

New York State Department of Environmental Conservation
Division of Water
Bureau of Water Permits, 4th Floor
625 Broadway, Albany, New York 12233-3505
Phone: (518) 402-8111 • FAX: (518) 402-9029
Website: www.dec.state.ny.us



MEMORANDUM

TO: Douglas MacNeal, Remedial Section D, DER
FROM: *PK* Paul Kolakowski, BWP, DOW
SUBJECT: Kent Avenue/Consolidated Edison Site V-00732

DATE: April 19, 2011

DRAINAGE BASIN: East River/Wallabout Channel

In response to your request dated February 14, 2011, attached please find effluent limitations and monitoring requirements for the above noted remediation discharge.

The DOW does not have any regulatory authority over a discharge from a State, FRP, or Federal Superfund Site. DER will be responsible for ensuring compliance with the attached effluent limitations and monitoring requirements, and approval of all engineering submissions. Footnote 1 identifies the appropriate DER Section Chief as the place to send all effluent results, engineering submissions, and modification requests. The Regional Water Engineer should be kept apprised of the status of this discharge and, in accordance with the attached criteria, receive a copy of the effluent results for informational purposes.

If you have any questions, please call me at (518)402-8104

Attachment (Effluent Limitations and Monitoring Requirements)

cc: Regional Water Engineer (w/attach)
BWP Section Chief, DOW (w/attach)
Ron Entringer, DOW (w/attach)

EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

During the period beginning April 30, 2011

and lasting until April 1, 2016

the discharges from the treatment facility to water index number ER , Class I , East River shall be limited and monitored by the operator as specified below:

Outfall Number and Parameter	Discharge Limitations		Units	Minimum Monitoring Requirements	
	Monthly Avg.	Daily Max		Measurement Frequency	Sample Type
Outfall 001 - Treated Groundwater Remediation Discharge:					
Flow	Monitor	Monitor	GPD	Continuous	Meter
pH (range)	6.5 to 8.5		SU	Monthly	Grab
Total Suspended Solids	Monitor	50	mg/l	Monthly	Grab
Oil & Grease	Monitor	15	mg/l	Monthly	Grab
Boron	Monitor	10	mg/l	Monthly	Grab
Iron	Monitor	Monitor	mg/l	Monthly	Grab
Lead	Monitor	0.08	mg/l	Monthly	Grab
Nickel	Monitor	0.08	mg/l	Monthly	Grab
Zinc	Monitor	0.70	mg/l	Monthly	Grab
Polychlorinated biphenyls (2)	Monitor	0.065	ug/l	Monthly	Grab

(W) Indicates Water Quality Based Limit

Footnotes:

- (1) The discharge rate may not exceed the effective treatment system design capacity.
- (2) PCB Aroclors monitored using EPA method 608

Additional Conditions:

- (1) Discharge is not authorized until such time as an engineering submission showing the method of treatment is approved by the Department. The discharge rate may not exceed the effective or design treatment system capacity. All monitoring data, engineering submissions and modification requests must be submitted to:

Chief, Section D
Remedial Bureau B
Division of Environmental Remediation
NYSDEC, 625 Broadway, Albany, New York 12233-1705

With a copy sent to:

Bob Elburn, RWE, R-2
NYSDEC
47-40 21st Street
Long Island City, NY 11101

- (2) Only site generated wastewater is authorized for treatment and discharge.
- (3) Authorization to discharge is valid only for the period noted above but may be renewed if appropriate. A request for renewal must be received 6 months prior to the expiration date to allow for a review of monitoring data and reassessment of monitoring requirements.
- (4) Both concentration (mg/l or µg/l) and mass loadings (lbs/day) must be reported to the Department for all parameters except flow and pH.
- (5) Any use of corrosion/scale inhibitors, biocidal-type compounds, or other water treatment chemicals used in the treatment process must be approved by the department prior to use.
- (6) This discharge and administration of this discharge must comply with the substantive requirements of 6NYCRR Part 750.