

MIDDLESEX COUNTY UTILITIES AUTHORITY

P.O. Box 159, Sayreville, NJ 08872-0159

(732)721-3800 Fax(732)727-2254

TEMPORARY DISCHARGE APPROVAL APPLICATION

Groundwater Remediation Control

___ New ___ Renew ___ Modify TDA No. _____

SECTION 1. APPLICANT/RESPONSIBLE PARTY:

1.1. Company name, mailing address, and telephone number.

Telephone No. _____

1.2. Site Identification

I. Site name: _____

II. Street: _____

III. City: _____

IV. State/Zip Code/County: _____

V. Owner/Operator: _____

VI. Telephone no.: _____

VII. Type of Ownership: ___ Federal ___ State ___ County
___ Municipal ___ Private ___ Unknown

VIII. Site Description: _____

1.3 Person to contact concerning information herein:

Name/Title: _____

Company: _____

Telephone: _____

1.4 Authorized representative for the applicant/responsible party:

Name/Title _____

Company : _____

Telephone: _____

1.5 Operational status of any facilities at the site:

Open ____ Closed ____ Under Construction ____ Proposed ____

Date began/ended/proposed to begin _____

1.6 Please indicate if the facility employs (past, present) a process in any of the following industrial categories or business activities listed below:

- Aluminum Forming
- Asbestos Manufacturing
- Battery Manufacturing
- Builder's Paper Board and Mills
- Carbon Black Manufacturing
- Cement Manufacturing
- Coil Coating
- Copper Forming
- Dairy Products Processing
- Electrical & Electronic Components
- Electroplating/Metal Finishing
- Explosives Manufacturing
- Feedlots
- Ferroalloy Manufacturing
- Fertilizer Manufacturing
- Food/Edible Products- Specify: _____
- Glass Manufacturing
- Grain Mills Manufacturing
- Gum & Wood Chemicals
- Hospitals
- Industrial Laundries
- Ink Formulating
- Inorganic Chemicals
- Iron & Steel
- Leather Tanning & Finishing
- Meat Processing
- Metal Products & Machinery
- Metal Molding & Casting (Foundries)
- Mining and Processing
- Nonferrous Metals Forming and Metal Powders
- Nonferrous Metals Manufacturing
- Oil and Gas Extraction/Coastal Oil & Gas
- Organic Chemicals, Plastics and Synthetic Fibers
- Paint Formulating
- Paving and Roofing Materials(tars and Asphalts)
- Pesticide Chemicals/Formulating & Packaging
- Petroleum Refining
- Pharmaceutical Manufacturing
- Phosphate Manufacturing

- ___ Photographic Processing
- ___ Plastics Molding and Forming
- ___ Porcelain Enameling
- ___ Pulp, Paper, and Paperboard
- ___ Rubber Manufacturing
- ___ Soap & Detergent Manufacturing
- ___ Steam Electric Power Generating
- ___ Textile Mills
- ___ Timber Products Processing
- ___ Transportation Equipment Cleaning
- ___ Waste Treatment
- ___ Other – explain: _____

SECTION 2. DISCHARGE INFORMATION

2.1 Description of project and need for Temporary Discharge Approval.
(Attach additional sheets if necessary)

2.2 NJDEP Case Number

Name: _____

Division: _____

Bureau: _____

Address: _____

Telephone: _____

2.3 Duration of proposed discharge

___ Days ___ Weeks ___ Months ___ Years

A Temporary Discharge Approval shall have a term of one year, renewable each year upon application to and the approval of the Authority, subject to a maximum life of 5 years. After a Temporary Discharge Approval reaches its maximum life of 5 years, it shall expire and the discharge shall cease, unless the Authority, in its discretion, determines to issue a new Temporary Discharge Approvals.

2.4 Volume of propose discharge

_____ Gallons per minute

_____ Gallons per day

_____ Total gallons for duration of project maximum of one year.

2.5 Pretreatment of proposed discharge

___ Air Flotation

___ Biological Treatment, type_____

___ Centrifuge

___ Chemical Precipitation

___ Chlorination

___ Cyclone

___ Filtration

___ Flow Equalization

___ Grease Trap

___ Grit Removal

___ Ion Exchange

___ Neutralization, pH Correction

___ Oil or Grease Separation, type_____

___ Ozonation

___ Rainwater Diversion or Storage_____

___ Reverse Osmosis

___ Screen

___ Sedimentation

___ Septic Tank

___ Solvent Separation

___ Spill Prevention

___ Sump

___ Other, explain_____

___ No Pretreatment Provided

SECTION 3. PROPOSED DISCHARGE CONSTITUENT CONCENTRATIONS

Please indicate by placing an “x” in the appropriate box by each listed chemical whether it is “Believed Absent”, or “Believed Present” in the proposed discharge. If the effluent concentration is known or can be estimated, please fill in the appropriate space next to the chemical. If any analyses have been performed on the proposed discharge attach a copy of the most recent data to this application. Be sure to include the date of the analysis, name of the laboratory performing the analysis, location(s) from which sample(s) were taken (attach sketches, plans, etc., as necessary), type of sample taken (e.g. composite, grab), and chain of custody form. Please indicate which concentration measurements are estimated with an E, and explain estimation process.

