

**EFFLUENT**

NPDES PERMIT NO. NC0056413 DISCHARGE NO. 001 MONTH JANUARY YEAR 2008  
 FACILITY NAME: CHATHAM WATER RECLAMATION FACILITY (CAROLINA MEADOWS) CLASS II COUNTY CHATHAM  
 OPERATOR IN RESPONSIBLE CHARGE (ORC) ): WILLIAM LAMM GRADE IV PHONE 252-235-4900  
 CERTIFIED LABORATORIES: ENVIRONMENTAL CONSERVATION LABORATORIES, INC. ENVIROLINK, INC.  
 CHECK BOX IF ORC HAS CHANGED  PERSON(S) COLLECTING SAMPLES WILLIAM LAMM

Mail ORIGINAL and ONE COPY to:

ATTN: CENTRAL FILES  
 DIV. OF WATER QUALITY  
 1617 MAIL SERVICE CENTER  
 RALEIGH, NC 27699-1617

*William Lamm* 2-15-08  
 (SIGNATURE OF OPERATOR IN RESPONSIBLE CHARGE) DATE  
 BY THIS SIGNATURE, I CERTIFY THAT THIS REPORT IS  
 ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

DATE	Operator Arrival Time 2400 Check		Operator Time On Site	ORC On Site? *	50050	00010	00400	50060	00310	00610	00530	31616	00300	00600	00665	00625	00630	TOTAL NITROGEN MONTHLY MASS LOADING	TOTAL PHOSPHOROUS MONTHLY MASS LOADING	
	HRS	HRS			Y/N	FLOW EFFLUENT DAILY RATE	TEMPERATURE CELSIUS	pH	RESIDUAL CHLORINE	BOD5 20° C	AMMONIA NITROGEN	TOTAL SUSPENDED RESIDUE	FECAL COLIFORM	DISSOLVED OXYGEN	TOTAL NITROGEN	TOTAL PHOSPHOROUS	TKN			NITRATE NITRITE
1				H	0.104															
2	12:05	1.25	Y	0.162	11.0	6.92	15.0						8.08							
3	10:40	1	Y	0.137	11.3	7.03		<2.0	1.9	<1.0	<1	9.29	4.6	0.6	2.40	2.2				
4	10:40	1	Y	0.146	11.0	6.96						9.41								
5	13:30	0.5	Y	0.146																
6	15:10	0.25	Y	0.146																
7	11:25	1	Y	0.109	11.4	6.88	13.0					7.91								
8	11:40	1.25	Y	0.125	11.3	6.99		2.2	3	2.5	<1	6.81	6.2	1.2	4.70	1.5				
9	11:40	1	Y	0.144	11.9	7.13	13.0					8.81								
10	11:40	1	Y	0.163	11.4	7.13						8.24								
11	11:15	1	Y	0.100	11.9	6.99						8.14								
12	14:00	0.5	Y	0.100																
13	13:50	0.25	Y	0.100																
14	11:40	1.25	Y	0.142	12.7	6.99	13.0					8.87								
15	11:40	1	Y	0.148	12.6	7.00		<2.0	1.6	1.0	<1	8.94	6.7	0.89	2.60	4.1				
16	11:40	1	Y	0.112	11.7	7.13	13.0					8.71								
17	11:25	1	Y	0.171	11.7	6.99						8.81								
18	10:50	1.25	Y	0.155	11.1	6.90						8.73								
19	13:15	0.5	Y	0.155																
20	13:25	0.5	Y	0.155																
21	8:30	2.25	Y	0.180	10.1	7.09	13.0					9.01								
22	11:30	1	Y	0.149	10.4	7.10						8.91								
23	11:40	1.25	Y	0.143	11.4	7.00	14.0	<2.0	1.7	<1.0	<1	8.93	6.4	1	2.30	4.1				
24	12:10	1.25	Y	0.127	11.0	7.02						8.79								
25	11:30	1.25	Y	0.140	11.2	7.00						8.41								
26	13:00	0.5	Y	0.140																
27	13:20	0.25	Y	0.140																
28	11:40	1.25	Y	0.056	11.5	7.13	13.0					8.29								
29	11:40	2.75	Y	0.147	11.9	7.12						8.61								
30	10:15	1.25	Y	0.156	11.8	7.10	13.0	<2.0	3.6	<1.0	<1	8.29	4.99	0.91	4.50	0.49				
31	11:40	1.25	Y	0.075	11.4	6.97						8.14						201.16	32.02	
<b>AVERAGE</b>					0.135	11.4	7.13	13.3	0.4	2.36	0.7	<1	8.55	5.78	0.92	3.30	2.48	201.16	32.02	
<b>MAXIMUM</b>					0.180	12.7	7.13	15.0	2.2	3.60	2.5	<1	9.41	6.7	1.20	4.70	4.10	201.16	32.02	
<b>MINIMUM</b>					0.056	10.1	6.88	13.0	<2.0	1.60	<1.0	<1	6.81	4.6	0.60	2.30	0.49	201.16	32.02	
<b>Comp. (C)/Grab (G)</b>						G	G	G	C	C	C	G	G	C	C	C	C			
<b>Monthly Limit</b>					0.18		6-9	28	23.0	14.0	30.0	200			2.0					

