

DMR Copy of Record

Permit			
Permit #: MA0003425	Permittee: GLOBAL COMPANIES LLC	Facility: GLOBAL PETROLEUM CORP - REVERE	
Major: No	Permittee Address: 800 SOUTH STREET SUITE 500 WALTHAM, MA 02454	Facility Location: 140 LEE BURBANK HIGHWAY REVERE, MA 02151	
Permitted Feature: 001 External Outfall	Discharge: 001-A MONTHLY MONITORING FROM INTERNAL OUTFALLS 002 & 003		

Report Dates & Status	
Monitoring Period: From 03/01/22 to 03/31/22	DMR Due Date: 04/15/22
Status: NetDMR Validated	
Considerations for Form Completion	

Principal Executive Officer			
First Name: Tom	Title: VP. Env. HS	Telephone: 781-398-4132	
Last Name: Keefe			

No Data Indicator (NODI)
Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading				Quality or Concentration				# of Ex.	Frequency of Analysis	Sample Type		
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2				Value 2	Qualifier 3
00056	Flow rate	1 - Effluent Gross	0	--	Sample	=	190.0		78 - gal/min						0	WH/DS - When Discharging WH/DS - When Discharging	ES - ESTIMA ES - ESTIMA
					Permit Req.	<=	880.0 DAILY MX		78 - gal/min								
					Value NODI												
00400	pH	1 - Effluent Gross	0	--	Sample	=	7.93			=	7.93		12 - SU	0	01/30 - Monthly 01/30 - Monthly	GR - GRAB GR - GRAB	
					Permit Req.	>=	6.5 MINIMUM			<=	8.5 MAXIMUM		12 - SU				
					Value NODI												
00556	Oil & Grease	1 - Effluent Gross	0	--	Sample	=	0.0		19 - mg/L	=	0.0		19 - mg/L	0	01/30 - Monthly 01/30 - Monthly	GR - GRAB GR - GRAB	
					Permit Req.	<=	15.0 DAILY MX		19 - mg/L								
					Value NODI												
34030	Benzene	1 - Effluent Gross	0	--	Sample	=	0.0		28 - ug/L	=	0.0		28 - ug/L	0	01/30 - Monthly 01/30 - Monthly	GR - GRAB GR - GRAB	
					Permit Req.	<=	51.0 MO AVG		Req Mon DAILY MX		28 - ug/L						
					Value NODI												
34247	Benzo[a]pyrene	1 - Effluent Gross	0	--	Sample	=	0.0		28 - ug/L	=	0.0		28 - ug/L	0	01/30 - Monthly 01/30 - Monthly	GR - GRAB GR - GRAB	
					Permit Req.	<=	0.1 MO AVG		Req Mon DAILY MX		28 - ug/L						
					Value NODI												
34696	Naphthalene	1 - Effluent Gross	0	--	Sample	=	0.0		28 - ug/L	=	0.0		28 - ug/L	0	01/30 - Monthly 01/30 - Monthly	GR - GRAB GR - GRAB	
					Permit Req.	<=	100.0 MO AVG		Req Mon DAILY MX		28 - ug/L						
					Value NODI												
82220	Flow, total	1 - Effluent Gross	0	--	Sample	=	1.1936		80 - Mgal/mo					0	WH/DS - When Discharging WH/DS - When Discharging	MT - METER MT - METER	
					Permit Req.				Req Mon DAILY MX		80 - Mgal/mo						
					Value NODI												
84165	Discharge event observation [Visual Monitoring]	1 - Effluent Gross	0	--	Sample	=	6.0		93 - occur/mo					0	WH/DS - When Discharging WH/DS - When Discharging	OC - OCCURS OC - OCCURS	
					Permit Req.				Req Mon MO TOTAL		93 - occur/mo						
					Value NODI												

Submission Note
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors
No errors.

Comments
TSS and SVOC results reported in the attached file MA0003425_Lab(1)_2022_03 were analyzed outside of hold time by the laboratory; consequently these results are not included for the March submission, and additional samples were collected. VOC analyses reported in the attached were not affected by this error and are included in the March DMR submission. Outfall 001 data consists of data collected at Outfall 002, as a commingled discharge from Outfall 002 and Outfall 003 did not occur at the time of the sampling. The data is representative of the discharge from Outfall 001

Attachments

Name	Type	Size
MA0003425-001_Lab(2)_2022_03.pdf	pdf	833791.0
MA0003425-001_Lab(1)_2022_03.pdf	pdf	884726.0
MA0003425-001-T_2022_03.pdf	pdf	2007290.0

