DMR Copy of Record

Permit					
Permit #:	**MD0024333**	**Permittee:**	MARYLAND MOBILE ESTATES, LLC	**Facility:**	MARYLAND MANOR WWTP
Major:	No	**Permittee Address:**	4922 FAIRMONT AVENUE, SUITE 280 BETHESDA (0811--AA), MD 20814	**Facility Location:**	4600 SANDS ROAD ANNE ARUNDEL COUNTY HARWOOD, MD 20776
Permitted Feature:	001 External Outfall	**Discharge:**	**001-A** 12-DP-0811		
Report Dates & Status					
Monitoring Period:	**From 04/01/16 to 04/30/16**	**DMR Due Date:**	**05/28/16**	**Status:**	**NetDMR Validated**
Considerations for Form Completion					
DISCHARGE SHALL BE LIMITED AT ALL TIMES. THERE SHALL BE NO DISCHARGE OF FLOATING SOLIDS OR VISIBLE FOAM OTHER THAN TRACE AMOUNT. FLOW USED IN WASTE ALLOCATION CALCULATIONS, NOT TO BE CONSIDERED A LIMITATION.					
Principal Executive Officer					
First Name:	Edward	**Title:**	Superintendent	**Telephone:**	410-353-0383
Last Name:	Crooks				
No Data Indicator (NODI)					
Form NODI:	--				

Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration							# of Ex.	Frequency of Analysis	Sample Type
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
00300	**Oxygen, dissolved [DO]**	1 - Effluent Gross	0	--	Sample						=	7.6	=	8.4			19 - mg/L		01/01 - Daily	GR - GRAB
					Permit Req.						>=	5 INST MIN	>=	5.5 MO AV MN			19 - mg/L		01/01 - Daily	GR - GRAB
					Value NODI															
00300	**Oxygen, dissolved [DO]**	1 - Effluent Gross	1	--	Sample						=	8.2					19 - mg/L		01/01 - Daily	GR - GRAB
					Permit Req.						>=	6 MN WK AV					19 - mg/L		01/01 - Daily	GR - GRAB
					Value NODI															
00310	**BOD, 5-day, 20 deg. C**	1 - Effluent Gross	0	--	Sample	=	2	=	4.6	26 - lb/d			=	5.3	=	12	19 - mg/L		01/07 - Weekly	08 - COMP-8
					Permit Req.	<=	23 MX MO AV	<=	34 MX WK AV	26 - lb/d			<=	30 MX MO AV	<=	45 MX WK AV	19 - mg/L		01/07 - Weekly	08 - COMP-8
					Value NODI															
00400	**pH**	1 - Effluent Gross	0	--	Sample						=	6.8			=	7.6	12 - SU		01/01 - Daily	GR - GRAB
					Permit Req.						>=	6.5 MINIMUM			<=	8.5 MAXIMUM	12 - SU		01/01 - Daily	GR - GRAB
					Value NODI															
00530	**Solids, total suspended**	1 - Effluent Gross	0	--	Sample	=	1.5	=	2 3	26 - lb/d			=	4	=	6	19 - mg/L		01/07 - Weekly	08 - COMP-8
					Permit Req.	<=	23 MX MO AV	<=	34 MX WK AV	26 - lb/d			<=	30 MX MO AV	<=	45 MX WK AV	19 - mg/L		01/07 - Weekly	08 - COMP-8
					Value NODI															
00600	**Nitrogen, total [as N]**	1 - Effluent Gross	0	--	Sample								=	23.3			19 - mg/L		01/30 - Monthly	08 - COMP-8
					Permit Req.									Req Mon MO AVG			19 - mg/L		01/30 - Monthly	08 - COMP-8
					Value NODI															
00600	**Nitrogen, total [as N]**	1 - Effluent Gross	1	--	Sample			=	370.7	76 - lb/mo									01/30 - Monthly	CA - CALCTD
					Permit Req.				Req Mon MO TOTAL	76 - lb/mo									01/30 - Monthly	CA - CALCTD
					Value NODI															
00600	**Nitrogen, total [as N]**	1 - Effluent Gross	2	--	Sample			=	827.7	50 - lb/yr									01/30 - Monthly	CA - CALCTD
					Permit Req.				Req Mon CUM TOTL	50 - lb/yr									01/30 - Monthly	CA - CALCTD
					Value NODI															
00605	**Nitrogen, organic total [as N]**	1 - Effluent Gross	0	--	Sample															
					Permit Req.									Req Mon MO AVG			19 - mg/L		01/30 - Monthly	08 - COMP-8
					Value NODI									B - Below Detection Limit/No Detection						
00610	**Nitrogen, ammonia total [as N]**	1 - Effluent Gross	0	--	Sample															
					Permit Req.									Req Mon MO AVG			19 - mg/L		01/30 - Monthly	08 - COMP-8
					Value									B - Below Detection Limit/No						

