

PUMP STATION		196						
Jan-23		PS 196						
		METER	24 HOUR					
		READING	FLOW					
SUN	1	79319350	0.432640					
MON	2	79751990	0.425320					
TUE	3	80177310	0.392470					
WED	4	80569780	0.391640					
THU	5	80961420	0.381340					
FRI	6	81342760	0.384120					
SAT	7	81726880	0.384100					
SUN	8	82110980	0.379840					
MON	9	82490820	0.381270					
TUE	10	82872090	0.383610					
WED	11	83255700	0.374790					
THU	12	83630490	0.363030					
FRI	13	83993520	0.391780					
SAT	14	84385300	0.394720					
SUN	15	84780020	0.395720					
MON	16	85175740	0.389260					
TUE	17	85565000	0.381090					
WED	18	85946090	0.383090					
THU	19	86329180	0.377090					
FRI	20	86706270	0.381730					
SAT	21	87088000	0.384350					
SUN	22	87472350	0.385190					
MON	23	87857540	0.386320					
TUE	24	88243860	0.381110					
WED	25	88624970	0.395260					
THU	26	89020230	0.403100					
FRI	27	89423330	0.372250					
SAT	28	89795580	0.389300					
SUN	29	90184880	0.377510					
MON	30	90562390	0.375830					
TUE	31	90938220	0.369710					
		91307930						
TOTAL			11.988580					
COUNT			31					
AVERAGE			0.386728					
MINIMUM			0.363030					
MAXIMUM			0.432640					

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if different)

Name

City of Lewes Board of Public Works

Address

1047 Franklin Ave. P.O. Box 518

Lewes, De 19958

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

DE 0021512

PERMIT NUMBER

001

DISCHARGE NUMBER

COMBINED TREATED PROCESS (SUBR M5)

F- FINAL

MAJOR

MUNICIPAL, NO PRE-TREATMENT

\*\*\* NO DISCHARGE  \*\*\*

NOTE: Read instructions before completing this form

Form Approved.

OMB No.

Approval expires

Facility

Howard Seymour Water Reclamation Facility

Location

116 American Legion Road

Lewes, Sussex County, Delaware

MONITORING PERIOD

YEAR

MO

DAY

YEAR

MO

DAY

FROM 

22

12

01

 TO 

22

12

31

PARAMETER		(3 Card Only)	QUANTITY OR LOADING		(4 Card Only )	QUALITY OR CONCENTRATION			NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0.821	1.160	MGD	*****	*****	*****	****	N/A	07/07	Received/ Totlz
	PERMIT REQUIREMENT	REPORT DAILY AVG	REPORT DAILY MX		*****	*****	*****	****		1/DAY	Received/ Totlz
OXYGEN, DISSOLVED (DO) 00300 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	****	4.70	*****	7.56	MG/L	N/A	07/07	Mem/ Probe
	PERMIT REQUIREMENT	*****	*****		REPORT DAILY MN	*****	REPORT DAILY MX			1/DAY	Mem/ Probe
PH 00400 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	****	6.9	*****	7.3	SU	0	07/07	Grab
	PERMIT REQUIREMENT	*****	*****		6.0 DAILY MN	*****	9.0 DAILY MX			1/DAY	Grab
ENTEROCOCCUS GENERAL 31639 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	****	*****	<1	1	col/ 100 mL	0	01/07	Grab
	PERMIT REQUIREMENT	*****	*****		*****	10 MO GEOMEAN	104 DAILY MX			1/WEEK	Grab
BOD, 5-DAY (20 DEG. C) 00310 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	<16	18	LBS/DAY	*****	<2.5	2.7	MG/L	0	01/07	Composite
	PERMIT REQUIREMENT	188 DAILY AVG	288 DAILY MX		*****	15.0 DAILY AVG	23.0 DAILY MX			1/WEEK	Composite
BOD, 5-DAY (20 DEG. C) 00310 1 0 0 INFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	****	*****	174.0	174.0	MG/L	N/A	01/30	Composite
	PERMIT REQUIREMENT	*****	*****		*****	REPORT DAILY AVG	REPORT DAILY MX			1/MONTH	Composite
SOLIDS, TOTAL SUSPENDED 00530 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	<4	5	LBS/DAY	*****	<0.6	0.8	MG/L	0	01/07	Composite
	PERMIT REQUIREMENT	188 DAILY AVG	288 DAILY MX		*****	15.0 DAILY AVG	23.0 DAILY MX			1/WEEK	Composite
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN: AND BASED ON MY INQUIRY OF THOSE INDIVIDULES IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. SS1001 AND 33 U.S.C. SS 1319. (PENALTIES UNDER THESE STATUTES MAY INCLUDE FINES UP TO \$10,000 AND OR MAXIMUM IMPRISONMENT OF BETWEEN 6 MONTHS AND 5 YEARS.)				TELEPHONE		DATE			
Darrin Gordon  General Manager LBPW											
TYPED OR PRINTED						SIGNATURE OF PRICIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		AREA CODE	NUMBER	YEAR	MONTH

COMMENT AND EXPANATION OF ANY VIOLATIONS (Reference all attachments here)

<b>Year:</b>	<b>2022</b>	<b>Delaware River Basin Commission (DRBC) Annual Effluent Monitoring Report (AEMR)</b>	
<b>Docket Holder:</b>	<b>City of Lewes Board of Public Works</b>		
<b>Docket Number:</b>	<b>D-2012-011 CP-3</b>		
<b>NPDES Number:</b>	<b>DE0021512</b>		
<b>Outfall Number:</b>	<b>1</b>		
<b>Docket Approval Date:</b>	<b>6/9/2021</b>	<b>Docket Expiration Date:</b>	<b>10/31/2028</b>