Report Last Saved By

GLOBAL COMPANIES LLC

User: SBARRIENTOS@ROUXINC.COM
Name: Sara Barrientos
E-Mail: sbarrientos@rouxinc.com
Date/Time: 2022-04-15 15:17 (Time Zone: -04:00)

Report Last Signed By

User: SCHARRON@GLOBALP.COM
Name: Steven Charron
E-Mail: scharron@globalp.com
Date/Time: 2022-04-15 15:27 (Time Zone: -04:00)

DMR Copy of Record

Permit		Permittee: GLOBAL COMPANIES LLC		Facility: GLOBAL PETROLEUM CORP - REVERE	
Permit #: MA0003425	Major: No	Permittee Address: 800 SOUTH STREET SUITE 500 WALTHAM, MA 02454	Facility Location: 140 LEE BURBANK HIGHWAY REVERE, MA 02151		
Permitted Feature: 002 External Outfall	Discharge: 002-A TREATED H2O THROUGH INTERNAL WASTE STREAM VIA OUTFALL 001				

Report Dates & Status
Monitoring Period: From 03/01/22 to 03/31/22 | **DMR Due Date:** 04/15/22 | **Status:** NetDMR Validated

Considerations for Form Completion

Principal Executive Officer
First Name: Tom | **Title:** VP. Env. HS | **Telephone:** 781-398-4132
Last Name: Keefe

No Data Indicator (NODI)
Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading			Quality or Concentration				# of Ex.	Frequency of Analysis	Sample Type			
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1				Qualifier 2	Value 2	Qualifier 3
00056	Flow rate	1 - Effluent Gross	0	--	Sample	=	160.0	78 - gal/min							0	WHDS - When Discharging	ES - ESTIMA
					Permit Req.	<=	830.0 DAILY MX	78 - gal/min								WHDS - When Discharging	ES - ESTIMA
					Value NODI												
00400	pH	1 - Effluent Gross	0	--	Sample	=	7.18								0	01/30 - Monthly	GR - GRAB
					Permit Req.	>=	6.5 MINIMUM									01/30 - Monthly	GR - GRAB
					Value NODI												
X 00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample	=	55.0								0	03/30 - Three Per Month	GR - GRAB
					Permit Req.	<=	30.0 MO AVG									02/30 - Twice Per Month	GR - GRAB
					Value NODI												
22417	Methyl tert-butyl ether [MTBE]	1 - Effluent Gross	0	--	Sample	=	3.69	28 - ug/L							0	01/30 - Monthly	GR - GRAB
					Permit Req.	<=	70.0 DAILY MX	28 - ug/L								01/30 - Monthly	GR - GRAB
					Value NODI												
34030	Benzene	1 - Effluent Gross	0	--	Sample	=	0.0	28 - ug/L							0	01/30 - Monthly	GR - GRAB
					Permit Req.	<=	5.0 DAILY MX	28 - ug/L								01/30 - Monthly	GR - GRAB
					Value NODI												
34696	Naphthalene	1 - Effluent Gross	0	--	Sample	=	0.0	28 - ug/L							0	01/30 - Monthly	GR - GRAB
					Permit Req.	<=	20.0 DAILY MX	28 - ug/L								01/30 - Monthly	GR - GRAB
					Value NODI												
49491	BTEX	1 - Effluent Gross	0	--	Sample	=	0.0	28 - ug/L							0	01/30 - Monthly	GR - GRAB
					Permit Req.	<=	100.0 DAILY MX	28 - ug/L								01/30 - Monthly	GR - GRAB
					Value NODI												
77004	Ethanol	1 - Effluent Gross	0	--	Sample	=	0.0	19 - mg/L							0	01/30 - Monthly	GR - GRAB
					Permit Req.		Req Mon DAILY MX	19 - mg/L								01/30 - Monthly	GR - GRAB
					Value NODI												
82181	Hydrocarbons, total petroleum	1 - Effluent Gross	0	--	Sample	=	0.0	19 - mg/L							0	01/30 - Monthly	GR - GRAB
					Permit Req.	<=	5.0 DAILY MX	19 - mg/L								01/30 - Monthly	GR - GRAB
					Value NODI												
82220	Flow, total	1 - Effluent Gross	0	--	Sample	=	1.16	80 - Mgal/mo							0	WHDS - When Discharging	MT - METER
					Permit Req.		Req Mon DAILY MX	80 - Mgal/mo								WHDS - When Discharging	MT - METER
					Value NODI												

Submission Note
 If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

Code	Parameter Name	Monitoring Location	Field	Type	Description	Acknowledge
00530	Solids, total suspended	1 - Effluent Gross	Quality or Concentration Sample Value 1	Soft	The provided sample value is outside the permit limit. Please verify that the value you have provided is correct.	Yes

Comments

TSS and SVOC results reported in the attached files MA0003425-002_Lab(1)_2022_03 and MA0003425-002_Lab(2)_2022_03 were analyzed outside of hold time by the laboratory; consequently these results are not included for the March submission, and additional samples were collected. VOC analyses reported in the attached were not affected by this error and are included in the March DMR submission.

