF COSULTING FIRM POCOPOD ANY OF THE ARCAYSES REQUIRED BY THIS APPLICATION. PROVIDE THE MOSE AND ADCRESS OF RADI LASCATORY OR FIRM AND THE ARCAYSES REQUIRED BY ANALYSES POUTONED AS AN ATTACHMENT OF THIS APPLICATION.	MINISTER MINOR
L. 80 YOU DISCURED ANY STACK OF INALIGIES DOUGH, BUSTONED ANY LISTED AN TOLISTO AN INALIGIES DOUGH, BUSTONED ANY LISTED AND STACK OF THE STACK OF THE STATE AND ESTIMATE THE PINEL BYTHEM CONTINUES. BUSHING MISS AND STACK OF THE SPACETION.	M 107 APPLICATE ATTACK)

ADITION, MODE OF THIS ITEM ? ARE ATTACKED FOR THE EXET OF THE CHITICAL MATERIALS AND/ON PRESENT POLICEMENT THE SERVICE TO BE STORTED.

PRINCIPLE ENCORMANTON AND PARE

PAYENA COCOMMINION AS PASS

ASSET CHECKMINE WALL THE FOR MUNICIPALITY

WILL OF

AS AN ATTACHENT TO THIS AFFICATION PEOPLE ETELPTE NAME OF ABUATIC PROJECTION OF THE PARTY OF THE PARTY OF THE PROJECT FOR BACH ADITINE.

1

S COMP

DUOWIN TO DO

BEL. ACCU

. .

S. SO YOU TREAT THE DISCOURSE TO SOCIAL ADDITIONS

P. THE IS THE REPORT OF RELEASE AND DESCRIPTION OF THE PARTY OF THE PA

SEE INST	RS	E SIDE	NUMBER
		NITALL NUMBER	LO ₁ O ₁ 3 ₃
ITEM	seadous	A. NAME OF PROCESS CONTRIBUTING TO THE BISCHARGE THROUGH THIS CUTTALL AND SIC CEDE	LI IN I CINIEL I I I I I I I I I I I I I I I I I I
3		S. PROCESS SO-EDULE (YEARLY AVENUE)	HOURS/DAY LL DAYS/VYAR LLL
PROCESS STREAMS CONTRIBUTING TO		. MOCESS WATDATER PLOY BATE	BASLY MUNIMUM
DISCHARGE		B. PROCESS PRODUCTION BATE	UNITS 71PE
		A. NAME OF PROCESS CONTRIBUTING TO THE DISCHARGE THROUGH THIS OUTFALL AND SIC OTTE	
		B. PROCESS SOUTHLE (YEARLY AVENUE)	HOUSEN DAYS/YEAR
SWITS CODE	PROCESS	C. PROCESS INSTIDUTED PLOY MITE	SAILY MINIMUM
2 GALLONS		D. PROCESS PRODUCTION BATE	SHTS TIME
S CUBIC WARDS		A. NAVE OF PROCESS CONTRIBUTING TO THE DISCHARGE THROUGH THIS OUTFALL AND SIC CODE	
4 TONS	SES!	B. PROCESS SCHEDLE (YEARLY AVENUE)	HOURS/DAY LL DAYS/YEAR L.
MGD 7 GPD		C. PROCESS WASTEWATER FLOW MATE	TOTAL YEARLY LILL LILL LILL LILL LILL LILL LILL L
		D. PROCESS PRUJUCTION NATE	Units Ting
HOUR		A. NAME OF PROCESS CONTRIBUTING TO THE DISCHAGE	
MEEK		B. PROCESS BONDALE (YEARLY AVENUE)	HOURS/DAY LL DAYS/YEAR LL L
WONTH	SESS	C. PROCESS MASTERATER FLOW BATE	TOTAL YEARLY LINE OF THE PROPERTY LINE OF THE PROPE
			BAILY MINIMAN
		D. PROCESS PRODUCTION BATE	BATLY MAXIMAN UNITS TIME
		A. NIME OF PROCESS CONTRIBUTING TO THE DISCHARE THROUGH THIS BUTFALL AND SIC CEDE	
		B. PHOCES SOUTHALL AND SIC CODE	
	PROCESS F	C. PROCESS HUSTBATER PLOY BATE	TOTAL YEARLY BATLY REMINER

D. PROCESS PRODUCTION MATE

BULY MUSICA

THER COAS

SOMPORTS

TERRIED INTERNATION FOR DATES BATTER BIRDSHALES.

0,1, L,8,6,8,5,A,8,E,

____.

		CONTRACTOR OF THE PARTY OF THE
	WAT INSIX	رورورع
982	E POLIDHING REDUETED INFORMATION SHALL BE ADDRESSED BY ALL BAFACE WATER DISCHARGES. TE! NEW USE DISCHARGERS SHALL PROVIDE EXPECTED VALUES FOR THE BURNITIATIVE AND MALITATIVE INFORMATION REDUESTED BELOW.	
-	(IF NO, SO TO E) (IF YES, SO TO B)	⊠ 155 □ 160
	(CONTINUE WITH C.)	LSI TIEIA IMI EILIEIC P
C.	EDES THIS OUTFALL DISCHARGE CONTAIN ANY PROCESS MASTEMATER?	□ +c. ⊠ +c
-		T WATILE
	EDT! FOR EACH OC/MS PRACTION DECIDE. EACH SPECIFIC ORGANIC TOXIC POLLIFANT WITHIN EACH PRACTION MIST BE ANALYZED FOR (SEE TABLE 11A PAGE 12, IN ADDITION, ALL PRIMARY INCLISTRY APPLICANTS WITH A PROCESS MASTEMATER DISCHAGE TEST PROVIDE GUARTITATIVE BATA FOR EACH TOXIC POLLUTANT IN TABLE 111A PAGE 13).	BASE/NEUTRAL
	RECORD ALL BATA ON PORPS PROVIDED (1984 7) IN THIS BOOKLET.	2
	COMMINE WITH 8-K BELOW)	PESTICIDE
1	IF ANY SURFACE WATER DISCOURGE APPLICANT (PRIMARY OR SECONDARY INDLETERY), REGARDLESS OF THE TYPE OF DISCOURGE, SPONG OR HAS REASON TO BELIEVE THAT ANY POLLUTANT LISTED IN TABLE 11A AND IVA PAGES 12-43 18 DISCOURGED PROVINCE OUTFALL THE QUARTITATIVE DATA BAST BE PROVIDED.	NOT APPLICABLE/BOLIEMED ASSETT
	RECORD ALL DATA ON PORTS PROVIDED (17EM 7) IN THIS BOOKLET.	PRESENT/DATA IS ATTACHED
1	IF ANY SURFACE WATER DISCURGE APPLICANT (MINARY OR SECONDARY INDUSTRY), SECANDLESS OF TYPE OF DISCURSEL INCOME OR HAS REASON TO BELIEVE ANY POLLUTANTS LIST DE IN TABLE VA PAGE #5 ARE DISCURSED FROM OUTTALL THE APPLICANT SAET DESCRIBE REASONS FOR THE POLLUTANT BEING PRESENT AND PROVIDE ANY AVAILABLE SUMMITTATIVE DATA.	NOT APPLICABLE/BELIEVED ASSEM
	RECORD ALL DATE ON FORMS PROVIDED (1784 7) IN THIS BOOKLET.	PRESENT/DATA IS ATTACHED
•	ALL SUPPACE HATER DISCHARGE APPLICANTS (PRIMARY AND SECONDARY INDLETRIES)	
	LEES OR PRIMERATURES 2 & 5 - TRIDEDROPHEDOXY ACETIC ACID (2, & 5-T); 1(2, 4), FTRIDEDROPHEDOXY PROPARDIC ACID (SILVE), 2, 4, 5, 70); 2-(2, 4), FTRIDEDROPHEDOXY ETHAL 2, 2-DIDEDROPHEDOXTE (BERON); 0, 1)-DIMETHAL D'(2, 4), FTRIDEDROPHEDAL) PROSHORETHIDATE (BORON); 0, 2, 4), FTRIDEDROPHEDLE (TO); OR HEXADELEROPHED (HES); (ALL BATA HOR THE ABOVE PLET DE GENERATED USING STANDARD ANALYTICAL CALIBRATION PROCEDURES) OR	NOT WALLOWITY DETICATED WISELL
	MOUS OF HAS REASON TO BELIEVE THAT TODO IS OF MAY BE PRESENT IN THEIR DISCHARGE. PAST REPORT QUALITATIVE DATA, GENERATED INJUGUED A SCREENING PROCEDURE NOT CALIBRATED WITH ANALYTICAL STANDARDS, FOR Z. 3, 7, 8 TETRADALORGOIBERGO-P-DICKIN (TODO). RECORD ALL DATA ON FORMS PROVIDED (1TEN 7) IN THIS BOOKLET.	PRESDIT/DATA 18 ATTACKS
3.	IF THE BURFACE NATER DISCHARGE APPLICANT IDENS OR HAS REASON TO BELIEVE THAT BIOLOGICAL TOXICITY TESTS HOLD MADE IN THE LAST THREE (3) YEARS ON MY OF THE APPLICANT'S DISCHARGES OR ON A RECEIVING MATER IN RELATION TO A DISCHARGE PROVIDE	V NOT APPLICABLE
1	THIS INFORMATION AS AN ATTACHENT TO THIS APPLICATION.	MALICIALE/SEE ATTACED
-	IF A CONTRACT LABORATORY OR CONSULTING FIRM PERFORMED MY OF THE MALAYSES REQUIRED BY THIS APPLICATION. PROVIDE THE NAME AND ADDRESS OF EACH LABORATORY OR FIRM AND	NO. WATTOORT
	THE MULTELS POPONED AS AN ATTROPPORT OF THIS APPLICATION.	MALICIALE/SE ATTROED
T	SO YOU DISCHARGE ANY OTHER TOKIC OR INLARID'S DENICAL BASTANCES NOT LISTED SN TABLES IV PAGE & A'D LIA THROUGH MA PAGES	V IST APLICALE

