



STATE OF CONNECTICUT  
DEPARTMENT OF ENVIRONMENTAL PROTECTION



MINOR NPDES PERMIT MODIFICATION

RECEIVED

DEC 22 2008

issued to

Permittee:

Connecticut Resources Recovery Authority (CRRA)  
100 Constitution Plaza, 6<sup>th</sup> Floor  
Hartford, CT 06103-1722

Location Address CRRA  
DEPARTMENTAL

Reserve Road, Gate 20  
Hartford, CT 06114

Attention: Peter Egan, Director of Environmental Services

**Facility ID:** 064-067

**Permit ID:** CT0003875

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 continuance of the existing discharge will not cause pollution of the waters of the state. The Commissioner's decision is based on Application No. 200201838 for permit modification received on March 4, 2005 and the administrative record established in the processing of that application.

Connecticut Resources Recovery Authority (CRRA), ("Permittee"), shall comply with all conditions of Permit No. CT0003875 issued on November 17, 2004 with the modification specified in the "Revised Table G" attached.

The Commissioner hereby authorizes the Permittee to discharge in accordance with the provisions of this permit modification, permit Application No. 200201838, 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. CT0003875 issued on November 17, 2004 shall continue in full force and effect.

This minor modification is hereby issued on the *2<sup>nd</sup> of December, 2008.*

*Kim E. Hudak*  
Kim E. Hudak, P.E.  
Assistant Director  
Water Permitting and Enforcement Division  
Bureau of Materials Management and Compliance Assurance

KH/CN  
Permit No. CT0003875  
Sent RRR

CERTIFIED TO BE A TRUE COPY  
Connecticut Department of  
Environmental Protection

NAME: Theresa Iacone  
TITLE: Processing Tech.

Revised Table G

Monitoring Location: 101-H Intake Cooling Water		Monitoring Location: G								
Wastewater Description: Inlet to screen house 1 or 3										
Monitoring Location Description: Service water pump common discharge pressure connection located in screen house #3										
PARAMETER	UNITS	FLOW/TIME BASED MONITORING				INSTANTANEOUS MONITORING				Minimum Level Test <sup>3</sup>
		Average Monthly Limit	Maximum Daily Limit	Sample/Reporting Frequency <sup>2</sup>	Sample Type or Measurement to be reported	Instantaneous limit or required range	Sample/Reporting Frequency	Sample Type or measurement to be reported		
Ammonia as Nitrogen*	mg/l	NA	-----	Quarterly	Daily Composite	NA	NR	NA	NA	
Copper, Total*	mg/l	NA	-----	Quarterly	Daily Composite	NA	NR	NA	NA	*
Flow, Instantaneous	gpm	NA	NA	NR	NA	-----	Hourly	Instantaneous		
Flow, Average <sup>1</sup>	MGD	-----	NA	Daily/Monthly	Daily Flow	NA	NR	NA	NA	
Flow, Maximum <sup>1</sup>	MGD	NA	-----	Daily/Monthly	Daily Flow	NA	NR	NA	NA	
Iron, Total*	mg/l	NA	-----	Quarterly	Daily Composite	NA	NR	NA	NA	
Lead, Total*	mg/l	NA	-----	Quarterly	Daily Composite	NA	NR	NA	NA	*
Manganese, Total*	mg/l	NA	-----	Quarterly	Daily Composite	NA	NR	NA	NA	
Nickel, Total*	mg/l	NA	-----	Quarterly	Daily Composite	NA	NR	NA	NA	*
Number of Pumps in Operation	#	NA	NA	NR	NA	-----	Hourly	Instantaneous		
Nitrogen, Nitrate*	mg/l	NA	-----	Quarterly	Daily Composite	NA	NR	NA	NA	
Nitrogen, Nitrite*	mg/l	NA	-----	Quarterly	Daily Composite	NA	NR	NA	NA	
Oil & Grease, Total*	mg/l	NA	NA	NR	NA	-----	Quarterly	Grab		
pH*	S.U.	NA	NA	NR	NA	-----	Monthly	RDS		
pH, Continuous*	S.U.	NA	NA	NR	NA	-----	Continuous//Monthly	RDM		
Temperature*	°F	NA	NA	NR	NA	-----	Hourly	Instantaneous		
Total Suspended Solids*	mg/l	NA	-----	Quarterly	Daily Composite	NA	NR	NA	NA	
Total Residual Oxidant*	mg/l	NA	NA	NR	NA	-----	Quarterly	Grab		*
Zinc, Total*	mg/l	NA	-----	Quarterly	Daily Composite	NA	NR	NA	NA	*

**Table Footnotes and Remarks:**

**Footnotes:**

<sup>1</sup> For this parameter the Permittee shall maintain at the facility a record of the total flow for each day of discharge and shall report the Average Daily Flow and the Maximum Daily Flow for each month.

<sup>2</sup> The first entry in this column is the 'Sample Frequency'. If this entry is not followed by a 'Reporting Frequency' 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'.

<sup>3</sup> Minimum Level Test refers to Section 6 Paragraph A of this permit.

**Remarks:**

\*Sampling for these parameters above shall be conducted concurrently at both the influent monitoring location 001H and effluent at the frequency stated above.