Attachments

Name	Type	Size
MA0003425-002_Lab(1)_2022_03.pdf	pdf	819105.0
MA0003425-002_Lab(2)_2022_03.pdf	pdf	675488.0
MA0003425-002_Lab(3)_2022_03.pdf	pdf	668714.0
MA0003425-002_Lab(4)_2022_03.pdf	pdf	676770.0
MA0003425-002_Lab(5)_2022_03.pdf	pdf	679801.0
16290007M003149L.pdf	pdf	60484.0

Report Last Saved By

GLOBAL COMPANIES LLC

User: SBARRIENTOS@ROUXINC.COM
Name: Sara Barrientos
E-Mail: sbarrientos@rouxinc.com
Date/Time: 2022-04-15 12:23 (Time Zone: -04:00)

Report Last Signed By

User: SCHARRON@GLOBALP.COM
Name: Steven Charron
E-Mail: scharron@globalp.com
Date/Time: 2022-04-15 15:27 (Time Zone: -04:00)

April 15, 2022

US Environmental Protection Agency
Water Technical Unit (OES04-SMR)
5 Post Office Square, Suite 100
Boston, Massachusetts 02109-3912

Re: Notification of Permit Exceedance
NPDES permit: MA0003425
Global Companies, LLC
71/140 Lee Burbank Highway
Revere, MA 02151

To Whom It May Concern:

Roux Associates (Roux) on behalf of Global Companies, LLC (Global) is providing notification of a permit exceedance for NPDES permit MA0003425 (the Permit) for the March 2022 sampling period. This Permit authorizes stormwater discharge from the Global terminal located at 71/140 Lee Burbank Highway in Revere, Massachusetts to the Chelsea River/Mystic River Watershed. Discharge Monitoring Reports for the March 2022 sampling period have been submitted through the NetDMR system and indicate the Permit exceedance described in this notification.

Following a review of results from the NPDES-required monthly monitoring for March 2022, it was determined that the Permit limit for the monthly average of total suspended solids (TSS) was exceeded at internal Outfall 002. This Permit exceedance is described below.

- **TSS at Internal Outfall GP-002 of Permit No. MA0003425** – Effluent samples collected from this internal outfall on March 25, 28, and 31, 2022¹ exhibit TSS concentrations ranging from 20 milligrams per liter (mg/L) to 85 mg/L, resulting in a monthly average of 55 mg/L, which exceeds the Permit limit of 30 mg/L. Although the March 2022 TSS monthly average was above the limit for the internal outfall, none of the three effluent samples exceeded the Permit maximum daily limit of 100 mg/L. Note that Outfall 002 is an internal outfall which discharges to the Chelsea River via Outfall 001; Outfall 001 does not have a reporting requirement or Permit limit for TSS.

In response to this exceedance, a cleaning event of the Oil Water Separator has been scheduled for May 2022, and Global will continue to evaluate the cause of these elevated TSS results and execute remedies as necessary.

Sincerely,

ROUX ASSOCIATES, INC.



Thomas Henderson
Senior Scientist



Ian Reed
Principal Hydrogeologist/Vice President

cc: Massachusetts Department of Environmental Protection, Bureau of Waste Prevention, Northeast Regional Office, 205B Lowell Street, Wilmington, MA 01887

¹ Samples were collected earlier in the month from this internal outfall location on March 7 and 8, 2022; however, the results were invalid due to the samples being analyzed by the laboratory outside of the required hold time. Due to this laboratory error, additional samples were collected on March 25, March 28, and March 31, 2022.

DMR Copy of Record

Permit		Permittee: GLOBAL COMPANIES LLC		Facility: GLOBAL PETROLEUM CORP - REVERE	
Permit #: MA0003425	Major: No	Permittee Address: 800 SOUTH STREET SUITE 500 WALTHAM, MA 02454	Facility Location: 140 LEE BURBANK HIGHWAY REVERE, MA 02151		
Permitted Feature: 003 External Outfall	Discharge: 003-A TREATED H2O THROUGH INTERNAL WASTE STREAM VIA OUTFALL 001				

Report Dates & Status		Monitoring Period: From 03/01/22 to 03/31/22		DMR Due Date: 04/15/22		Status: NetDMR Validated	
Considerations for Form Completion							

Principal Executive Officer		First Name: Tom		Title: VP. Env. HS		Telephone: 781-398-4132	
		Last Name: Keefe					

No Data Indicator (NODI)
Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading				Quality or Concentration				# of Ex.	Frequency of Analysis	Sample Type	
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2				Value 2
00056	Flow rate	1 - Effluent Gross	0	--	Sample	=	30.0	78 - gal/min							0	WH/DS - When Discharging ES - ESTIMA
					Permit Req.	<=	50.0 DAILY MX	78 - gal/min								
					Value NODI											
00400	pH	1 - Effluent Gross	0	--	Sample	=	7.2			=	7.2	12 - SU		0	01/30 - Monthly GR - GRAB	
					Permit Req.	>=	6.5 MINIMUM			<=	8.5 MAXIMUM	12 - SU				
					Value NODI											
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample	=	0.0	19 - mg/L		=	0.0	19 - mg/L		0	01/30 - Monthly GR - GRAB	
					Permit Req.	<=	30.0 MO AVG			<=	100.0 DAILY MX	19 - mg/L				
					Value NODI											
22417	Methyl tert-butyl ether [MTBE]	1 - Effluent Gross	0	--	Sample			28 - ug/L		=	0.0	28 - ug/L		0	01/30 - Monthly GR - GRAB	
					Permit Req.					<=	20.0 DAILY MX	28 - ug/L				
					Value NODI											
22456	Polynuclear Aromatic Hydrocarbons [PAHs]	1 - Effluent Gross	0	--	Sample			28 - ug/L		=	0.0	28 - ug/L		0	01/30 - Monthly GR - GRAB	
					Permit Req.					<=	0.1 DAILY MX	28 - ug/L				
					Value NODI											
22456	Polynuclear Aromatic Hydrocarbons [PAHs]	EG - Effluent Gross	0	--	Sample			28 - ug/L		=	0.0	28 - ug/L		0	01/30 - Monthly GR - GRAB	
					Permit Req.					<=	10.0 DAILY MX	28 - ug/L				
					Value NODI											
22456	Polynuclear Aromatic Hydrocarbons [PAHs]	Y - Effluent Gross (Supplementary)	0	--	Sample			28 - ug/L		=	0.0	28 - ug/L		0	01/30 - Monthly GR - GRAB	
					Permit Req.					<=	100.0 DAILY MX	28 - ug/L				
					Value NODI											
34030	Benzene	1 - Effluent Gross	0	--	Sample			28 - ug/L		=	0.0	28 - ug/L		0	01/30 - Monthly GR - GRAB	
					Permit Req.					<=	5.0 DAILY MX	28 - ug/L				
					Value NODI											
34696	Naphthalene	1 - Effluent Gross	0	--	Sample			28 - ug/L		=	0.0	28 - ug/L		0	01/30 - Monthly GR - GRAB	
					Permit Req.					<=	20.0 DAILY MX	28 - ug/L				
					Value NODI											
49491	BTEX	1 - Effluent Gross	0	--	Sample			28 - ug/L		=	0.0	28 - ug/L		0	01/30 - Monthly GR - GRAB	
					Permit Req.					<=	100.0 DAILY MX	28 - ug/L				
					Value NODI											
82181	Hydrocarbons, total petroleum	1 - Effluent Gross	0	--	Sample			19 - mg/L		=	0.0	19 - mg/L		0	01/30 - Monthly GR - GRAB	
					Permit Req.					<=	5.0 DAILY MX	19 - mg/L				
					Value NODI											
82220	Flow, total	1 - Effluent Gross	0	--	Sample	=	0.0336	80 - Mgal/mo						0	WH/DS - When Discharging MT - METER	
					Permit Req.			Req Mon DAILY MX	80 - Mgal/mo							
					Value NODI											

Submission Note
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

Attachments

Name	Type	Size
MA0003425-003_Lab(1)_2022_03.pdf	pdf	812453.0

Report Last Saved By

GLOBAL COMPANIES LLC

User: BRADLEY1.CONNOR
Name: Connor Bradley
E-Mail: cbradley@rouxinc.com
Date/Time: 2022-04-14 19:24 (Time Zone: -04:00)

Report Last Signed By

User: SCHARRON@GLOBALP.COM
Name: Steven Charron
E-Mail: scharron@globalp.com
Date/Time: 2022-04-15 15:27 (Time Zone: -04:00)

