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02-28-2024

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

**DIVISION OF WATER
RESOURCE MANAGEMENT**

When Completed mail this report to: Department of Environmental Protection, <http://www.fldportal.com/go/>

PERMITTEE NAME: Cove Communities
MAILING ADDRESS: 4350 E Camelback Rd. A100
Phoenix, Arizona 85016

PERMIT NUMBER:

FLA013390-006-DW2P

FACILITY: Camelot Lakes WWTP
LOCATION: 5580 Axminster Dr.
Sarasota, FL 34241

LIMIT:
CLASS SIZE:
MONITORING GROUP NUMBER:
MONITORING GROUP DESCRIPTION:
RE-SUBMITTED DMR:
NO DISCHARGE FROM SITE:
MONITORING PERIOD

Final
N/A
R-001
percolation/reject ponds, including influent


REPORT FREQUENCY: Monthly
PROGRAM: Domestic

COUNTY: Sarasota
OFFICE: South District

From: 1/1/24 to 1/31/24

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Flow	Sample Measurment		0.011						0		
PARM Code 50050 Y Mon. Site No. FLW-03	Permit Requirement		0.078 (An Avg.)	MGD						5 Days/Week	Flow Totalizer
Flow	Sample Measurement		0.070						0		
PARM Code 50050 1 Mon. Site No. FLW-03	Permit Requirement		Report (Mo.Avg.)	MGD						5 Days/Week	Flow Totalizer
BOD, Carbonaceous 5 day, 20C	Sample Measurment					2.30			0		
PARM Code 80082 Y Mon. Site No. EFA-01	Permit Requirement					20 (An. Avg.)		mg/L		Bi-weekly;every 2 weeks	8-hr FPC
BOD, Carbonaceous 5 day, 20C	Sample Measurment				<5	<5	<5		0		
PARM Code 80082 A Mon. Site No. EFA-01	Permit Requirement				60 (Max.)	45.0 (Max.Wk.Avg)	30.0 (Mo.Avg.)	mg/L		Bi-weekly; every 2 weeks	8-hr FPC
Solids, Total Suspended	Sample Measurment					1.98			0		
PARM Code 00530 Y Mon Site No. EFA-01	Permit Requirement					20.0 (An. Avg.)		mg/L		Bi-weekly; every 2 weeks	8-hr FPC
Solids, Total Suspended	Sample Measurement				2.76	2.76	2.76		0		
PARM CODE 00530 A Mon. Site No. EFA-01	Permit Requirement				60.0 (Max.)	45.0 (Max.Wk.Avg.)	30 (Mo.Avg.)	mg/L		Bi-weekly; every 2 weeks	8-hr FPC

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Bases on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO	DATE (YY/MM/DD)
James C. Novak / Operator		941-716-1835	24/2/16

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):

Missing lab results. Waiting on lab to send results.
Effluent flowmeter offline, waiting on replacement meter, flows estimated
Waiting on equipment needed for conductance readings
Hauler delayed hauling resulting in high solids (High TSS in plant for the last 2 weeks of January)
ISSUANCE/REISSUANCE DATE: March 2020
DMR EFFECTIVE DATE: May 1, 2020 - Permit expiration

DISCHARGE MONITORING REPORT - PART A (Continued)