	NATUL LEATIN	,0,0,3,
a.	WE THIS DATA SHEET TO RECORD INFORMATION AS REQUIRED IN:	CORCE APPROPRIATE BOX FOR WHICH INFORMATION THIS DATA BERT GERM MAIN
	2. section 11, 1704 &	C. SOLADATE RESOURCE PARTIES (SASS S)
6	2. service 11. mm 6.	BIGHT FOLLEWIS IN BURKE WITH DIRECTOR (MC ST)
		MIDIAL (1911 IV) IN BURGE WATER DISCUSSED (AND ID)
		"我们是不是一个人,我们们们是一个人,我们们们是一个人,我们们们们们们们们们们们们们们们们们们们们们们们们们们们们们们们们们们们们
8.	Liet an exitical patental (table in pace 6) and addressed follutants which you and so have beauth to extreme to be a sense. It is not to be a sense to be a	N SECTION 11 FIRST & PRIORITY ST APPLICABLE
	RAPISE SIDE OF THIS PAGE FOR TAPINGS DIRECTIONS.	The second (second)
	A. WE D STITICAL PATOLIAL OF PATOLITY FOLLOWS	
	and the second of the second o	SALL COST SAPPLY FIRE S C COST
10.	D. ANDWER EDICEMENTION SHOULT THREE & CO MINEROL	I had believed by
	C. FRUITMAN CONCONTRATION AND PARE	
	A. 1897 OF CRITICAL MATERIAL OR PRICEITY POLLARST	LANT COME SERVICE SERV
1	B. ANTANE COCCUMATION; SAPAL PAPE; F CP ANNAVESS	
	C. PAXIPUA CONCENTRATION AND WES	LULL WITCH LULL
1	A. IN G CHICA MICHAL OF PRICE POLITICAL	
	B. ANDRAG EDICENTRATION BUTPLE TWO: F OF MULTERS	LLI.LIJ WITCH LAND THE STORES
200	C. PRINTER SOCIETATION AND PASS	
38.8	A. WE O GRITICAL MITERIAL OF PRIORITY POLUTANT	
	B. AMERAGE CONCERTRATION SAMPLE TYPE: D OF MULTERS	LILL BATT CLE BAPT WAS DO BOX
1	6. PARITURA CONCENTRATION AND MASS	NIT SEE
100	A. WE ST CATTICA PATRIAL OF PRICEITY POLLTANT	
	B. ANOWE EXCEPTATION; EASILE THREE FOR MINEYED	SHIT CES SHOULD THOSE OF CHANGE
	C. MULTUM CONCOMMATION AND INSES	SHIP CON LAND.
100	a ene o chica misha ch mishiy falman	
	B. AVOICE CONCOMMATION SAMPLE TIME: FOR COLUMN	Company to any
3	C. MURCH COCOMATION NO INS	GNITCH
	A. MAR OF GATICAL PATOLIAL OR PRICEITY FOLLOWS	
1	D. MOVE CHOMATION STALL THE ! O' SELVED	LILL WITCH SOUL IN FORM
3	C. PRUPAN EXCENTATION NO PRES	SOITY COM
8	A. BEE O' CHTICA PATCHA O PRICHTY FOLLIAM	
60	B. ANDREE CONCERNATION SAFELY WILL SEE ASSESSED	SALL SON THE PART OF SALL SALL SALL SALL SALL SALL SALL SAL
100		

adition, and of his its 7 me attach as he est of he article matrices as/or misting following beliefs to be except.

AS AN ATTACHEM TO THIS APPLICATION PROVIDE EMELLIS OF ASSAULT TO ASSAULT TO RECEIVE BATA OF REPUBLIC WHICH ARE GASILABLE AND EMERATION OF THE RATE OF RESIDENCE OF THE PRODUCT HER BACK CENTRAL.

7

I amount

100

SEE AND

DUMPHISCL FREGUDE

E. SO YOU THAT DE DIEDWIE TO STOKE SOITNES!

ACTIVE COR

P. wat is de work dykingt an diward ander?

	n	TRALL NURED	1010141
ITEM		A. MATE OF PROCESS COMMISSING TO THE DISCOURSE	INLOUGE LA
3		B. PROCESS SOCIALE (YEAR V AVERAGE)	PATRICIAN S.L.J. PATRICIANS L.J.J.
PROCECE		E. PRIZES DISTORTER PLOY BATE	TOTAL TRACKY
CTREAMS CONTRIBUTING	1		SAILV SUNISIA
10			BAILY SAKIFAS
SCHOOLS S		B. FREEL FEDETION MIT	TIME TO THE
		WESTERN WITE COLLECT WAS DIE COLLECTED OF BISCHARES	
		S. PRODUS SOCIALS (VERS.V SVENSS)	KORMAN LLI DAYAMAN LLII
		C. PRINCE DESTRUCTOR PLOS DATE	SOTAL VEREN LAND LAND LAND LAND LAND LAND LAND LAN
	1		
1 POUMBS			DAILY MARINAN
8 GALLONS 8 GUBIE		D. PRICES PRODUCTION DATE	Sur Tire
SARAS	20.504	A. NAME C' PROCESS COMMISSITING TO THE DISCOURCE	
4 70m8 6 M67		B. PROSES SOCIAL (YEARY EVENING)	DAYS/SAY LL DAYS/YEAR LLL
6 M60 7 A00		C. PROCESS SENTENTED PLOY SATE	SOTAL SEASON
			BAILY RININA LLLLLLLLLLLLLLLLLLLLLLLLLLLLLLLLLL
			BAILY MARIES
71009		B. PROCESS PRODUCTION BATE	Party Street
NOUR ROUR		A. BATE OF PECCESS CONTRIBUTION TO THE BISCHOOL	
9 WEER		B. FRIESS SOUTH (VEARY AVOICE)	NOTES PORT I I MAYER PROPERTY I I I
a month s vear		C. FESTER HASTDATES PLOS MITE	TOTAL STARRY LA
	18		SAILY RIGHERA
			DALLY METHOD
		D. PRIME PROMETION BATE	CONTROL OF THE
		A. MOST OF PROCESS CONTRIBUTION TO THE DISCUSSION THEIR CUTTALL AND SIC CITY	
		B. PRODES SOCIAL (VEARLY RANGE)	CONSTRAIN LA SANSTAGAS LA LA
		C. POURS HUTBETD RO MIT	THE REAL PROPERTY AND ADDRESS OF THE PARTY ADDRESS OF THE PARTY AND ADD
	-		BALL MICHAEL LAND LAND AND MICHAEL LAND LAND LAND LAND LAND LAND LAND LAN
		网络沙拉亚拉拉亚亚拉拉拉拉斯	Contra designation
		S. FRESES PRODUCTION DATE	9075 TIPE

ON REV	ERSE SIDE			
	QUIFALL NUTBER		0,0	, 4,
ITEM	A. IS THE DISCHARGE FROM THIS OUTTAIL DIRECTED TO COMMENTERS? (IF NO, COMMENTER TO ITEM 5)	TO THE GROUPS CA		፟፠
Q CANDWATER	9. MAS A MYDROCED DETCAL STUDY OR STE SOUTH DATE OF THE SOUTH DATE OF THE SOUTH DETCAL STUDY OF STEEL	or the second of	. 🛛 🛪	0.
DISCHARGE SOORMATION	C. ME VOU COLUMN AND DOWN ON PERSON SERVITOR OF THE SERVITOR O	IN A PROPERTY OF THE PROPERTY OF THE PARTY O	. 0-	
	D. SEE TO: SOLETION A VARIABLE FROM BALL SO. THE WATER SELECTION OF DESIGN THAT 20 SECURITY TO SECURITY THE RESERVE SELECTION OF THE PROPERTY THE RESERVE SELECTION OF THE PROPERTY THE RESERVE SELECTION OF THE RESERVE SELE	ZZE (PARE S) (POCEPADATION) OF DIATTO RAIST IF VET, ATTACK RUCH TO POR A VERIANCE IN TERMS SF THE D OF THE PART ZE RAISS.		
	E. LIST ALL OSCICLA SUBSTANCES WHICH ASE BY PUO (PAGE S) AND OR U.S. DATE PRIORITY POLLUTION WHICH ARE OR PAY RECOVE INAURIOUS TO THE SESSION PAGE IS ALL THE THAT ARE SECONDED OR DEPORTED FACILITY. ESTIPATE THE FINAL OPPLIANT ODIODIT SETTION IS IN THIS SCIENCE.	HIGH S CRITICAL MATERIALS RESISTER TAS S IN LIST TABLE V (PAGE 2) OF ANY STHER EAL TANCES BATED LESS OF THE SCOULD ATTE OF TO THE TO BE SISCULATED TO THE SCOULD ATTEN OF THIS TRATION ASS SECTED ALL DATA ON FITST OF	D IO MICHAEL	airad area
	THE APPLICANT HAY BE REQUIRED TO BE ASSISTED.	L MASTE ASSESTED.	COMPANIE DATA PRO	ON LONGO IN 1970-7
	A. DISCUSSE OWAATTRISTICS	CO-CO-FRATION CO	UNITS CO	E D ANALYSIS SAPPLE T
ITEM	PEST (FINE BAY BIBOSHICAL ONNER DEPAND)	FOIL APPLLACA		
	30 (GOULGE OMEDI DENGO)	······································	س س	LU L
CAPACTED WATER	TOC (TOTAL ORGANIC CAMBON)	uu.uu uu	س سب	
CHARAC-	* APPORT (AS A)	للك للك للك	اللا لللا	<u> </u>
TERRITOR	STILL SE OF SELECT	LLI ·LLI LLI	ال سا،	· • •
1000 8711V	WIA ROSROAS (AS P)	سا سا سا	ال سا	
1 Mg/I 2 Ug/I	POTAL RESIDUAL CALORINE	LLLI-LLLI LLLI	س سا،	<u> </u>
3 COUNTS / 890 ma	DIESCLACO CEACEN NIN	سا سا سا	السانان	
& S.U.	₩ Ш.Ш		·	
& L88/DAY	PECAL COLIFORN BACTERIA		ك للل	
	"TOPPOUNE (BLEFER)	W.U W	. L L	- L
	CHEMIN) BUTACOSCI	LLI.L		
		D. STAGE BUTDATES OFFICER ISTED		
	(0,1,1,8,6,8,8,4,8,8,4	LU.LL LL	ا سا،	ا لنا ا
SAMPLE			·	
Type Topas		HU-LL LL		
2 SA KOUA COMPOSITE		LLI-LLI LL		
		LLU.LLU LLL		-
		<u> </u>	·	LL
		1 . 1		

M10037028

TELLIND REPORTION OF BUILD MYDE BLECKED.