DMR Copy of Record

Permit		Permittee: GLOBAL COMPANIES, LLC		Facility: GLOBAL REVCO TERMINAL, LLC	
Permit #: MA0003298		Permittee Address: 800 South Streete Suite 500 Waltham, MA 02454		Facility Location: 186 LEE BURBANK HIGHWAY REVERE, MA 02151	
Major: No		Discharge: 001-A TREATED & UNTREATED STORMWATER OUTFALL 001			
Permitted Feature: 001 External Outfall					

Report Dates & Status		Monitoring Period: From 03/01/22 to 03/31/22	DMR Due Date: 04/15/22	Status: NetDMR Validated
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Considerations for Form Completion
U

Principal Executive Officer		First Name: Tom	Title: VP. Env. HS	Telephone: 781-398-4132
		Last Name: Keefe		

No Data Indicator (NODI)
Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading				Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type					
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2				Qualifier 3	Value 3	Units		
00056	Flow rate	R - See Comments	0	--	Sample		=	35.0	78 - gal/min									0	WH/DS - When Discharging ES - ESTIMA		
					Permit Req.		<=	75.0 DAILY MX	78 - gal/min												WH/DS - When Discharging ES - ESTIMA
					Value NODI																
00400	pH	1 - Effluent Gross	0	--	Sample		=	7.03				=	7.03	12 - SU			0	01/30 - Monthly GR - GRAB			
					Permit Req.		>=	6.5 MINIMUM			<=	8.5 MAXIMUM	12 - SU						01/30 - Monthly GR - GRAB		
					Value NODI																
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample		=	7.75			=	10.0	19 - mg/L			0	02/30 - Twice Per Month GR - GRAB				
					Permit Req.		<=	30.0 MO AVG		<=	100.0 DAILY MX	19 - mg/L						02/30 - Twice Per Month GR - GRAB			
					Value NODI																
03582	Oil and grease	1 - Effluent Gross	0	--	Sample		=	3.1					19 - mg/L			0	01/30 - Monthly GR - GRAB				
					Permit Req.		<=	15.0 DAILY MX				19 - mg/L						01/30 - Monthly GR - GRAB			
					Value NODI																
34030	Benzene	1 - Effluent Gross	0	--	Sample		=	0.0			=	0.0	28 - ug/L			0	01/30 - Monthly GR - GRAB				
					Permit Req.		<=	51.0 MO AVG				Req Mon DAILY MX 28 - ug/L						01/30 - Monthly GR - GRAB			
					Value NODI																
34247	Benzo[a]pyrene	1 - Effluent Gross	0	--	Sample		=	0.089			=	0.267	28 - ug/L			0	02/30 - Twice Per Month GR - GRAB				
					Permit Req.		<=	0.1 MO AVG				Req Mon DAILY MX 28 - ug/L						01/30 - Monthly GR - GRAB			
					Value NODI																
34696	Naphthalene	1 - Effluent Gross	0	--	Sample		=	0.0			=	0.0	28 - ug/L			0	01/30 - Monthly GR - GRAB				
					Permit Req.		<=	100.0 MO AVG				Req Mon DAILY MX 28 - ug/L						01/30 - Monthly GR - GRAB			
					Value NODI																
82220	Flow, total	1 - Effluent Gross	0	--	Sample		=	0.107216	80 - Mgal/mo							0	WH/DS - When Discharging MT - METER				
					Permit Req.			Req Mon DAILY MX 80 - Mgal/mo										WH/DS - When Discharging MT - METER			
					Value NODI																
84165	Discharge event observation [Visual Monitoring]	1 - Effluent Gross	0	--	Sample		=	7.0					93 - occur/mo			0	WH/DS - When Discharging OC - OCCURS				
					Permit Req.			Req Mon DAILY MX 93 - occur/mo										WH/DS - When Discharging OC - OCCURS			
					Value NODI																

Submission Note
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors
No errors.

Comments
TSS results reported in the attached files MA0003298-001_Lab(1)_2022_03, was analyzed outside of hold time by the laboratory; consequently these results are not included for the March submission, and additional samples were collected. VOC and SVOC analyses reported in the attached were not affected by this error and are included in the March DMR submission.