3.1A USEPA PRIORITY POLLUTANT

Chemical Compound	Believed Absent	Believed Present	Known or Suspected Conc. (mg/L)
Acenaphthene	[]	[]	[]
Acrolein	[]	[]	[]
Acrylonitrile	[]	[]	[]
Benzene	[]	[]	[]
Benzidine	[]	[]	[]
Carbon tetrachloride	[]	[]	[]
Chlorobenzene	[]	[]	[]
1,2,4-Trichlorobenzene	[]	[]	[]
Hexachlorobenzene	[]	[]	[]
1,2-Dichloroethane	[]	[]	[]
1,1,1-Trichloroethane	[]	[]	[]
Hexachlorobenzene	[]	[]	[]
1,1,2-Trichloroethane	[]	[]	[]
1,1,2,2-Tetrachloroethane	[]	[]	[]
Chloroethane	[]	[]	[]
Bis(chloromethyl)ether	[]	[]	[]
Bis(2-chloroethyl)ether	[]	[]	[]
2-Chloroethyl vinyl ether	[]	[]	[]
2-Chloronaphthalene	[]	[]	[]
2,4,6-Trichlorophenol	[]	[]	[]
p-Chloro-m-cresol	[]	[]	[]
Chloroform	[]	[]	[]
2-Chlorophenol	[]	[]	[]
1,2-Dichlorobenzene	[]	[]	[]
1,3-Dichlorobenzene	[]	[]	[]
1,4-Dichlorobenzene	[]	[]	[]
3,3-Dichlorobenzidine	[]	[]	[]
1,1-Dichloroethylene	[]	[]	[]
1,2-Trans-Dichloroethylene	[]	[]	[]
2,4-Dichlorophenol	[]	[]	[]
1,2-Dichloropropane	[]	[]	[]
1,3-Dichloropropylene	[]	[]	[]
(1,3-dichloropropene)	[]	[]	[]
2,4-Dimethylphenol	[]	[]	[]
2,4-Dinitrotoluene	[]	[]	[]
2,6-Dinitrotoluene	[]	[]	[]
1,2-Diphenylhydrazine	[]	[]	[]
Ethylbenzene	[]	[]	[]
Fluoranthene	[]	[]	[]
4-Chorophenyl phenyl ether	[]	[]	[]

3.1A USEPA PRIORITY POLLUTANT Continued

Chemical Compound	Believed Absent	Believed Present	Known or Suspected Conc. (mg/L)
4-Bromophenyl phenyl ether	[]	[]	[]
Bis(2-chloroisopropyl)ether	[]	[]	[]
Bis(2-chloroethoxy)methane	[]	[]	[]
Methylene chloride	[]	[]	[]
Methyl chloride (Chloromethane)	[]	[]	[]
Methyl bromide (Bromomethane)	[]	[]	[]
Bromoform	[]	[]	[]
Dichlorobromomethane	[]	[]	[]
Chlorodibromoethane	[]	[]	[]
Hexachlorobutadiene	[]	[]	[]
Hexachlorocyclopentadiene	[]	[]	[]
Isohprone	[]	[]	[]
Naphthalene	[]	[]	[]
Nitrobenzene	[]	[]	[]
2-Nitrophenol	[]	[]	[]
4-Nitrophenol	[]	[]	[]
4,6-Dinitro-o-cresol	[]	[]	[]
N-nitrosodimethylamine	[]	[]	[]
N-nitrosodiphenylamine	[]	[]	[]
N-nitrosodi-n-propylamine	[]	[]	[]
Pentachlorophenol	[]	[]	[]
Phenol	[]	[]	[]
Bis(2-ethylhexyl)phthalate	[]	[]	[]
Butyl benzyl phthalate	[]	[]	[]
Di-n-butyl phthalate	[]	[]	[]
Di-n-octyl phthalate	[]	[]	[]
Diethyl phthalate	[]	[]	[]
Dimethyl phthalate	[]	[]	[]
Benzo(a)anthracene	[]	[]	[]
Benzo(a)pyrene	[]	[]	[]
3,4,-Benzofluoranthene	[]	[]	[]
Benzo(k)fluoranthene	[]	[]	[]
Chrysene	[]	[]	[]
Acenaphthylene	[]	[]	[]
Anthracene	[]	[]	[]
Benzo(ghi)perylene	[]	[]	[]
Fluorene	[]	[]	[]
Phenanthrene	[]	[]	[]
Dibenzo(a,h)anthracene	[]	[]	[]