TOTAL MONTHLY FLOW = 4.173

# EFFLUENT

( November 1 through March 31 )

NPDES PERMIT NO.: NC0056413      DISCHARGE NO.: 001      MONTH: February      YEAR: 2008  
 FACILITY NAME: Carolina Meadows      CLASS: II      COUNTY: Chatham  
 OPERATOR IN RESPONSIBLE CHARGE: Timothy J Waddell      GRADE: III      PHONE: 336-906-6350  
 CERTIFIED LABORATORIES: (1) Water Tech Labs inc      (2) R&A Labs  
 Check box if orc has changed [ x ]      PERSON(S) COLLECTING SAMPLES: Timothy J Waddell

Mail ORIGINAL and ONE COPY to:  
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 DENR  
 1617 MAIL SERVICE CENTER  
 RALEIGH, NC 27699-1617

*Timothy J Waddell*      3-24-08  
 (SIGNATURE OF ORC)      DATE  
 BY THIS SIGNATURE, I CERTIFY THAT THIS REPORT IS  
 ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

DATE	Opr. Arrive Time 2400 clock	Opr. Time on Site	Orc on Site	50050	00010	00040	50060	00310	00610	00530	31616	00300	00625	00630	00600	00665	DATE
				Flow [ ] Inf [X] Eff MGD	Temp. C	pH	Res Cl2 ug/L	BOD5 @ 20C mg/L	NH3-N mg/L	T S mg/L	Fecal Coliform Geometric Mean # / 100 ml	Dissolved Oxygen (DO) mg/L	Total Khejdahl Nitrogen mg/L	Nitrates Nitrites mg/L	Total Nitrogen mg/L	Total Po4 mg/L	
#	HRS	HRS	Y/N	C	UNITS			mg/L	mg/L	mg/L		mg/L	mg/L	mg/L	mg/L	mg/L	#
1	835	0.50	Y	0.1480	11.7												1
2			N	0.1280													2
3			N	0.1260													3
4	900	1.50	Y	0.1480	12.0												4
5	1210	5.00	Y	0.1690	12.3		19										5
6	1030	2.00	Y	0.1600	12.8	6.58	<10					6.5					6
7	1645	1.50	Y	0.1380	12.0												7
8	740	0.50	Y	0.1280	11.8			< 2.0	15.80	21.0	< 1						8
9	600	1.50	Y	0.1450													9
10			N	0.1480													10
11	1025	1.50	Y	0.1440	11.8												11
12	900	2.00	Y	0.1560	11.5		<10										12
13	830	2.00	Y	0.1760	11.7	6.62	14					6.2					13
14	700	0.50	Y	0.1660	10.5			< 2.0	5.15	7.3	< 1						14
15	1315	0.75	Y	0.1550	14.7												15
16			N	0.1460													16
17	1130	2.25	Y	0.1250	13.0												17
18	815	0.75	Y	0.1380	13.4		13										18
19	1200	3.75	Y	0.1590	13.1												19
20	710	1.25	Y	0.1420	12.6												20
21	855	3.25	Y	0.1370	12.0	7.20	<10	< 2.0	8.20	< 2.0	220	7.5					21
22	700	12.00	Y	0.0980	12.4												22
23	615	15.25	Y	0.0037	13.1												23
24	700	9.00	Y	0.0770	13.5	7.38	UV					6.3					24
25	700	10.00	Y	0.0810	14.0		UV										25
26	820	6.00	Y	0.0900	13.8		UV										26
27	500	2.00	Y	0.0240	13.0		UV	3.7	12.20	29.0							27
28	845	0.75	Y	0.0970	11.0	7.17	UV	< 2.0	7.30	14.0	< 1	7.4					28
29	1600	0.50	Y	0.0920	12.1		UV										29
																	30
																	31
AVERAGE				0.1257	12.5		15.3	2.3	9.73	14.7	4	6.8	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#
MAXIMUM				0.1760	14.7	7.38	19.0	3.7	15.80	29.0	220	7.5	0.00	0.00	0.00	0.00	#
MINIMUM				0.0037	10.5	6.58	13.0	2.0	5.15	2.0	1	6.2	0.00	0.00	0.00	0.00	#
COMPGRAB				CONT.	GRAB	GRAB	GRAB	COMP.	COMP.	COMP.	GRAB	GRAB	COMP	COMP	COMP.	COMP.	#
DAILY LIMIT				NA	NA	NA	28	34.5	35	45	400	N/A	NA	NA	NA	NA	#
QUARTERLY LIMIT				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	#
MONTHLY LIMIT				0.18	NA	>6,<9	NA	23	14	30	200	NA	NA	NA	NA	2.0	#
MONITORING FREQUENCY				Cont.	Daily	Wkly	2/Wk	Wkly	Wkly	Wkly	Wkly	Wkly	Quarterly	Quarterly	Quarterly	Quarterly	#
FREQUENCY MET				YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	#
COMPLIANT				YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	#

