

Permit No.: WQ0004696			Facility Name: Carolina Village WWTP					County: Currituck		Month: May		Year: 2024				
PPI: 001		Flow Measuring Point: <input type="checkbox"/> Influent <input checked="" type="checkbox"/> Effluent <input type="checkbox"/> No flow generated					Parameter Monitoring Point: <input type="checkbox"/> Influent <input checked="" type="checkbox"/> Effluent <input type="checkbox"/> Groundwater Lowering <input type="checkbox"/> Surface Water									
Parameter Code	50050	00310	00940	50060	31616	00610	00625	00620	00600	00400	00665	70300	00530	00076		
Day	ORC Arrival Time	ORC Time On Site	Flow	BOD5	Chloride	Total Residual Chlorine	Fecal Coliform	Ammonia	Total Kjeldahl Nitrogen	Nitrate	Total Nitrogen	pH	Total Phosphorus	Total Dissolved Solids	Total Suspended Solids	Turbidity
	24-hr	hrs	GPD	mg/L	mg/L	mg/L	#/100 mL	mg/L	mg/L	mg/L	mg/L	su	mg/L	mg/L	mg/L	NTU
1	10:30	1	4,704													
2	12:30	1	4,704			1.8						7.2				
3	11:45	1	2,998			2.3						7				
4	11:15	1	7,638			2.5						7.2				
5			4,209													
6	02:40	1	4,209			1.9						7.4				
7	04:25	1	3,011			2.2						7.1				
8	04:50	1	3,426			2.1						7.3				
9	10:30	1	2,999			2.6						7.4				
10	10:15	1	4,328			2.5						7.3				
11	06:00	1	3,626			2.6						7				
12			3,690													
13	11:34	2	3,690			2.3						7.2				
14	10:31	1	4,980			2.7						7.3				
15	11:09	1	7,882			1.9						7.2				
16	05:13	1	1,509			2.3						7.4				
17	04:05	1	9,516			1.8						7.2				
18			2,371													
19	12:30	1	2,371			1.1						7.3				
20	12:38	1	12,546			1.2						7.1				
21	02:30	1	7,630			1.3						7.2				
22			6,525	7			<1	1.15	2.3	3.34	5.7		0.93		<2.5	
23	02:12	1	6,525			1.5						7.1				
24	06:52	1	7,053			1.7						7				
25			5,940													
26	02:45	1	5,940			1.4						7.3				
27			4,124													
28			4,124													
29	01:52	1	4,124			1.3						7.4				
30	08:30	0.5	2,838	15		1.1	<1	<0.1	1.7	7.44	9.1	7.2	0.7		3.6	
31	10:30	1	4,003			1.2						7.4				
<b>Average:</b>			4,943	11.00		1.88	1.00	0.58	2.00	5.39	7.40		0.82		1.80	
<b>Daily Maximum:</b>			12,546	15.00		2.70	1.00	1.15	2.30	7.44	9.10	7.40	0.93		3.60	
<b>Daily Minimum:</b>			1,509	7.00		1.10	1.00	0.10	1.70	3.34	5.70	7.00	0.70		2.50	
<b>Sampling Type:</b>			Recorder	Composite	Composite	Grab	Grab	Composite	Composite	Composite	Composite	Grab	Composite	Composite	Composite	Recorder
<b>Monthly Limit:</b>			60,000	10			14	4		10	7		3		15	
<b>Daily Limit:</b>												6-9				10
<b>Sample Frequency:</b>			Continuous	2 X Month	3 X Year	5 X Week	2 X Month	2 X Month	2 X Month	2 X Month	2 X Month	5 X Week	2 X Month	3 X Year	2 X Month	Continuous

OFFICIAL COPY Jul 09 2024



NON-DISCHARGE MONITORING REPORT (NDMR)

Permit No.: WQ0004696			Facility Name: Carolina Village WWTP						County: Currituck		Month: May		Year: 2024		
PPI: 002			Flow Measuring Point: <input type="checkbox"/> Influent <input type="checkbox"/> Effluent <input checked="" type="checkbox"/> No flow generated					Parameter Monitoring Point: <input type="checkbox"/> Influent <input checked="" type="checkbox"/> Effluent <input type="checkbox"/> Groundwater Lowering <input type="checkbox"/> Surface Water							
Parameter Code →			50050	00940	31616	70300	00610	00620	00600	00400	00665				
Day	ORC Arrival Time	ORC Time On Site	Flow	Chloride	Fecal Coliform	Total Dissolved Solids	Ammonia	Nitrate	Total Nitrogen	pH	Total Phosphorus				
	24-hr	hrs	GPD	mg/L	#/100 mL	mg/L	mg/L	mg/L	mg/L	su	mg/L				
1	10:30	1	4,704												
2	12:30	1	4,704							7.2					
3	11:45	1	2,998							7					
4	11:15	1	7,638							7.2					
5			4,209												
6	2:40	1	4,209							7.4					
7	4:25	1	3,011							7.1					
8	4:50	1	3,426							7.3					
9	10:30	1	2,999							7.4					
10	10:15	1	4,328							7.3					
11	6:00	1	3,626							7					
12			3,690												
13	11:34	2	3,690							7.2					
14	10:31	1	4,980							7.3					
15	11:09	1	7,882							7.2					
16	5:13	1	1,509							7.4					
17	4:05	1	9,516							7.2					
18			2,371												
19	12:30	1	2,371							7.3					
20	12:38	1	12,546							7.1					
21	2:30	1	7,630							7.2					
22			6,525		10		2.88	3.31	4.5		0.72				
23	2:12	1	6,525							7.1					
24	6:52	1	7,053							7					
25			5,940												
26	2:45	1	5,940							7.3					
27			4,124												
28			4,124												
29	1:52	1	4,124							7.4					
30	8:30	0.5	2,838		<1		<0.2	7.39	9.49	7.2	0.67				
31	10:30	1	4,003							7.4					
<b>Average:</b>			4,943		3.16		1.44	5.35	7.00		0.70				
<b>Daily Maximum:</b>			12,546		10.00		2.88	7.39	9.49	7.40	0.72				
<b>Daily Minimum:</b>			1,509		1.00		0.20	3.31	4.50	7.00	0.67				
<b>Sampling Type:</b>			Recorder	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab				
<b>Monthly Limit:</b>				250		500	1.5	10							
<b>Daily Limit:</b>			43,387							6.5-8.5					
<b>Sample Frequency:</b>			Continuous	3 X Year	2 X Month	3 X Year	2 X Month	2 X Month	2 X Month	5 X Week	2 X Month				

OFFICIAL COPY Jul 09 2024



Permit No.: WQ0004696			Facility Name: Carolina Village WWTP					County: Currituck		Month: May		Year: 2024	
PPI: 003			Flow Measuring Point: <input type="checkbox"/> Influent <input type="checkbox"/> Effluent <input checked="" type="checkbox"/> No flow generated					Parameter Monitoring Point: <input type="checkbox"/> Influent <input type="checkbox"/> Effluent <input checked="" type="checkbox"/> Groundwater Lowering <input checked="" type="checkbox"/> Surface Water					
Parameter Code →			00310	00300	00600	00400	00665						
Day	ORC Arrival Time	ORC Time On Site	BOD5	Dissolved Oxygen	Total Nitrogen	pH	Total Phosphorus						
	24-hr	hrs	mg/L	mg/L	mg/L	su	mg/L						
1	10:30	1											
2	12:30	1											
3	11:45	1											
4	11:15	1											
5													
6	2:40	1											
7	4:25	1											
8	4:50	1											
9	10:30	1											
10	10:15	1											
11	6:00	1											
12													
13	11:34	2											
14	10:31	1											
15	11:09	1											
16	5:13	1											
17	4:05	1											
18													
19	12:30	1											
20	12:38	1											
21	2:30	1											
22													
23	2:12	1											
24	6:52	1											
25													
26	2:45	1											
27													
28													
29	1:52	1											
30	8:30	0.5											
31	10:30	1											
Average:													
Daily Maximum:													
Daily Minimum:													
Sampling Type:			Grab	Grab	Grab	Grab	Grab						
Monthly Limit:													
Daily Limit:													
Sample Frequency:			3 X Year	3 X Year	3 X Year	3 X Year	3 X Year						

OFFICIAL COPY Jul 09 2024



NON-DISCHARGE MONITORING REPORT (NDMR)