Attachments

Name	Type	Size
MA0003298-001_Lab(1)_2022_03.pdf	pdf	815467.0
MA0003298-001_Lab(2)_2022_03.pdf	pdf	786463.0

MA0003298-001_Lab(3)_2022_03.pdf

pdf

845455.0

Report Last Saved By

GLOBAL COMPANIES, LLC

User: thenderson@rouxinc.com
Name: Thomas Henderson
E-Mail: thenderson@rouxinc.com
Date/Time: 2022-04-15 07:05 (Time Zone: -04:00)

Report Last Signed By

User: SCHARRON@GLOBALP.COM
Name: Steven Charron
E-Mail: scharron@globalp.com
Date/Time: 2022-04-15 12:50 (Time Zone: -04:00)

DMR Copy of Record

Permit		Permittee: GLOBAL COMPANIES, LLC		Facility: GLOBAL REVCO TERMINAL, LLC	
Permit #: MA0003298	Major: No	Permittee Address: 800 South Streete Suite 500 Waltham, MA 02454	Facility Location: 186 LEE BURBANK HIGHWAY REVERE, MA 02151		
Permitted Feature: 005 External Outfall	Discharge: 005-A TREATED STORMWATER & HYDROSTATIC TEST WATER OUTFALL 005				

Report Dates & Status		Monitoring Period: From 03/01/22 to 03/31/22	DMR Due Date: 04/15/22	Status: NetDMR Validated
Considerations for Form Completion				

Principal Executive Officer		First Name: Tom	Title: VP. Env. HS	Telephone: 781-398-4132
		Last Name: Keefe		

No Data Indicator (NODI)
Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading			Quality or Concentration			# of Ex.	Frequency of Analysis	Sample Type	
					Qualifier 1	Value 1	Units	Qualifier 2	Value 2	Units				Qualifier 3
00056	Flow rate	R - See Comments	0	--	Sample	=	350.0	78 - gal/min					0	WH/DS - When Discharging ES - ESTIMA
					Permit Req.	<=	500.0 DAILY MX	78 - gal/min						
					Value NODI									
00400	pH	1 - Effluent Gross	0	--	Sample	=	8.2		=	8.2	12 - SU	0	01/30 - Monthly GR - GRAB	
					Permit Req.	>=	6.5 MINIMUM		<=	8.5 MAXIMUM	12 - SU			
					Value NODI									
X 00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample	=	141.25	19 - mg/L	=	280.0	19 - mg/L	0	04/30 - Four Per Month GR - GRAB	
					Permit Req.	<=	30.0 MO AVG		<=	100.0 DAILY MX	19 - mg/L			
					Value NODI									
03582	Oil and grease	1 - Effluent Gross	0	--	Sample	=	0.0	28 - ug/L				0	01/30 - Monthly GR - GRAB	
					Permit Req.	<=	5.0 DAILY MX	28 - ug/L						
					Value NODI									
34030	Benzene	1 - Effluent Gross	0	--	Sample	=	0.0	28 - ug/L				0	01/30 - Monthly GR - GRAB	
					Permit Req.	<=	2.0 DAILY MX	28 - ug/L						
					Value NODI									
34247	Benzo[a]pyrene	1 - Effluent Gross	0	--	Sample	=	0.0	28 - ug/L				0	01/30 - Monthly GR - GRAB	
					Permit Req.	<=	0.1 DAILY MX	28 - ug/L						
					Value NODI									
34696	Naphthalene	1 - Effluent Gross	0	--	Sample	=	0.0	28 - ug/L				0	01/30 - Monthly GR - GRAB	
					Permit Req.	<=	5.0 DAILY MX	28 - ug/L						
					Value NODI									
82220	Flow, total	1 - Effluent Gross	0	--	Sample	=	1.32	80 - Mgal/mo				0	WH/DS - When Discharging MT - METER	
					Permit Req.		Req Mon DAILY MX	80 - Mgal/mo						
					Value NODI									
84165	Discharge event observation [Visual Monitoring]	1 - Effluent Gross	0	--	Sample	=	5.0	93 - occur/mo				0	WH/DS - When Discharging OC - OCCURS	
					Permit Req.		Req Mon DAILY MX	93 - occur/mo						
					Value NODI									

Submission Note
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

Code	Parameter Name	Monitoring Location	Field	Type	Description	Acknowledge
00530	Solids, total suspended	1 - Effluent Gross	Quality or Concentration Sample Value 3	Soft	The provided sample value is outside the permit limit. Please verify that the value you have provided is correct.	Yes
00530	Solids, total suspended	1 - Effluent Gross	Quality or Concentration Sample Value 2	Soft	The provided sample value is outside the permit limit. Please verify that the value you have provided is correct.	Yes

Comments
TSS results reported in the attached files MA0003298-005_Lab(1)_2022_03 and MA0003298-005_Lab(2)_2022_03, were analyzed outside of hold time by the laboratory; consequently these results are not included for the March submission, and additional samples were collected. VOC and SVOC analyses reported in the attached were not affected by this error and are included in the March DMR submission.

