

NPDES PUBLIC NOTICE

Application for National Pollutant Discharge Elimination
System (NPDES) Permit to Discharge to State Waters

Southeast Regional Office: Regional Clean Water Program Manager, 2 E Main Street, Norristown, PA 19401, Telephone: 484.250.5970.

PA0056766, Storm Water, SIC Code 4581, City of Philadelphia Department of Commerce - Division Of Aviation, Terminal E, Philadelphia, PA 19153. Facility Name: Philadelphia International Airport. This existing facility is located in City of Philadelphia, Philadelphia County.

Description of Existing Activity: The application is for a renewal of an NPDES permit for an existing discharge of Storm Water associated with industrial activities.

The receiving stream(s), Delaware River, Unnamed Tributary to Delaware River and Unnamed Tributary to Mingo Creek, is located in State Water Plan watershed 3-F and 3-G and is classified for Warm Water Fishes, Migratory Fishes and Warm Water Fishes, aquatic life, water supply and recreation. The discharge is not expected to affect public water supplies.

The proposed effluent limits for Outfall 001 are based on stormwater.

Parameters	Mass (lb/day)		Concentration (mg/l)			
	Average Monthly	Daily Maximum	Minimum	Average Monthly	Daily Maximum	Instant. Maximum
Flow (MGD) Dec 1 - Jun 30	Report	XXX	XXX	XXX	XXX	XXX
pH (S.U.) Dec 1 - Jun 30	XXX	XXX	6.0	XXX	XXX	9.0
CBOD5 Dec 1 - Jun 30	XXX	XXX	XXX	Report	XXX	XXX
Chemical Oxygen Demand Dec 1 - Jun 30	XXX	XXX	XXX	Report	XXX	XXX
Total Suspended Solids Dec 1 - Jun 30	XXX	XXX	XXX	Report	XXX	XXX
Oil and Grease Dec 1 - Jun 30	XXX	XXX	XXX	Report	XXX	XXX
Nitrate-Nitrite as N Dec 1 - Jun 30	XXX	XXX	XXX	Report	XXX	XXX
Ammonia-Nitrogen Dec 1 - Jun 30	XXX	XXX	XXX	Report	XXX	XXX
Total Kjeldahl Nitrogen Dec 1 - Jun 30	XXX	XXX	XXX	Report	XXX	XXX
Total Phosphorus Dec 1 - Jun 30	XXX	XXX	XXX	Report	XXX	XXX
Total Iron Dec 1 - Jun 30	XXX	XXX	XXX	Report	XXX	XXX
Total Potassium Dec 1 - Jun 30	XXX	XXX	XXX	Report	XXX	XXX
Acetic Acid Dec 1 - Jun 30	XXX	XXX	XXX	Report	XXX	XXX
Ethylene Glycol Dec 1 - Jun 30	XXX	XXX	XXX	Report	XXX	XXX
Propylene Glycol Dec 1 - Jun 30	XXX	XXX	XXX	Report	XXX	XXX
Urea Dec 1 - Jun 30	XXX	XXX	XXX	Report	XXX	XXX

The proposed effluent limits for Outfall 005 are based on stormwater.

Parameters	Mass (lb/day)		Concentration (mg/l)			
	Average Monthly	Daily Maximum	Minimum	Average Monthly	Daily Maximum	Instant. Maximum
Flow (MGD) Dec 1 - Jun 30	Report	XXX	XXX	XXX	XXX	XXX
pH (S.U.) Dec 1 - Jun 30	XXX	XXX	6.0	XXX	XXX	9.0
CBOD5 Dec 1 - Jun 30	XXX	XXX	XXX	Report	XXX	XXX
Chemical Oxygen Demand Dec 1 - Jun 30	XXX	XXX	XXX	Report	XXX	XXX
Total Suspended Solids Dec 1 - Jun 30	XXX	XXX	XXX	Report	XXX	XXX
Oil and Grease Dec 1 - Jun 30	XXX	XXX	XXX	Report	XXX	XXX
Nitrate-Nitrite as N Dec 1 - Jun 30	XXX	XXX	XXX	Report	XXX	XXX
Ammonia-Nitrogen Dec 1 - Jun 30	XXX	XXX	XXX	Report	XXX	XXX
Total Kjeldahl Nitrogen Dec 1 - Jun 30	XXX	XXX	XXX	Report	XXX	XXX
Total Phosphorus Dec 1 - Jun 30	XXX	XXX	XXX	Report	XXX	XXX
Total Iron Dec 1 - Jun 30	XXX	XXX	XXX	Report	XXX	XXX
Total Potassium Dec 1 - Jun 30	XXX	XXX	XXX	Report	XXX	XXX
Acetic Acid Dec 1 - Jun 30	XXX	XXX	XXX	Report	XXX	XXX
Ethylene Glycol Dec 1 - Jun 30	XXX	XXX	XXX	Report	XXX	XXX
Propylene Glycol Dec 1 - Jun 30	XXX	XXX	XXX	Report	XXX	XXX
Urea Dec 1 - Jun 30	XXX	XXX	XXX	Report	XXX	XXX

The proposed effluent limits for Outfall 101 are based on stormwater.

Parameters	Mass (lb/day)		Concentration (mg/l)			
	Average Monthly	Daily Maximum	Minimum	Average	Maximum	Instant. Maximum
Oil and Grease	XXX	XXX	XXX	15	30	XXX
TRPH	XXX	XXX	XXX	15	30	XXX

The proposed effluent limits for Outfall 201 are based on stormwater.

