

**CITY OF YORK, PENNSYLVANIA  
DEPARTMENT OF PUBLIC WORKS  
YORK CITY WASTEWATER TREATMENT PLANT**

**INDUSTRIAL WASTEWATER CONTRIBUTION PERMIT NUMBER CYP-0005**

In compliance with the provisions of the City of York, Pennsylvania Code, Section 931.03,  
**Envirite of Pennsylvania, Inc.,  
dba EQ Holdings, Inc. (The Environmental Quality Company)  
730 Vogelsong Road  
York, Pennsylvania 17404**

is hereby authorized to discharge into the City of York, Pennsylvania sewage works from the above facility located in the municipality of  
**City of York, York County**

in accordance with the effluent limitations, monitoring requirements and other conditions set forth in Parts A, B and C hereof.


This permit shall become effective on **January 25, 2011**. This permit and the authorization to discharge shall expire at midnight **September 30, 2012**.

If there is a conflict between the permit application, its supporting documents and/or amendments, the conditions of this permit shall apply.

Failure to comply with the provisions of Article 931 or 933 of the York City code or with the provisions of federal general or applicable categorical pretreatment regulations or with the terms or conditions of this permit shall void the authority to discharge given to the permittee by this permit.

Noncompliance with any term or condition of this permit shall constitute a violation of the York City Wastewater Treatment Plant sewer use ordinance.

If the permittee wishes to continue to discharge after the expiration date of this permit, an application must be filed for a renewal permit in accordance with the requirements of Article 931.03(f) of the Codified Ordinances of the City of York, a minimum of 120 days prior to the expiration date.

PERMIT ISSUED BY:   
Steven E. Douglas, General Manager  
York City Wastewater Treatment Plant

DATE: 01-27-2011

**PART A - EFFLUENT LIMITATIONS**

**a. EFFLUENT LIMITATIONS**

1. The permitted discharge points are described as follows:  
**Discharge 001:** Control Manhole 001: West side of facility, outside near lime silo. This discharge location is downstream from Discharge 002.  
**Discharge 002:** Effluent Weir Box 001: Inside facility, post treatment.
2. The permittee is authorized to discharge during the period beginning **January 25, 2011** and lasting through **September 30, 2012**.
3. The daily flow of effluent discharged from the facility shall not exceed **60,000** gallons per day. The rate of discharge from process flows together with other sanitary sewer discharges from the property shall not overload the hydraulic capacity of the receiving sewer line.
4. The quality of effluent shall be limited at all times as specified in Article 931 of the Codified Ordinances of the City of York and as follows in the table below. Any variances from the conditions set forth in Article 931 require the approval of Council and are included in an attachment bearing said approval.

<u>Parameter</u>	<u>Maximum Daily Limit</u>	<u>Maximum Monthly Average</u>
Flow (discharge)	<b>60,000 gpd</b>	----
pH <sup>L</sup>	Within the limits of 5.5 to 11.0 Standard Units, inclusive, at all times.	----
BOD <sup>L</sup>	3,000 mg/l	----
Total Suspended Solids <sup>L</sup>	----	----
Phosphorus as P <sup>L</sup>	----	----
Ammonia as N <sup>L</sup>	----	----
Antimony	0.249 mg/l <sup>F</sup>	0.206 mg/l <sup>F</sup>
Arsenic	0.162 mg/l <sup>F</sup>	0.104 mg/l <sup>F</sup>
Cadmium	0.16 mg/l <sup>L</sup>	0.0962 mg/l <sup>F</sup>
Cobalt	0.192 mg/l <sup>F</sup>	0.124 mg/l <sup>F</sup>
Chromium	0.9 mg/l <sup>L</sup>	3.07 mg/l <sup>F</sup>
Copper	1.6 mg/l <sup>L</sup>	1.06 mg/l <sup>F</sup>
Cyanide, Total	0.9 mg/l <sup>L</sup>	----
Lead	0.5 mg/l <sup>L</sup>	0.283 mg/l <sup>F</sup>
Mercury	0.00234 mg/l <sup>F</sup>	0.000739 mg/l <sup>F</sup>
Molybdenum	3.0 mg/l <sup>L</sup>	----
Nickel	1.5 mg/l <sup>L</sup>	1.45 mg/l <sup>F</sup>
Selenium	0.5 mg/l <sup>L</sup>	----
Silver	0.120 mg/l <sup>F</sup>	0.0351 mg/l <sup>F</sup>
Tin	0.409 mg/l <sup>F</sup>	0.120 mg/l <sup>F</sup>
Titanium	0.0947 mg/l <sup>F</sup>	0.0618 mg/l <sup>F</sup>
Vanadium	0.218 mg/l <sup>F</sup>	0.0662 mg/l <sup>F</sup>
Zinc	2.87 mg/l <sup>F</sup>	0.641 mg/l <sup>F</sup>
Oil & Grease <sup>L</sup>	100 mg/l by weight of extractable oil and grease.	----
Flash Point <sup>L</sup>	not less than 60° C (140° F)	----
Temperature <sup>L</sup>	not more than 82° C (180° F) upon reaching the public sewer	----
Cyanide in-plant limitation	500mg/l <sup>F</sup>	178 mg/l <sup>F</sup>