Attachments

Name	Type	Size
MA0003298-005_Lab(1)_2022_03.pdf	pdf	817884.0
MA0003298-005_Lab(2)_2022_03.pdf	pdf	674255.0
MA0003298-005_Lab(3)_2022_03.pdf	pdf	675931.0
MA0003298-005_Lab(4)_2022_03.pdf	pdf	682160.0
MA0003298-005_Lab(5)_2022_03.pdf	pdf	674600.0
MA0003298-005_Lab(6)_2022_03.pdf	pdf	673823.0
1629007M003148L.pdf	pdf	79921.0

Report Last Saved By**GLOBAL COMPANIES, LLC**

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Report Last Signed By

User: SCHARRON@GLOBALP.COM
Name: Steven Charron
E-Mail: scharron@globalp.com
Date/Time: 2022-04-15 12:50 (Time Zone: -04:00)

April 15, 2022

US Environmental Protection Agency
Water Technical Unit (OES04-SMR)
5 Post Office Square, Suite 100
Boston, Massachusetts 02109-3912

Re: Notification of Permit Exceedance
NPDES permit: MA0003298
Global Companies, LLC
101/186 Lee Burbank Highway
Revere, MA 02151

To Whom It May Concern:

Roux Associates (Roux) on behalf of Global Companies, LLC (Global) is providing notification of a permit exceedance for NPDES permit MA0003298 (the Permit) for the March 2022 sampling period. This Permit authorizes stormwater discharge from the Global terminal located at 101/186 Lee Burbank Highway in Revere, Massachusetts to the Chelsea River/Mystic River Watershed. Discharge Monitoring Reports for the March 2022 sampling period have been submitted through the NetDMR system and indicate the Permit exceedance described in this notification.

Following a review of results from the NPDES-required monthly monitoring for March 2022, it was determined that the Permit limit for the maximum daily limit and monthly average of total suspended solids (TSS) was exceeded at Outfall 005. This Permit exceedance is described below.

- **TSS at Outfall GR-005 of Permit No. MA0003298** – Effluent samples were collected on March 21 and March 22, 2022¹. These samples yielded TSS concentrations of 2.5 milligrams per liter (mg/L) and 280 mg/L, respectively, and the March 22nd result exceeded the Permit maximum daily limit of 100 mg/L. Additionally, the monthly average of these results is 141.25 mg/L, which exceeds the Permit monthly average limit of 30 mg/L.

Response Actions

A summary of response actions that Global performed subsequent to this exceedance is described below:

- **Outfall GR-005 of Permit No. MA0003298** – Upon receipt and review of the March 21 and March 22, 2022, sampling results, discharge from Outfall 005 was suspended. Two additional samples were collected on March 25 and March 28, 2022 from the Outfall, to further evaluate TSS concentrations prior to resuming discharge from this Outfall. The results of the additional samples indicate TSS concentrations of 13.3 mg/L and 1.2 mg/L, respectively. Both these results are in compliance with both the Permit maximum daily and monthly average limits. As a result, discharge resumed on April 7, 2022.

It is believed that the short-duration elevated TSS measured on March 22, 2022, was likely related to transfer of stormwater (for safety reasons to allow access) from Revco Tank Yard areas undergoing maintenance activities, without sufficient time for suspended material to settle

¹ Samples were collected earlier in the month from this outfall location on March 7 and 8, 2022; however, the results were invalid due to the samples being analyzed by the laboratory outside of the required hold time. Due to this laboratory error, additional samples were collected on March 21 and March 22, 2022.

prior to discharge. In addition, rapid snowmelt and precipitation received during the monitoring period may have contributed to the increased TSS concentration measured on March 22, 2022. In order to mitigate future TSS concentrations during these ongoing construction activities, stormwater is being allowed additional time to settle in neighboring tank yards prior to discharge.

In addition, a cleaning event of the Oil Water Separator and its associated drainage structures has been scheduled for April 20, 2022.

Global will continue to evaluate the cause of these elevated TSS results and execute remedies as necessary.

Sincerely,

ROUX ASSOCIATES, INC.



