

MINOR NPDES PERMIT MODIFICATION

issued to

Permittee:

Tweed-New Haven Airport Authority
Administration Building
155 Burr Street
New Haven, Connecticut 06512

Location Address:

155 Burr Street
New Haven, Connecticut

Attention: Lori Hoffman Soares

Facility ID: 093-292

Permit ID: CT0030457

Permit Modification Expires: April 16, 2013

This minor permit modification is issued in accordance with section 22a-430 of Chapter 446k, Connecticut General Statutes ("CGS"), section 22a-430-4(p)(5) of the Regulations of Connecticut State Agencies ("RCSA") adopted thereunder, as amended, and Section 402(b) of the Clean Water Act, as amended 33 USC 1251, et. seq., and pursuant to an approval dated September 26, 1973, by the Administrator of the United States Environmental Protection Agency for the State of Connecticut to administer a N.P.D.E.S. permit program.

The Commissioner of Environmental Protection ("the Commissioner") has made a final determination on this permit modification and found that the erosion and sediment control measures to be installed for the treatment of stormwater and dewatering wastewaters from construction activities will protect the waters of the state from pollution. The Commissioner's decision is based on Application No. 200901139 for permit modification received on April 17, 2009 and the administrative record established in the processing of that application.

Tweed-New Haven Airport Authority, ("Permittee"), shall comply with all conditions of Permit No. CT0030457 issued on April 16, 2008 with the following modifications:

Table A has been modified to include three (3) additional discharge locations from dewatering settling basins to be installed for the treatment of stormwater and dewatering wastewaters from excavations and stockpiles during construction activities associated with the installation of the Runway 20 safety area. ***However, no more than two (2) of the five (5) discharge locations associated with the Runway 20 safety area may be in use at any time.***

Please refer to the attached Table A.

The Commissioner hereby authorizes the Permittee to discharge in accordance with the provisions of this permit modification, Permit No. CT0030457, the above referenced application, and all approvals issued by the Commissioner or the Commissioner's authorized agent for the discharges and/or activities authorized by, or associated with, this permit.

The Commissioner reserves the right to make appropriate revisions to the permit in order to establish any appropriate effluent limitations, schedules of compliance, or other provisions that may be authorized under the Clean Water Act or the Connecticut General Statutes or regulations adopted thereunder, as amended. The permit as modified under this paragraph may also contain any other requirements of the Clean Water Act or Connecticut General Statutes or regulations adopted thereunder which are then applicable.

All other terms and conditions of Permit No. CT0030457 issued on April 16, 2008 shall continue in full force and effect.

This minor modification is hereby issued on May 15, 2009.

/s/ KIM E. HUDAK, P.E
Kim E. Hudak, P.E.
Assistant Director
Bureau of Materials Management and
Compliance Assurance

KH/KLA
Permit No. CT0030457

Sent RRR

Table A

Discharge Serial Number: 101-1, 101-2, 101-3, 102-1 and 102-2⁵ | **Monitoring Location: 1**
Wastewater Description: Dewatering wastewaters from excavations and stockpiles during construction of the Runway 20 Safety Area at the north end of site
Monitoring Location Description: Discharge from dewatering settling basin (sample from only one basin)⁵

| PARAMETER | UNITS | FLOW/TIME BASED MONITORING | | | | INSTANTANEOUS MONITORING | | | Minimum Level Test ³ |
|--|-------|----------------------------|---------------------|---|---|---------------------------------------|----------------------------|---|---------------------------------|
| | | Average Monthly Limit | Maximum Daily Limit | Sample/Reporting Frequency ² | Sample Type or Measurement to be reported | Instantaneous limit or required range | Sample/Reporting Frequency | Sample Type or measurement to be reported | |
| Aquatic Toxicity ⁴ , <i>Daphnia pulex</i> NOAEL=100 | % | NA | NA | NR | NA | ≥90% Survival | Monthly | Grab | |
| Aquatic Toxicity ⁴ , <i>Pimephales promelas</i> NOAEL=100 | % | NA | NA | NR | NA | ≥90% Survival | Monthly | Grab | |
| Aquatic Toxicity ⁴ , <i>Mysidopsis bahia</i> NOAEL=100 | % | NA | NA | NR | NA | ≥90% Survival | Monthly | Grab | |
| Aquatic Toxicity ⁴ , <i>Cyprinodon variegatus</i> NOAEL=100 | % | NA | NA | NR | NA | ≥90% Survival | Monthly | Grab | |
| Aluminum, Total | mg/l | NA | NA | NR | NA | ----- | Monthly | Grab | X |
| Arsenic, Total | mg/l | NA | NA | NR | NA | ----- | Monthly | Grab | X |
| Biochemical Oxygen Demand (BOD) | mg/l | NA | NA | NR | NA | ----- | Monthly | Grab | |
| Copper, Dissolved | mg/l | NA | NA | NR | NA | ----- | Monthly | Grab | X |
| Copper, Total | mg/l | NA | NA | NR | NA | ----- | Monthly | Grab | X |
| Flow, Total ¹ | gpd | NA | ----- | Monthly | Daily Flow | NA | NR | NA | |
| Iron, Total | mg/l | NA | NA | NR | NA | ----- | Monthly | Grab | |
| Lead, Total | mg/l | NA | NA | NR | NA | ----- | Monthly | Grab | X |
| Nickel, Total | mg/l | NA | NA | NR | NA | ----- | Monthly | Grab | X |
| Oil and Grease, Total | mg/l | NA | NA | NR | NA | 10.0 | Monthly | Grab | |
| Polyaromatic Hydrocarbons (PAHs) | mg/l | NA | NA | NR | NA | ----- | Monthly | Grab | X |
| pH | S.U. | NA | NA | NR | NA | 6.0 – 9.0 | Monthly | Grab | |
| Total Suspended Solids | mg/l | NA | NA | NR | NA | 30.0 | Monthly | Grab | |
| Turbidity | NTU | NA | NA | NR | NA | ----- | Monthly | Grab | X |
| Zinc, Total | mg/l | NA | NA | NR | NA | ----- | Monthly | Grab | X |

Table Footnotes and Remarks:

Footnotes:

¹ For this parameter the Permittee shall maintain at the facility a record of the total flow for each day of discharge from both discharge locations. The Permittee shall report on the DMR the Maximum Daily Flow for the month for the sampled location.

² The first entry in this column is the 'Sample Frequency'. If a 'Reporting Frequency' does not follow this entry and the 'Sample Frequency' is more frequent than monthly then the 'Reporting Frequency' is monthly. If the 'Sample frequency' is specified as monthly, or less frequent, then the 'Reporting Frequency' is the same as the 'Sample Frequency'.

³ Minimum Level Test refers to Section 6(A) of this permit.

⁴ The results of the Toxicity Tests shall be recorded in % on the Discharge Monitoring Report (DMR). See Section 6(B) of this permit for Toxicity Test information. For the aquatic toxicity test species that was not utilized during the Toxicity Test, the Permittee shall write "Monitoring Conditional" on the DMR.

⁵ The general locations of the five (5) dewatering settling basins are identified in Application No. 200901139 received on April 17, 2009.

NO MORE THAN TWO (2) OF THE FIVE (5) DISCHARGE LOCATIONS ASSOCIATED WITH THE RUNWAY 20 SAFETY AREA MAY BE IN USE AT ANY TIME.

The Permittee shall identify on the DMR which discharge location was sampled. For the locations that were not sampled, the Permittee shall write "Monitoring Conditional" on the DMR.

Remarks:

See Section 10: Compliance Schedule for additional sampling requirements.