3.4A USEPA PRIORITY POLLUTANT Continued

Chemical Compound	Believed Absent	Believed Present	Known or Suspected Conc. (mg/L)
Indeno(1,2,3-cd)pyrene	[]	[]	[]
Pyrene	[]	[]	[]
Tetrachloroethylene (Perchlor)	[]	[]	[]
Toluene	[]	[]	[]
Trichloroethylene (Trichloroethene)	[]	[]	[]
Vinyl chloride	[]	[]	[]
Aldrin	[]	[]	[]
alpha-BHC	[]	[]	[]
beta-BHC	[]	[]	[]
gamma-BHC (Lindane)	[]	[]	[]
delta-BHC	[]	[]	[]
4,4-DDT	[]	[]	[]
4,4-DDE	[]	[]	[]
4,4-DDD	[]	[]	[]
Chlordane	[]	[]	[]
Dieldrin	[]	[]	[]
Endosulfan I	[]	[]	[]
Endosulfan II	[]	[]	[]
Endosulfan sulfate	[]	[]	[]
Endrin	[]	[]	[]
Endrin aldehyde	[]	[]	[]
Heptachlor epoxide	[]	[]	[]
Toxaphene	[]	[]	[]
PCB-1016	[]	[]	[]
PCB-1221	[]	[]	[]
PCB-1232	[]	[]	[]
PCB-1242	[]	[]	[]
PCB-1248	[]	[]	[]
PCB-1254	[]	[]	[]
PCB-1260	[]	[]	[]
Antimony(total)	[]	[]	[]
Arsenic(total)	[]	[]	[]
Beryllium(total)	[]	[]	[]
Cadmium(total)	[]	[]	[]
Chromium(total)	[]	[]	[]
Copper(total)	[]	[]	[]
Cyanide(total)	[]	[]	[]
Lead(total)	[]	[]	[]
Mercury(total)	[]	[]	[]

3.4A USEPA PRIORITY POLLUTANT Continued

Chemical Compound	Believed Absent	Known or Believed Present	Suspected Conc. (mg/L)
Nickel(total)	[]	[]	[]
Selenium(total)	[]	[]	[]
Silver(total)	[]	[]	[]
Thallium(total)	[]	[]	[]
Zinc(total)	[]	[]	[]
2,3,7,8-tetrachloro- dibenzo-p-dioxin	[]	[]	[]

3.4B NJDEPE EXPANDED PRIORITY POLLUTANTS Continued

Chemical Compound	Believed Absent	Believed Present	Known or Suspected Conc. (mg/L)
Acrylamide	[]	[]	[]
Amitrole	[]	[]	[]
Amyl alcohols	[]	[]	[]
Aniline hydrochloride	[]	[]	[]
Anisole	[]	[]	[]
Auramine	[]	[]	[]
Benzotrichloride	[]	[]	[]
Benzylamine	[]	[]	[]
o-Chloroaniline	[]	[]	[]
m-Chloroaniline	[]	[]	[]
p-Chloroaniline	[]	[]	[]
1-Chloro-2-nitrobenzene	[]	[]	[]
1-Chloro-4-nitrobenzene	[]	[]	[]
Chloroprene	[]	[]	[]
Chrysoidine	[]	[]	[]
Cumene	[]	[]	[]
2,3-Dichloroaniline	[]	[]	[]
2,4- Dichloroaniline	[]	[]	[]
2,5- Dichloroaniline	[]	[]	[]
3,4- Dichloroaniline	[]	[]	[]
3,5-Dichloroaniline	[]	[]	[]
1,3-Dichloropropene	[]	[]	[]
1,3'-Dimethoxybenzidine	[]	[]	[]
n,n-Dimethyl aniline	[]	[]	[]
3,3'-Dimethyl benzidine	[]	[]	[]
1,1-Dimethylhydrazine	[]	[]	[]
Dioxane	[]	[]	[]
Diphenylamine	[]	[]	[]
Ethylenimine	[]	[]	[]
Hydrazine	[]	[]	[]
4,4'-Methylene bis (2-Chloroaniline)	[]	[]	[]
4,4'-Methylenedianiline	[]	[]	[]
Methyl isobutyl ketone	[]	[]	[]
alpha-Naphthylamine	[]	[]	[]
beta-Naphthylamine	[]	[]	[]
n-Methylaniline	[]	[]	[]
1,2-Phenylenediamine	[]	[]	[]
1,3-Phenylenediamine	[]	[]	[]
1,4-Phenylenediamine	[]	[]	[]