Permit No.: WQ0004696			Facility Name: Carolina Village WWTP				County: Currituck		Month: May		Year: 2024	
PPI: 004		Flow Measuring Point: <input type="checkbox"/> Influent <input type="checkbox"/> Effluent <input checked="" type="checkbox"/> No flow generated					Parameter Monitoring Point: <input type="checkbox"/> Influent <input type="checkbox"/> Effluent <input type="checkbox"/> Groundwater Lowering <input checked="" type="checkbox"/> Surface Water					
Parameter Code →			00310	00300	00600	00400	00665					
Day	ORC Arrival Time	ORC Time On Site	BOD5	Dissolved Oxygen	Total Nitrogen	pH	Total Phosphorus					
	24-hr	hrs	mg/L	mg/L	mg/L	su	mg/L					
1	10:30	1										
2	12:30	1										
3	11:45	1										
4	11:15	1										
5												
6	2:40	1										
7	4:25	1										
8	4:50	1										
9	10:30	1										
10	10:15	1										
11	6:00	1										
12												
13	11:34	2										
14	10:31	1										
15	11:09	1										
16	5:13	1										
17	4:05	1										
18												
19	12:30	1										
20	12:38	1										
21	2:30	1										
22												
23	2:12	1										
24	6:52	1										
25												
26	2:45	1										
27												
28												
29	1:52	1										
30	8:30	0.5										
31	10:30	1										
<b>Average:</b>												1.02
<b>Daily Maximum:</b>												2.00
<b>Daily Minimum:</b>												0.50
<b>Sampling Type:</b>			Grab	Grab	Grab	Grab	Grab					
<b>Monthly Limit:</b>												
<b>Daily Limit:</b>												
<b>Sample Frequency:</b>			3 X Year	3 X Year	3 X Year	3 X Year	3 X Year					

OFFICIAL COPY Jul 09 2024

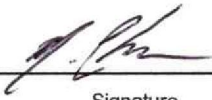
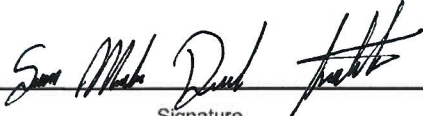


<p style="text-align: center;"><b>Sampling Person(s)</b></p> <p>Name: Michelle Pharr</p> <p>Name:</p>	<p style="text-align: center;"><b>Certified Laboratories</b></p> <p>Name: Environmental Chemist</p> <p>Name:</p>
---	--

**Does all monitoring data and sampling frequencies meet the requirements in Attachment A of your permit?**  Compliant  Non-Compliant

If the facility is non-compliant, please explain in the space below the reason(s) the facility was not in compliance. Provide in your explanation the date(s) of the non-compliance and describe the corrective action(s) taken. Attach additional sheets if necessary.

*Exceeded limits due to a chlorine return broken.  
Return repaired and on line.*

Operator in Responsible Charge (ORC) Certification	Permittee Certification
<p>ORC: <del>David Pharr</del> <i>M. Pham</i></p> <p>Certification No.: <del>26526</del> <i>1012441</i></p> <p>Grade: WW4      Phone Number: <del>252-725-3474</del> <i>252-365-2741</i></p> <p>Has the ORC changed since the previous NDMR?    <input type="checkbox"/> Yes    <input checked="" type="checkbox"/> No</p>	<p>Permittee: Carolina Village MHP</p> <p>Signing Official: Daniel Sears</p> <p>Signing Official's Title: Compliance Manager</p> <p>Phone Number: 984-365-9155      Permit Expiration: 5/4/2030</p>
<p style="text-align: center;"> _____ Signature</p> <p style="text-align: center;"><i>6/28/24</i> _____ Date</p> <p style="font-size: small;">By this signature, I certify that this report is accurate and complete to the best of my knowledge.</p>	<p style="text-align: center;"> _____ Signature</p> <p style="text-align: center;">6/28/24 _____ Date</p> <p style="font-size: x-small;">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 all 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 fines and imprisonment for knowing violations.</p>

**Mail Original and Two Copies to:**  
**Division of Water Resources**  
**Information Processing Unit**  
**1617 Mail Service Center**  
**Raleigh, North Carolina 27699-1617**

OFFICIAL COPY  
Jul 09 2024



Permit No.: WQ0004696					Facility Name: Carolina Village WWTP								County: Currituck				Month: May				Year: 2024			
Did infiltration occur at this facility? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO					Site Name: 1				Site Name: 2				Site Name:				Site Name:							
					Area (acres): 0.29				Area (acres): 0.29				Area (acres):				Area (acres):							
					Rate (GPD/ft <sup>2</sup> ): 2.35				Rate (GPD/ft <sup>2</sup> ): 2.35				Rate (GPD/ft <sup>2</sup> ):				Rate (GPD/ft <sup>2</sup> ):							
Day	Weather			Freeboard		Site Infiltrated? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO				Site Infiltrated? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO				Site Infiltrated? <input type="checkbox"/> YES <input type="checkbox"/> NO				Site Infiltrated? <input type="checkbox"/> YES <input type="checkbox"/> NO						
	Weather Code	Temperature	Precipitation	Storage (if applicable)	5-Day Upset (if applicable)	Volume Applied	Time Infiltrated	Daily Loading	Freeboard (Basins Only)	Volume Applied	Time Infiltrated	Daily Loading	Freeboard (Basins Only)	Volume Applied	Time Infiltrated	Daily Loading	Freeboard (Basins Only)	Volume Applied	Time Infiltrated	Daily Loading	Freeboard (Basins Only)			
		°F	in	ft	ft																	gal	min	GPD/ft <sup>2</sup>
1	C	80				4,704		0.37																
2	CL	82				4,704		0.37																
3	CL	89		3		2,998		0.24																
4	CL	63		3		7,638		0.60																
5						4,209		0.33																
6	CL	78		3		4,209		0.33																
7	CL	82		3.5		3,011		0.24																
8	CL	84		3		3,426		0.27																
9	C	80		3		2,999		0.24																
10				3		4,328		0.34																
11				3		3,626		0.29																
12						3,690		0.29																
13	CL	70		3		3,690		0.29																
14	CL	73		3		4,980		0.39																
15	CL	74				7,882		0.62																
16	C	80		3		1,509		0.12																
17	CL	68		3		9,516		0.75																
18						2,371		0.19																
19	CL			3		2,371		0.19																
20	CL	72		3		12,546		0.99																
21	CL	68		3		7,630		0.60																
22						6,525		0.52																
23	C	88		3		6,525		0.52																
24	CL			3		7,053		0.56																
25						5,940		0.47																
26	CL	85		3		5,940		0.47																
27						4,124		0.33																
28						4,124		0.33																
29	CL	81		3		4,124		0.33																
30	CL	78		3		2,838		0.22																
31		81.8				4,003		0.32																
<b>Monthly Loading (GPD/ft<sup>2</sup>):</b>						0.39				#DIV/0!				#DIV/0!				#DIV/0!						
<b>Year to Date Loading (GPD/ft<sup>2</sup>):</b>																								

OFFICIAL COPY Jul 09 2024



**Did the application rates exceed the limits in Attachment B of your permit?**

Compliant  Non-Compliant

**If not a basin, were the sites kept free of vegetation and raked?**

Compliant  Non-Compliant

**If not a basin, were there any instances of effluent ponding in or runoff from the sites?**

Compliant  Non-Compliant



**If a basin, were there any instances of breakout from the berms?**

Compliant  Non-Compliant

**Was the onsite automatically activated standby power source tested and operational?**

Compliant  Non-Compliant

If the facility is non-compliant, please explain in the space below the reason(s) the facility was not in compliance. Provide in your explanation the date(s) of the non-compliance and describe the corrective action(s) taken. Attach additional sheets if necessary.

Operator in Responsible Charge (ORC) Certification	Permittee Certification
<p>ORC: <del>David Pharr</del> <i>Michelle Pharr</i></p> <p>Certification No.: <del>26526</del> <i>1012441</i></p> <p>Grade: WW4      Phone Number: <del>252-725-3471</del> <i>252-305-2744</i></p> <p>Has the ORC changed since the previous NDAR-2?      <input type="checkbox"/> Yes    <input checked="" type="checkbox"/> No</p>	<p>Permittee: Carolina Village MHP</p> <p>Signing Official: Daniel Sears</p> <p>Signing Official's Title: Compliance Manager</p> <p>Phone Number: 984-365-9155      Permit Exp.: 5/4/30</p>
 _____ Signature	 _____ Signature
_____ Date	_____ Date
By this signature, I certify that this report is accurate and complete to the best of my knowledge.	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 all 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 fines and imprisonment for knowing violations.

**Mail Original and Two Copies to:  
 Division of Water Resources  
 Information Processing Unit  
 1617 Mail Service Center  
 Raleigh, North Carolina 27699-1617**

**OFFICIAL COPY**

**Jul 09 2024**