Total Monthly Flow      3.6447 MG

TN Monthly Loading (lbs.)      #DIV/0!  
 Annual TN Mass Loading (lbs./yr)

# EFFLUENT

( November 1 through March 31 )

NPDES PERMIT NO.: 00056413 DISCHARGE NO.: 001 MONTH: March YEAR: 2008  
 FACILITY NAME: CAROLINA MEADOWS CLASS: III COUNTY: CHATHAM  
 OPERATOR IN RESPONSIBLE CHARGE: Timothy J Waddell GRADE: III PHONE: 336-906-6350  
 CERTIFIED LABORATORIES: (1) Water Tech Labs Inc (2) R&A Labs  
 Check box if orc has changed [ x ] PERSON(S) COLLECTING SAMPLES: Timothy J Waddell

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*Timothy J Waddell* 4-15-08  
 (SIGNATURE OF ORC) DATE  
 BY THIS SIGNATURE, I CERTIFY THAT THIS REPORT IS  
 ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

DATE	Opr. Arrive Time 2400 clock	Opr. Time on Site	Orc on Site	50050		00010	00040	50060	00310	00610	00530	31616	00300	00625	00630	00600	00665	DATE	
				Flow [ ] Inf [X] Eff	Temp.	pH	Res Cl2	BOD5 @ 20C	NH3-N	TSS	Fecal Coliform Geometric Mean	Dissolved Oxygen (DO)	Total Khejdahl Nitrogen	Nitrates Nitrites	Total Nitrogen	Total Po4			
#	HRS	HRS	Y/N	MGD	C	UNITS	ug/L	mg/L	mg/L	mg/L	# / 100 ml	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	#	
1			N	0.1410			UV											1	
2			N	0.1420			UV											2	
3	630	1.50	Y	0.1100	13.3		UV											3	
4	700	1.50	Y	0.1210	13.9		UV											4	
5	650	1.00	Y	0.1570	14.8		UV											5	
6	900	0.50	Y	0.1470	14.0	6.88	UV	3.1	3.78	< 2.0	< 1	7.8	5.88	6.30	12.18	1.92	6		
7	1100	1.00	Y	0.0950	14.3		UV											7	
8			N	0.1960			UV											8	
9	605	4.00	Y	0.1540	12.6		UV											9	
10	950	9.00	Y	0.1290	12.8	7.04	UV					7.2						10	
11	635	6.50	Y	0.1670	12.2	7.12	UV											11	
12	500	1.50	Y	0.0450	12.6	7.18	UV	2.8	< 0.50	< 2.0	< 1	6.9	1.12	13.00	14.12	4.30	12		
13	700	2.50	Y	0.1160	13.0		UV											13	
14	1000	4.00	Y	0.1110	13.6		UV		< 0.50									14	
15	700	8.00	Y	0.1010	14.0		UV											15	
16			N	0.1470			UV											16	
17	1135	1.00	Y	0.1290	13.0		UV											17	
18	925	1.00	Y	0.1280	13.4		UV											18	
19	1700	1.00	Y	0.1170	14.2		UV		< 0.50									19	
20	530	2.00	Y	0.1730	14.6	6.78	UV	< 2.0	< 0.50	4.4	< 1	6.2						20	
21	600	3.75	Y	0.1940	15.7		UV											21	
22	1110	5.00	Y	0.1040	16.2		UV											22	
23			N	0.1900			UV											23	
24	945	1.25	Y	0.1170	14.0		UV											24	
25	1135	1.50	Y	0.1070	14.2	6.80	UV											25	
26	1330	1.25	Y	0.1065	15.7		UV					6.9						26	
27	1545	1.00	Y	0.1141	15.9		UV	2.1	< 0.50	< 2.0	< 1							27	
28	1230	1.00	Y	0.1106	16.0	6.71	UV											28	
29			N	0.1320			UV					7.1						29	
30			N	0.1320			UV											30	
31	1300	1.25	Y	0.0132	12.6	7.08	UV											31	
AVERAGE				0.1273	14.0		#DIV/0!	2.5	1.05	2.6	1	7.2	3.50	9.65	13.15	3.11		#	
MAXIMUM				0.1960	16.2	7.18	0.0	3.1	3.78	4.4	1	8.2	5.88	13.00	14.12	4.30		#	
MINIMUM				0.0132	12.2	6.71	0.0	< 2.0	< 0.50	< 2.0	< 1	6.2	1.12	6.30	12.18	1.92		#	
MP/GRAB				CONT.	GRAB	GRAB	GRAB	COMP.	COMP.	COMP.	GRAB	GRAB	COMP.	COMP.	COMP.	COMP.	COMP.	#	
DAILY LIMIT				NA	NA	NA	17	45	NA	45	400	N/A	NA	NA	NA	NA	NA	#	
QUARTERLY LIMIT				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	#
MONTHLY LIMIT				0.35	NA	>6,<9	NA	30	2	30	200	NA	NA	NA	NA	NA	2.0	NA	#
STORING FREQUENCY				Cont.	Daily	Wkly	2Wk	Wkly	Wkly	Wkly	Wkly	Wkly	Quarterly	Quarterly	Quarterly	Quarterly	Quarterly	#	
FREQUENCY MET				YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	#
PLANT				YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	#
Monthly Flow				3.9454 MG															#
TN Monthly Loading (lbs.)																			433
Annual TN Mass Loading (lbs./yr)																			