ITEM 6

PRICATTY POLLUTANTS AM ACOPTIONAL RECORDANCE

FCA BLAVACE CONTRACTOR OF THE PARTY OF THE COOV

0.04
⋈ vsa
SITIEIAMI IEILIE CPIPI
I T WATER
C aver/source
L KID
O PO TIGUE
A MINTERING WIN
PRESENT/BATA IS ATTACOM
N EL WATICOTASTIMO WIDE
MESON/BATA IS ATTAGOD
A in whather we wan
PRESENT/BATA IS ATTACOM
(V) OT CHUCAUS
T MALICANIES ATTECOD
No summers
- MICELIES ATION
M sor societies

L	OUTFALL HUYER		,0,0,4,
	2. SECTION 11, 1784 6	COECK APPROPRIATE BOX FOR WHICE -E. SECURDATED DISCHARGE INFOR	NATION (MAR 55) E NATER DISCHAME (MAR 57)
1	. LIST ANY CRITICAL PATERIAL (TABLE IV PAGE 6) NOT ADDRESSED POLLUTARITS INICH YOU GROW OR HAVE REASON TO SELEVE TO BE PAREASE SIDE OF THIS PAGE FOR PUPPIER DIRECTIONS.	IN SECTION II ITHE A PRIORITY RESDIT IN THE DISCHARGE. SEE	MALICALE (SEE SELDI)
1	A. MANE OF CRITICAL PATERIAL OR PRICEITY POLLUTANT		
10	A MONCE CONCENTRATION SAFELE TYPE I OF MILES		UNIT CODE SAPPLE TYPE TO MAN YEL
1	C. MAXIMUM CONCENTRATION AND PARE		WIT COM
1	A. HIPE OF CRITICAL WITERIAL OR PF. DRITY POLLUTINIT		11111
1	S. AMERICE CONCENTRATION SAPPLE TIPE: 8 OF ANNLYSES	اللاء الللا	INIT COR WATE THE TO MICHE
3	C. MAXIMUM CONSENTRATION AND MASS		UNIT COOK
1	A. NA'E OF CRITICAL MATERIAL OR PRIORITY POLLUTANT		
1	B. AVENUE CONCENTRATION SAPPLE TYPE: F OF ANALYSES	144.44	UNIT CODE SAFETYEE S OF MALVES
3	C. MAXIMUM CONCENTRATION AND MASS	<u> </u>	
1	A. NAME OF CRITICAL MATERIAL OR PRIORITY POLLUTANT	I di taxanasan interes	
	3. AVENUE CONFEMENTION: SAPLE TYPE: 8 OF ANALYSES	<u> </u>	THIS CON THE TO MALVE
1	C. PAKING CONCENTRATION AND MASS	<u> </u>	WIT COOK
3	A. MANE OF CRITICAL MATERIAL OR PRIORITY POLLUTANT	Company Contracts	
-	S. AVENUE CONCENTRATION SAFELE TYPE F OF ANALYSIS	144.44	
-	C. MAXIMAN CONCENTRATION AND MASS		WIT COME
3	A. NIME OF CRITICAL PATERIAL OR PRICRITY POLLARANT		
-	B. AVENUE CONCENTRATION SAFE TYPE: F OF ANLYSES		WIT CODE SHOLE TIPE TO ANLYSE
	C. MALDAN CONCERNATION ME MASS	<u> </u>	wat cost
1	A. MHE OF GRITICAL HATERIAL OR PRIORITY POLLURANT	建 石 (
S.	B. MIDIAGE CONCENTRATIONS SAPLE TYPES F OF ANALYSES	111.11	
•	C. MAXIMUM CONCENTRATION AND MASS	<u> </u>	UIT CODE
1	A. HAVE OF CRITICAL PATERIAL OR PRIGRITY POLLUTARY		UNIT CODE SUPPLE THE TOP ANALYSE
-	B. AMENAGE CONCENTRATION SAPLE TYPES & OF ANALYSES	I be reduced to the second	
	C. MAXIPUM CONCENTRATION AND MASS	سر،سر	WIT COOK W

. BE ENSTRUCTIONS

	CUTTALL RUPSER	0,0	الم
ITEM	A. LECATION OF DIRECTORS LS. E. L.	LE & SETION 12.01. TON L	ALSI, RANG LOE
1	6. WHE S RECEIVING WITH LIE. BOUDATE S RIVE S BASES	QUARRINY LLAN	28,,,,,,,
OCCHARGE	C. D. AND DIROWER HANDSTALL		Z .
LOCATION	B. IF YOU LIST DISCOUNT PORTOR	PD. / BRY	90. / DAY
acatego.			
PLOW RATE		LL LL WA	
Wastewater Type Cook	E. LANS APPLICATION BATE	10./68.	Y In.As.
CONTACT	P. THE C VALTERATOR DISCOURSE	S. L. CASTRATER	
HONCONTACT	G. DISCOME EDERALE (NEALY ANDVOE)	hamin Libi	DAY/1909 [1610]
2001.00 2002.00	B. DIROCHAR PLCH BATTI		LALLE WILL
BANTARY STORMWATER		SALV PURIFUR LLLL	<u> </u>
UMILECOS		BAILY MAXIMA	8,000 3
4 MOY	1. THE PERIMEN DISCOURSE PLON PATE TO BE AUTHORIZED IN FEMALY.	MARRIED LLL	18,000, 413
2 MGD 2 OPO	J. MAXIMAN SESSION DISCORDE PLOY IN TE.	C(\$160)	18.000, 18.300
	A. SO YOU LEE MATER TREATMENT ASSISTIVES TO THEAT YOUR DISCOMENT?		X.
TEM 2	B. GREET, PLACTION, AND DEPOIL OF THE STREET ABOUT 1928.		
ANTE COOR	C. THE AND ADDRESS OF HAMPACTIFIEDS		
8 49V			
	D. SOZETE DISCONCE COCOMINATION O' ASSITTIVES.	Mailer Follog Washing	GITS PARPEA WITH
	D. EXEMPLE DECOME COMMING O ADITIVE.		GITS CORRECT COLUMN
		MIGHEN SHIPS, ANGLES	
	estina e-s		
	COLLIAS CAS		
	Solutions Solution See		
	CONTROL COR CONTROL COR E. DO YOU TREAT THE DISCHARGE TO SOOK CONTROL? 7. CORT IS THE COURSE DVICION ON DISCHARGE TOLDOR? CONTROL COR		
	CONTROL CORE CO		

	a	WAT KASS	(0,0,8)
ITEM		A. WAS CO PROCESS COMMISSING TO THE DISCUSSES	N.O.N.E.
3		B. PROCESS SOCRES (VEARLY AVERAGE)	DOWN LL DAYS/YEAR LL
PROCESS	- -	C. PRECIS PUTDATE PLATE	TOTAL TENSOR LILLIAND CONTRACTOR
STREAMS CONTRIBUTIONS			SALLY RUMINGS
70			BALLY GRANGE LAND LAND LAND LAND LAND LAND LAND LAND
CVITALLA CXXXXXXX		B. PROCESS PRODUCTION BATE	MITS TIPE
		A. NOTE OF PROCESS CONTRIBUTING TO THE BIRDONNESS	
		B. PROBLE COURSE (VENE V AVENUE)	HORNON LL BANKARA LLL
		C. PROCESS GESTERATED PLOY MITE	SOTA VIARY
	1		BAILY SIGNAGE LAND LAND LAND LAND LAND LAND LAND LAND
T POWIOS			BAILY SOUTIONS
8 GALLOWS 8 CUBIC		D. PRICIES PRODUCTION RATE	CITY ON THE
SORAY		A. NOTE OF PROCESS SOMMEDITIES TO THE DISCHARGE THROUGH THIS CUTTALL AND SIC COM	
8 MOA		B. FEDERS BOSTAR (YEARY AVENUE)	DATE OF THE CONTROL CO
8 MGD 8 GPB		C. PROCESS MASTREMENT PLON CATE	WIA WARY LILL LILL LILL LILL LILL LILL LILL LI
			MILV GIGINGS LILLIAN LI
			DAILY MORINGA
TIME		D. PROCESS PROJECTION BATE	الله الله الله الله الله الله الله الله
1 HOUR 2 DAY		A. REFE OF PROCESS COMPANIES TO THE DISCORDER	
S WEEK	_	D. POSES BOSDALI (YEAR Y AVDAGE)	NOURS/BAY LLJ DAYS/YDAR LJLJ
6 YEAR	3800-	C. PRESENS HOUTDATCH PLON BATE	POTAL VELOCALY
			CALLY RIGHER LILL LILL LI
	2		RAILY PROTICES LALLA LA
		B. PRODUS PROACTION BUTS	SAL CLINA
		A. GAVE OF PECESS CONTRIBUTIES TO THE DISCOURSE WHOLE THIS GUTTALL AND SIX OFFE	
		D. PREES SOCIALS (VALLEY AND AND	COURT LATE BUYEARD LATE
		C. PATERS HATDATTA PLOT CATE	WILL SERV LILLIAN SUIT SER
	E		BAILY STREET
			ENTRY COURSE LA
All the second second second second		I P. MILLES MODICATION BATE	LILL LAND STORY

