




July 13, 2017

Cynthia A. Whitfield, P.E., Environmental Engineer
NYS Department of Environmental Conservation
Division of Environmental Remediation
Remedial Bureau A, Section B
625 Broadway, 11th Floor
Albany, New York 12233-7015

**Re: Blydenburgh Road Landfill Complex (Site 15002)
Groundwater Discharge Authorization Effluent Standards**

Dear Ms. Whitfield:

Attached are the Discharge Monitoring Reports which cover the time period of April 21, 2017 to May 19, 2017 for the above-referenced site.



Anthony J. Varrichio, P.E.
Chief Engineer

AJV:vl

Enclosure

cc: James H. Heil, P.E., President-IRRA
Greg Hancock, Deputy Commissioner
Robert Schneck, Region 1 Stony Brook, NYSDEC – w/encl.
Mark E. Dannenberg, USEPA, Region 2 – w/encl.
Eric Lenio, NYSDEC, Region 1, Stony Brook – w/encl.
File



ISLIP RESOURCE RECOVERY AGENCY
 BLYDENBURGH LANDFILL GROUNDWATER
 TREATMENT FACILITY BLYDENBURGH ROAD
 NORTH OF MILMAY AVE, ISLIP, NEW YORK

DISCHARGE MONITORING REPORT

DHWR NO. 1-52-002
 OUTFALL NUMBER 001
 TREATED GROUNDWATER

AUTHORIZATION PERIOD
 BEGINNING AUGUST 1, 1994
 LASTING TO

REPORT NO.:

MONITORING PERIOD

From: 4/21/2017 To: 5/19/17

PARAMETER		MASS OR LOADING			QUANTITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS *	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
FLOW (EFFLUENT)	SAMPLE MEASUREMENT					240		GPM			
	PERMIT MEASUREMENT					REPORT	REPORT			Continuous meter	Continuous meter
IRON TOTAL (EFFLUENT)	SAMPLE MEASUREMENT						0.1	mg/l			
	PERMIT MEASUREMENT						0.6			ONCE/ *	GRAB
MANGANESE, TOTAL (EFFLUENT)	SAMPLE MEASUREMENT						0.127	mg/l			
	PERMIT MEASUREMENT						0.6			ONCE/ *	GRAB
IRON (T) PLUS MANGANESE (T) (EFFLUENT)	SAMPLE MEASUREMENT						0.227	mg/l			
	PERMIT MEASUREMENT						1			ONCE/ *	GRAB
VINYL CHLORIDE (EFFLUENT)	SAMPLE MEASUREMENT						<1	UG/L			
	PERMIT MEASUREMENT						1			ONCE/ *	GRAB
1, 1 DICHLOROETHANE (EFFLUENT)	SAMPLE MEASUREMENT						<1	UG/L			
	PERMIT MEASUREMENT						1			ONCE/ *	GRAB
1, 2 (TRANS) - DICHLOROETHENE (EFFLUENT)	SAMPLE MEASUREMENT						<1	UG/L			
	PERMIT MEASUREMENT						1			ONCE/ *	GRAB
NAME/ TITLE PRINCIPAL EXECUTIVE OFFICER		COMMENT AND EXPLANATION OF ANY VIOLATIONS:								DATE	
Anthony J. Varrichio, P.E., Chief Engineer		WELLS 2 & 6 OFF								7/12/2017	
TYPED OR PRINTED										SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	

* THE MINIMUM MEASUREMENT FREQUENCY FOR ALL PARAMETERS (EXCEPT FLOW) SHALL BE MONTHLY FOLLOWING A PERIOD OF 24 CONSECUTIVE WEEKLY SAMPLING EVENTS SHOWING NO EXCEEDANCES OF THE STATED DISCHARGE LIMITATIONS. IF A DISCHARGE LIMITATION FOR ANY PARAMETER IS EXCEEDED, THE MEASUREMENT FREQUENCY FOR ALL PARAMETERS SHALL AGAIN BE WEEKLY, UNTIL A PERIOD OF 8 CONSECUTIVE SAMPLING EVENTS SHOWS NO EXCEEDANCES, AT WHICH POINT MONTHLY MONITORING MAY RESUME.

ISLIP RESOURCE RECOVERY AGENCY
 BLYDENBURGH LANDFILL GROUNDWATER
 TREATMENT FACILITY BLYDENBURGH ROAD
 NORTH OF MILMAY AVE, ISLIP, NEW YORK

DISCHARGE MONITORING REPORT

DHWR NO. 1-52-002
 OUTFALL NUMBER 001
 TREATED GROUNDWATER

AUTHORIZATION PERIOD
 BEGINNING AUGUST 1, 1996
 LASTING TO

REPORT NO.:

MONITORING PERIOD

From: 4/21/2017 To: 5/19/17

PARAMETER		MASS OR LOADING			QUANTITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS *	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
1, 2 - (CIS) - DICHLOROETHENE (EFFLUENT)	SAMPLE MEASUREMENT						<1	UG/L			
	PERMIT MEASUREMENT						1			Continuous meter	Continuous meter
1, 1, 1 - TRICHLOROETHANE (EFFLUENT)	SAMPLE MEASUREMENT						<1	UG/L			
	PERMIT MEASUREMENT						1			ONCE/ *	GRAB
TRICHLOROETHENE (EFFLUENT)	SAMPLE MEASUREMENT						<1	UG/L			
	PERMIT MEASUREMENT						1			ONCE/ *	GRAB
BENZENE (EFFLUENT)	SAMPLE MEASUREMENT						<.70	UG/L			
	PERMIT MEASUREMENT						0.7			ONCE/ *	GRAB
TETRACHLOROETHENE (EFFLUENT)	SAMPLE MEASUREMENT						<1	UG/L			
	PERMIT MEASUREMENT						1			ONCE/ *	GRAB
TOLUENE (EFFLUENT)	SAMPLE MEASUREMENT						<1	UG/L			
	PERMIT MEASUREMENT						1			ONCE/ *	GRAB
	SAMPLE MEASUREMENT							UG/L			
	PERMIT MEASUREMENT										

NAME/ TITLE PRINCIPAL EXECUTIVE OFFICER	COMMENT AND EXPLANATION OF ANY VIOLATIONS:	DATE
Anthony J. Varrichio, P.E., Chief Engineer	WELLS 2 & 6 OFF	7/12/2017
TYPED OR PRINTED	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	

* THE MINIMUM MEASUREMENT FREQUENCY FOR ALL PARAMETERS (EXCEPT FLOW) SHALL BE MONTHLY FOLLOWING A PERIOD OF 24 CONSECUTIVE WEEKLY SAMPLING EVENTS SHOWING NO EXCEEDANCES OF THE STATED DISCHARGE LIMITATIONS. IF A DISCHARGE LIMITATION FOR ANY PARAMETER IS EXCEEDED, THE MEASUREMENT FREQUENCY FOR ALL PARAMETERS SHALL AGAIN BE WEEKLY, UNTIL A PERIOD OF 8 CONSECUTIVE SAMPLING EVENTS SHOWS NO EXCEEDANCES, AT WHICH POINT MONTHLY MONITORING MAY RESUME.

ISLIP RESOURCE RECOVERY AGENCY
 BLYDENBURGH LANDFILL - GROUNDWATER TREATMENT FACILITY
 OPERATION AND MAINTENANCE MANUAL
DISCHARGE MONITORING REPORT FORM

FIGURE 8-1A