# EFFLUENT

(April 1 through October 31)

NPDES PERMIT NO.: NC0056413 DISCHARGE NO.: 001 MONTH: APRIL YEAR: 2008  
 FACILITY NAME: CAROLINA MEADOWS CLASS: III COUNTY: CHATHAM  
 OPERATOR IN RESPONSIBLE CHARGE: Pete Saulsbury GRADE: III PHONE: 919-801-3848  
 CERTIFIED LABORATORIES: (1) CET (2)

Check box if orc has changed [x] PERSON(S) COLLECTING SAMPLES: Timc Pete Saulsbury

Mail ORIGINAL and ONE COPY to:  
 ATTN: CENTRAL FILES  
 DIVISION OF WATER QUALITY  
 DENR  
 1617 MAIL SERVICE CENTER  
 RALEIGH, NC 27699-1617

*[Signature]* 5-22-08  
 (SIGNATURE OF ORC) DATE  
 BY THIS SIGNATURE, I CERTIFY THAT THIS REPORT IS  
 ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

DATE	Opr. Arrive Time 2400 clock	Opr. Time on Site	Orc on Site	50050	00010	00040	50060	00310	00610	00530	31616	00300	00625	00630	00600	00665	DATE
				Flow [ ] Inf [X] Eff	Temp. C	pH	Res Cl2 ug/L	BOD5 @ 20C mg/L	NH3-N mg/L	T S S mg/L	Fecal Coliform Geometric Mean # / 100 ml	Dissolved Oxygen (DO) mg/L	Total Khejdahl Nitrogen mg/L	Nitrates Nitrites mg/L	Total Nitrogen mg/L	Total Po4 mg/L	
#	HRS	HRS	Y/N	MGD	C	UNITS	ug/L	mg/L	mg/L	mg/L	# / 100 ml	mg/L	mg/L	mg/L	mg/L	mg/L	#
1	1530	1.00	Y	0.2272	16.1	6.98	UV					7.9					1
2	645	0.75	Y	0.0510	12.0		UV	< 2.0	< 0.50	< 2.0	< 1		2.52	0.52	3.04	0.72	2
3	1615	0.75	Y	0.2027	12.6		UV										3
4	730	1.25	Y	0.1921	11.6	6.76	UV					8.1					4
5			N	0.1921			UV										5
6			N	0.1921			UV										6
7	1845	3.00	Y	0.1188	15.7		UV										7
8	1300	1.20	Y	0.1171	16.0	6.72	UV					6.9					8
9	1100	1.50	Y	0.1344	17.2		UV										9
10	930	0.75	Y	0.1127	17.1		UV	7.2	0.11	1.1	< 1		1.80	24.00	25.80	5.70	10
11	1100	1.50	Y	0.1317	19.2	6.01	UV					7.2					11
12			N	0.1317			UV										12
13			N	0.1317			UV										13
14	1100	1.25	Y	0.1099	14.4	6.86	UV	< 2.0	0.06	1.2	8	6.9	2.10	29.00	31.10	6.00	14
15	1615	0.75	Y	0.1158	16.2		UV										15
16	730	1.25	Y	0.1110	10.8		UV										16
17	730	1.50	Y	0.1157	10.6	6.98	UV					8.1					17
18	715	0.75	Y	0.1229	10.8		UV										18
19			N	0.1229			UV										19
20			N	0.1229			UV										20
21	700	0.75	Y	0.1239	16.2		UV										21
22	1000	3.00	Y	0.1079	15.9		UV										22
23	1100	1.25	Y	0.0953	16.1	6.83	UV					7.1					23
24	830	1.25	Y	0.1069	18.2		UV	< 2.0	0.07	< 1.0	1		1.40	22.00	23.40	3.50	24
25	1015	0.75	Y	0.1807	17.7	6.72	UV					6.9					25
26			N	0.1807			UV										26
27			N	0.1807			UV										27
28	615	1.00	Y	0.1083	17.1	6.48	UV					8.2					28
29	1830	0.50	Y	0.0953	15.9		UV										29
30	1715	0.50	Y	0.1161	16.8		UV										30
31																	31
AVERAGE				0.1351	16.2		#DIV/0!	3.3	0.19	1.3	2	7.47	1.96	16.88	20.84	3.98	#
MAXIMUM				0.2272	19.2	6.98	0.0	7.2	0.50	2.0	6	8.21	2.52	29.00	31.10	6.00	#
MINIMUM				0.0510	10.6	6.01	0.0	< 2.0	0.06	1.0	< 1	6.86	1.40	0.52	3.04	0.72	#
COMP/GRAB				CONT.	GRAB	GRAB	GRAB	COMP.	COMP.	COMP.	GRAB	GRAB	COMP	COMP	COMP	COMP.	#
DAILY LIMIT				NA	NA	NA	17	45	NA	45	400	N/A	NA	NA	NA	NA	#
QUARTERLY LIMIT				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.0	#
MONTHLY LIMIT				0.35	NA	>6<9	NA	30	2	30	200	NA	NA	NA	NA	NA	#
MONITORING FREQUENCY				Cont.	Daily	Wkly	2/Wk	Wkly	Wkly	Wkly	Wkly	Wkly	Quarterly	Quarterly	Quarterly	Quarterly	#
FREQUENCY MET				YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	#
COMPLIANT				YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	#

