



DEPARTMENT OF THE ARMY
NEW ORLEANS DISTRICT, CORPS OF ENGINEERS
P. O. BOX 60267
NEW ORLEANS, LOUISIANA 70160

LMNOD-SP

26 May 1971

PUBLIC NOTICE

Interested parties are hereby notified that additional changes have been made regarding the Department of the Army permit program in addition to those changes listed in the public notice dated 28 April 1971 issued by this office.

Among the additional changes are the following:

1. The list of required parameters to be reported on by 1 July 1971 has been modified. Applicants in critical industrial groups must report on those items in Table C except Ultimate B.O.D. and Dissolved Oxygen. In lieu of the deleted items, the applicants should report on Chemical Oxygen Demand and Kjeldahl Nitrogen.
2. Revised sheets for Section III of the Preliminary Instruction Booklet have been published.
3. Minor revisions have been made to ENG Form 4345.
4. Major revisions have been made to ENG Form 4345-1.

Additional information, copies of the revised forms, copies of the instruction booklet, and copies of the revised pages for the instructions may be obtained from the Permits Section at this office.

You are requested to communicate the information contained in this letter to any other parties whom you deem likely to have an interest in this matter.

for L.D. Hittler
HERBERT R. HAAR, JR.
Colonel, CE
District Engineer

CCR 000036245

DEPARTMENT OF THE ARMY
New Orleans District, Corps of Engineers
P. O. Box 60267
New Orleans, Louisiana 70160

LMNOD-S

20 July 1971

PUBLIC NOTICE

Interested parties are hereby notified that Part B of ENG FORM 4345-1 and instructions for its preparation have been published and will be distributed by this District. All parties who have submitted Part A of the form will receive copies of Part B and accompanying instructions. Parties not receiving forms by 15 August 1971 should send a request to this District.

ENG FORM 4345-1, Part B, must be submitted for Refuse Act permits by 1 October 1971 by all firms or agencies having discharges classified as critical. Critical industries are those included within the following Standard Industrial Classifications:

SIC 098	SIC 22	SIC 285	SIC 332
SIC 10-14	SIC 23	SIC 2871	SIC 333
SIC 201	SIC 242	SIC 2879	SIC 334
SIC 202	SIC 2432	SIC 2891	SIC 336
SIC 203	SIC 2491	SIC 2892	SIC 347
SIC 2031	SIC 26	SIC 29	SIC 35
SIC 2036	SIC 281	SIC 3011	SIC 36
SIC 204	<u>SIC 2818</u>	SIC 3069	SIC 37
SIC 206	SIC 282	SIC 3079	SIC 3731
SIC 207	SIC 283	SIC 311	SIC 491
SIC 208	SIC 284	SIC 32	SIC 493
SIC 209		SIC 331	

Additional information, copies of Part B of Form 4345-1 and instructions for its preparation, as well as Forms 4345 and 4345-1, Part A, may be obtained from the Permits & Statistics Branch at this office.

You are requested to communicate the information in this notice to any other interests you consider likely to be interested in this matter.


HERBERT R. HAAR, JR.
Colonel, CE
District Engineer

CCR 000036246

DEPARTMENT OF THE ARMY, CORPS OF ENGINEERS

APPLICATION FOR PERMIT TO DISCHARGE OR WORK IN NAVIGABLE WATERS AND THEIR TRIBUTARIES

SECTION I - GENERAL INFORMATION

1. State	Application Number (to be assigned by Corps of Engineers)		
Div.	Dist.	Type	Sequence No.

2. Name of applicant and title of signing official

3. Mailing address of applicant

4. Name, address, telephone number and title of applicant's authorized agent for permit application coordination and correspondence.

NOTE TO APPLICANT Refer to the pamphlet entitled "Permits for Work and Structures in and for Discharges or Deposits into Navigable Waters" before attempting to complete this form.

Required Information

- All information contained in this application will, upon request, be made available to the public for inspection and copying. A separate sheet entitled "Confidential Answers" must be used to set out information which is considered by the applicant to constitute trade secrets or commercial or financial information of a confidential nature. The information must clearly indicate the item number to which it applies. Confidential treatment can be considered only for that information for which a specific written request of confidentiality has been made on the attached sheet. However, in no event will identification of the contents and frequency of a discharge be recognized as confidential or privileged information.
- The applicant shall furnish such supplementary information as is required by the District Engineer in order to evaluate fully an application.
- If additional space is needed for a complete response to any item on this form, attach a sheet entitled "Additional Information." Indicate on that sheet the item numbers to which answers apply.
- Drawings required by items 20 and 21 should be attached to this application. Other papers which must be attached to this application include, if applicable, copies of a water quality certification or a written communication which describes water quality impact (see item 22 and item 10 of Section II below), the additional information sheet(s) in "c" above, and the confidential information sheet described in "a" above.

Fees

If any discharge or deposit is involved, an application fee of \$100 must be submitted with this application. An additional \$50 is required for each additional point of discharge or deposit.

Signature

- If a discharge is involved, an application submitted by a corporation must be signed by the principal executive officer or that corporation or by an official of the rank of corporate vice president or above who reports directly to such principal executive officer and who has been designated by the principal executive officer to make such applications on behalf of the corporation. In the case of a partnership or a sole proprietorship, the application must be signed by a general partner or the proprietor. Other signature requirements are discussed in the pamphlet.
- If no discharge is involved, an application may be signed by the applicant or his authorized agent.

Application is hereby made for a permit or permits to authorize the activities described herein. I certify that I am familiar with the information contained in this application, and that to the best of my knowledge and belief such information is true, complete, and accurate.

18 U.S.C. Section 1001 provides that:

Signature of Applicant

Whoever, in any matter within the jurisdiction of any department or agency of the United States knowingly and wilfully falsifies, conceals or covers up by any trick, scheme, or device a material fact, or makes any false, fictitious or fraudulent statements or representations, or makes or uses any false writing or document knowing same to contain any false, fictitious or fraudulent statement or entry, shall be fined not more than \$10,000 or imprisoned not more than five years, or both.

Acronym name of applicant

FOR CORPS OF ENGINEERS USE ONLY

Are discharge structures

CCR 000036247

Date received, form not complete

Date received, form complete
but without certificate

Date received, form complete

Date of Cert./Ltr.

day mo yr

Major? ☐

Minor? ☐

N/A? ☐

Date sent to EPA, form not complete

Date sent to EPA, NOAA, D/I, AEC,
FPC in complete form

day mo yr

5. Date _____ mo day yr	(Office use only)														
6. Check type of application: a. Original ☐ b. Revision ☐	7. Number of original application _____														
8. Name of facility where discharge or construction will occur: _____ _____ _____															
9. Full mailing address of facility named in item 8 above: _____ _____ _____ _____ _____															
10. Names and mailing addresses of all adjoining property owners whose property also adjoins the waterway: _____ _____ _____ _____															
11. Check to indicate the nature of the proposed activity: a. Dredging ☐ b. Construction ☐ c. Construction with Discharge ☐ d. Discharge only ☐															
12. If activity is temporary in nature, estimate its duration in months: _____															
If application is for a discharge:															
13. List intake sources: <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; width: 50%;">Source</th> <th style="text-align: left; width: 50%;">Estimated Volume in Million Gallons Per day or Fraction Thereof</th> </tr> </thead> <tbody> <tr> <td>Municipal or private water supply system</td> <td>_____</td> </tr> <tr> <td>Surface water body</td> <td>_____</td> </tr> <tr> <td>Ground water</td> <td>_____</td> </tr> <tr> <td>Other</td> <td>_____</td> </tr> </tbody> </table>		Source	Estimated Volume in Million Gallons Per day or Fraction Thereof	Municipal or private water supply system	_____	Surface water body	_____	Ground water	_____	Other	_____				
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Municipal or private water supply system	_____														
Surface water body	_____														
Ground water	_____														
Other	_____														
14. Describe water usage within the plant: <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; width: 50%;">Type</th> <th style="text-align: left; width: 50%;">Estimated Volume in Million Gallons Per day or Fraction Thereof</th> </tr> </thead> <tbody> <tr> <td>Cooling water</td> <td>_____</td> </tr> <tr> <td>Boiler Feed water</td> <td>_____</td> </tr> <tr> <td>Process water</td> <td>_____</td> </tr> <tr> <td>Sanitary system*</td> <td>_____</td> </tr> <tr> <td>Other</td> <td>_____</td> </tr> </tbody> </table>		Type	Estimated Volume in Million Gallons Per day or Fraction Thereof	Cooling water	_____	Boiler Feed water	_____	Process water	_____	Sanitary system*	_____	Other	_____		
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Cooling water	_____														
Boiler Feed water	_____														
Process water	_____														
Sanitary system*	_____														
Other	_____														
15. List volume of discharges or losses other than into navigable waters: <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; width: 50%;">Type</th> <th style="text-align: left; width: 50%;">Estimated Volume in Million Gallons Per day or Fraction Thereof</th> </tr> </thead> <tbody> <tr> <td>Municipal waste treatment system</td> <td>_____</td> </tr> <tr> <td>Surface containment</td> <td>_____</td> </tr> <tr> <td>Underground disposal</td> <td>_____</td> </tr> <tr> <td>Waste Acceptance firms</td> <td>_____</td> </tr> <tr> <td>Evaporation</td> <td>_____</td> </tr> <tr> <td>Consumption</td> <td>_____</td> </tr> </tbody> </table>		Type	Estimated Volume in Million Gallons Per day or Fraction Thereof	Municipal waste treatment system	_____	Surface containment	_____	Underground disposal	_____	Waste Acceptance firms	_____	Evaporation	_____	Consumption	_____
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Municipal waste treatment system	_____														
Surface containment	_____														
Underground disposal	_____														
Waste Acceptance firms	_____														
Evaporation	_____														
Consumption	_____														
* Indicate number employees served per day _____															

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If structures exist, or dredging, filling or other construction will occur, the precise location of the activity must be described.

(Office use only)

- a. Name the corporate boundaries within which the structures exist or the activity will occur.

16. State _____ 17. County _____ 18. City or Town _____

- b. Name of waterway at the location of the activity

19. _____

20. Maps and sketches which show the location and character of each structure or activity, including any and all outfall devices, dispersive devices, and non-structural points of discharge, must be attached to this application.

21. For construction or work in navigable waters for which a separate permit is sought under 33 U.S.C. 403, the character of each structure must be fully shown on detailed plans to be submitted with this application. Note on the drawings those structures for which separate discharge information (Section II of this form) has been submitted.

22. List all approvals or denials granted by Federal, interstate, State or local agencies for any structures, construction, discharges or deposits described in this application.

Type of document	Id. No.	Date	Issuing Agency
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23. Check if facility existed or was lawfully under construction prior to April 3, 1970. ☐

24. If dredging or filling will occur:

State the type of materials involved, their volume in cubic yards, and the proposed method of measurement.

25. Describe the proposed method of instrumentation which will be used to measure the volume of any solids which may be deposited and to determine its effect upon the waterway.

26. State rates and periods of deposition described in Item 25.

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SECTION II. PLANT PROCESS AND DISCHARGE DESCRIPTION

1. Discharge described below is a. Present ☐ b. Proposed new or changed ☐		2. Implementation schedule ☐	(Office use only)
Name of corporate boundaries within which the point of discharge is located. State _____ County _____ City or Town _____			6. Discharge Serial No. _____
3. _____		4. _____	5. _____
State the precise location of the point of discharge. 7. Latitude _____ Degrees; _____ Min; _____ Sec. 8. Longitude _____ Degrees; _____ Min; _____ Sec.		9. Name of waterway at the point of discharge. _____	
10. Has application for water quality certification or description of impact been made? If so, give date: Date _____ mo day yr Check if certificate is attached to form ☐ Name Issuing Agency _____			
11. Narrative description of activity (include terms of general 4-digit Standard Industrial Classification, and specific manufacturing process). 			
12. Standard industrial classification number. _____ _____ _____	13. Principal product. _____ _____ _____	14. Amount of principal product produced per day. _____ _____ _____	
15. Principal raw material. _____ _____ _____	16. Amount of principal raw material consumed per day. _____ _____ _____	17. Number of batch discharges per day. _____	
18. Average gallons per batch discharge. _____	19. Date discharge began. _____ mo day yr	20. Date discharge will begin. _____ mo day yr	
21. Describe waste abatement practices. 			

