conEdison

September 11, 2013

Selvin Southwell
NYSDEC-Region 2
Division of Water
47-10 21St Street
Long Island City, NY 11101-5407

Re: Consolidated Edison Company of New York, Inc.
Astoria Outfall B
Monthly Discharge Summary – Dry and Wet Weather
August 2013
Construction Dewatering Discharge August 2013

Dear Mr. Southwell:

As required by the Astoria Consent Order, attached please find a completed monthly discharge summary for the Astoria outfall B dry and wet weather sampling as well as the average and maximum daily flows for the month of August 2013. In addition, we have included our outfall B construction dewatering discharge sampling result. There was no discharge associated with the outfall G construction project in August.

As we previously informed you, the wet weather samples taken at the dry weather flow treatment system influent during the very heavy rain event on August 13, 2013 contained 24.1 PPM TSS and 220 PPT PCBs. The TSS sample result was well below the 100 PPM action level; however, the PCB sample result slightly exceeded the 200 PPT action level. Please note that the results of the preceding wet weather samples, collected on August 1, 2013 were 5.4 PPM TSS and <65 PPT PCBs, which were well below their respective action levels.

Please call Maureen Gaffney at (212) 460-1399 or Richard Knob at (212) 460-4005 if you have any questions or need any additional information.

Very truly yours,

Franklyn Murray

Cc: Dilip Banerjee, NYSDEC Region 2, Division of Water
Enclosure

Consolidated Edison - Astoria Consent Order
Outfall B Storm Sewer Discharge Monitoring Report
Summary of Dry and Wet Weather Sampling Results

Dry Weather August 2013			8/7/2013
Parameter	**Unit**	**Effluent Limit**	**Effluent**
pH	units	6.0-9.0	7.32
Oil and Grease	mg/L	15	<5.0
Total Suspended Solids	mg/L	10	<1
Benzene	ug/L	0.8	<0.80
Toluene	ug/L	5	<1.0
Ethylbenzene	ug/L	5	<1.0
Xylenes*	ug/L	5	<2.0
Cadmium	ug/L	1.2	<1.20
Copper	ug/L	24	<20
Cyanide (amenable)	ug/L	60	<1.0
Lead	ug/L	4	<1.00
Mercury	ng/L	800	<200
Nickel	ug/L	96	<40
Phenols	ug/L	8	<5.0
Zinc	ug/L	166	<20
PCB Aroclor 1016	ug/L	0.065	<0.065
PCB Aroclor 1221	ug/L	0.065	<0.065
PCB Aroclor 1232	ug/L	0.065	<0.065
PCB Aroclor 1242	ug/L	0.065	<0.065
PCB Aroclor 1248	ug/L	0.065	<0.065
PCB Aroclor 1254	ug/L	0.065	<0.065
PCB Aroclor 1260	ug/L	0.065	<0.065
Temperature	Deg. C	No Limit	22.5

Wet Weather August 2013			8/1/2013	8/13/2013
Parameter	**Unit**	**Action Level**	**Influent**	**Influent**
Total Suspended Solids	mg/L	100	5.4	24.1
PCB Aroclor 1016	ng/L	-	<65	<65
PCB Aroclor 1221	ng/L	-	<65	<65
PCB Aroclor 1232	ng/L	-	<65	<65
PCB Aroclor 1242	ng/L	-	<65	<65
PCB Aroclor 1248	ng/L	-	<65	<65
PCB Aroclor 1254	ng/L	-	<65	<65
PCB Aroclor 1260	ng/L	-	<65	220
Sum of Detected PCB Aroclors	**ng/L**	**200**	<65	**220**

Average daily flow: 20,567 gallons/day
Max. daily flow: 35,850 gallons/day

* Results for o-xylene and m, p-xylenes are provided separately by the laboratory. If one or both are detected in a sample, then the concentration specified in the spreadsheet is the sum of the detected values. If both are not detected in a sample, then the concentration specified in the spreadsheet is less than the higher of the two detection limits.

Effluent concentrations that exceed the effluent limit or action level are bolded and highlighted in yellow

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Consolidated Edison - Astoria Consent Order
Outfall B Storm Sewer Discharge Monitoring Report
Summary of Construction Dewatering Discharge Sampling Results
Surface Water

Dry Weather August 2013			8/7/2013
Parameter	**Unit**	**Effluent Limit**	**Effluent**
pH	units	6.0-9.0	7.7
Total Suspended Solids	mg/L	50	< 10
Oil & Grease	mg/L	15	< 5.0
Tetrachloroethene	mg/L	0.026*	< 0.0010
Benzene	mg/L	0.10*	< 0.0010
Toluene	mg/L	0.10*	< 0.0010
Xylenes	mg/L	0.10*	< 0.0010
Ethylbenzene	mg/L	0.10*	< 0.0010
Chromium	µg/L	50*	< 10
Copper, Total	µg/L	61*	< 20
Lead, Total	µg/L	204*	< 1.00
Mercury	ng/L	50*	< 0.15
Antimony	µg/L	63*	< 5.90
Cadmium	µg/L	77*	< 5.00
Nickel, Total	µg/L	74*	< 40
Beryllium	µg/L	11*	< 3.00
Selenium	µg/L	50*	< 5.00
Silver	µg/L	50*	< 10
Thallium	µg/L	20*	< 1.90
Zinc	µg/L	66*	< 20
PCBs/Arochlor	ng/L	200	
Aroclor 1016	ng/L		< 65
Aroclor 1221	ng/L		< 65
Aroclor 1232	ng/L		< 65
Aroclor 1242	ng/L		< 65
Aroclor 1248	ng/L		< 65
Aroclor 1254	ng/L		< 65
Aroclor 1260	ng/L		< 65
Temperature	°C	No Limit	25

* Action Level.
Effluent concentrations that exceed the effluent limit or action level are bolded and highlighted in yellow

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