al Monthly Flow 4.0524 MG

TN Monthly Loading (lbs.) 704  
 Annual TN Mass Loading (lbs./yr)

# EFFLUENT

(April 1 through October 31)

NPDES PERMIT NO.: NC0056413    DISCHARGE NO.: 001    MONTH: MAY    YEAR: 2008  
 FACILITY NAME: CAROLINA MEADOWS    CLASS: III    COUNTY: CHATHAM  
 OPERATOR IN RESPONSIBLE CHARGE: Pete Saulsbury    GRADE: III    PHONE: 919-801-3848  
 CERTIFIED LABORATORIES:    (1) CET    (2)  
 Check box if orc has changed [x]    PERSON(S) COLLECTING SAMPLES: Timc Pete Saulsbury

Mail ORIGINAL and ONE COPY to:  
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 DENR  
 1617 MAIL SERVICE CENTER  
 RALEIGH, NC 27699-1617

x [Signature]    6-22-08  
 (SIGNATURE OF ORC)    DATE  
 BY THIS SIGNATURE, I CERTIFY THAT THIS REPORT IS  
 ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

D A T E	Opr. Arrive Time 2400 clock	Opr. Time on Site	Orc on Site	50050	00010	00040	50060	00310	00610	00530	31616	00300	00625	00630	00600	00665	D A T E	
				Flow [ ] Inf [X] Eff	Temp.	pH	Res Cl2	BOD5 @ 20C	NH3-N	T S S	Fecal Coliform Geometric Mean	Dissolved Oxygen (DO)	Total Khejdahl Nitrogen	Nitrates Nitrites	Total Nitrogen	Total Po4		
#	HRS	HRS	Y/N	MGD	C	UNITS	ug/L	mg/L	mg/L	mg/L	# / 100 ml	mg/L	mg/L	mg/L	mg/L	mg/L	#	
1	18:30	0.75	Y	0.1201	17.1	6.52	UV										1	
2	15:45	0.75	Y	0.1061	18.2		UV	2.0	0.09	1.0	4		1.50	29.00	30.50	4.10	2	
3			Y	0.1061			UV										3	
4			N	0.1061			UV										4	
5	7:30	1.00	Y	0.0759	16.1		UV										5	
6	15:00	1.50	Y	0.0957	17.2		UV										6	
7	13:30	1.00	Y	0.0923	18.1		UV										7	
8	12:30	0.75	Y	0.1678	17.5	6.92	UV					7.8					8	
9	12:00	1.25	Y	0.1313	16.9		UV	2.0	0.05	1.0	3		1.60	41.00	42.60	5.20	9	
10			N	0.1313			UV										10	
11			N	0.1313			UV										11	
12	12:45	1.25	Y	0.1195	17.2	7.23	UV	2.0	0.05	1.0	1		7.8	1.10	13.00	14.10	3.00	12
13	15:00	1.10	Y	0.0617	18.3		UV										13	
14	7:30	0.75	Y	0.1732	17.2		UV										14	
15	7:45	1.50	Y	0.1186	16.5		UV										15	
16	15:10	1.40	Y	0.1416	17.2	6.99	UV					8.1					16	
17			N	0.1416			UV										17	
18			N	0.1416			UV										18	
19	14:15	1.25	Y	0.0985	18.0		UV										19	
20	10:15	1.50	Y	0.1414	20.0		UV										20	
21	11:30	1.50	Y	0.1250	17.7	6.92	UV					7.0					21	