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PHYSICAL DESCRIPTION OF INTAKE WATER AND DISCHARGE

Intake		Discharge				(Office use only)	
Parameter and Code	UNTREATED INTAKE WATER	TREATED INTAKE WATER	AVERAGE (DAILY)	MINIMUM (OPERATING YEAR)	MAXIMUM (OPERATING YEAR)	SAMPLE FREQUENCY	DISCHARGE SERIAL NO
	(1)	(2)	(3)	(4)	(5)	(6)	(7)
Flow (Gallons per day) 00056							
pH 00400							
Temperature (Winter) (°F) 74028							
Temperature (Summer) (°F) 74027							

23.

DISCHARGE CONTENTS

PARAMETER	PRESENT	ABSENT	PARAMETER	PRESENT	ABSENT	PARAMETER	PRESENT	ABSENT
Color 00080			Aluminum 01105			Nickel 01067		
Turbidity 00070			Antimony 01097			Selenium 01147		
Radioactivity 74050			Arsenic 01002			Silver 01077		
Hardness 00900			Beryllium 01012			Potassium 00937		
Solids 00500			Barium 01007			Sodium 00929		
Ammonia 00610			Boron 01022			Titanium 01152		
Organic Nitrogen 00605			Cadmium 01027			Tin 01102		
Nitrate 00620			Calcium 00916			Zinc 01092		
Nitrite 00615			Cobalt 01037			Algicides 74051		
Phosphorus 00665			Chromium 01034			Oil and Grease 00550		
Sulfate 00945			Copper 01042			Phenols 32730		
Sulfide 00745			Iron 01045			Surfactants 38260		
Sulfite 00740			Lead 01051			Chlorinated Hydrocarbons 74052		
Bromide 71870			Magnesium 00927			Pesticides 74053		
Chloride 00940			Manganese 01055			Fecal Streptococci Bacteria 74054		
Cyanide 00720			Mercury 71900			Coliform Bacteria 74056		
Fluoride 00951			Molybdenum 01062					

All known hazardous or potentially hazardous substances in your plant been inventoried?

☐ Yes

☐ No

24b. If yes, have steps been taken to insure that there exists no possibility of any such known hazardous or potentially hazardous substance entering this discharge?

☐ Yes

☐ No

25. Remarks.

The information above completes the basic reporting requirements which are required of all applicants. Those applicants whose discharge results from an activity included within any of the Standard Industrial Classification Code (SIC Code) categories listed below must complete Part A of this form as well.

CRITICAL INDUSTRIAL GROUPS

SIC 098	FISH HATCHERIES, FARMS, AND PRESERVES	SIC 285	PAINTS, VARNISHES, LACQUERS, ENAMELS, AND ALLIED PRODUCTS
SIC 10-14	DIVISION B - MINING	SIC 2871	FERTILIZERS
SIC 201	MEAT PRODUCTS	SIC 2879	AGRICULTURAL PESTICIDES, AND OTHER AGRICULTURAL CHEMICALS, NOT ELSEWHERE CLASSIFIED
SIC 202	DAIRY PRODUCTS	SIC 2891	ADHESIVES AND GELATIN
SIC 203	CANNED PRESERVED FRUITS, VEGETABLES (EXCEPT SEAFOODS, SIC 2031 AND 2036)	SIC 2892	EXPLOSIVES
SIC 2031, 2036	CANNED AND CURED FISH AND SEAFOODS; FRESH OR FROZEN PACKAGED FISH AND SEAFOODS	SIC 29	PETROLEUM REFINING AND RELATED INDUSTRIES
SIC 204	GRAIN MILL PRODUCTS	SIC 3011, 3069	TIRES AND INNER TUBES; FABRICATED RUBBER PRODUCTS, NOT ELSEWHERE CLASSIFIED
SIC 206	SUGAR	SIC 3079	MISCELLANEOUS PLASTICS PRODUCTS
SIC 207	CONFECTIONARY AND RELATED PRODUCTS	SIC 311	LEATHER TANNING AND FINISHING
SIC 208	BEVERAGES	SIC 32	STONE, CLAY, GLASS, AND CONCRETE PRODUCTS
SIC 209	MISCELLANEOUS FOOD PREPARATIONS AND KINDRED PRODUCTS	SIC 331	BLAST FURNACES, STEEL WORKS, AND ROLLING AND FINISHING MILLS
SIC 22	TEXTILE MILL PRODUCTS	SIC 332	IRON AND STEEL FOUNDRIES
SIC 23	APPAREL AND OTHER FINISHED PRODUCTS MADE FROM FABRICS AND SIMILAR MATERIALS	SIC 333, 334	PRIMARY SMELTING AND REFINING OF NON-FERROUS METALS; SECONDARY SMELTING AND REFINING OF NONFERROUS METALS
SIC 242	SAWMILLS AND PLANING MILLS	SIC 336	NONFERROUS FOUNDRIES
SIC 2432	VENEER AND PLYWOOD	SIC 347	COATING, ENGRAVING, AND ALLIED SERVICES
SIC 2491	WOOD PRESERVING	SIC 35	MACHINERY, EXCEPT ELECTRICAL
SIC 26	PAPER AND ALLIED PRODUCTS	SIC 36	ELECTRICAL MACHINERY, EQUIPMENT, AND SUPPLIES
SIC 281	INDUSTRIAL INORGANIC AND ORGANIC CHEMICALS (EXCEPT SIC 2818)	SIC 37	TRANSPORTATION EQUIPMENT (EXCEPT SHIP BUILDING AND REPAIRING, SIC 3731)
SIC 2818	INDUSTRIAL ORGANIC CHEMICALS	SIC 3731	SHIP BUILDING AND REPAIRING
SIC 282	PLASTICS MATERIALS AND SYNTHETIC RESINS, SYNTHETIC RUBBER, SYNTHETIC AND OTHER MAN-MADE FIBERS, EXCEPT GLASS	SIC 491	ELECTRIC COMPANIES AND SYSTEMS
SIC 283	DRUGS	SIC 493	COMBINATION COMPANIES AND SYSTEMS
SIC 284	SOAP, DETERGENTS, AND CLEANING PREPARATIONS, PERFUMES, COSMETICS, AND OTHER TOILET PREPARATIONS		

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PART A

(Note: Submission of Part A is required of all applicants whose processes are listed on page 3 above.)