3.4B NJDEPE EXPANDED PRIORITY POLLUTANTS Continued

<u>Chemical Compound</u>	<u>Believed Absent</u>	<u>Believed Present</u>	<u>Known or Suspected Conc. (mg/L)</u>
Sudan I (Solvent yellow 14)	[]	[]	[]
Thiourea	[]	[]	[]
Toluene sulfonic acids	[]	[]	[]
Toluidines	[]	[]	[]
Xylidines	[]	[]	[]

3.4C USEPA HAZARDOUS SUBSTANCES

Chemical Compound	Believed Absent	Believed Present	Known or Suspected Conc. (mg/L)
Acetaldehyde	[]	[]	[]
Allyl alcohol	[]	[]	[]
Allyl chloride	[]	[]	[]
Amyl acetate	[]	[]	[]
Aniline	[]	[]	[]
Benzonitrile	[]	[]	[]
Benzyl chloride	[]	[]	[]
Butyl acetate	[]	[]	[]
Butylamine	[]	[]	[]
Captan	[]	[]	[]
Carbaryl	[]	[]	[]
Carbofuran	[]	[]	[]
Carbon disulfide	[]	[]	[]
Chlorpyrifos	[]	[]	[]
Coumaphos	[]	[]	[]
Cresol	[]	[]	[]
Crotonaldehyde	[]	[]	[]
Cyclohexane	[]	[]	[]
2,4-D (2,4-dichlorophenoxy acetic acid)	[]	[]	[]
Diazinon	[]	[]	[]
Dicamba	[]	[]	[]
Dichlobenil	[]	[]	[]
Dichlone	[]	[]	[]
2,2-Dichloropropionic acid	[]	[]	[]
Dichlorvos	[]	[]	[]
Diethyl amine	[]	[]	[]
Dimethyl amine	[]	[]	[]
Dinitrobenzene	[]	[]	[]
Diguat	[]	[]	[]
Disulfoton	[]	[]	[]
Diuron	[]	[]	[]
Epichlorohydrin	[]	[]	[]
Ethanolaminie	[]	[]	[]
Ethion	[]	[]	[]
Ethylene diamine	[]	[]	[]
Ethylene dibromide	[]	[]	[]
Formaldehyde	[]	[]	[]
Furfural	[]	[]	[]
Guthion	[]	[]	[]
Isoprene	[]	[]	[]

3.4C	USEPA HAZARDOUS SUBSTANCES Continued	Believed	Believed	Known or
	Chemical	Absent	Present	Suspected
	Compound			Conc. (mg/L)
	Isopropanolamine	[]	[]	[]
	Kelthane	[]	[]	[]
	Kepone	[]	[]	[]
	Malathion	[]	[]	[]
	Mercaptodimethur	[]	[]	[]
	Methoxychlor	[]	[]	[]
	Methyl mercaptan	[]	[]	[]
	Methyl methacrylate	[]	[]	[]
	Methyl parathion	[]	[]	[]
	Mevinphos	[]	[]	[]
	Mexacarbate	[]	[]	[]
	Monoethyl aminie	[]	[]	[]
	Monomethyl amine	[]	[]	[]
	Naled	[]	[]	[]
	Napthenic acid	[]	[]	[]
	Nitrotoulene	[]	[]	[]
	Parathion	[]	[]	[]
	Phenosulfanate	[]	[]	[]
	Phosgene	[]	[]	[]
	Propargite	[]	[]	[]
	Propylene oxide	[]	[]	[]
	Pyrethrins	[]	[]	[]
	Quinoline	[]	[]	[]
	Resorcinol	[]	[]	[]
	Strontium	[]	[]	[]
	Strychnine	[]	[]	[]
	Styrene	[]	[]	[]
	2,4,5-T (2,4,5-Trichloro- phenoxy acetic acid)	[]	[]	[]
	TDE (Tetrachloro- diphenylethane)	[]	[]	[]
	2,4,5-TP [2-(2,4,5-Trichloro- phenoxy) propanoic acid]	[]	[]	[]
	Trichlorofon	[]	[]	[]
	Triethylamine	[]	[]	[]
	Trimethylamine	[]	[]	[]
	Uranium	[]	[]	[]
	Vanadium	[]	[]	[]
	Vinyl acetate	[]	[]	[]
	Xylene	[]	[]	[]
	Xylenol	[]	[]	[]
	Zirconium	[]	[]	[]

3.4D MCUA PARAMETERS

Chemical Compound	Believed Absent	Believed Present	Known or Suspected Conc. (mg/L)
Ammonia	[]	[]	[]
Aluminum, Total	[]	[]	[]
Barium, Total	[]	[]	[]
Biological Oxygen Demand	[]	[]	[]
Boron, Total	[]	[]	[]
Bromide	[]	[]	[]
Chemical Oxygen Demand	[]	[]	[]
Chlorine, Total Residual	[]	[]	[]
Cobalt, Total	[]	[]	[]
Color	[]	[]	[]
Fluoride	[]	[]	[]
Iron, Total	[]	[]	[]
Magnesium, Total	[]	[]	[]
Molybendum, Total	[]	[]	[]
Maganese, Total	[]	[]	[]
Nitrate-Nitrite (as N)	[]	[]	[]
Oil & Grease	[]	[]	[]
Petroleum Hydrocarbons	[]	[]	[]
pH(in S.U.)	[]	[]	[]
Phosphorous, Total(as P)	[]	[]	[]
Radioactivity	[]	[]	[]
Sulfate(as SO4)	[]	[]	[]
Sulfide(as S)	[]	[]	[]
Sulfite(as SO3)	[]	[]	[]
Surfactants	[]	[]	[]
Temperature(°C)	[]	[]	[]
Tin, Total	[]	[]	[]
Titanium, Total	[]	[]	[]
TKN(as N)	[]	[]	[]
Total Organic Carbon	[]	[]	[]
Total Dissolved Solids	[]	[]	[]
Total Suspended Solids	[]	[]	[]

SECTION 4. SITE PLAN

Please provide a site plan indicating all activities which make-up the proposed discharge and indicate the proposed connection to the wastewater collection system.

SECTION 5. CERTIFICATION

This is to be signed by an authorized representative of the Applicant/Responsible Party **after** completion and review of the information in this Temporary Discharge Application.

I have personally examined and am familiar with the information submitted in sections 1, 2, 3, 4 and all attachments. Based upon my inquiry of those individuals immediately responsible for obtaining the information reported herein, I believe that the submitted information is true, accurate and complete, I am aware that there are significant penalties for submitting false information, including the possibility of fine and/or imprisonment.

Signature of Authorized Representative*

Date

Name & Title

Return completed application and all other correspondence to: Middlesex County Utilities Authority, P.O. Box 159, Sayreville, NJ 08872. Attention: Environmental Quality (732)721-3800

*Signatory Requirements For Applicant/Responsible Party

The Temporary Discharge Approval shall be signed as follows:

- (1). By a responsible corporate officer, if the Applicant/Responsible Party is a corporation. For the purpose of this paragraph, a responsible corporate officer means (i) a president, secretary, treasurer, or vice-president of the corporation in charge of a principle business function, or any other person who performs similar policy- or decision-making functions for the corporation, or (ii) the manager of one or more manufacturing, production, or operation facilities employing more than 250 persons or having gross annual sales or expenditures exceeding \$25 million (in second-quarter 1980 dollars), if authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures.
- (2). By a general partner or proprietor if the Applicant/Responsible Party is a partnership or sole proprietorship respectively.
- (3). By a director or highest official appointed or designated to oversee the operation and performance of the activities of the government facility, if the Applicant/Responsible Party is a Federal, State, or local government facility.
- (4). By a duly authorized representative of the individual designated in paragraph (1) through (3) above if:
 - (i). The authorization is made in writing by the individual described in paragraph (1) through (3);
 - (ii). the authorization specifies either an individual or a position having responsibility for the overall operation of the facility from which the discharge originates, such as the position of plant manager, operator of a well, or well field superintendent, or a position of equivalent responsibility, or having overall responsibility for environmental matters for the company; and
 - (iii). the written authorization is submitted to the Middlesex County Utilities Authority.
- (5). If an authorization under paragraph (4) above is no longer accurate because a different individual or position has responsibility for the overall operation of the facility, or overall responsibility for environmental matters for the company, a new authorization satisfying the requirements of paragraph (4) above must be submitted to the Middlesex County Utilities Authority prior to or together with any reports to be signed by an authorized representative.