Facility: Camelot Lakes WWTP

MONITORING GROUP NUMBER: R001
MONITORING PERIOD From: 1/1/24 to 1/31/24

PERMIT NUMBER: FLA013390-006-DW2P

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Coliform, Fecal	Sample Measurement					43.15			0		
PARM Code 74055 Y Mon. Site No. EFA-01	Permit Requirement					200.0 (An.Avg.)		#100mL		Bi-weekly/every 2 weeks	Grab
Coliform, Fecal	Sample Measurement					<1	<1		1		
PARM Code 74055 A Mon. Site No. EFA-01	Permit Requirement					200.0 (Mo.Geo.Mn)	800 (Max.)	#100mL		Bi-weekly/every 2 weeks	Grab
pH	Sample Measurement				6.7		7.7		0		
PARM Code 00400 A Mon. Site No. EFA-01	Permit Requirement				6.0 (Min.)		8.5 (Max.)	s.u.		5 Days/Week	Grab
Chlorine, Total Residual (For Disinfection)	Sample Measurement				1.0				0		
PARM Code 50060 A Mon. Site No. EFA-01	Permit Requirement				0.5 (Min.)			mg/L		5 Days/Week	Grab
Nitrogen, Nitrate, Total (as N)	Sample Measurement						6.40		0		
PARM Code 00620 A Mon. Site No. EFA-01	Permit Requirement						12 (Max.)	mg/L		Bi-weekly, every 2 weeks	8 hr FPC
Flow (Concentrate)	Sample measurement		0.045								
PARM Code 50050 P Mon. Site No. FLW-04	Permit requirement		0.025 (An.Avg.)	MGD						Continuous	Meter
Flow (Concentrate)	Sample Measurement		0.037								
PARM Code 50050 Q Mon Site No. FLW-04	Permit Requirement		Report (Mo.Avg.)	MGD						Continuous	Meter
Solids, Total Suspended (Blend)	Sample Measurement						12.80				
PARM Code 00530 1 Mon. Site No. EFF-02	Permit Requirement						Report (Max.)	mg/L		Weekly	Grab
pH(Blend)	Sample Measurement				6.8		7.2				
PARM Code 00400 1 Mon. Site No. EFF-02	Permit Requirement				Report (Min.)		Report (Max.)	S.U.		Weekly	Grab
Specific Conductance (Blend)	Sample Measurement						ANC				
PARM Code 00095 1 Mon. Site No. Eff-02	Permit requirement						Report (Max.)	umbos/cm		Continuous	Meter

ISSUANCE/REISSUANCE DATE: March 2020

DMR EFFECTIVE DATE: May 1, 2020 - Permit expiration

DEP Form 62-620.910(10), Effective Nov 29, 1994

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed mail this report to: Department of Environmental Protection, <http://www.fdeportal.com/go/>

PERMITTEE NAME: Cove Communities
MAILING ADDRESS: 4350 E Camelback Rd. A100
Phoenix, Arizona 85016

PERMIT NUMBER:

FLA013390-006-DW2P

FACILITY: Camelot Lakes WWTP
LOCATION: 5580 Axminster Dr.
Sarasota, FL 34241

LIMIT:
CLASS SIZE:
MONITORING GROUP NUMBER:
MONITORING GROUP DESCRIPTION:
RE-SUBMITTED DMR:
NO DISCHARGE FROM SITE:
MONITORING PERIOD

Final
N/A
R-002
Public Accss Reuse, with Influent


REPORT FREQUENCY: Monthly
PROGRAM: Domestic

COUNTY: Sarasota
OFFICE: South District

From: 1/1/24 to 1/31/24

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Flow	Sample Measurment		0.103						0		
PARM Code 50050 Y Mon. Site No. FLW-02	Permit Requirement		0.090 (An.Avg.)	MGD						5 Days/Week	Flow Totalizer
Flow	Sample Measurement		0.104						0		
PARM Code 50050 1 Mon. Site No. FLW-02	Permit Requirement		Report (Mo.Avg.)	MGD						5 Days/Week	Flow Totalizer
BOD, Carbonaceous 5 day, 20C	Sample Measurment				2.30				0		
PARM Code 80082 Y Mon. Site No. EFA-01	Permit Requirement				20 (An.Avg.)		mg/L			B-weekly, every 2 weeks	8hr FPC
BOD, Carbonaceous 5 day, 20C	Sample Measurment				<5	<5	<5		0		
PARM Code 80082 A Mon. Site No. EFA-01	Permit Requirement				60 (Max.)	45.0 (Max.Wk.Avg.)	30.0 (Mo. Avg.)	mg/L		Bi-weekly, every 2 weeks	8hr FPC
Solids, Total Suspended	Sample Measurment						12.80		1		
PARM Code 00530 B Mon. Site No. EFA-01	Permit Requirement						5.0 (Max.)	mg/L		4 Days/Week	Grab
Coliform, Fecal	Sample Measurment						<1		0		
PARM Code 74055 A Mon. Site No. EFA-01	Permit Requirement						25 (Max)	#/100mL		4 Days/Week	Grab

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NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO	DATE (YY/MM/DD)
James C. Novak / Operator		941-716-1835	24/2/16

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):

low quality effluent due to LS problems causing high TSS and fecal

ISSUANCE/REISSUANCE DATE: March 2020

DMR EFFECTIVE DATE: May 1, 2020 - Permit expiration

DEP Form 62-620.910(10), Effective Nov 29, 1994

DISCHARGE MONITORING REPORT - PART A (Continued)

Facility: Camelot Lakes WWTP

MONITORING GROUP NUMBER: R002
MONITORING PERIOD From: 1/1/24 to 1/31/24

PERMIT NUMBER: FLA013390-006-DW2P

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Coliform, Fecal, % less than detection	Sample Measurement				100%				0		
PARM Code 51005 A	Permit Requirement				75.0 (Min.Mo.Total)			percent		Monthly	Calculated
Mon. Site No. EFA-01											
pH	Sample Measurement				6.7		7.7		0		
PARM Code 00400 A	Permit Requirement				6.0 (Min.)		8.5 (Max.)	s.u.		5 Days/Week	Grab
Mon. Site No. EFA-01											
Chlorine, Total Residual (For Disinfection)	Sample Measurement				1.0				0		
PARM Code 50060 A	Permit Requirement				1.0 (Min.)			mg/L		Continuous	Meter
Mon. Site No. EFA-01											
Turbidity	Sample Measurement						2.40		0		
PARM Code 00070 B	Permit Requirement						Report (Max.)	NTU		Continuous	Meter
Mon. Site No. EFA-01											
Nitrogen, Total	Sample Measurement						20.5		0		
PARM Code 00600 A	Permit Requirement						Report (Max.)	mg/L		Monthly	Grab
Mon. Site No. EFA-01											
Phosphorus, Toal (as P)	Sample Measurement						2.35		0		
PARM Code 00665 A	Permit Requirement						Report (Max.)	mg/L		Monthly	Grab
Mon. Site No. EFA-01											
Flow	Sample Measurement	0.070	0.065						0		
PARM Code 50050 P	Permit Requirement	Report (Mo.Avg.)	0.168 (3Mo.Avg.)	MGD						5 Days/Week	Flow Totalizer
Mon. Site No. FLW-01											
Percent Capacity (TMADF/Permitted Capacity) x 100	Sample Measurement						38%		0		
PARM Code 00180 I	Permit Requirement						Report (Max.)	mg/L		Bi-weekly, every 2 weeks	8-hr FPC
Mon. Site No. FLW-01											
BOD, Carbonaceous 5 day, 20C (Influent)	Sample Measurement						66.70		0		
PARM Code 80082 G	Permit Requirement						Report (Max.)	mg/L		Bi-weekly, every 2 weeks	8-hr FPC
Mon. Site No. INF-01											
Solids, Total Suspended (Influent)	Sample Measurement						192.00		0		
PARM Code 00530 G	Permit Requirement						Report (Max.)	mg/L		Bi-weekly, every 2 weeks	8-hr FPC
Mon. Site No. INF-01											

ISSUANCE/REISSUANCE DATE: March 2020

DMR EFFECTIVE DATE: May 1, 2020- Permit expiration

DEP Form 62-620.910(10), Effective Nov 29, 1994

DISCHARGE MONITORING REPORT - PART A (Continued)

When Completed mail this report to: Department of Environmental Protection, <http://www.fldepportal.com/go/>

PERMITTEE NAME: Cove Communities
MAILING ADDRESS: 4350 E Camelback Rd. A100
Phoenix, Arizona 85016

PERMIT NUMBER: FLA013390-006-DW2P

LIMIT: Final
CLASS SIZE: N/A
MONITORING GROUP NUMBER: RMP-Q
MONITORING GROUP DESCRIPTION: Biosolids Quantity

REPORT FREQUENCY: Monthly
PROGRAM: Domestic


FACILITY: Camelot Lakes WWTP
LOCATION: 5580 Axminster Dr.
Sarasota, FL 34241

RE-SUBMITTED DMR:
NO DISCHARGE FROM SITE:
MONITORING PERIOD From: 1/1/24 to 1/31/24

COUNTY: Sarasota
OFFICE: South District

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Biosolids Quantity (Landfilled)	Sample Measurement		0.00						0		
PARM Code B0008 + Mon. Site No. RMP-01	Permit Requirement		Report (Mo. Total)	dry tons						Monthly	Calculated
Biosolids Quantity (Transferred)	Sample Measurement		4.63						0		
PARM Code B0007 + Mon. Site No. RMP-02	Permit Requirement		Report (Mo. Total)	dry tons						Monthly	Calculated

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NAME/TITLE OF PRINCIPAL EXECUTIVE OF Permit	SIGNATURE OF PRINCIPAL EXECUTIVE OFF Report	TELEPHONE NO	DATE (YY/MM/DD)
James C. Novak / Operator		941-716-1835	24/2/16

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):

ISSUANCE/REISSUANCE DATE: March 2020

DMR EFFECTIVE DATE: May 1, 2020 - Permit expiration

DEP Form 62-620.910(10), Effective Nov 29, 1994

DAILY SAMPLE RESULTS - PART B

Permit Number:

FLA013390-006-DW2P

Facility: Camelot Lake

Monitoring Period

From: 1/1/24 to 1/31/24

	BOD, Carbonaceous 5 day, 20C (Influent) mg/L	BOD Carbonaceous 5 day,20C mg/L bi weekly effluent	Calcium Total Recoverable (Blend) mg/L RO conc.	Chloride (as Cl) (Blend) mg/L RO conc	Chlorine Total Residual (For Disinfection) mg/L effluent	Coliform Fecal, #/100mL effluent	Flow (Concentrate) MGD RO conc	Flow MGD effluent	Flow MGD reuse	Flow MGD Perc Ponds	Fluoride Total (as F) (Blend) mg/L RO
Code	80082	80082	00918	00940	00600	74055	50050	50050	50050	50050	00951
Mon. Site	INF-01	EFA-01	EFF-02	EFF-02	EFA-01	EFA-01	FLW-04	FLW-01	FLW-02	FLW-03	EFF-02
1			282.00	141.00	1.80	<1	0.043	0.065	0.00	0.065	2.290
2					2.00	<1	0.026	0.065	0.31	-0.245	
3					2.20	<1	0.039	0.070	0.00	0.070	
4					1.90	<1	0.046	0.070	0.00	0.070	
5					1.80		0.048	0.070	0.00	0.070	
6					2.00		0.029	0.070	0.00	0.070	
7					1.00		0.040	0.070	0.00	0.070	
8			334.00	123.00	1.90	<1	0.046	0.070	0.32	-0.248	1.110
9					2.00		0.025	0.070	0.28	-0.214	
10	66.70	<5			8.30	<1	0.026	0.070	0.02	0.051	
11					2.10	<1	0.034	0.070	0.00	0.070	
12					2.00	<1	0.029	0.070	0.00	0.070	
13					1.20		0.042	0.070	0.00	0.070	
14					1.90		0.031	0.070	0.31	-0.236	
15			469.00	198.00	1.90	<1	0.042	0.070	-0.01	0.077	1.750
16					3.30	<1	0.036	0.070	0.31	-0.240	
17					3.80	<1	0.035	0.070	0.00	0.070	
18					10.00	<1	0.030	0.070	0.25	-0.184	
19					6.10		0.043	0.070	0.09	-0.019	
20					9.40		0.037	0.070	0.00	0.070	
21					5.10		0.038	0.070	0.24	-0.171	
22					5.40	<1	0.031	0.070	0.00	0.070	
23					10.00	<1	0.046	0.070	0.10	-0.030	
24					10.00	<1	0.030	0.070	0.23	-0.162	
25					4.60	<1	0.052	0.070	0.15	-0.076	
26					7.60		0.037	0.070	0.11	-0.042	
27					10.00		0.034	0.070	0.15	-0.082	
28					10.00		0.043	0.070	0.00	0.070	
29					10.00	<1	0.049	0.070	0.29	-0.224	
30					10.00	<1	0.026	0.070	0.08	-0.011	
31					10.00	<1	0.041	0.070	0.00	0.070	
Total											
Mo. Avg.	66.70	<5	361.67	154.00		<1	0.037	0.070	0.104	-0.035	1.720

PLANT STAFFING:

Day Shift Operator

Class: C

Certificate No: 22619

Name:

Evening Shift Operator

Class: A

Certificate No: 19107

Name:

Night Shift Operator

Class:

Certificate No:

Name:

Lead Operator

Class: A

Certificate No: 15217

Name:

ISSUANCE/REISSUANCE DATE: March 2020

DEP Form 62-620.910(10), Effective November 29, 1994

DAILY SAMPLE RESULTS - PART B

Permit Number:

FLA013390-006-DW2P

Facility:

Camelot Lake

Monitoring Period

From: 1/1/24 to 1/31/24

	Magnesium, Total Recoverable (Blend) mg/L RO	Nitrogen, Nitrate, Total (as N) mg/L bi weekly effluent	Nitrogen, Total mg/L effluent	Phosphorus Total (as P) mg/L effluent	Sodium Total Recoverable (Blend) mg/L RO	Solids, Total Dissolved (TDS) (Blend) mg/L RO	Solids, Total Suspended (Blend) mg/L RO	Solids, Total Suspended (Influent) mg/L	Solids, Total Suspended mg/L bi weekly effluent	Solids, Total Suspended mg/L effluent	Specific Conductance (Blend) umhos/cm RO	Turbidity NTU effluent
Code	00921	00620	00600	00665	00923	70295	00530	00530	00530	00530	00095	00070
Mon. Site	EFF-02	EFA-01	EFA-01	EFA-01	EFF-02	EFF-02	EFF-02	INF-01	EFA-01	EFA-01	EFF-02	EFA-01
1	125.00				105.00	2060.00	0.57			0.57	ANC	1.000
2										0.57		1.800
3										0.57		1.600
4										0.57		1.300
5												1.000
6												0.900
7												1.200
8	132.00				110.00	1800.00	0.57			0.57		1.000
9												1.600
10		6.4	20.50	2.35				192.0	2.76	2.67		2.200
11										2.80		1.100
12										0.57		1.100
13												1.200
14												1.400
15	186.00				138.00	3040.00	0.57			0.57		1.100
16										3.58		1.800
17										3.37		2.200
18										5.12		2.000
19												1.800
20												1.500
21												1.500
22										2.34		1.600
23										9.02		2.200
24										4.21		2.000
25										0.57		2.300
26												2.000
27												2.000
28												2.400
29										12.80		1.800
30										7.60		1.300
31										2.44		2.10
Total												
Mo. Avg.	147.67	6.40	20.50	2.35	117.67	2300.00	0.57	192.0	2.8	4.47	ANC	1.613

PLANT STAFFING:

Day Shift Operator

Class: C

Certificate No: 22619

Name:

Evening Shift Operator

Class: A

Certificate No: 19107

Name:

Night Shift Operator

Class:

Certificate No:

Name:

Lead Operator

Class: A

Certificate No: 14768 15217

Name:

ISSUANCE/REISSUANCE DATE: March 2020

DEP Form 62-620.910(10), Effective November 29, 1994

DAILY SAMPLE RESULTS - PART B

Permit Number:

FLA013390-006-DW2P

Facility:

Camelot Lakes WWTP

Monitoring Period

From: 1/1/24 to 1/31/24

	pH (Blend) s.u.	pH s.u.									
	RO	effluent									
Code	00400	00400									
Mon. Site	EFF-02	EFA-01									
1	7.220	6.8									
2		6.9									
3		7.0									
4		6.9									
5		6.7									
6		6.9									
7		6.9									
8	6.850	7.0									
9		7.2									
10		7.1									
11		6.9									
12		7.0									
13		6.9									
14		7.2									
15	6.880	7.1									
16		6.8									
17		6.8									
18		7.5									
19		6.9									
20		6.9									
21		6.8									
22		6.8									
23		7.2									
24		7.2									
25		6.8									
26		7.3									
27		7.1									
28		7.4									
29		7.5									
30		7.7									
31		7.4									
Total											
Mo. Avg.	6.980										

PLANT STAFFING:

Day Shift Operator

Class: _____

Certificate No: _____

Name: _____

Evening Shift Operator

Class: _____

Certificate No: _____

Name: _____

Night Shift Operator

Class: _____

Certificate No: _____

Name: _____

Lead Operator

Class: A

Certificate No: 14768

Name: James C. Novak