(Office use only)

Discharge Serial No.

INFORMATION REQUIRED OF SPECIFIED INDUSTRIES

Intake		Discharge									
PARAMETER AND CODE	(DAILY AVG. CONCENTRATION) (1)	(DAILY AVG. CONCENTRATION) (2)	(DAILY AVG. CONCENTRATION) (3)	(DAILY AVG. CONCENTRATION) (4)	(DAILY AVG. CONCENTRATION) (5)	(DAILY AVG. CONCENTRATION) (6)	(DAILY AVG. CONCENTRATION) (7)	(DAILY AVG. CONCENTRATION) (8)	(DAILY AVG. CONCENTRATION) (9)	(DAILY AVG. CONCENTRATION) (10)	(DAILY AVG. CONCENTRATION) (11)
	MAXIMUM CONCENTRATION PER PROCESS UNIT	MAXIMUM CONCENTRATION PER PROCESS UNIT	MAXIMUM CONCENTRATION PER PROCESS UNIT	MAXIMUM CONCENTRATION PER PROCESS UNIT	MAXIMUM CONCENTRATION PER PROCESS UNIT	MAXIMUM CONCENTRATION PER PROCESS UNIT	MAXIMUM CONCENTRATION PER PROCESS UNIT	MAXIMUM CONCENTRATION PER PROCESS UNIT	MAXIMUM CONCENTRATION PER PROCESS UNIT	MAXIMUM CONCENTRATION PER PROCESS UNIT	MAXIMUM CONCENTRATION PER PROCESS UNIT
ALKALINITY (as Ca CO ₃) 00410											
B.O.D. 5-DAY 00310											
CHEMICAL OXYGEN DEMAND (C.O.D.) 00340											
TOTAL SOLIDS 00500											
TOTAL DISSOLVED SOLIDS 70300											
TOTAL SUSPENDED SOLIDS 00530											
TOTAL VOLATILE SOLIDS 00505											
AMMONIA (as N) 00610											
KJELDAHL NITROGEN 00625											
NITRATE (as N) 00620											
PHOSPHORUS TOTAL (as P) 00665											

CCR 000036253

TABLE A
Guide for Completion of Part A

PARAMETER & UNITS	METHOD	REFERENCES			SIGNIFICANCE IN REPORTING DATA
		STANDARD METHODS 13TH ED. 1971	A.S.T.M. STANDARDS Pt. 23 1970	W.Q.O. METHODS 1971	
ALKALINITY AS Ca CO ₃ Mg/liter	ELECTROMETRIC TITRATION TECHNICON METHYL ORANGE METHOD	p. 370	p. 154	p. 6	X.
B.O.D. 5-DAY Mg/liter	MODIFIED WINKLER METHOD OR PROBE METHOD	p. 489	p. 712	p. 15	X.
CHEMICAL OXYGEN DEMAND (C.O.D.) Mg/liter	DICHROMATE REFLUX METHOD	p. 495	—	p. 17	X.
TOTAL SOLIDS Mg/liter	GRAVIMETRIC, 105 °C. METHOD	p. 535	—	p. 280	X.
TOTAL DISSOLVED (FILTERABLE) SOLIDS Mg/liter	GLASS FIBER FILTRATION METHOD, 180°C.	p. 539	—	p. 275	X.
TOTAL SUSPENDED (NON-FILTERABLE) SOLIDS Mg/liter	GLASS FIBER FILTRATION METHOD, 103-105°C.	p. 537	—	p. 278	X.
TOTAL VOLATILE SOLIDS Mg/liter	GRAVIMETRIC METHOD 550°C.	p. 536	—	p. 282	X.
AMMONIA (as N) Mg/liter	DISTILLATION-NESSLERIZATION METHOD OR TECHNICON-DIGESTION & PHENOLATE METHOD	p. 453	—	p. 134	.XX
KJELDAHL NITROGEN Mg/liter	DIGESTION-DISTILLATION METHOD OR TECHNICON-DIGESTION & PHENOLATE METHOD	p. 469	—	p. 149	.XX
NITRATE (as N) Mg/liter	BRUCINE SULFATE METHOD OR TECHNICON-HYDRAZINE REDUCTION METHOD	p. 461	—	p. 170	.XX
TOTAL PHOSPHORUS (as P) Mg/liter	PERSULFATE DIGESTION & SINGLE REAGENT METHOD OR TECHNICON-MANUAL DIGESTION & SINGLE REAGENT OR STANNOUS CHLORIDE	p. 526	—	p. 235	.XX

PART B DISCHARGE DESCRIPTION

(Note: Submission of Part B is required of all applicants who are also required to submit Part A. Only those parameters specifically indicated in the instructions are to be reported by a particular industry)

(Office use only)

Discharge Serial No.

B-1. PHYSICAL AND BIOLOGICAL PARAMETERS OF INTAKE WATER AND DISCHARGE (See Table B-1)

Intake	Discharge						
UNTREATED INTAKE WATER	TREATED INTAKE WATER	AVERAGE (DAILY)	MINIMUM (OPERATING YEAR)	MAXIMUM (OPERATING YEAR)	SAMPLE FREQUENCY	CONTINUOUS MONITORING	
PARAMETER AND CODE	(1)	(2)	(3)	(4)	(5)	(6)	(7)
COLOR 00080							
SPECIFIC CONDUCTANCE 00095							
TURBIDITY 00070							
FECAL STREPTOCOCCI BACTERIA 74054							
FECAL COLIFORM BACTERIA 74055							
TOTAL COLIFORM BACTERIA 74056							

CCR 000036255

PART B

(Office use only)

Discharge Serial No.