SEE INS	TRUCTIONS ERSE SIDE	NUMBE	M 10	037028		
	OJTFALL NUMBER			00,	5	
ITEM	A. IS THE DISCHARGE FROM THIS CUTTALL DIRECTED TO	THE GROUPO OR		☐ res	⊠	
4 GROUNDWATER	B. HAS A HYDROGEOLOGICAL STLEY OR 175 EQUIVALENT COMMENT HYDROGEOLOGICAL INFORMATION AVAILABLE COMMISSION PART ZZ GROULONATER RALES OF ALGUST THIS EXISTING ON PROPOSED DISONAGE? IF YES		18 . 18 .	□ ×c	O*	
DISCHARGE	C. ME YOU REQUESTING AN EXEMPTION FROM SUBMITTING BALE R. 323. 2207 (LD) (PACE SE) OF FROM SHOWN UPSER BALE R. 323. 2228 (S) URGE SE) OF THE PASSOCIATION AND EXPLANATION TO EXPONENTIATE THAT AN EXEMPTION.	NG A HYDROGEOLOGICAL REPORT UNDER DIATOR MONITORING BEOLIFEMENTS ART ZZ RALES. IF YES ATTACH YOUR DISCHAGE HOLLD GUALIFY FOR		□ -	0*	
	D. ARE YOU REQUESTING A VARIANCE FROM BLE \$3.7. THE NATER RESOURCES COMMISSION PART 22 GROUND EXCHANGES AS RECESSARY TO DEPOSTRATE THE RECOMMENTAL SECURITIES OF THE RECOMMENTAL SECURITIE	205 (PAGE \$5) (NOMERONADATION) OF MATER RALES? IF YES, ATTACK BACK DEPOR A VARIANCE IN TERMS OF THE OF THE PART 22 RALES.		□ *s	□*	
	E. LIST ALL DEPLICAL SERTIANCES WHICH ARE TH MUCH (PMGE B) MEYOR U.S. EPA'S PRIORITY POLLUTANT L WHICH ARE OR MAY RECOVE TRUETIONS TO THE DESIGN PUBLIC MEALTH THAT ARE DISCHARGED OR EXPECTED TO PACILITY. ESTIMATE THE FINAL ETPLIENT CONCENTRAL SECTION II BY THIS SCORLET.		70	ESDIT, BATA MOV		,
	THE APPLICANT MAY BE REQUIRED TO BO ASDITIONAL MASTE ANALYSES.			UNITS CODE / MALYSES SUPLE		
ITEM	A. DISOWIGE OWALTERISTICS	ANI CONCENTRATIO	. wx			COCK
ITEM	"BODS (FINE DAY BIODOPHICAL OMBEN DEWIND)	NOT . LAPIPIL	I CIAIB ILE	_ u	ш	L
5	*000 (DENICAL DIVISEN DENICO)	السانسا	<u> </u>	<u> </u>	\mathbf{u}	_
EXPECTED WASTEWATER	TOC (TOTAL ORGANIC CARBON)	السا،سا	ـــا، ــــ	<u> </u>		_
CHARAC-	"APPONIA NITROGEN (AS N)	ا سا،سا	ـــا، ـــــ	ب ب		_
TERISTICS	TOTAL SUPPOSED SOLIDS	ا سا،سا	ىلى، بىل	س ب		_
UNITS CODE	TOTAL MOSMORIE (AS P)	ا سا سا	للا الله	ىك ب	<u> </u>	_
1 Mg/1 2 Ug/1	TOTAL RESIDUAL OLORINE	ا سا، سا	ىل، سى	<u> </u>		_
3 COUNTS/	DISSOLVED GRYGEN MIN	اللا اللا	ىلى، سى	ب ب		_
4 S.U.	٠ <u>ـــــــا</u> الـــــا		· · · ·	ى	ш	_
& LBS/DAY	PECAL COLIFORM SACTERIA	سس	سسس	ىك		_
	"TEPPENTURE (SUPER)	ا،س	ш. ш	ىك	ய	
	*TEPEDATURE (HINTER)			ىك		u
		B. OTHER HASTEMATER OWALC	TRISTICS	-		
	[0,1,1,8,6,8,E,A,5,E,_)	· · · · · · · · · · · · · · · · · · ·	لللا ، للل		ш	u
SAMPLE		اسا،سا	لللا ، للل	. .		L
1 GRAS	للللللللل	اللااللا	لللا ، للل	– –	—	u
2 34 HOUR		اسا،سا		- -		L
COMPOSITE		سا،سا	ىل. س	–		u
		اسا،سا	ىسا،سى	. .		u
			ىلا ، لىل		سا	\mathbf{u}

"MEQUIRED INFORMATION FOR SUFFACE WATER DISCHARGES.

NOT APPLICABLE

NOT APPLICABLE

WIT APPLICABLE

V

APPLICABLE/SEE ATTACED

APPLICABLE/SEE ATTACKED

APPLICABLE/SEE ATTACKED

IF THE SUFFACE NATER DISCHARGE APPLICANT BOOKS OR HAS REASON TO BELIEVE THAT BIOLOGICAL TOXICITY TESTS HOME MALE IN THE LAST THREE (3) YEARS ON ANY OF THE APPLICANT'S DISCHARGES OR ON A RECEIVING MATER IN RELATION TO A DISCHARGE, PROVIDE THIS INFORMATION AS AN ATTACHEM! TO THIS APPLICATION.

IF A CONTRACT LABORATORY OR CONSULTING FIRM PERFORMED MY OF THE ANLAYSES REQUIRED BY THIS APPLICATION. PROVIDE THE NAME AND ADDRESS OF EACH LABORATORY OR FIRM AND THE ANALYSES PERFORMED AS AN ATTACHMENT OF THIS APPLICATION.

BO YOU DISOMAGE ANY OTHER TOXIC OR INJURIOUS DEPUTCAL SUBSTANCES NOT LISTED IN TABLES IN PACE & AND TIA THROUGH WA PANES 10-13. IF YES, THEN IDENTIFY THE OPPORTUNITY AND ESTIMATE THE FINAL ESTIMENT CONCENTRATIONS. SUBMIT THIS INFORMATION AS AN ATTACHMENT TO THIS APPLICATION.

SEE INSTRUCTIONS ON REVERSE SIDE

		SALVIT INSEX		ماده
TEM TOTAL TOTAL TOTAL	A.	2. SECTION 11, 178% Č.	COECE APPROPRIATE SON FOR MAIN E. POULDATED DISCHARE REC P. DETTY ROLLITANTS ON SUPPA MITRIALS (TABLE IV) IN SUPPA	enter discourse (mas \$7)
2 ARDOUS 25 TANCES 2N 50 MARGE	8.	LIST ANY CRITICAL MATCRIAL (TABLE IV PAGE 6) NOT ABBRESSED I POLITIFIETS SHICH YOU INCO OR MAY REASON TO BELIEVE TO BE PR REVIOUS SEDE OF THIS PAGE FOR PUPMER DIRECTIONS.	N SECTION 11 178- F OR IGNITY ESDIT ON THE DISCHARGE. SEE	WALTERET (RE RETO!)
	7	A. MANE OF CRITICAL PRITCHIA CR PRICERTY FOLLOWS		
	SEATE PE	B. AMPROSE CO-COMMUTION SAMPLE TYPES & CF ANALYSIS		PAIL COOK MANY LAW AND AND ASSES
	3	C. MULTIMA EO CENTRATION AND MAES		WIT COOL LIVE WIT CO
	ig.	A. NAME OF CRITICAL WATERIAL OR PRIORITY POLLUTANT	440 1111040 1111040 11110 11110 11110 11110 11110	MIT COS MANUEL TO S. E.O. AND LIVES
	MAYER	B MEMOR CONCENTIATION SAMPLE TYPE, IF OF ANALYSES C MULTIUM CONCENTRATION ARE MASS		UNIT COOK BAPAS TWE S OF ANALYSES
TS CODE	3	A. MATE OF ORITICAL HATERIAL OF PRIORITY POLITIANS		11111
Me/I Ue/I 188/DAY	MEATY BOL	B AMERICA CONCENTRATION SAMPLE TYPE, P OF ANALYSES	ш.ш.	UNIT COLE BUT AND BIT OF BUT OF
KG/DAY	-	C. MALIPLE CONCENTRATION AND HASS	LLJ.LL	LU HAU. CHAU LU
	FRIAL	A. HAME OF CRITICAL MATERIAL OR PRIORITY POLLINARY B. AVERAGE CONCENTRATIO: SAMPLE TYPE, IF OF A 44 YESS		UNIT COOR SAMPLE THRE B CF ANALYSES
		C MAXITUM CONCENTRATION WE MASS		UNIT COOK ANY COE
WITH	7	A MANE OF ORITICAL PAPERIAL OF PRIORITY POLLUTANT		
GRAD HELCOLD	ET S	B AVERAGE CONCENTRATION, SAMPLE TYPE, IF OF ANALYSES		I WIT COM SHOW THE SO AND THE
	*	C. MAXIMUM CONCENTRATION AND MASS		UNIT COME LANGE COME
	TAL.	A. HAME OF CRITICAL MAYERIAL OF PRICRITY POLLUTANY		
		8. AVENUE CONCENTRATION, SAFELE TYPE, IF OF MALVES	111.111	THE SHAPE WE LE SHAPES
		C. MAXIMUM CONCID (TRATION AND MASS	LLLI.LL	
	A PER	A. NAME OF ORITICAL PATERIAL OR PRIORITY POLLUTANT		WIT COLE EMPLE THE BOT MALTECS
	THE STATE OF	B. AVENAGE CONCENTRATION, SAMPLE TYPE: # OF ANNLYSES E. MAKENUM CONCENTRATION END MASS		GRIT CON UNIT CON
		A. HAME OF ORITICAL MATERIAL OF MITORITY POLLUTANT		
	-	B. ANDRAGE CONCENTRATION BAMPLE TYPE: # OF ANALYSES		WIT OUR SHIPLE THE ST MILES
	3	C . HAX MUM CONCENTRATION AND MASS		MAIT COM

ACDITIONAL PACES OF THIS ITSH 7 ME ATTACHED FOR THE SECTION OF THE CRITICAL MATERIALS MOVER PRICEITY FOLLOWING REQUIRED TO BE REPORTED.