					NODI									Detection						
00630	**Nitrite + Nitrate total [as N]**	1 - Effluent Gross	0	--	Sample								=	23.3			19 - mg/L		01/30 - Monthly	08 - COMP-8
					Permit Req.									Req Mon MO AVG			19 - mg/L		01/30 - Monthly	08 - COMP-8
					Value NODI															
00665	**Phosphorus, total [as P]**	1 - Effluent Gross	0	--	Sample								=	3.18			19 - mg/L		01/30 - Monthly	08 - COMP-8
					Permit Req.									Req Mon MO AVG			19 - mg/L		01/30 - Monthly	08 - COMP-8
					Value NODI															
00665	**Phosphorus, total [as P]**	1 - Effluent Gross	1	--	Sample			=	36.9	76 - lb/mo									01/30 - Monthly	CA - CALCTD
					Permit Req.				Req Mon MO TOTAL	76 - lb/mo									01/30 - Monthly	CA - CALCTD
					Value NODI															
00665	**Phosphorus, total [as P]**	1 - Effluent Gross	2	--	Sample			=	143	50 - lb/yr									01/30 - Monthly	CA - CALCTD
					Permit Req.				Req Mon CUM TOTL	50 - lb/yr									01/30 - Monthly	CA - CALCTD
					Value NODI															
04175	**Phosphate, ortho [as P]**	1 - Effluent Gross	0	--	Sample								=	1.55			19 - mg/L		01/30 - Monthly	08 - COMP-8
					Permit Req.									Req Mon MO AVG			19 - mg/L		01/30 - Monthly	08 - COMP-8
					Value NODI															
50050	**Flow, in conduit or thru treatment plant**	1 - Effluent Gross	0	--	Sample	=	0.046	=	0 067	03 - MGD									99/99 - Continuous	RC - Recorder (auto)
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD									99/99 - Continuous	RC - Recorder (auto)
					Value NODI															
50060	**Chlorine, total residual**	1 - Effluent Gross	0	--	Sample															
					Permit Req.										<=	.1 DAILY MX	19 - mg/L		01/01 - Daily	GR - GRAB
					Value NODI											B - Below Detection Limit/No Detection				
51040	**E. coli**	1 - Effluent Gross	0	--	Sample										=	5	30 - MPN/100mL		01/07 - Weekly	GR - GRAB
					Permit Req.										<=	126 MX MO GMN	30 - MPN/100mL		01/07 - Weekly	GR - GRAB
					Value NODI															
82220	**Flow, total**	1 - Effluent Gross	0	--	Sample			=	1 393	80 - Mgal/mo									01/30 - Monthly	CA - CALCTD
					Permit Req.				Req Mon TOTAL	80 - Mgal/mo									01/30 - Monthly	CA - CALCTD
					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
MDManorMOR.PDF	pdf	65151

Report Last Saved By

MARYLAND MOBILE ESTATES, LLC

User: [redacted]

Name: edward crooks

E-Mail: [redacted]

Date/Time: 2016-05-24 14:25 (Time Zone: -04:00)

Report Last Signed By

User:

Name:

E-Mail:

Date/Time: (Time Zone:)

Superintendent of record: Edward Crooks
Certification no. 00281
14 E Irongate Drive Waldorf, MD 20602

Maryland Manor WWTP-NPDES # MD-0024333
MONTHLY OPERATING REPORT
Activated Sludge WWTP - Anne Arundel County