B-2. CHEMICAL PARAMETERS OF INTAKE WATER AND DISCHARGE (See Table B-2)

Intake	Discharge										
PARAMETER AND CODE	UNTREATED INTAKE WATER	TREATED INTAKE WATER	MAXIMUM CONCENTRATION	MAXIMUM POUNDS PER DAY PER PROCESS UNIT	MAXIMUM POUNDS PER DAY	DAILY AVG. CONCENTRATION	AVERAGE POUNDS PER DAY	SAMPLE TYPE	SAMPLE FREQUENCY	METHOD OF ANALYSIS	CONTINUOUS MONITORING
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
ACIDITY (as CaCO ₃) 00435											
TOTAL ORGANIC CARBON (T.O.C.) 00680											
TOTAL HARDNESS 00900											
NITRITE (as N) 00615											
ORGANIC NITROGEN 00605											
PHOSPHORUS-ORTHO (as P) 70507											
SULFATE 00945											
SULFIDE 00745											
SULFITE 00740											
BROMIDE 71870											

PART B

(Office use only)

Discharge Serial No.

B-2. (cont.)

CHEMICAL PARAMETERS OF INTAKE WATER AND DISCHARGE (See Table B-2)

Intake	Discharge										
PARAMETER AND CODE	UNTREATED INTAKE WATER	TREATED INTAKE WATER	MAXIMUM CONCENTRATION	MAXIMUM POUNDS PER DAY PER PROCESS UNIT	MAXIMUM POUNDS PER DAY	DAILY AVG. CONCENTRATION	AVERAGE POUNDS PER DAY	SAMPLE TYPE	METHOD OF ANALYSIS	CONTINUOUS MONITORING	
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
CHLORIDE 00940											
CYANIDE 00720											
FLUORIDE 00951											
ALUMINUM-TOTAL 01105											
ANTIMONY-TOTAL 01097											
ARSENIC-TOTAL 01002											
BARIUM-TOTAL 01007											
BERYLLIUM-TOTAL 01012											
BORON-TOTAL 01022											
CADMIUM-TOTAL 01027											

PART B

(Office use only)

Discharge Serial No.

B-2. (cont.)

CHEMICAL PARAMETERS OF INTAKE WATER AND DISCHARGE (See Table B-2)

Intake	Discharge										
PARAMETER AND CODE	UNTREATED INTAKE WATER	TREATED INTAKE WATER	MAXIMUM CONCENTRATION	MAXIMUM POUNDS PER DAY PER PROCESS UNIT	MAXIMUM POUNDS PER DAY	DAILY AVG. CONCENTRATION	AVERAGE POUNDS PER DAY	SAMPLE TYPE	SAMPLE FREQUENCY	METHOD OF ANALYSIS	CONTINUOUS MONITORING
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
CALCIUM-TOTAL 00916											
CHROMIUM-TOTAL 01034											
COBALT-TOTAL 01037											
COPPER-TOTAL 01042											
IRON-TOTAL 01045											
LEAD-TOTAL 01051											
MAGNESIUM-TOTAL 00927											
MANGANESE-TOTAL 01055											
MERCURY-TOTAL 71900											
MOLYBDENUM-TOTAL 01062											

PART B

(Office use only)

Discharge Serial No.

B-2. (cont.)

CHEMICAL PARAMETERS OF INTAKE WATER AND DISCHARGE (See Table B-2)

Intake		Discharge										
PARAMETER AND CODE	UNTREATED INTAKE WATER	TREATED INTAKE WATER	MAXIMUM CONCENTRATION	MAXIMUM POUNDS PER DAY PER PROCESS UNIT	MAXIMUM POUNDS PER DAY	DAILY AVG. CONCENTRATION	AVERAGE POUNDS PER DAY	SAMPLE TYPE	METHOD OF ANALYSIS	CONTINUOUS MONITORING		
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	
NICKEL-TOTAL 01067												
POTASSIUM-TOTAL 00937												
SELENIUM-TOTAL 01147												
SILVER-TOTAL 01077												
SODIUM-TOTAL 00929												
THALLIUM-TOTAL 01059												
TIN-TOTAL 01102												
TITANIUM-TOTAL 01152												
ZINC-TAL 01092												
OIL AND GREASE 00550								CCR 000036259				

CCR 000036259

PART B

(Office use only)

Discharge Serial No.

B-2. (cont.)

CHEMICAL PARAMETERS OF INTAKE WATER AND DISCHARGE (See Table B-2)

Intake	Discharge										
PARAMETER AND CODE	UNTREATED INTAKE WATER	TREATED INTAKE WATER	MAXIMUM CONCENTRATION	MAXIMUM POUNDS PER DAY PER PROCESS UNIT	MAXIMUM POUNDS PER DAY	DAILY AVG. CONCENTRATION	AVERAGE POUNDS PER DAY	SAMPLE TYPE	SAMPLE FREQUENCY	METHOD OF ANALYSIS	CONTINUOUS MONITORING
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
PHENOLS 32730											
SURFACTANTS 38260											
ALGICIDES* 74051											
CHLORINATED HYDRO-CARBONS* (EXCEPT PESTICIDES) 74052											
PESTICIDES* 74053											

*Name specific compound(s) and fill in the required data for each. Use extra blanks at the end of the form and the "Remarks" space as necessary.

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PART B

(Office use only)

Discharge Serial No.