22	15:00	1.25	Y	0.1869	16.9	6.86	UV	2.0	0.14	2.0	220	6.9	1.00	18.00	19.00	1.30	22	
23	4:00	1.25	Y	0.1256	17.9		UV										23	
24			N	0.0942			UV										24	
25			N	0.0942			UV										25	
26			N	0.0942			UV										26	
27	9:30	2.00	Y	0.1203	20.9	6.82	UV					8.3					27	
28	7:30	1.90	Y	0.1210	19.3		UV	2.0	0.07	1.0	6		1.30	17.00	18.30	2.30	28	
29	7:00	0.75	Y	0.1225	18.2		UV										29	
30	7:30	1.00	Y	0.1260	17.1	6.92	UV					7.8					30	
31			N	0.1260			UV										31	
AVERAGE				0.1206	17.6		#DIV/0!	2.0	0.08	1.2	7	7.69	1.30	23.60	24.90	3.18	#	
MAXIMUM				0.1869	20.9	7.23	0.0	2.0	0.14	2.0	220	8.26	1.60	41.00	42.60	5.20	#	
MINIMUM				0.0617	16.1	6.52	0.0	< 2.0	0.05	1.0	< 1	6.89	1.00	13.00	14.10	1.30	#	
CMP/GRAB				CONT.	GRAB	GRAB	GRAB	COMP.	COMP.	COMP.	GRAB	GRAB	COMP.	COMP.	COMP.	COMP.	#	
DAILY LIMIT				NA	NA	NA	17	45	NA	45	400	N/A	NA	NA	NA	NA	#	
ARTERLY LIMIT				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.0	#	
MONTHLY LIMIT				0.35	NA	>6,<9	NA	30	2	30	200	NA	NA	NA	NA	NA	#	
MONITORING FREQUENCY				Cont.	Daily	Wkly	2/Wk	Wkly	Wkly	Wkly	Wkly	Wkly	Quarterly	Quarterly	Quarterly	Quarterly	#	
FREQUENCY MET				YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	#	
COMPLIANT				YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	#	
Monthly Flow				3.7375 MG														
							TN Monthly Loading (lbs.)											
							776											
							Annual TN Mass Loading (lbs./yr)											

# EFFLUENT

( April 1 through October 31 )

NPDES PERMIT NO.: NC0056413      DISCHARGE NO.: 001      MONTH: JUNE      YEAR: 2008  
 FACILITY NAME: CAROLINA MEADOWS      CLASS: III      COUNTY: CHATHAM  
 OPERATOR IN RESPONSIBLE CHARGE: Pete Saulsbury      GRADE: III      PHONE: 919-801-3848  
 CERTIFIED LABORATORIES:      (1) CET      (2) \_\_\_\_\_  
 Check box if orc has changed [  ]      PERSON(S) COLLECTING SAMPLES: Timc Pete Saulsbury

Mail ORIGINAL and ONE COPY to:  
 ATTN: CENTRAL FILES  
 DIVISION OF WATER QUALITY  
 DENR  
 1617 MAIL SERVICE CENTER  
 RALEIGH, NC 27699-1617

X *[Signature]*      7-17-08  
 (SIGNATURE OF ORC)      DATE  
 BY THIS SIGNATURE, I CERTIFY THAT THIS REPORT IS  
 ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