0 %

	OUTFALL NUMER		10,0,6	
TEM	A. LECATION OF DISCHARGE IN W. L. IN	IN F ECLION 15T	L. TON LIGIS	, RAGE LLOIE
•1	B. MAYE OF RECEIVING MATER LIE. GROUDWATER OF NAME OF SURFACE	LIAIKIEI IE	RULE	بالبابا
DISCHARGE	C. BO YOU DISCHARGE SEASONALLY!	A CONTRACTOR OF	7 453	⊠ w
LOCATION	D. IF YES, LIST DISCHAGE PERIODS	10. / DAY		NO. / DAY
soinu			J THOUGH	ىب ب
FLOW				
RATE		ш –		
ASTEWATER	E. LAND APPLICATION BATE	IN./HR.	MR./DAY	IN. /wx.
CONTACT	F. TYPE OF WATEHATER DISONAGE	1	CK LWASH	<u> </u>
COOLING	6. DISOWAGE SOETLLE (YEARLY AVENUE)	Wild property and the same		3,6,5
COOLING	H. DISCHAGE FLOW BATE	HOURS/DAY		
PROCESS	n. Discount Flori mile	J TOTAL YEARLY	25555	
TORMWITTER		DAILY MINIMA		ا ها
MGY	1. THE MAXIMUM DISCHARGE PLOW BATE TO BE AUTHORIZED IN PERMIT.	BAILY MAXIMUM		· 10 WIZCOM
MOD	J. MAXIMUM DESIGN DISCHARGE FLOW MATE.	AUTHOR (200)		INIT CORE
GPD	A. SO YOU USE NATER TREATHENT ADDITIVES TO TREAT YOUR DISCHARGE?	DESIGN	,	
ГЕМ	(IF NO, CONTINUE TO ITEM 3) 8. NAME, FUNCTION, AND OMENICAL COMPOSITION OF THESE ADDITIVES.	WE .	J YES	ENCTION
2 WATER SEATMENT DOITIVES				
TIS CODE	C. NAME AND ADDRESS OF HANDFACTURERS OF THESE ADDITIVES.			
Mg/I				
	D. EDFECTED DISCHARGE CONCENTRATION OF ASDITIVES.	MINIMUM UNITS	AVERAGE UNIT	S , MAXIMUM U
	D. EXPECTED DISCHARGE CONCENTRATION OF AUDITIVES. ADDITIVE NAME	J cox		
Mg/I L Mg/I		J cox		, ,
	ASDITIVE NAME	,	=======================================	, ,
	ASDITIVE NAME	,	=====================================	
	ASDITIVE NAME ASDITIVE NAME	,		
	ASDITIVE NAME ASDITIVE NAME ASDITIVE NAME E. BO YOU THEAT THE DISCHARGE TO REPOVE ASDITIVES? F. WAT IS THE REPOWL EFFICIENCY AND DISCHARGE PRESLECT?	,] ves	DISCHARL PRESENCE
	ASDITIVE NAME ASDITIVE NAME E. BO YOU TREAT THE DISCHARGE TO REPOVE ASDITIVES? F. WAT IS THE REPOWAL SPECIENCY MD DISCHARGE PRESENCY? ASDITIVE NAME	,] vis	DISCONNECT PROCESSORY 1685./BAY BAYS/100
	ASDITIVE NAME ASDITIVE NAME ASDITIVE NAME E. BO YOU THEAT THE DISCHARGE TO REPOVE ASDITIVES? F. WAT IS THE REPOWL EFFICIENCY AND DISCHARGE PRESLECT?	,] ves	DISCONSIL PRESUREX

HOURS/DAY

BAILY MINIMAN BAILY MARIMAN DAYS/YEAR

UNIT CODE

B. PROCESS SOUTHLE (YEARLY AMERICE)

PROCESS WATER PLOY MATE

PROCESS PRODUCTION BATE

SEE INS	TRUCTIONS ERSE SIDE				
	OUTFALL NUMBER			0.0.6	
ADUNDWATER DISCHARGE SECONATION	A. IS THE DISCHARGE FROM THIS CUTTALL DIRECTED T	TO THE GROUND OR		rs 🛛 🕳 ĸ	
	B. MAS A HYDROGEOLOGICAL STLEY OR ITS EDUTYALEM CURRENT HYDROGEOLOGICAL INFORMATION AVAILABLE COMMISSION PART Z GROUD-HATER RALES OF ALGUE THIS EXISTING OR PROPOSED DISOMAGE? IF YES	T BEEN PERFORMED ON IS THERE SUFFICIENT I AS REQUIRED BY THE MATER RESOLUCES IT 14, 1980 R. 323.2207 (PAGE 45) FOR ATTACH A COPY OF THE REPORT.	. 0,	. D*	
	C. ARE YOU REQUESTING AN EXPETION FROM SUBMITTE RALE R. \$23, 220; (LD) (FACE ME) OR FROM GROWN UNCER RALE R. \$23, 2208 (S) (FACE ME) OF THE P BOOMENTS AND EXPLANATION TO REPORTEMATE THAT	ING & HYDROGEOLOGICAL REPORT UNDER COUTER POINT TORING BEDUJAPPENTS PART ZZ RELES. SF "YES" ATTACH TYOUR DISCOMESE WOLLD REALIFY FOR	. 04	, D*	
	D. ANY YOU REDUESTING A VANIANCE PROHIBLE \$25.7 THE NATER RESOURCES COMMISSION PART 22 GROADE EXCLUDENTS AS NECESSARY TO DEPOSITIATE THE NEE ORITHRIA SPECIFIED IN RALE \$25.2210 (PAGE 1)	205 (PAGE (5) (ACHERGRADATION) GS DATER RALES? IF YEX, ATTACH SACH ED FOR A VARIANCE IN TERMS OF THE OF THE PART 22 BALES.	_ ws w		
	E. LIST ALL DEPLICAL SUBSTANCES WHICH ARE TH RUCH (PACE B) AND/OR U.S. EPA'S PRICETY POLLUTANT WHICH ARE OR MAY SECONE INLIFICUS TO THE SESSION PUBLIC HEALTH THAT ARE DISCHAGED OR EXPECTED FACILITY. ESTUMITE THE FINAL ETPLIENT CONCENTS SECTION 11 IN THIS SCONLET.	MOT APPLICABLE/BELIEVED ABSENT			
	THE APPLICANT MAY BE REQUIRED TO BO ASDITIONAL			TS CODE & MALYSES I	
ITEM	A. DISOMAGE OMACTERISTICS	ANE CONCOMMATION	Mu.		000
ITEM	"BODS (FINE DAY BIDDOMICAL OMGEN DEWIND)	NOT APPELICA	BUEL	u u	_
5	"COD (DEPUICAL ONTED)	ساسسس	ىلىل.	س س	\mathbf{L}
EXPECTED WASTEWATER	TOC (TOTAL ORGANIC CARBON)	سا سا سا	ىب. ر	س س	_
CHARAC-	PAPENIA NITROGEN (AS N)	ساساس	ىلىا، ل	4 —	_
TERISTICS	*TOTAL SUPPLIED SOLIDS	سا سا،س	سب.	ىب س	_
UNITE CODE	TOTAL PHOSPHORUS (AS P)	سا سا،سا	سا.	س س	_
1 Mg/1 2 Ug/1	TOTAL RESIDUAL OLORINE	ساساس	سب. ب	س س	
3 COUNTS/	DISSOLVED GAYGEN MIN	ساساس	لللاء ا	س س	_
48.4	٠, الل		ب. ب	س س	_
& LES DAY	FECAL COLIFORN BACTERIA	ب بيب	ىب	ت ت	_
	*TEPPENTURE (SUPER)	ш. и и	J. L J	س ك	_
	*TOPERATURE (HINTER)	· · · · · ·	٠. ب	ت س	_
		B. STIER MASTEMATER OMNACTER ISTICS			
	(0,1,1,8,6,8,8,4,8,8,	س ساس	ىبا،	س ب	_
SAMPLE		ساسساس	سب.		_
1 GRAS		سا،سا،س	سلسا،	<u> </u>	u
2 34 HOUR COMPOSITE		ساسسس	سس،		_
Composite		سا،سا،س	سسا.	<u> </u>	u
		ساسسس	سب.	س ب	u

"MEQUINED INFORMATION FOR SURFACE WATER DISCHARES.