B-3. RADIOACTIVE PARAMETERS OF INTAKE WATER AND DISCHARGE (See Table B-3)

Intake	Discharge						
UNTREATED INTAKE WATER	TREATED INTAKE WATER	AVERAGE (DAILY)	MINIMUM (OPERATING YEAR)	MAXIMUM (OPERATING YEAR)	SAMPLE FREQUENCY	CONTINUOUS MONITORING	
PARAMETER AND CODE	(1)	(2)	(3)	(4)	(5)	(6)	(7)
ALPHA-TOTAL 01501							
ALPHA COUNTING ERROR 01502							
BETA-TOTAL 03501							
BETA COUNTING ERROR 03502							
GAMMA-TOTAL 05501							
GAMMA COUNTING ERROR 05502							
TRITIUM-TOTAL 07000							
TRITIUM COUNTING ERROR 07001							

B-4. REMARKS

CCR 000036261

DEPARTMENT OF THE ARMY, CORPS OF ENGINEERS

APPLICATION FOR PERMIT TO DISCHARGE OR WORK IN NAVIGABLE WATERS AND THEIR TRIBUTARIES

SECTION I. GENERAL INFORMATION

1. State	Application Number (to be assigned by Corps of Engineers)			
— —	Div.	Dist.	Type	Sequence No.

2. Name of applicant and title of signing official

3. Mailing address of applicant

4. Name, address, telephone number and title of applicant's authorized agent for permit application coordination and correspondence.

NOTE TO APPLICANT: Refer to the pamphlet entitled "Permits for Work and Structures in and for Discharges or Deposits into Navigable Waters" before attempting to complete this form.

Required Information

- All information contained in this application will, upon request, be made available to the public for inspection and copying. A separate sheet entitled "Confidential Answers" must be used to set out information which is considered by the applicant to constitute trade secrets or commercial or financial information of a confidential nature. The information must clearly indicate the item number to which it applies. Confidential treatment can be considered only for that information for which a specific written request of confidentiality has been made on the attached sheet. However, in no event will identification of the contents and frequency of a discharge be recognized as confidential or privileged information.
- The applicant shall furnish such supplementary information as is required by the District Engineer in order to evaluate fully an application.
- If additional space is needed for a complete response to any item on this form, attach a sheet entitled "Additional Information." Indicate on that sheet the item numbers to which answers apply.
- Drawings required by items 20 and 21 should be attached to this application. Other papers which must be attached to this application include, if applicable, copies of a water quality certification or a written communication which describes water quality impact (see Item 22 and Item 10 of Section II below), the additional information sheet(s) in "c" above, and the confidential information sheet described in "a" above.

Fees

If any discharge or deposit is involved, an application fee of \$100 must be submitted with this application. An additional \$50 is required for each additional point of discharge or deposit.

Signature

- If a discharge is involved, an application submitted by a corporation must be signed by the principal executive officer of that corporation or by an official of the rank of corporate vice president or above who reports directly to such principal executive officer and who has been designated by the principal executive officer to make such applications on behalf of the corporation. In the case of a partnership or a sole proprietorship, the application must be signed by a general partner or the proprietor. Other signature requirements are discussed in the pamphlet.
- If no discharge is involved, an application may be signed by the applicant or his authorized agent.

Application is hereby made for a permit or permits to authorize the activities described herein. I certify that I am familiar with the information contained in this application, and that to the best of my knowledge and belief such information is true, complete, and accurate.

18 U.S.C. Section 1001 provides that:

Signature of Applicant

Whoever, in any matter within the jurisdiction of any department or agency of the United States knowingly and wilfully falsifies, conceals or covers up by any trick, scheme, or device a material fact, or makes any false, fictitious or fraudulent statements or representations, or makes or uses any false writing or document knowing same to contain any false, fictitious or fraudulent statement or entry, shall be fined not more than \$10,000 or imprisoned not more than five years, or both.

CCR 000036262

FOR CORPS OF ENGINEERS USE ONLY

Acronym name of applicant

Are discharge structures

Date received, form not complete

Major? ☐

Minor? ☐

N/A? ☐

Date received, form complete but without certificate

Date sent to EPA, form not complete

Date received, form complete

Date sent to EPA, NOAA, D/I, AEC,

Date of Cert./Ltr.

FPC in complete form

day mo yr

day mo yr

5. Date mo day yr	(Office use only)
6. Check type of application: a. Original ☐ b. Revision ☐	7. Number of original application
8. Name of facility where discharge or construction will occur. 	
9. Full mailing address of facility named in item 8 above. 	
10. Names and mailing addresses of all adjoining property owners whose property also adjoins the waterway. 	
11. Check to indicate the nature of the proposed activity: a. Dredging ☐ b. Construction ☐ c. Construction with Discharge ☐ b. Discharge only ☐	
12. If activity is temporary in nature, estimate its duration in months.	
If application is for a discharge:	
13. List intake sources	
Source	Estimated Volume in Million Gallons Per day or Fraction Thereof
Municipal or private water supply system	_____
Surface water body	_____
Ground water	_____
Other	_____
14. Describe water usage within the plant	
Type	Estimated Volume in Million Gallons Per day or Fraction Thereof
Cooling water	_____
Boiler Feed water	_____
Process water	_____
Sanitary system*	_____
Other	_____
15. List volume of discharges or losses other than into navigable waters.	
Type	Estimated Volume in Million Gallons Per day or Fraction Thereof
Municipal waste treatment system	_____
Surface containment	_____
Underground disposal	_____
Waste Acceptance firms	_____
Evaporation	_____
Consumption	_____
* Indicate number employees served per day	

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If structures exist, or dredging, filling or other construction will occur, the precise location of the activity must be described.

(Office use only)

- a. Name the corporate boundaries within which the structures exist or the activity will occur.

16. State

17. County

18. City or Town

- b. Name of waterway at the location of the activity

19. _____

20. Maps and sketches which show the location and character of each structure or activity, including any and all outfall devices, dispersive devices, and non-structural points of discharge, must be attached to this application.

21. For construction or work in navigable waters for which a separate permit is sought under 33 U.S.C. 403, the character of each structure must be fully shown on detailed plans to be submitted with this application. Note on the drawings those structures for which separate discharge information (Section II of this form) has been submitted.

22. List all approvals or denials granted by Federal, interstate, State or local agencies for any structures, construction, discharges or deposits described in this application.