D A T E	Opr. Arrive Time 2400 clock	Opr. Time on Site	Orc on Site	50050	00010	00040	50060	00310	00610	00530	31616	00300	00625	00630	00600	00665	D A T E
				Flow [ ] Inf [X] Eff MGD	Temp. C	pH	Res Cl2 ug/L	BOD5 @ 20C mg/L	NH3-N mg/L	T S S mg/L	Fecal Coliform Geometric Mean #/100 ml	Dissolved Oxygen (DO) mg/L	Total Khejdahl Nitrogen mg/L	Nitrates Nitrites mg/L	Total Nitrogen mg/L	Total Po4 mg/L	
#	HRS	HRS	Y/N			UNITS											#
1							UV										1
2	0:00	0:75	Y	0.1342	24.1		UV										2
3	11:35	2:75	Y	0.1196	26.7	6.90	UV					7.1					3
4	9:15	2:25	Y	0.1167	25.7		UV										4
5	0:00	1:25	Y	0.0935	26.9		UV										5
6		1:45	Y	0.1265	27.7	7.12	UV	2.0	0.07	1.0	1	7.1	0.74	5.60	6.34	1.60	6
7		0:50	Y	0.1265			UV										7
8		0:25	Y	0.1265			UV										8
9		1:50	Y	0.1740	28.1	6.90	UV	2.0	0.15	1.0	6	7.9	0.95	12.00	12.95	1.90	9
10		1:25	Y	0.0995	25.7		UV										10
11		0:50	Y	0.0984	26.1		UV										11
12		0:90	Y	0.1099	26.9		UV										12
13		1:00	Y	0.1486	26.1	7.10	UV					8.1					13
14		0:25	Y	0.1486			UV										14
15		0:25	Y	0.1468			UV										15
16		1:00	Y	0.1003	27.5	6.99	UV					8.1					16
17		0:75	Y	0.1202	26.9		UV										17
18		1:00	Y	0.1192	28.7		UV										18
19		1:50	Y	0.0980	26.2		UV										19
20		1:00	Y	0.1097	25.9	6.87	UV	2.0	0.05	1.0	1	6.9	1.20	13.00	14.20	2.00	20
21		0:25	Y	0.1097			UV									0.32	21
22		0:25	Y	0.1097			UV									0.10	22
23		1:50	Y	0.1226	26.1		UV	2.0	0.07	1.6	1		1.10	14.00	15.10	0.11	23
24		0:70	Y	0.0160	27.2		UV									0.13	24
25		1:00	Y	0.1874	28.1		UV									0.13	25
26		1:00	Y	0.1912	28.2		UV									0.09	26
27		1:50	Y	0.1163	26.7	6.86	UV					7.2				0.22	27
28		1:00	Y	0.1163			UV									0.13	28
29		0:75	Y	0.1163			UV									0.13	29
30		1:50	Y	0.1476	27.2	6.78	UV					6.3				0.14	30
31							UV										31
AVERAGE				0.1224	26.8		#DIV/0!	2.0	0.08	1.2	2	7.34	1.00	11.15	12.15	0.54	#
MAXIMUM				0.1912	28.7	7.12	0.0	2.0	0.15	1.6	6	8.11	1.20	14.00	15.10	2.00	#
MINIMUM				0.0160	24.1	6.78	0.0	< 2.0	0.05	1.0	< 1	6.30	0.74	5.60	6.34	0.09	#
COMP/GRAB				CONT.	GRAB	GRAB	GRAB	COMP.	COMP.	COMP.	GRAB	GRAB	COMP.	COMP.	COMP.	COMP.	#
DAILY LIMIT				NA	NA	NA	17	45	NA	45	400	N/A	NA	NA	NA	NA	#
QUARTERLY LIMIT				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.0	#
MONTHLY LIMIT				0.35	NA	>6,<9	NA	30	2	30	200	NA	NA	NA	NA	NA	#
MONITORING FREQUENCY				Cont.	Daily	Wkly	2/Wk	Wkly	Wkly	Wkly	Wkly	Wkly	Quarterly	Quarterly	Quarterly	Quarterly	#
FREQUENCY MET				YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	#
COMPLIANT				YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	#
Total Monthly Flow				3.5498 MG													
												TN Monthly Loading (lbs.)		360			
												Annual TN Mass Loading (lbs./yr)					

# EFFLUENT

( April 1 through October 31 )

NPDES PERMIT NO.: NC0056413      DISCHARGE NO.: 001      MONTH: JULY      YEAR: 2008  
 FACILITY NAME: CAROLINA MEADOWS      CLASS: III      COUNTY: CHATHAM  
 OPERATOR IN RESPONSIBLE CHARGE: Timothy J Waddell      GRADE: III      PHONE: 336-906-6350  
 CERTIFIED LABORATORIES:      ( 1 ) Water Tech Labs Inc      ( 2 ) R&A Labs  
 Check box if orc has changed [ XX ]      PERSON(S) COLLECTING SAMPLES: Timothy J Waddell

Mail ORIGINAL and ONE COPY to:  
 ATTN: CENTRAL FILES  
 DIVISION OF WATER QUALITY  
 DENR  
 1617 MAIL SERVICE CENTER  
 RALEIGH, NC 27699-1617