SEE IN	STRUCTIONS NUMBER	M10037028
	OUTFALL NUMBER	0,0,6
ITEM	THE POLIDHING REDUESTED INFORMATION BUT AT ADDRESSED BY ALL BUT ACE WATER DISCHARGES	
•	A. IS THIS PACILITY A PRIMARY INCLUSTRY? (REFER TO TABLE IA PAGE 41)	⊠ 72 □ €
PRIORITY POLLUTANTS	B. INDICATE TYPE OF PRIMARY INCLETRY AS LISTED IN TABLE IA PAGE &1.	SITIE A MI IEIL I EICIPIP
AND	(IF NO, SO TO E) (IF YES, SO TO D)	□ vs ⊠ s
ADDITIONAL SECREMENTION	B. HOICATE WHICH SC/ME PRACTICUS MAST BE TESTED FOR.	O VOLTILE
SURFACE WATER DISCHARGE	EXTE! POR EACH SCAME PRACTION CHECKED, EACH SPECIFIC ORGANIC TOXIC POLLUTANT WITHIN EACH PRACTION MEET BE AVALYZED FOR (SEE TABLE 11A PAGE 42), IN ADDITION, ALL PRIMARY INDUSTRY APPLICANTS WITH A PROCESS MASTEMATER DISCHARGE TEST PROVIDE SUMMITTATIVE BATA FOR EACH TOXIC POLLUTANT IN TABLE 111A PAGE 41).	DASE/IEUTHAL
OILY	SECOND ALL BATA ON PORTS PROVIDED (1784 7) IN THIS SCORLET.	7
	(CONTINUE WITH 8-K BELOW)	POTICIAL
	E. IF MY SURFACE HATER DISCHARGE APPLICANT (PRIMARY OR SECONDARY INDUSTRY), REGARDLESS OF THE TYPE OF DISCHARGE BOOK OR HAS REASON TO BELIEVE THAT MY POLLUTANT LISTED IN TABLE 11A AND TVA PAGES 80-43 IS DISCHARGED FROM MY CUTTALL, THE GUARTITATIVE DATA SHET BE PROVIDED.	NOT APPLICABLE/BILLIPHID ASSEDIT
	RECORD ALL DATA ON PORTS PROVIDED (ITEM 7) IN THIS BOOKLET.	PRESENT/DATA IS ATTACHED
	P. IF MY SURFACE HATER DISCHARGE APPLICANT (PRIMARY OR SECONDARY INDUSTRY), REGARDLESS OF TYPE OF DISCHARGE KNOWS OR HAS REASON TO BELIEVE ANY POLLUTANTS LISTED IN TABLE VA PACE US ARE DISCHARGE REY ANY OUTFALL THE APPLICANT REST DESCRIBE REASONS FOR THE POLLUTANT BEING PRESENT AND PROVIDE MY AVAILABLE QUANTITATIVE DATA.	NOT APPLICABLE/BELIEVED ABSENT
	RECORD ALL DATA ON FORMS PROVIDED (1784 7) IN THIS BOOKLET.	MESERT/DATA IS ATTACKED
	S. ALL BUSFACE HATER DISCHARGE APPLICANTS (PRIMARY AND SECONDARY INDUSTRIES)	NOT APPLICABLE/BELIEVED ABSORT
	SHES OF MANAFACTURES 2. 4. 5 - TRIOLDROPHENON ACETIC ACID (2. 4. 5-T); (1. 4. 5-TRIOLDROPHENON) PROPAROIC ACID (\$), VEX. 2. 4. 5. TP); (-(2. 4. 5-TRIOLDROPHENON) FTIME 2. 2-DIOLDROPHEN IDUATE (BESON); Q. (DIMETIME O-(2. 4. 5-TRIOLDROPHENE) PROSPHOENTHICATE (BONNEL); (A. 5-TRIOLDROPHENEL (TO'); OR HEMOLDROPHENE (HEY); CALL DATA FOR THE ABOVE PLET BE GENERATED USING STANDARD ANALYTICAL CALIBRATION PROCEDURES) OR	
	MONS OR HAS REASON TO BELIEVE THAT TODD IS OR MAY BE PRESENT IN THEIR DISCHARGE. MIST REPORT GUALITATIVE DATA, GENERATED HITCH LIGHT A SCREENING PROCEDURE NOT CALIBRATED WITH ANALYTICAL STAIDARDS, FOR Z. 3, 7, E TETRADELORGOLARDED-P-DICKIN (TODD). RECORD ALL DATA ON FORMS PROVIDED (1TEM 7) IN THIS SCORLET.	MESENT/DATA IS ATTACED
	J. IF THE BURFACE MATER DISCHARGE APPLICANT IDONG OR HAS REASON TO BELIEVE THAT BIOLOGICAL TOXICITY TESTS MERE MADE IN THE LAST THREE (3) YEARS ON ANY OF THE APPLICANT'S DISCHARGES OR ON A RECEIVING MATER IN RELATION TO A DISCHARGE PROVIDE THIS INFORMATION AS AN ATTACHENT TO THIS APPLICATION.	MACHANIE SEE ATTAGED
	EL 1F A CONTRACT LABORATORY OR CONSULTING FIRM PERFORMED ANY OF THE ANLAYSES REQUIRED BY THIS APPLICATION PROVIDE THE NAME AND ADDRESS OF EACH LABORATORY OR FIRM AND THE ANALYSES PERFORMED AS AN ATTACHEMIT OF THIS APPLICATION.	MANICABLE/SEE ATTACKED
	L. SO YOU DISCHARGE ANY OTHER TOKIC OR INJURIOUS DIENICAL SUBSTANCES NOT LISTED BY TABLES IV PAGE DIAND IIA THROUGH VA PARES (C-U.). IF YES, THEN LIBERTLY THE OPPLICAL SUBSTANCES AND ESTIMATE THE FINAL EXPLICATION. SUBSTITUTE THES INFORMATION AS AN ATTACHEDIT TO THIS APPLICATION.	MUCHEL/SE STROED

2003/020

ACDITIONAL PAGES OF THIS STEM ? ARE ATTACHED FOR THE REST OF THE CRITICAL

MITERIALS MOTOR PRIORITY POLLIFAMIS REQUIRED TO ME REPORTED.

	OUTFALL IUMER		0.0.7	
ITEM		IE & SECTION 1210	2. TON L16.5	, RAGE LIOLE
	B. NAME OF RECEIVING WATER (1E. GROUED-LATER OF NAME OF SURFACE	LOUI A.R.R.Y	(ILIAIKIEIS	
DISCHARGE	C. DO YOU DISCHARGE SEASOWILLY!		YES	⊠ ×
LOCATION	D. IF YES, LIST DISCHAGE PERIODS	10. / DAY		NO. / DAY
PLOW RATE		<u> </u>	J MADUSH	<u> </u>
TYPE CODE	E. LAND APPLICATION MATE	IN./IR.	HR./DAY	IN./W.
1 CONTACT	F. TYPE OF MATEMATER DISOWIGE	5 _	HASTEMATER TYPE COCE	
2 HONCONTACT	6. DISOWAGE SOEDLE (YEARLY AVERAGE)	HOURS/DAY LIG	EU DAY/YEAR	L1610
S PROCESS	H. DISOWIGE PLON NATE	TOTAL YEARLY		4B WIT/COOK
4 SANITARY		BAILY MINIMA		
S STORMWATER		BAILY MAXIMUM	11.18.0	ر المال
1 MOY	1. THE MAXIMUM DISCHARGE PLON BATE TO BE AUTHORIZED IN PERMIT.	AUTHORIZED	111 810	IOIO MILCON
3 GPD	J. MAXIMUM DESIGN DISCHARGE PLON BATE.	DESIGN	11180	OO WILCOM
	A. BO YOU USE NATER TREATHENT ADDITIVES TO TREAT YOUR DISCHARGE?		765	⊠ ••
NATER TREATMENT ADDITIVES	B. NAME FUNCTION, AND DEPAICAL COPPOSITION			ENCID
UNITS CODE	C. NAME AND ADDRESS OF HANGFACTURERS			
	D. EXPECTED DISCHARGE CONCENTRATION OF ADDITIVES.	MINIMAN UNITS	AVENAGE UNIT	S MAXIMUM UNITS
	D. EXPECTED DISCHARGE CONCENTRATION OF AZDITIVES. ADDITIVE NAME			COOR
				S. MAXIMUM UNITS
	ADDITIVE NAME			COOR
	ADDITIVE NAME			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
	ADDITIVE NAME ADDITIVE NAME ADDITIVE NAME			
	ADDITIVE NAME ADDITIVE NAME ADDITIVE NAME E. BO YOU THEAT THE DISCHARGE TO REPOVE ADDITIVES?			, — — — — — — — — — — — — — — — — — — —
	ADDITIVE NAME ADDITIVE NAME E. BO YOU TREAT THE DISCHARGE TO REPOVE ADDITIVES? F. WAT IS THE REPOVAL EFFICIENCY AND DISCHARGE PRESENCY?			

SECTION II

B. PROCESS PRODUCTION BATE

	0	UTFALL NUMBER	(0,0,7)
ITEM		A. MANE OF PROCESS CONTRIBUTING TO THE DISCHARGE THROUGH THIS OUTFALL ME SIC COLE	(NIOINE LILLI LILLI
3	seadous	B. PROCESS SOUTHLE (YEARLY AVENUE)	HOURS/DAY LL DAYS/YEM LLL
PROCESS STREAMS CONTRIBUTING TO		C. PROCESS WASTER PLOY BATE	TOTAL YEARLY LILE LILE LILE LILE LILE LILE LILE LI
DUTTALL		D. PROCESS PRODUCTION BATE	BAILY MORIPLEN UNITE TIME
		A. NAME OF PROCESS CONTRIBUTING TO THE DISCHARGE	
		D. PROCESS SCHEDULE (YEARLY AVEAUE)	HOURS/DAY LL DAYS/YEAR LLL
NITE CODE	PROCESS	C. PROCESS MASTERIATER PLAN BATE	TOTAL YEARLY BAILY MINIMUM BAILY MAKIMAN
GALLONS		D. PROCESS PRODUCTION BATE	UNITS TIPE
TARDS	ssadous	A. NAME OF PROCESS CONTRIBUTING TO THE BISCHARGE THROUGH THIS CUTTALL AND SIC CODE	
TONS		B. PROCESS SOUTHLE (YEARLY AVENUE)	HOURS/DAY LL DAYS/YEAR LLL
M00 6PD		C. PROCESS WASTEMATER FLOW WATE	TOTAL YEARLY BAILY MINIMEN BAILY MAXIMEN
TIME		D. PROCESS PRODUCTION NATE	Units Time
HOUR		A. NAME OF PROCESS CONTRIBUTING TO THE DISCHARGE THEOLOGY THIS CUTTALL AND SIC CODE	
WEEK		B. PROCESS BOEDLE (VEARLY AVENUE)	HOURS/DAY LL DAYS/YEAR LLL
HTHOM	SSOO'A	C. PROCESS MASTER FLOW BATE	TOTAL VEARLY LINE TO THE PERSON
			BAILY MINIMA
		D. PROCESS PRODUCTION BATE	DAILY MOXIMUM
	-	A. NAME OF PROCESS CONTRIBUTING TO THE DISCHARE THROUGH THIS OUTFALL AND SIC CODE	
		B. PROCESS SCHEDLE (VEALLY AVERAGE)	
	2	C. PROCESS WASTERATED PLOY BATE	HOURS/DAY BAYS/YSIA
	8-	C. Princip Bullion Flow Bull	BALLY REPORT