<sup>L</sup>- The source of this limit is Article 931.02.b.

<sup>F</sup>- The source of this limit is 40 CFR 437.15.

**b. MONITORING REQUIREMENTS**

1. From the Period beginning **January 25, 2011** until **September 30, 2012** the permittee shall monitor Discharge 001 or Discharge 002 for the following parameters, at the indicated frequency:

<u>Sample Parameter</u>	<u>Measurement Location</u>	<u>Frequency</u>	<u>Sample Type</u>
Flow (total gallons)	001 or 002	Three times per quarter	Meter(s)
pH	001 or 002	Three times per quarter	Grab
Ammonia as N	001 or 002	Three times per quarter	24-hour composite
Biochemical Oxygen Demand	001 or 002	Three times per quarter	24-hour composite
Total Suspended Solids	001 or 002	Three times per quarter	24-hour composite
Phosphorous as P	001 or 002	Three times per quarter	24-hour composite
Antimony	001 or 002	Three times per quarter	24-hour composite
Arsenic	001 or 002	Three times per quarter	24-hour composite
Cadmium	001 or 002	Three times per quarter	24-hour composite
Chromium	001 or 002	Three times per quarter	24-hour composite
Cobalt	001 or 002	Three times per quarter	24-hour composite
Copper	001 or 002	Three times per quarter	24-hour composite
Cyanide, Total	001 or 002	Three times per quarter	Grab
Lead	001 or 002	Three times per quarter	24-hour composite
Mercury	001 or 002	Three times per quarter	24-hour composite
Molybdenum	001 or 002	Three times per quarter	24-hour composite
Nickel	001 or 002	Three times per quarter	24-hour composite
Selenium	001 or 002	Three times per quarter	24-hour composite
Silver	001 or 002	Three times per quarter	24-hour composite
Tin	001 or 002	Three times per quarter	24-hour composite
Titanium	001 or 002	Three times per quarter	24-hour composite
Vanadium	001 or 002	Three times per quarter	24-hour composite
Zinc	001 or 002	Three times per quarter	24-hour composite

2. All handling and preservation of collected samples and laboratory analyses of samples shall be performed in accordance with 40 CFR Part 136 and amendments thereto unless otherwise specified in the monitoring conditions of this permit.

**c. REPORTING REQUIREMENTS, REPORTING OF MONITORING RESULTS**

The permittee shall submit the monitoring and analytical results with an Industrial User Self-Monitoring Report (SMR) at the frequency indicated in Part A subsection b.1 of this permit. The report shall contain additional information as required (i.e., residuals removed, effluent variations, upsets, etc.). Submit all data and reports to the following address:

City of York  
MIPP Division  
1625 Toronita Street  
York, PA 17402