<b>DRBC Mail Control Slip Number (DRBC USE ONLY):</b>	Date Form Edited: 2/8/2022
<p>Docket holders should begin by entering the calendar year being reported. The docket holder's name should be the same as the one on the actual docket. Docket and NPDES permit numbers must be entered on the form, or the Annual Effluent Monitoring Report will not be associated with the docket and may result in a compliance issue.</p>	

Applicability: BW = Basinwide, SPW = Special Protection Waters, SS = Special Study																											
Enter Monitoring Requirements from Docket	BW, SPW			BW, SPW		BW, SPW			BW			BW		BW		SPW		SPW		SPW		SPW					
	Average Monthly Flow	Total Suspended Solids		Fecal Colif C		Ammonia - Nitrogen	CBOD (5-day) or BOD (5-day)			pH		Color	Total Dissolved Solids		Dissolved Oxygen	Total Phosphorous		Total Kjeldahl Nitrogen		Nitrate - Nitrite Nitrogen		Total Nitrogen		enterococcus			
				E.Coli																							
Units	mgd	mg/l	lbs/d	cfu / 100 ml	mg/l	lbs/d	Influent		Effluent		% Removal	Standard Units		N/A	mg/l	lbs/d	mg/l	mg/l	lbs/d	mg/l	lbs/d	mg/l	lbs/d	mg/l	lbs/d	cfu / 100 ml	
Monthly Average Effluent Limit (Winter Spring)	1.5	15	188					mg/l	lbs/d	mg/l	lbs/d		6 -- 9						2	25				8	100	10	
Monthly Average Effluent Limit (Summer-Fall)	1.5	15	188							15	188	92.5	6 -- 9						2	25				8	100	10	
Monitor & Report Only							X	X																			
Enter Monitoring Results	Report Monthly Average	Report Monthly Average	Report Monthly Average	Report Monthly Average	Report Monthly Average; Indicate CBOD5 or BOD5		Report Monthly Average; Indicate CBOD5 or BOD5		Report Monthly Average	Report Monthly Minimum	Report Monthly Maximum	Report Monthly Average	Report as Directed in Docket	Report Monthly Average	Report Monthly Average	Report Monthly Average	Report Monthly Average	Report as Directed in Docket	Report as Directed in Docket								
					BOD5		BOD5																				
					Select Input																						
January	0.7485	0.8	4.4			119	450	2.4	14.3	98	6.84	7.61				0.09	0.52					3.37	19.53	1			
February	0.6951	0.9	4.7			169	956	2.7	15.4	98.4	7.02	8.29				0.12	0.71					5.52	32.78	1			
March	0.6898	0.9	4.8			227	1,231	2.4	13.4	98.9	6.87	7.51				0.05	0.27					3.63	19.74	1			
April	0.7412	0.5	3.3			317	1,824	2.4	15.2	99.2	6.96	7.47				0.14	0.93					5.05	33.61	1			
May	0.7789	0.5	3.2			146	847	2.4	15.3	98.4	7.08	7.69				0.26	1.57					7.47	45.83	1			
June	0.8116	1.0	6.3			210	1,343.00	2.4	16	98.9	6.25	7.65				0.75	4.67					3.38	21.25	1			
July	0.7926	0.9	5.9			217	1,683	2.4	15.7	98.9	7.1	7.53				1.01	7.98					5.2	41.07	1			
August	0.7753	0.7	4.3			189	1,160	2.4	15.1	98.7	7.22	7.5				0.54	3.55					4.24	27.84	1			
September	0.8703	0.9	6.4			136	878	2.4	17.5	98.2	7.03	7.31				0.12	0.81					3.79	25.61	1			
October	0.8498	1.3	9.8			188	1,602	2.4	19	98.7	7.01	7.53				0.08	0.86					6.48	69.64	1			
November	0.7684	0.6	3.9			103	630.00	2.5	15.9	97.6	6.93	7.37				0.07	0.43					4.07	25.09	1			
December	0.8205	0.6	3.6			174	1,051	2.5	15.8	98.6	6.86	7.27				0.05	0.31					4.81	30.19	1			

<b>Docket Holder Comments:</b>
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**Note:** Most Commission discharge dockets (permits) require the submittal of an annual effluent monitoring report. Typically, the annual effluent monitoring report is due January 31 for the previous calendar year. Docket holders should begin to complete this form by referencing their Commission docket and inserting their respective monitoring requirements. Docket holders may have both strict effluent limitations as well as "monitor and report" requirements, both of which should be reported. Docket holders may also have seasonal limits for certain parameters, which should be reflected in the table above.

Most docket holders are only required to monitor for a subset of the parameters above. If your docket includes an effluent limit or reporting requirement in both concentration (mg/l) and loading (lbs/day), both should be reported. If you have questions about the parameters in your docket, or if you need a copy of your docket, please contact the Commission's Project Review Section at 609-883-9500 ext 216. The submittal of the annual effluent monitoring report does not negate any other special monitoring studies (macroinvertebrates, thermal, nutrient, PCBs, etc.) and/or reporting requirements that may be required

**Electronic submittal of the annual effluent monitoring report (in Excel format) is preferred and can be done by emailing it to: [aemr@drbc.gov](mailto:aemr@drbc.gov)**