SEE INS	TRUCTIONS ERSE SIDE	Howard and the second			
	OUTFALL NUMBER			0,0,7	
SROUNDWATER DISCHARGE OFFORMATION	A. IS THE DISCHARGE FROM THIS CUTTALL DIRECTED TO THE MICHOLO CO GROUD-LITTERS? (IF NO, COTTINUE TO ITEM 5)]vrs ⊠ ko	
	B. HIS A HYDROGEOLOGICAL STUDY OR ITS EQUIVALENT BEEN PERFORMED OR IS THERE SUFFICIENT CURRENT HYDROGEOLOGICAL INFORMATION AVAILABLE AS REQUIRED BY THE HATER RESOLUTES CONVISSION PART 22 GROUPOWITE RALES OF AGAST 34, 1980 R.323.220 (PAGE 45) FOR THIS EXISTING OR PROPOSED DISCHARGE? IF YES ATTACH A COPY OF THE REPORT.]~ □*	
	C. ARE YOU REQUESTING AN EXPETION FROM SUBMITTED RALE R. S.Z. Z.W. (Up) (FACE SE) OF FROM SECUN- UPCER RALE R. S.Z. Z.C.B. (J.) (FACE S.) OF THE P BOOMENTS AND EXPLANATION TO EXPONENTRATE THAT]*: *		
	D. ME VOU REDLESTING A VANIANCE FROM BLE 33.7 THE MATER RESOLUCES COMMISSION PART ZE GROUPE BOOLMENTS AS NECESSARY TO DEPOSITIATE THE RES CRITERIA SPECIFIED IN BLE 323.7210 (PAGE ME	205 (PAGE 85) (NOICEBRARATION) OF DATER RALES? IF YES, ATTACH BACH DI POR A VARIANCE IN TERPS OF THE OF THE PART ZZ RALES.			
	E. LIST ALL DEPICAL SUBSTANCES WHICH ME BY MICHIGAN'S CRITICAL MATERIALS REGISTER TABLE IN CINCE BY MEVOR U.S. EM'S PRICETLY POLLUTANT LIST TABLE V (PAGE 2) OR MAY OTHER BUBSTANCES WHICH ARE OR MAY BECOME SHARRIOLS TO THE DESIGNATED USES OF THE GROUNDATER OR TO THE PLBLIC HEALTH THAT ARE DISCHARGED OR EXPECTED TO BE DISCHARGED TO THE GROUNDATER BY THIS FACILITY. ESTUMATE THE FINAL EFFLUENT CONCENTRATION MORRECORD ALL DATA BY ITEM 7 OF SECTION 11 IN THIS BOOKLET.		MOT APPLICABLE/BELIEVED ASSENT		
	THE APPLICANT MAY BE REQUIRED TO BO ASDITIONAL A. DISONNES ONNACTERISTICS	CONCENTRATION		UNITS CODE / MALTSES	
ITEM 5	"BODS (FIVE DAY BIOCHENICAL GRYGEN DENNE)	NOT. APP LICA		ىتا با	וֹר ה
EXPECTED	PER (DENICAL DIMEN BEHNE)			4	
WASTEWATER	"TOC (TOTAL ORGANIC CARBON)			141	
TERISTICS	"APPONIA NITROGEN (AS N)		سا،	111 1 1 1	
	TOTAL SUSPECIED SOLIDS			111 111	
I MO/I	TOTAL PROSPICALE (AS P)				
2 Ug/1 2 COUNTS/	TOTAL RESIDUAL OLDNINE				
100 ml	DISSOLVED GRYGEN MIN				
4 s.u.	- LU.U				
e LBS/DAY	PECAL COLIFORN BACTERIA	uuu u		ب ق	
	"TOPENTURE (SUPER)		ı. L	س ب	
	SEPPERATURE (WINTER)	B. OTHER MATTER CHARGESTICS	٠. ت	ت ت	_
	(0,1,1,8,6,8,8,A,8,E,)	<u> </u>		<u> </u>	
INPLE					
1 GRAS		· · · · · · · · · · · · · · · · · · ·		<u> </u>	
2 34 HOUR COMPOSITE				<u> </u>	
		سا،ساس			u
			. ——		u

SECTION II

"MEDITED INFORMATION FOR BUREACE MATER DISCHARES.

ENOWS OF HAS REASON TO BELIEVE THAT TODD IS OF MAY BE PRESENT IN THEIR DISCHARGE.
MAST REPORT QUALITATIVE DATA, GENERATED WHICH USED A SCREENING PROCEDURE NOT
CALIBRATED WITH ANALYTICAL STAYDARDS, FOR Z. 3, 7, 8, - TETRADALORODISENGO-F-DICKIN
(TCCO). RECORD ALL DATA ON FORMS PROVIZED (1TBN 7) IN THIS SCORLET.

IF THE SUPPLE MATER DISCHARGE APPLICANT BOOKS OR HAS REASON TO BELIEVE THAT BIOLOGICAL TOXICITY TESTS HORE MADE IN THE LAST THREE (3) YEARS ON ANY OF THE APPLICANT'S DISCHARGES OR ON A RECEIVING MATER IN RELATION TO A DISCHARGE, PROVIDE THIS IMPORTATION AS AN ATTACHER TO THIS APPLICATION.

IF A CONTRACT LABORATORY OF CONSULTING FIRM PERFORMED MAY OF THE MALAYSES REQUIRED BY THIS APPLICATION, PROVIDE THE NAME AND ADDRESS OF EACH LABORATORY OF FIRM AND THE MALYSES PERFORMED AS AN ATTACHEMY OF THIS APPLICATION.

DO YOU DISOMOSE ANY OTHER TOXIC OF IMARIOUS DEVICAL BUSINGS NOT LISTED IN TAKES IN PAGE S AND ITA THROUGH VA PAGES SCALE. IF YES, THEN IDENTIFY THE DEPICAL BUSINANCES AND ESTIMATE THE FINAL EFFLUENT CONCENTRATIONS. BUSINET THES INFORMATION AS AN ATTACHEST TO THIS APPLICATION.

PRESENT/DATA IS ATTACKED

APLICABLE/SEE ATTACKED

MALICIALLY SE ATTACE

MPLICABLE/SEE ATTACED

NOT APPLICABLE

NOT MYLICALE

HOT APPLICABLE

1

1

ADDITIONAL PAGES OF THIS ITEM ? ARE ATTACAD FOR THE BEST OF THE SATISFAL MATERIALS AND/OR PRICATED POLICIANTS REQUISED TO BE SECURED.

8

	CUTFALL MYSED		LO	رفانا
ITEM	A. ACEATION OF DISCOURSE LEVEL & L.	LE LE STION	12101, TON	LIKE, ME LIGE
1	D. ENTE S ENGINE ENTER (IE. BOULDATER OF HAR OF BURKE	LOLUIAIR	RYLLA	KIRISIIII
DECHARGE	e. Do not place at graph TAL		☐ ws	X •
LOCATION	8. IF 1782. LIST DISCOMME PORISON	10.1	MY	150. / DAY
80 CPULE		_		an
PLOW		Auto Still II. II. St.		
RATE				
LYPI COOL	E. LAD EPLICATION MATE	in./ca.	. 19./	
O CONTACT	P. TOPE OF WATERATER DISCOURSE	رق		
TENTHONICH S	6. DISCHARE SCHOOLS (VENELY DECIME)	IGUS /BAY	டமி	BAYARAR LIGIO
2 PROCESS	N. DISONICE FLOW MATE	MALET ALTERA		LATINET WILLIAM
a santany B stommater		CAILY MINISA		ت وييب
WILCOOK	进展的是经验证证明有限的证明现代决定的证明	BAILY PAKING	···	رق مارورورو
S NOD 4 MOA	I. THE POXIDION DISCOURSE PLON BATE TO BE AUTHORIZED IN PERMIT.	ASSESSED		LIBLOIDIO, WIZE
3 600	J. POURS BOURN DISCOURSE PLOY DATE.	DES 16H		LIBIDIDIO MISTO
	A. DO YOU LEE CATES TRUMPHENT ADDITIVES TO TREAT YOU DISCUSSE?			⊠
ITEM	B. SINE, PLACTICH, AND ORDUCAL COPPOSITION OF THESE ASSITIVES.			Decum
2				
waren				
TREMTABRY ADDITIONS				
	C. REPE AND ADDRESS OF WARFACTURES			
CATTO COOL				
1 86/1				
2 49/1				
	B. SOMETED DISCHARE SENCENTRATION OF ASDITIVES.	MINDA	DATE AND AS	MITS PARTY CITY
	ASSITING ASSIGNMENT OF THE SHEW SHEW SHEW			
	SOUTH SEE	سير		
	ADITING EAST			
	C. DO WE THEAT WE DISCUSE TO SOME ADMINES?		T vo	
	P. WAT IN THE RECORD STRICTORY HIS BIRCHAR PRODUCT			ANSWELD SALDS
	CONTINUE COME			MEG./EAY DAYS/AG.
	ASSITTED COME			
	come see			
	6. AS ON ATTACHENT TO THIS APPLICATION PROVIDE EXECUTIC REPORTS. BECOMMINED ON THE RATE OF DEPARTS OF THE PREDICTS FOR SAC	O MATIC RESIDE	JOSEPH DAYA DA ROPE	POCE WHICH ARE GRAILING GO
			represent the former Country Country and the depth of the	