Thomas Henderson
Senior Scientist



Ian Reed
Principal Hydrogeologist/Vice President

cc: Massachusetts Department of Environmental Protection, Bureau of Waste Prevention, Northeast Regional Office, 205B Lowell Street, Wilmington, MA 01887

DMR Copy of Record

Permit		Permittee: GLOBAL COMPANIES LLC		Facility: GLOBAL SOUTH TERMINAL	
Permit #: MA0000825	Major: No	Permittee Address: 800 SOUTH STREET SUITE 500 WALTHAM, MA 02454	Facility Location: 96 LEE BURBANK HIGHWAY REVERE, MA 02150		
Permitted Feature: 001 External Outfall	Discharge: 001-A TREATED STORMWATERY & HYDROSTATIC TEST WATER FROM OUTFALL 001				

Report Dates & Status		Monitoring Period: From 03/01/22 to 03/31/22		DMR Due Date: 04/15/22		Status: NetDMR Validated	
Considerations for Form Completion							

Principal Executive Officer		First Name: Tom		Title: VP. Env. HS		Telephone: 781-398-4132	
		Last Name: Keefe					

No Data Indicator (NODI)

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading				Quality or Concentration				# of Ex.	Frequency of Analysis	Sample Type				
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2				Value 2	Qualifier 3	Value 3	Units
00056	Flow rate	R - See Comments	0	--	Sample	=	310.0		78 - gal/min								0	WH/DS - When Discharging ES - ESTIMA	
					Permit Req.	<=	700.0 DAILY MX		78 - gal/min										WH/DS - When Discharging ES - ESTIMA
					Value NODI														
00400	pH	1 - Effluent Gross	0	--	Sample	=	7.4			=	7.4		12 - SU			0	01/30 - Monthly GR - GRAB		
					Permit Req.	>=	6.5 MINIMUM			<=	8.5 MAXIMUM		12 - SU					01/30 - Monthly GR - GRAB	
					Value NODI														
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample	=	29.3			=	67.0		19 - mg/L			0	03/30 - Three Per Month GR - GRAB 02/30 - Twice Per Month GR - GRAB		
					Permit Req.	<=	30.0 MO AVG			<=	100.0 DAILY MX		19 - mg/L					01/30 - Monthly GR - GRAB	
					Value NODI														
03582	Oil and grease	1 - Effluent Gross	0	--	Sample	=	0.0			=	0.0		19 - mg/L			0	01/30 - Monthly GR - GRAB		
					Permit Req.	<=	15.0 DAILY MX					19 - mg/L						01/30 - Monthly GR - GRAB	
					Value NODI														
34030	Benzene	1 - Effluent Gross	0	--	Sample	=	2.9			=	2.9		28 - ug/L			0	01/30 - Monthly GR - GRAB		
					Permit Req.	<=	51.0 MO AVG					Req Mon DAILY MX 28 - ug/L						01/30 - Monthly GR - GRAB	
					Value NODI														
34247	Benzo[a]pyrene	1 - Effluent Gross	0	--	Sample	=	0.0			=	0.0		28 - ug/L			0	01/30 - Monthly GR - GRAB		
					Permit Req.	<=	0.1 MO AVG					Req Mon DAILY MX 28 - ug/L						01/30 - Monthly GR - GRAB	
					Value NODI														
34696	Naphthalene	1 - Effluent Gross	0	--	Sample	=	5.11			=	5.11		28 - ug/L			0	01/30 - Monthly GR - GRAB		
					Permit Req.	<=	100.0 MO AVG					Req Mon DAILY MX 28 - ug/L						01/30 - Monthly GR - GRAB	
					Value NODI														
82220	Flow, total	1 - Effluent Gross	0	--	Sample	=	0.2343		80 - Mgal/mo							0	WH/DS - When Discharging MT - METER		
					Permit Req.				Req Mon DAILY MX 80 - Mgal/mo									WH/DS - When Discharging MT - METER	
					Value NODI														
84165	Discharge event observation [Visual Monitoring]	1 - Effluent Gross	0	--	Sample	=	3.0			=	3.0		93 - occur/mo			0	WH/DS - When Discharging OC - OCCURS		
					Permit Req.				Req Mon DAILY MX 93 - occur/mo									WH/DS - When Discharging OC - OCCURS	
					Value NODI														

Submission Note
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors
No errors.

Comments
TSS analyses reported in laboratory reports 620-3303-1 and 620-3308-1, attached as files MA0000825_Lab(1)_2022_03 and MA0000825_Lab(2)_2022_03, were completed outside of hold time by the laboratory; these results are not included in TSS compliance samples for the month of March and additional samples were collected instead. Other VOC and SVOC analyses reported in laboratory reports 620-3303-1 and 620-3308-1 are in compliance.

Name	Type	Size
MA0000825_Lab(1)_2022_03.pdf	pdf	815577.0
MA0000825_Lab(2)_2022_03.pdf	pdf	676214.0

MA0000825_Lab(3)_2022_03.pdf	pdf	670386.0
MA0000825_Lab(4)_2022_03.pdf	pdf	671568.0
MA0000825_Lab(5)_2022_03.pdf	pdf	675983.0

Report Last Saved By

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