*x Timothy J Waddell*      8-14-08  
 (SIGNATURE OF ORC)      DATE  
 BY THIS SIGNATURE, I CERTIFY THAT THIS REPORT IS  
 ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

DATE	Opr. Arrive Time 2400 clock	Opr. Time on Site	Orc on Site	50050	00010	00040	50060	00310	00610	00530	31616	00300	00625	00630	00600	00665	DATE
				Flow [ ] Inf [X] Eff	Temp.	pH	Res Cl2	BOD5 @ 20C	NH3-N	T S S	Fecal Coliform Geometric Mean	Dissolvd Oxygen (DO)	Total Khejdahl Nitrogen	Nitrates Nitrites	Total Nitrogen	Total Po4	
#	HRS	HRS	Y/N	MGD	C	UNITS	ug/L	mg/L	mg/L	mg/L	# / 100 ml	mg/L	mg/L	mg/L	mg/L	mg/L	#
1	845	4.00	Y	0.1460	26.7	6.65	UV										1
2	2110	1.25	Y	0.1090	24.0		UV										2
3	650	7.25	Y	0.1130	24.3	6.90	UV	< 2.0	< 0.50	< 2.0	2	6.3	1.68	12.50	14.18	3.46	3
4	945	2.75	B	0.1050	HOLI	DAY	UV										4
5	1036	4.25	Y	0.1240			UV						0.56	3.70	4.26	2.28	5
6	1330	2.00	B	0.1230			UV										6
7	905	3.00	Y	0.1600	24.5	6.88	UV					7.1					7
8	915	2.00	Y	0.1550	25.3		UV										8
9	705	0.50	Y	0.1390	24.7		UV	3.2	< 0.50	< 2.0	< 1		0.28	2.80	3.08	1.66	9
10	1130	3.00	Y	0.1430	25.4		UV										10
11	1915	1.75	Y	0.1380	25.1		UV										11
12	705	3.50	Y	0.1340	24.8		UV										12
13			N	0.1290			UV										13
14	800	2.50	Y	0.1330	26.3		UV										14
15	830	3.50	Y	0.1720	25.8	7.23	UV					6.5					15
16	1035	3.75	Y	0.0660	26.0		UV										16
17	925	2.50	Y	0.1270	26.2		UV										17
18	700	1.00	Y	0.1530	25.8		UV	< 2.0	< 0.50	< 2.0	< 1		2.24	1.80	4.04	1.30	18
19	900	6.25	Y	0.1470			UV										19
20	645	2.00	Y	0.1280			UV										20
21	1700	4.00	B	0.1590	28.0		UV										21
22	845	2.00	Y	0.1590	27.1		UV						1.40	2.20	3.60	1.37	22
23	700	1.00	Y	0.1370	27.4	6.94	UV	2.8	< 0.50	< 2.0	2	6.1					23
24	700	5.00	Y	0.1110	27.2		UV										24
25	1245	0.75	B	0.1130	25.9		UV										25
26	930	2.00	Y	0.1500	25.6		UV										26
27			N	0.1190			UV										27
28	615	2.00	Y	0.1450	26.4		UV										28
29	840	1.00	Y	0.1300	25.8		UV										29
30	550	1.75	Y	0.1290	25.6	6.87	UV	< 2.0	0.56	< 2.0	< 1	7.5					30
31	715	8.00	Y	0.1580	27.2		UV										31
AVERAGE				0.1340	25.9		UV	2.4	0.51	0.0	1	6.7	1.23	4.60	5.83	2.01	#
MAXIMUM				0.1720	28.0	7.23	0.0	3.2	0.56	2.0	2	7.5	2.24	12.50	14.18	3.46	#
MINIMUM				0.0660	24.0	6.65	0.0	2.0	0.50	2.0	1	6.1	0.28	1.80	3.08	1.30	#
COMP/GRAB				CONT.	GRAB	GRAB	GRAB	COMP.	COMP.	COMP.	GRAB	GRAB	COMP	COMP	COMP.	COMP.	#
DAILY LIMIT				NA	NA	NA	NA	7.5	10	45	400	N/A	NA	NA	NA	NA	#
QUARTERLY LIMIT				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.0	#
MONTHLY LIMIT				0.35	NA	>6,<9	NA	5	2	30	200	NA	NA	NA	NA	NA	#
MONITORING FREQUENCY				Conl.	Daily	Wkly	NA	Wkly	Wkly	Wkly	Wkly	Wkly	Quarterly	Quarterly	Quarterly	Quarterly	#
FREQUENCY MET				YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	#
COMPLIANT				YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	#

Total Monthly Flow      4.1540 MG

TN Monthly Loading (lbs.)      202  
 Annual TN Mass Loading (lbs./yr)