Parameters	Mass (lb/day)		Concentration (mg/l)			
	Average Monthly	Daily Maximum	Minimum	Average	Maximum	Instant. Maximum
Oil and Grease	XXX	XXX	XXX	15	30	XXX
TRPH	XXX	XXX	XXX	15	30	XXX

In addition, the permit contains the following major special conditions:

- I.
 - A. Remedial Measures (Public Nuisance)
 - B. BAT/ELG Reopener Clause
 - C. Property Rights
 - D. Change of Ownership
 - E. TMDL/WLA Analysis
 - F. Laboratory Certification
 - G. Sludge disposal
 - H. Product Contaminated Storm Water Runoffs
 - I. Tank Bottom Water
 - J. Definitions
 - K. BMPs for Petroleum Marketing Terminals
 - L. No urea requirement
- II. Requirements applicable to stormwater outfalls

You may make an appointment to review the DEP files on this case by calling the File Review Coordinator at 484-250-5910.

The EPA Waiver is in effect.

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The proposed effluent limits for Outfall 001 are based on stormwater.

Parameters	Mass (lb/day)		Concentration (mg/l)			
	Average Monthly	Daily Maximum	Minimum	Average Monthly	Daily Maximum	Instant. Maximum
Flow (MGD) Dec 1 - Jun 30	Report	XXX	XXX	XXX	XXX	XXX
pH (S.U.) Dec 1 - Jun 30	XXX	XXX	6.0	XXX	XXX	9.0
CBOD5 Dec 1 - Jun 30	XXX	XXX	XXX	Report	XXX	XXX
Chemical Oxygen Demand Dec 1 - Jun 30	XXX	XXX	XXX	Report	XXX	XXX
Total Suspended Solids Dec 1 - Jun 30	XXX	XXX	XXX	Report	XXX	XXX
Oil and Grease Dec 1 - Jun 30	XXX	XXX	XXX	Report	XXX	XXX
Nitrate-Nitrite as N Dec 1 - Jun 30	XXX	XXX	XXX	Report	XXX	XXX
Ammonia-Nitrogen Dec 1 - Jun 30	XXX	XXX	XXX	Report	XXX	XXX
Total Kjeldahl Nitrogen Dec 1 - Jun 30	XXX	XXX	XXX	Report	XXX	XXX
Total Phosphorus Dec 1 - Jun 30	XXX	XXX	XXX	Report	XXX	XXX
Total Iron Dec 1 - Jun 30	XXX	XXX	XXX	Report	XXX	XXX
Total Potassium Dec 1 - Jun 30	XXX	XXX	XXX	Report	XXX	XXX
Acetic Acid Dec 1 - Jun 30	XXX	XXX	XXX	Report	XXX	XXX
Ethylene Glycol Dec 1 - Jun 30	XXX	XXX	XXX	Report	XXX	XXX
Propylene Glycol Dec 1 - Jun 30	XXX	XXX	XXX	Report	XXX	XXX
Urea Dec 1 - Jun 30	XXX	XXX	XXX	Report	XXX	XXX

The proposed effluent limits for Outfall 005 are based on stormwater.

Parameters	Mass (lb/day)		Concentration (mg/l)			
	Average Monthly	Daily Maximum	Minimum	Average Monthly	Daily Maximum	Instant. Maximum
Flow (MGD) Dec 1 - Jun 30	Report	XXX	XXX	XXX	XXX	XXX
pH (S.U.) Dec 1 - Jun 30	XXX	XXX	6.0	XXX	XXX	9.0
CBOD5 Dec 1 - Jun 30	XXX	XXX	XXX	Report	XXX	XXX
Chemical Oxygen Demand Dec 1 - Jun 30	XXX	XXX	XXX	Report	XXX	XXX
Total Suspended Solids Dec 1 - Jun 30	XXX	XXX	XXX	Report	XXX	XXX
Oil and Grease Dec 1 - Jun 30	XXX	XXX	XXX	Report	XXX	XXX
Nitrate-Nitrite as N Dec 1 - Jun 30	XXX	XXX	XXX	Report	XXX	XXX
Ammonia-Nitrogen Dec 1 - Jun 30	XXX	XXX	XXX	Report	XXX	XXX
Total Kjeldahl Nitrogen Dec 1 - Jun 30	XXX	XXX	XXX	Report	XXX	XXX
Total Phosphorus Dec 1 - Jun 30	XXX	XXX	XXX	Report	XXX	XXX
Total Iron Dec 1 - Jun 30	XXX	XXX	XXX	Report	XXX	XXX
Total Potassium Dec 1 - Jun 30	XXX	XXX	XXX	Report	XXX	XXX
Acetic Acid Dec 1 - Jun 30	XXX	XXX	XXX	Report	XXX	XXX
Ethylene Glycol Dec 1 - Jun 30	XXX	XXX	XXX	Report	XXX	XXX
Propylene Glycol Dec 1 - Jun 30	XXX	XXX	XXX	Report	XXX	XXX
Urea Dec 1 - Jun 30	XXX	XXX	XXX	Report	XXX	XXX

The proposed effluent limits for Outfall 101 are based on stormwater.

Parameters	Mass (lb/day)		Concentration (mg/l)			
	Average Monthly	Daily Maximum	Minimum	Average	Maximum	Instant. Maximum
Oil and Grease	XXX	XXX	XXX	15	30	XXX
TRPH	XXX	XXX	XXX	15	30	XXX

The proposed effluent limits for Outfall 201 are based on stormwater.

Parameters	Mass (lb/day)		Concentration (mg/l)			
	Average Monthly	Daily Maximum	Minimum	Average	Maximum	Instant. Maximum
Oil and Grease	XXX	XXX	XXX	15	30	XXX
TRPH	XXX	XXX	XXX	15	30	XXX

In addition, the permit contains the following major special conditions:

- I.
 - A. Remedial Measures (Public Nuisance)
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 - C. Property Rights
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 - E. TMDL/WLA Analysis
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