ON REVI	ERS	SIDE	
	L	LITEAL NUMBER	0.0.18
ITEM		A. NAME OF PROCESS CONTRIBUTING TO THE DISCHARGE THROUGH THIS OUTFALL AND SIC CODE	(N,O,N,E, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,
3		B. PROCESS SOMEDILE (YEARLY AVENUE)	HOURS/DAY LL DAYS/YEAR LL
PROCESS STREAMS CONTRIBUTING TO	sadous	C. PROCESS WASTEMATER PLON BATE	DAILY MINIMUM
BISCHARGE	1	D. PROCESS PRODUCTION PATE	UNITS THE
	Г	A. NAME OF PROCESS CONTRIBUTING TO THE DISCHARGE THROUGH THIS OUTFALL AND SIC COPE	
		B. PROCESS SO-EDLE (YEARLY AVENUE)	HOURS/DAY L. J. BAYE/YEAR L. J. J.
UNITS CODE	PROCESS	C. PROCESS MASTER PLOY BATE	TOTAL YEARLY SAILY PRINIPLES DATE OF THE PRINCE OF THE P
2 GALLONE		D. PROCESS PRODUCTION BATE	UNITS /TIME
VARDS	seadous	A. NAVE OF PROCESS CONTRIBUTING TO THE DISCHARGE THROUGH THIS DUTFALL AND SIC CODE	
4 TOHS		B. MODESS SOUTHER (YEARLY AVENUE)	HOURS/DAY LLL DAYS/YEAR LLLL
7 600		C. PROCESS WASTEMATER PLON WATE	TOTAL YEARLY BAILY MINIMUM BAILY MAXIMUM L
TIME		B. PROCESS PRODUCTION BATE	UNITS THE
1 HOUR	PROCESS	A. NAME OF PROCESS CONTRIBUTING TO THE DISCHARGE	
3 MEEK		B. PROCESS SOEDLE (YEARLY AVENUE)	HOURS/DAY LL DAYS/YEAR LL L
S YEAR		C. PROCESS WASTER FLOW BATE	TOTAL VEARLY LINET CODE
		D. PROCESS PRODUCTION BATE	BAILY MAXIMAM UNITS TIME
		A. MANE OF PROCESS CONTRIBUTING TO THE DISCHARGE THROUGH THIS OUTFALL AND SIC CODE	
		B. PROCESS BOEDLE (YEARLY AVENUE)	
	PROCESS	C. PROCESS WATER PLOY BATE	BAILY PRINTER BAILY PRINTER BAILY PRINTER
	1	D. PROCESS PRODUCTION DATE	UNITS TIME

"MEDUINED INFORMATION FOR SUPPLIES MATER DISCOMMES.

10,1, L, 8, 6, R, E, A, 8, E,

TYPE

1 GRAS

COMPOSITE

-

__

ITEM 6

POLLUTARTS
AND
ADDITIONAL
GEORMATION
POR
SURVACE
VATER
DESCHARGE

O.	LAT (N.S.)	0.0.8
100	PELDING REGISTED INDUSTRIAL PROVIDE LOPICIED VALUE FOR THE GLANTITATIVE AND LITATIVE INCOMPANIES.	
Δ.	IS THIS FACILITY A PRIMARY INSUSTRY? (REPER TO TABLE IN PARE SU)	Ø ves □ **
0.		STEIAM LELLIE CIPIPI
€.	(IF NO. 80 TO E) (IF YES, 80 TO D)	
0.		C) Satur
	BOTA POR CACH CO'ND PRACTION OCCORD. EACH SPECIFIC RESAMIC TOXIC PROLUTERY MITHIN LOSS PRACTION HAS BE SHALVED FOR CELL TABLE I IA PARE IO IN REDITION, ALL PRIPARY INDUSTRY APPLICANTS WITH A PROCESS WASTDATER DISCUSSES TO PROVIDE COMMITTATIVE BOTA POR CACH TOXIC POLLUTANT IN TABLE I I IA PARE IO.	_ swayever
	GEOGRAL CATA ON PORTS PROVIDED (ITEM 7) IN THIS SECRET.	L KID
	(COMME WITH (F-G 2004)	O servicias
8.	IF ACT SAVICE WITH DISONAGE APPLICANT (MINEST OF ECONOMY INDIGHT), ENGADLES OF THE THREE OF DISONAGE ACCES OF THE REASON TO BELIEVE THAT ANY FOLLHANT LISTED IN TABLE I IIA AND IVA PAGES (2011) B DISONAGED FROM ANY ENTRALL'HE CANTITATIVE ENTA	[] or one was more
	RECORD ALL BATA ON PORMS PROVIDED (1784 7) IN THIS EXCELLET.	PRESENT/DATA IS AFTERDED
٠.	If MY BEFORE WITER DISCUSSE APPLICATE (MINER OF SECONDAY INDESTRY), STANDARD OF TYPE OF DISCUSSED AND REASON TO BELIEVE AN POLLHANTS LISTED IN TABLE VA PARE IS DISCUSSED FOR MAI REASON TO BELIEVE AND POLLHANTS LISTED IN TABLE OF PORT OF THE POLLHANT BEING PRESON AND PROVIDE BY AVAILABLE SUMMITTATIVE BATA.	Ma wimerow man
	REGING ALL BATA ON PORTS PROVISIO (1784 7) IN THIS BOOKET.	MODEL/SATA IS ATTACOD
6.	ALL BUFFACE SATER DISCARGE APPLICANTS (FRIMAN AND SECTIONS INDUSTRICE)	
	AND HALL BY BE COMMENTED BY THE STANDARD AND THE CALL (2, 8, 5-7); THE ALPHROPHEN PROPERTY OF THE 2 POLICE PROPERTY (STANDARD); D. THE ALPHROPHEN PROPERTY OF THE 2 POLICE PROPERTY (STANDARD); D. THE ALPHROPHEN PROPERTY OF THE PROPERTY (STANDARD); D. THE ALPHROPHEN PROPERTY OF THE PROPERTY (STANDARD); CALL BATA FOR THE PROPERTY OF THE PROPERTY O	Ca maner was
	COORS OF MAS REASON TO SELIEVE THAT TODO IS OR MAY BE PRESENT IN THE IN DISCUSSED. CLEI REPORT QUALITATIVE DATA. SOMERATED WHICH USED A SOMERIME PROCESSAND MOT CALIBRATED WITH ANALYTICAL STANDARDS, FOR Z. S. / Q TETRADALORDOISERED POSICION (TODO). RECORD ALL BATA ON FORMS PROVIDED (1789 /) IN THIS SCOOLET.	PRESORT/BATA SE ATTAGOD
J.		S a wort
	THE INSTALLED BY BUILDING IN IN INC.	T MICHAEL ATTOO
(t.	IF A CONTRACT LABORATORY OF COGLETING FIRM FORFORD ANY OF THE MEATER RELIFED BY THIS APPLICATION, PROVIDE THE NIME AND ADDRESS OF GADI LABORATORY OR FIRM AND THE AVALUES PORFORDS AS AN ATTACHEMIT OF THIS APPLICATION.	MICELAID WHOO
6.	O YOU DISCUSS ANY STICK TOLIC OF INLARING COULCE RESTAUCE BY LISTED SHE TURED IN PACE & AND THE TRADE OF SMEET AND STICKED THE PROPERTY THE PROPERTY OF THE STICKED CONTRACTOR. REPORT THESE INCOMPANY OF THE PROPERTY OF THE STICKED CONTRACTOR. REPORT THESE INCOMPANY OF THE STICKED CONTRACTOR.	M or muces

GEE INSTRUCTIONS ON REVERSE SIDE

£.

	CUTTALL TUZER		LOOLE	
TEM CONTENTS OF THE COLUMN		2. section 11, max 6.	DECLE APPRIATE BY THE PRICE RESPONDED THIS DATA DEET TOTALDING.) RESPONDED DISCHAR RESPONDED (PAGE 55) RESPONDED TO BY AND SAFER DISCHAR (PAGE 57)	
MASARDOUS BUSTANCES BUSTANCES	8.	LIST ANY CHITTAL PATERIAL (TABLE IV PAGE 6) COT RECEIVED IN POLITATIS CHILLY YOU GOOD OF MANY CLASSES IN SELECTION TO EXPERI SEVERAL BUILD THIS PAGE FOR PAPTER DIRECTION.	MALICAL (AT SALM)	
	a	IL COME OF SAT ICAL PATCHAGE OF PRINCIPE POLICE		
	.	B ADDRESS FOR INTERTION SHOULD THREE BOY GREETED	BUT GOS ENVIS VO SHI VOIS	
	3	C. HOUR PRUM C O ENTRATION AND MADE	C. C. SHITES C. C. SHITES	
	Part 6-20.2	A. AGE OF CHILLA MATERIAL OF PRICEITY POLLUTON		
		B. C'THE O. COMMATION, BAPPLE TYPE, B OF MICHES	LII. LI LI GANT COCCE COMPLICATION OF COMPLICATION	
		C. PRINCH CHE TITATION AND MADS		
SWITE CODE	Secretary .	A. HENE OF ERIT CAL PATERIAL OF PRIGRITY POLLUTARY		
8 Ue/1		B. ANDRES ESPERITERT ION BAPPLE TYPE: P OF ANALYSIS	THE PROPERTY OF STREET	
3 LDS/DAY 4 AG/DAY		C. MAXIMUM CONCOMMATICA MAD MARIA		
	3	A. WHE O' DITTICAL PATERIAL OF PRIGRITY POLLUTION		
	due	9. ANDROIS GONSIDATATION, DAMPLE TYPE, 8 CF BIOLYSES	LILL SHIT SEE SHOULD BE SO CHANGES	
		C. MIXING COCOMINTION NO MAS		
I GRAS	9	A. ENG OF STITICAL PATRIAL OF PRICEITY FOLLOWS		
2 24 to .com	a eac	the state of the s	THE STATE OF THE PARTY AND ADDRESS OF THE PART	
		C. MARIA ESCONIATION DO MAS	The same of the sa	
	8	A SE O CITICA MICIA SI RICIM FOLLASS		
		B. ANDREE CONTRACTION MAPLE TYPE: I ST ASSUMED	LALL LANGE CONTRACTOR	
	U	C. PULICH CHICHMATICS AS INC.	CALL CONTROL CONTROL	
		A. 1996 B. CHLICH MADIN TO MICHAULTON		
		6. ALLIER CHOPMATICU SEPAL THE FOR BOUNES	LILLIAN CONTROL	
		G. RULDEAN CONDUNTATION AND FRAGE		
		A. OF ST CATHER CATHER CO PAICETY FOLLOWS	BUT COS ENGLISH & SHANES	
	0	B. APPLIE CHEDITATION EVEL THEN I O ANGLES		
		C. HUMA GOODMATION NO RES		

ADMINUL MAD OF THIS THE 7 RE ATMINED THE REST OF THE CATHOLING THE REST OF THE REST OF THE REST OF THE CATHOLING THE REST OF THE R