Type of document

Id. No.

Date

Issuing Agency

23. Check if facility existed or was lawfully under construction prior to April 3, 1970. ☐

24. If dredging or filling will occur:

State the type of materials involved, their volume in cubic yards, and the proposed method of measurement.

25. Describe the proposed method of instrumentation which will be used to measure the volume of any solids which may be deposited and to determine its effect upon the waterway.

26. State rates and periods of deposition described in Item 25.

CCR 000036264



DEPARTMENT OF THE ARMY
NEW ORLEANS DISTRICT, CORPS OF ENGINEERS
P. O. BOX 60267
NEW ORLEANS, LOUISIANA 70160

LMNOD-SP

28 April 1971

PUBLIC NOTICE

Interested parties are hereby notified that changes have taken place in the Department of the Army permit program administered by this office. Among the major changes are the following:

1. Applications for all types of permits or revisions of permits must be made on ENG Form 4345 (APR 71). Applications by letter will no longer be accepted.

2. If a discharge or deposit into a navigable waterway or a tributary of a navigable waterway, other than dredged spoil, is involved, an ENG Form 4345-1 (APR 71) must be submitted for each location where a discharge is made.

3. A processing fee of one hundred dollars (\$100.00) minimum has been instituted for those applications which involve a discharge. The fee must be paid before an application may be processed.

4. A new instruction pamphlet has been prepared which describes the new program for permits for discharges and deposits and which furnishes detailed instructions on how to fill out the new application forms.

Additional information, copies of ENG Forms 4345 and 4345-1, and copies of the instruction booklet may be obtained from the Permits Section at this office.

You are requested to communicate the information contained in this letter to any other parties whom you deem likely to have an interest in the matter.

Herbert R. Haar, Jr.
HERBERT R. HAAR, JR.
Colonel, CE
District Engineer

CCR 000036265

DEPARTMENT OF THE ARMY, CORPS OF ENGINEERS

APPLICATION FORM FOR DISCHARGES OR WORK IN NAVIGABLE WATERS AND THEIR TRIBUTARIES

SECTION I. GENERAL INFORMATION

1 State	Application Number (to be assigned by Corps of Engineers)			
— —	Div	Dist.	Type	Sequence No

2 Name of applicant and title of signing official

3. Mailing address of applicant

4. Name, address, telephone number and title of applicant's authorized agent for permit application coordination and correspondence.

NOTE TO APPLICANT: Refer to the Information Pamphlet before attempting to complete this form.

Signature

- a. If a discharge is involved, an application submitted by a corporation must be signed by the principal executive officer of that corporation or by an official of the rank of corporate vice president or above who reports directly to such principal executive officer and who has been designated by the principal executive officer to make such applications on behalf of the corporation. In the case of a partnership or a sole proprietorship, the application must be signed by a general partner or the proprietor.
- b. If no discharge is involved, an application may be signed by the applicant or his authorized agent.

Required Information

- a. All information contained in this application will, upon request, be made available to the public for inspection and copying. A separate sheet entitled "Confidential Answers" must be used to set out information which is considered by the applicant to constitute trade secrets or commercial or financial information of a confidential nature. The information must clearly indicate the item number to which it applies. Confidential treatment can be considered only for that information for which a specific written request of confidentiality has been made on the attached sheet. However, in no event will identification of the contents of a discharge be recognized as confidential or privileged information.
- b. The applicant shall furnish such supplementary information as is required by the District Engineer in order to evaluate fully an application.
- c. If additional space is needed for a complete response to any item on this form, attach a sheet entitled "Additional Information." Indicate on that sheet the item numbers to which answers apply.
- d. Drawings required by Items 20 and 21 should be attached to this application. Other papers which must be attached to this application include, if applicable, copies of a water quality certification or a written communication which describes water quality impact (see Item 22 and Item 9 of Section II below), the additional information sheet(s) in "c" above, and the confidential information sheet described in "a" above.

Fees

If any discharge or deposit is involved, an application fee of \$100 must be submitted with this application. An additional \$50 is required for each additional discharge or deposit. This provision does not apply to agencies or instrumentalities of the Federal, State, or local governments.

Application is hereby made for a permit or permits to authorize the activities described herein. I certify that I am familiar with the information provided above, and that to the best of my knowledge and belief such information is true, complete, and accurate.

18 U.S.C. Section 1001 provides that:

Signature of Applicant

Whoever, in any matter within the jurisdiction of any department or agency of the United States knowingly and wilfully falsifies, conceals or covers up by any trick, scheme, or device a material fact, or makes any false, fictitious or fraudulent statements or representations, or makes or uses any false writing or document knowing same to contain any false, fictitious or fraudulent statement or entry, shall be fined not more than \$10,000 or imprisoned not more than five years, or both.

FOR CORPS OF ENGINEERS USE ONLY		CCR 000036266	
Acronym name of applicant		Are discharge structures	
		Major? ☐	Minor? ☐
Date received, form not complete	— — — — —	Date sent to EPA, form not complete	— — — — —
Date received, form complete but without certificate	— — — — —	Date sent to EPA, NOAA, D/I, AEC, FPC in complete form	— — — — —
Date received, form complete	— — — — —		
Date of Cert./Ltr.	— — — — —		
	day mo yr		day mo yr

If structures exist, or dredging, filling or other construction will occur, the precise location of the activity must be described.

(Office use only)

- a. Name the corporate boundaries within which the structures exist or the activity will occur.

State

County

City or Town

16. _____ 17. _____ 18. _____

- b. Name of waterway at the location of the activity

19. _____

20. Maps which show the location of each structure or activity, including any and all outfall devices, dispersive devices, and non-structural points of discharge, must be attached to this application.

21. The character of each structure must be fully shown on plans to be submitted with this application. Note on the drawings those structures for which separate discharge information (Section II of this form) has been submitted.

22. List all approvals or denials granted by Federal, interstate, State or local agencies for any structures, construction, discharges or deposits described in this application.

Type of document

Id. No.

