

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: _____

Email: _____

1.4 Authorized representative for the applicant/responsible party:

Name/Title: _____

Company: _____

Telephone: _____

Email: _____

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-Chlorophenyl 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	Believed Present	Known or 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

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	[]	[]	[]

3.4B NJDEPE EXPANDED PRIORITY POLLUTANTS Continued

Chemical Compound	Believed Absent	Believed Present	Known or Suspected Conc. (mg/L)
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	[]	[]	[]
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	[]	[]	[]
Chloropyrifos	[]	[]	[]
Coumaphos	[]	[]	[]
Cresol(s)	[]	[]	[]
Crotonaldehyde	[]	[]	[]
Cyclohexane	[]	[]	[]

3.4C USEPA HAZARDOUS SUBSTANCES Continued

Chemical Compound	Believed Absent	Believed Present	Known or Suspected Conc. (mg/L)
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	[]	[]	[]
Isopropanolamine	[]	[]	[]
Kelthane	[]	[]	[]
Kepon	[]	[]	[]
Malathion	[]	[]	[]
Mercaptodimethur	[]	[]	[]
Methoxychlor	[]	[]	[]
Methyl mercaptan	[]	[]	[]
Methyl methacrylate	[]	[]	[]
Methyl parathion	[]	[]	[]
Mevinphos	[]	[]	[]
Mexacarbate	[]	[]	[]
Monoethyl aminie	[]	[]	[]
Monomethyl amine	[]	[]	[]
Naled	[]	[]	[]
Napthenic acid	[]	[]	[]
Nitrotoulene	[]	[]	[]
Parathion	[]	[]	[]
Phenosulfanate	[]	[]	[]
Phosgene	[]	[]	[]

3.4C USEPA HAZARDOUS SUBSTANCES Continued

Chemical Compound	Believed Absent	Believed Present	Known or Suspected Conc. (mg/L)
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)
Acetone (2-Propanone)	[]	[]	[]
Ammonia	[]	[]	[]
Aluminum, Total	[]	[]	[]
Barium, Total	[]	[]	[]
Biological Oxygen Demand	[]	[]	[]
Boron, Total	[]	[]	[]
Bromide	[]	[]	[]
Chemical Oxygen Demand	[]	[]	[]
Chlorine, Total Residual	[]	[]	[]
Cobalt, Total	[]	[]	[]
Color	[]	[]	[]
Ethyl acetate	[]	[]	[]

3.4D MCUA PARAMETERS Continued

Chemical Compound	Believed Absent	Believed Present	Known or Suspected Conc. (mg/L)
Fluoride	[]	[]	[]
n-Heptane	[]	[]	[]
n-Hexane	[]	[]	[]
Iron, Total	[]	[]	[]
Isobutyraldehyde	[]	[]	[]
Isopropyl acetate	[]	[]	[]
Isopropyl alcohol	[]	[]	[]
Isopropyl ether	[]	[]	[]
Magnesium, Total	[]	[]	[]
Methyl formate	[]	[]	[]
4-Methyl-2-pentanone (MIBK)	[]	[]	[]
Molybdenum, Total	[]	[]	[]
Manganese, Total	[]	[]	[]
Nitrate-Nitrite (as N)	[]	[]	[]
Oil & Grease	[]	[]	[]
Petroleum Hydrocarbons	[]	[]	[]
pH (in S.U.)	[]	[]	[]
Phenols, Total	[]	[]	[]
Phosphorous, Total(as P)	[]	[]	[]
Radioactivity	[]	[]	[]
Sulfate(as SO4)	[]	[]	[]
Sulfide(as S)	[]	[]	[]
Sulfite(as SO3)	[]	[]	[]
Surfactants	[]	[]	[]
Temperature(°C)	[]	[]	[]
Tetrahydrofuran (THF)	[]	[]	[]
Tin, Total	[]	[]	[]
Titanium, Total	[]	[]	[]
Total Dissolved Solids	[]	[]	[]
Total Kjeldahl Nitrogen (TKN) (as N)	[]	[]	[]
Total Organic Carbon	[]	[]	[]
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.