APRIL 2016		GENERAL					INFLUENT			ACTIVATED SLUDGE PROCESS												FINAL EFFLUENT											
				F			SU	mg/L	mg/L		mg/L		mg/L			Blanket		Inches		sludge (gallon		SU	mg/L	mg/l	mpn	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Chlorine p
init / tim	Date	Day	Wx	Temp	Odor	MGD	pH	BOD	SS	Color	D. O.	Settle	ph	SVI	aeration level	in feet	Foam	Waste	Appearance	waste	hauled	pH	D. O.	BOD	E. Coli	TSS	NH3	NO2+NO3	Org N	TN	TP	OP	CTC	Final
	01	FRI	RAIN	65	NO	.036	8.7			BRN		240					MED		CLR			6.8	8.3										1.7	0.0
	02	SAT	CLD	70	NO	.053				BRN		260	6.7				MED		CLR			7.1	8.0										1.0	0.0
	03	SUN	CLR	45	NO	.038				BRN		310	6.9				MED		CLR			7.1	8.2										1.0	0.0
	04	MON	CLR	70	NO	.051	8.7			BRN		340	6.9				MED		CLR			7.1	8.5										0.5	0.0
	05	TUE	CLR	38	NO	.042	8.5			BRN		300	6.8				LITE		CLR			7.0	8.3	12.0	8.6	6.0	ND	23.3	ND	23.3	4.00		0.5	0.0
	06	WED	CLR	53	NO	.051	8.6			BRN		280	6.8				LITE		CLR			6.9	8.4										0.5	0.0
	07	THU	RAIN	55	NO	.051	7.9			BRN		300	6.6				LITE		CLR			6.9	8.0										1.0	0.0
	08	FRI	CLD	50	NO	.053	7.7			BRN		250	6.8				LITE		CLR			6.9	8.3										1.0	0.0
	09	SAT	RAIN	40	NO	.046				BRN		230	6.7				LITE		CLR			6.9	8.2										1.0	0.0
	10	SUN	CLR	40	NO	.064				BRN		230	6.8				LITE		CLR			6.9	8.3										1.0	0.0
	11	MON	RAIN	45	NO	.053	8.0			BRN		180	6.7				LITE		CLR			7.1	9.1										0.7	0.0
	12	TUE	RAIN	59	NO	.067	7.3			BRN		290	6.6				LITE		CLR			6.9	8.5	4.0	88.4	4.0							0.5	0.0
	13	WED	CLR	51	NO	.058	7.9			BRN		410	6.4				LITE		CLR			6.9	7.6										0.5	0.0
	14	THU	CLR	55	NO	.040	8.5			BRN		360	6.6				LITE		CLR			6.9	8.1										1.0	0.0
	15	FRI	CLR	59	NO	.050	7.1			BRN		380	6.6				LITE		CLR			7.0	8.2										0.5	0.0
	16	SAT	CLR	59	NO	.034				BRN		360					LITE		CLR			7.6	7.7										0.8	0.0
	17	SUN	CLR	55	NO	.041				BRN		350					LITE		CLR			6.9	7.8										0.7	0.0
	18	MON	CLR	65	NO	.045	8.5			BRN		350	6.7				LITE		CLR			7.6	8.1										1.0	0.0
	19	TUE	CLR	70	NO	.042	8.3			BRN		350	6.7				LITE		CLR			7.0	8.7	3.0	ND	4.0							1.0	0.0
	20	WED	CLR	50	NO	.036	8.0			BRN		320	6.7				LITE		CLR			7.0	8.8										0.9	0.0
	21	THU	CLR	50	NO	.038	8.8			BRN		340	6.8				LITE		CLR			7.6	8.2										0.9	0.0
	22	FRI	CLD	73	NO	.050	7.2			BRN		420	6.6				LITE		CLR			6.9	8.0										0.5	0.0
	23	SAT	RAIN	62	NO	.041				BRN		340	6.6				LITE		CLR			6.9	8.3										0.5	0.0
	24	SUN	CLR	58	NO	.040				BRN		380	6.7				LITE		CLR			7.0	8.2										0.8	0.0
	25	MON	CLR	73	NO	.049				BRN		470	6.6				MED		CLR			6.9	8.4										0.9	0.0
	26	TUE	CLR	80	NO	.054	8.4			BRN		330	6.8				MED		CLR			6.9	8.0	2.0	ND	2.0					2.35	1.55	0.9	0.0
	27	WED	RAIN	54	NO	.035	8.3			BRN		370	6.6				MED		CLR			6.9	8.4										1.0	0.0
	28	THU	RAIN	54	NO	.054	7.0			BRN		590	6.5				MED		CLR			7.2	8.1										0.6	0.0
	29	FRI	RAIN	48	NO	.038	8.1			BRN		510	6.6				MED		CLR			7.2	10.1										0.7	0.0
	30	SAT	CLD	50	NO	.043	8.3			BRN		390	6.5				MED		CLR			7.0	10.0										0.8	0.0
TOTAL		x	x	86	x	1.393	169.8	x	x	x	x	10230	180.3	x	x	x	x	x	x	x	x	211.0	250.8	21.0	X	16.0	ND	23.3	ND	23.3	6.35	1.55		0.0
AVERAGE		x	x	x	x	.046	8.1	#DIV/0!	#####	####	#DIV/0!	341	6.7	####	#DIV/0!	#####	#DIV/0!	#DIV/0!	#DIV/0!	x	x	7.0	8.4	5.3	X	4.0	ND	23.3	ND	23.3	3.18	1.55	x	0.0
MAXIMUM		x	x	x	x	.067	8.8	.000	.000	.000	.000	590	6.9	.000	.000	.000	.000	0	.000	x	x	7.6	10.1	12.0	X	6.0	ND	23.3	ND	23.3	4.00	1.55	x	0.0
MINIMUM		x	x	x	x	.034	7.0	.000	.000	.000	.000	180	6.4	.000	.000	.000	.000	0	.000	x	x	6.8	7.6	2.0	X	2.0	ND	23.3	ND	23.3	2.35	1.55	x	0.0

Comments: