

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART D

Facility Name: Collier County South County WRF		Monitoring Well ID: MWB-105517 CCS-1/25974 Foxfire	
Permit Number: FL0141356023DW1P		Well Type: Background Report Frequency: Quarterly	
Facility County: COLLIER		Program: Domestic	
Office: SD		Monitoring Period: From: 01/01/2023 To: 03/31/2023	
Was the well purged before sampling? Yes		Sample Date: 02/14/2023 Sample Time: 11:18 AM	

Parameter	PARAM Code	Sample Measurement	Permit Requirement	Units	Sample Type	Frequency of Analysis	Detection Limits	Analysis Method	Sampling Equipment Used	Samples Filtered (L/F/N)
Water Level Relative to NAVD	WLNAV	4.35	Report (Maximum)	ft	In Situ	1 Quarterly	0.01	DEP SOP FS 2200	Measuring Tape	N
Nitrogen, Nitrate, Total (as N)	00620	<0.26	Report (Maximum)	mg/L	Grab	1 Quarterly	0.26	EPA 353.2	Dedicated bladder pump	N
Solids, Total Dissolved (TDS)	70295	372	Report (Maximum)	mg/L	Grab	1 Quarterly	26.3	SM 2540 C	Dedicated bladder pump	N
Coliform, Fecal	74055	<1	Report (Maximum)	#/100mL	Grab	1 Quarterly	1	SM 9222 D	Dedicated bladder pump	N
pH	00400	6.84	Report (Maximum)	s.u.	In Situ	1 Quarterly	0.01	EPA 150.2	Dedicated bladder pump	N
Turbidity	00070	3.3	Report (Maximum)	NTU	In Situ	1 Quarterly	0.1	EPA 180.1	Dedicated bladder pump	N
Specific Conductance	00095	670	Report (Maximum)	umhos /cm	In Situ	1 Quarterly	1	EPA 120.1	Dedicated bladder pump	N
Temperature (C), Water	00010	24.5	Report (Maximum)	Deg C	In Situ	1 Quarterly	0.1	SM 2550 B	Dedicated bladder pump	N
Oxygen, Dissolved (DO)	00300	0.20	Report (Maximum)	mg/L	In Situ	1 Quarterly	0.01	SM 4500-O H	Dedicated bladder pump	N

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	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 GATHERED AND EVALUATED THE INFORMATION SUBMITTED, BASED 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.	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE	SUBMITTED ON
Diane DiPascale		Electronically Signed	(239) 252-1040	04/12/2023

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART D

Facility Name: Collier County South County WRF		Monitoring Well ID: MWC-105519 CCS-3/20372 Foxfire	
Permit Number: FL0141356023DW1P		Well Type: Compliance Report Frequency: Quarterly	
Facility County: COLLIER		Program: Domestic	
Office: SD		Monitoring Period: From: 01/01/2023 To: 03/31/2023	
Was the well purged before sampling? Yes		Sample Date: 02/14/2023 Sample Time: 09:55 AM	

Parameter	PARAM Code	Sample Measurement	Permit Requirement	Units	Sample Type	Frequency of Analysis	Detection Limits	Analysis Method	Sampling Equipment Used	Samples Filtered (L/F/N)
Water Level Relative to NAVD	WLNAV	2.41	Report (Maximum)	ft	In Situ	1 Quarterly	0.01	DEP SOP FS 2200	Measuring Tape	N
Nitrogen, Nitrate, Total (as N)	00620	0.26	10.0 (Maximum)	mg/L	Grab	1 Quarterly	0.26	EPA 353.2	Dedicated bladder pump	N
Solids, Total Dissolved (TDS)	70295	604	500.0 (Maximum)	mg/L	Grab	1 Quarterly	26.3	SM 2540 C	Dedicated bladder pump	N
Coliform, Fecal	74055	<1	4.0 (Maximum)	#/100mL	Grab	1 Quarterly	1	SM 9222 D	Dedicated bladder pump	N
pH	00400	6.91	6.5-8.5 (Range)	s.u.	In Situ	1 Quarterly	0.01	EPA 150.2	Dedicated bladder pump	N
Turbidity	00070	3.8	Report (Maximum)	NTU	In Situ	1 Quarterly	0.1	EPA 180.1	Dedicated bladder pump	N
Specific Conductance	00095	1055	Report (Maximum)	umhos /cm	In Situ	1 Quarterly	1	EPA 120.1	Dedicated bladder pump	N
Temperature (C), Water	00010	25.3	Report (Maximum)	Deg C	In Situ	1 Quarterly	0.1	SM 2550 B	Dedicated bladder pump	N
Oxygen, Dissolved (DO)	00300	0.18	Report (Maximum)	mg/L	In Situ	1 Quarterly	0.01	SM 4500-O H	Dedicated bladder pump	N

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Diane DiPascale		Electronically Signed	(239) 252-1040	04/12/2023

Parameter	Monitoring Site	Comments for Monitoring Group - MWC-105519
00620	MWC-105519	I - The Nitrate result was between the laboratory's MDL and PQL. The value reported is the MDL.
70295	MWC-105519	The operation permit issued August 11, 2022 includes an Administrative Order, AO-141356-023, which establishes a schedule for addressing elevated TDS concentrations in the compliance wells. During the active period of the AO, the TDS limit is a report only requirement. The average effluent TDS during this monitoring period was 862 mg/L.

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART D

Facility Name:		Collier County South County WRF					Monitoring Well ID: MWC-105520 CCS-4/20371 Foxfire			
Permit Number:		FL0141356023DW1P					Well Type: Compliance Report Frequency: Quarterly			
Facility County:		COLLIER					Program: Domestic			
Office:		SD					Monitoring Period: From: 01/01/2023 To: 03/31/2023			
Was the well purged before sampling? Yes							Sample Date: 02/14/2023 Sample Time: 09:11 AM			

Parameter	PARAM Code	Sample Measurement	Permit Requirement	Units	Sample Type	Frequency of Analysis	Detection Limits	Analysis Method	Sampling Equipment Used	Samples Filtered (L/F/N)
Water Level Relative to NAVD	WLNAV	2.74	Report (Maximum)	ft	In Situ	1 Quarterly	0.01	DEP SOP FS 2200	Measuring Tape	N
Nitrogen, Nitrate, Total (as N)	00620	<0.26	10.0 (Maximum)	mg/L	Grab	1 Quarterly	0.26	EPA 353.2	Dedicated bladder pump	N
Solids, Total Dissolved (TDS)	70295	596	500.0 (Maximum)	mg/L	Grab	1 Quarterly	26.3	SM 2540 C	Dedicated bladder pump	N
Coliform, Fecal	74055	<1	4.0 (Maximum)	#/100mL	Grab	1 Quarterly	1	SM 9222 D	Dedicated bladder pump	N
pH	00400	6.83	6.5-8.5 (Range)	s.u.	In Situ	1 Quarterly	0.01	EPA 150.2	Dedicated bladder pump	N
Turbidity	00070	7.2	Report (Maximum)	NTU	In Situ	1 Quarterly	0.1	EPA 180.1	Dedicated bladder pump	N
Specific Conductance	00095	978	Report (Maximum)	umhos /cm	In Situ	1 Quarterly	1	EPA 120.1	Dedicated bladder pump	N
Temperature (C), Water	00010	25.1	Report (Maximum)	Deg C	In Situ	1 Quarterly	0.1	SM 2550 B	Dedicated bladder pump	N
Oxygen, Dissolved (DO)	00300	0.19	Report (Maximum)	mg/L	In Situ	1 Quarterly	0.01	SM 4500-O H	Dedicated bladder pump	N

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Parameter	Monitoring Site	Comments for Monitoring Group - MWC-105520
70295	MWC-105520	The operation permit issued August 11, 2022 includes an Administrative Order, AO-141356-023, which establishes a schedule for addressing elevated TDS concentrations in the compliance wells. During the active period of the AO, the TDS limit is a report only requirement. The average effluent TDS during this monitoring period was 862 mg/L.

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART D

Facility Name: Collier County South County WRF		Monitoring Well ID: MWI-105518 CCS-2/20373 Foxfire	
Permit Number: FL0141356023DW1P		Well Type: Intermediate Report Frequency: Quarterly	
Facility County: COLLIER		Program: Domestic	
Office: SD		Monitoring Period: From: 01/01/2023 To: 03/31/2023	
Was the well purged before sampling? Yes		Sample Date: 02/14/2023 Sample Time: 10:37 AM	

Parameter	PARAM Code	Sample Measurement	Permit Requirement	Units	Sample Type	Frequency of Analysis	Detection Limits	Analysis Method	Sampling Equipment Used	Samples Filtered (L/F/N)
Water Level Relative to NAVD	WLNAV	2.73	Report (Maximum)	ft	In Situ	1 Quarterly	0.01	DEP SOP FS 2200	Measuring Tape	N
Nitrogen, Nitrate, Total (as N)	00620	<0.26	Report (Maximum)	mg/L	Grab	1 Quarterly	0.26	EPA 353.2	Dedicated bladder pump	N
Solids, Total Dissolved (TDS)	70295	708	Report (Maximum)	mg/L	Grab	1 Quarterly	26.3	SM 2540 C	Dedicated bladder pump	N
Coliform, Fecal	74055	<1	Report (Maximum)	#/100mL	Grab	1 Quarterly	1	SM 9222 D	Dedicated bladder pump	N
pH	00400	6.53	Report (Maximum)	s.u.	In Situ	1 Quarterly	0.01	EPA 150.2	Dedicated bladder pump	N
Turbidity	00070	3.9	Report (Maximum)	NTU	In Situ	1 Quarterly	0.1	EPA 180.1	Dedicated bladder pump	N
Specific Conductance	00095	1147	Report (Maximum)	umhos /cm	In Situ	1 Quarterly	1	EPA 120.1	Dedicated bladder pump	N
Temperature (C), Water	00010	24.1	Report (Maximum)	Deg C	In Situ	1 Quarterly	0.1	SM 2550 B	Dedicated bladder pump	N
Oxygen, Dissolved (DO)	00300	0.17	Report (Maximum)	mg/L	In Situ	1 Quarterly	0.01	SM 4500-O H	Dedicated bladder pump	N

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