Date

Issuing Agency

23. Check if facility existed or was lawfully under construction prior to April 3, 1970. ☐

24. If dredging or filling will occur:

State the type of materials involved, their volume in cubic yards, and the proposed method of measurement.

25. Describe the proposed method of instrumentation which will be used to measure the volume of any solids deposited and to determine its effect upon the waterway.

26. State rates and periods of deposition described in Item 25.

CCR 000036268

[illegible]

PROCESS WATER AND DISCHARGE DESCRIPTION

21. PHYSICAL PARAMETERS		(OFFICE USE ONLY)						
PARAMETER AND (CODE)	DISCHARGE			SAMPLE TYPE	SAMPLE FREQUENCY	SAMPLE METHOD	DISCHARGE SERIAL NO.	
	INITIAL PROCESS WATER (DAILY AVERAGE CONCENTRATION)	INSTANTANEOUS MAXIMUM	AVERAGE (DAILY)				CONTINUOUS MONITORING	
FLOW								
pH								
TEMPERATURE (WINTER)								
TEMPERATURE (SUMMER)								
COLOR								
ODOR								
SPECIFIC								
SPECIFIC CONDUCTANCE								
TURBIDITY								
RADIOACTIVITY								

CCR 000036270

22. CHEMICAL PARAMETERS										
PARAMETER AND (CODE)	DISCHARGE					(OFFICE USE ONLY)				
	INITIAL PROCESS WATER (DAILY AVERAGE CONCENTRATION)	MAXIMUM POUNDS PER MINUTE	MAXIMUM CONCENTRATION	MAXIMUM POUNDS PER DAY	AVERAGE POUNDS PER DAY	DISCHARGE SERIAL NO.	SAMPLE TYPE	SAMPLE FREQUENCY	SAMPLE METHOD	CONTINUOUS MONITORING
ACIDITY (as Ca CO ₃)										
ALKALINITY (as Ca CO ₃)										
TOTAL HARDNESS										
TOTAL SOLIDS										
TOTAL DISSOLVED SOLIDS										
TOTAL VOLATILE SOLIDS										
TOTAL SUSPENDED SOLIDS										
TOTAL ORGANIC CARBON (T.O.C.)										
DISSOLVED OXYGEN (D.O.)										
B.O.D. 5-DAY										
B.O.D. ULTIMATE										
CHEMICAL OXYGEN DEMAND (C.O.D.)										
TOTAL OXYGEN DEMAND (T.O.D.)						CCR 000036271				

CHEMICAL PARAMETERS (Continued)										
PARAMETER AND (CODE)	DISCHARGE					(OFFICE USE ONLY)				
	INITIAL PROCESS WATER (DAILY AVERAGE CONCENTRATION)	MAXIMUM POUNDS PER MINUTE	MAXIMUM CONCENTRATION	MAXIMUM POUNDS PER DAY PER PROCESS UNIT	MAXIMUM POUNDS PER DAY	AVERAGE POUNDS PER DAY	SAMPLE TYPE	SAMPLE FREQUENCY	SAMPLE METHOD	DISCHARGE SERIAL NO. CONTINUOUS MONITORING
AMMONIA (as N)										
KJELDAHL NITROGEN										
ORGANIC NITROGEN										
NITRATE (as N)										
NITRITE (as N)										
PHOSPHORUS-ORTHO (as P)										
PHOSPHORUS TOTAL (as P)										
SULFATE										
SULFIDE										
SULFITE										
BROMIDE										
CHLORIDE										
CYANIDE										
FLUORIDE										

CCR 000036272

CHEMICAL PARAMETERS (Continued)											
PARAMETER AND (CODE)	DISCHARGE					(OFFICE USE ONLY)					
	INITIAL PROCESS WATER (DAILY AVERAGE CONCENTRATION)	MAXIMUM POUNDS PER MINUTE	MAXIMUM CONCENTRATION	MAXIMUM POUNDS PER PROCESS UNIT	MAXIMUM POUNDS PER DAY	AVERAGE POUNDS PER DAY	DISCHARGE SERIAL NO.	SAMPLE TYPE	SAMPLE FREQUENCY	SAMPLE METHOD	CONTINUOUS MONITORING
ALUMINUM											
ANTIMONY											
ARSENIC											
BERYLLIUM											
BORON											
CADMIUM											
CALCIUM											
COBALT											
CHROMIUM											
COPPER											
IRON											
LEAD											
MAGNESIUM											

CCR 000036273

CHEMICAL PARAMETERS (Continued)										
PARAMETER AND (CODE)	DISCHARGE					(OFFICE USE ONLY)				
	INITIAL PROCESS WATER (DAILY AVERAGE CONCENTRATION)	MAXIMUM POUNDS PER MINUTE	MAXIMUM CONCENTRATION	MAXIMUM POUNDS PER DAY PER PROCESS UNIT	AVERAGE POUNDS PER DAY					
									DISCHARGE SERIAL NO.	
									SAMPLE TYPE	SAMPLE FREQUENCY
									SAMPLE METHOD	CONTINUOUS MONITORING
MERCURY										
MOLYBDENUM										
NICKEL										
SELENIUM										
SILVER										
TIN										
ZINC										
ALGICIDES										
OIL AND GREASE										
PHENOLS										
SURFACTANTS										

CCR 000036274

23.

BIOLOGICAL PARAMETERS

PARAMETER AND (CODE)	DISCHARGE			(OFFICE USE ONLY)			
	INITIAL PROCESS WATER (DAILY AVERAGE CONCENTRATION)	INSTANTANEOUS MAXIMUM	AVERAGE (DAILY)	SAMPLE TYPE	SAMPLE FREQUENCY	SAMPLE METHOD	DISCHARGE SERIAL NO.
FECAL STREPTOCOCCI							
FECAL COLIFORM							
TOTAL COLIFORM							
OTHERS							

24. Have all known hazardous substances in your plant been inventoried to assure that there exists no possibility of any hazardous substance other than those described above entering this discharge? YES ☐ NO ☐

25. REMARKS

CCR 000036276