

Wastewater Discharge Monitoring Long Report

For DNR Use Only

Facility Name: MADISON GAS & ELECTRIC COMPENSATORY RECHARGE
 Contact Address: P O Box 1231
 Madison, WI 53703
 Facility Contact: Steve Pitts, Construction Engineer
 Phone Number: (608) 252-7935
 Reporting Period: 09/01/2011 - 09/30/2011
 Form Due Date: 10/15/2011
 Permit Number: 0063088

Date Received:
 DOC: 276272
 FIN: 31792
 FID: 113353020
 Region: South Central Region
 Permit Drafter: Brenda L. Howald
 Reviewer: Bob Liska
 Office: Fitchburg

Sample Point	001	001	001	001	001	
Description	Treated pond water	Treated pond water	Treated pond water	Treated pond water	Treated pond water	
Parameter	211	105	451	330	277	
Description	Flow Rate	Chloride	Sodium, Total Recoverable	Nitrogen, Nitrite + Nitrate Total	Manganese, Total Recoverable	
Units	MGD	mg/L	mg/L	mg/L	mg/L	
Sample Type	CONTINUOUS	GRAB	GRAB	GRAB	GRAB	
Frequency	DAILY	MONTHLY	MONTHLY	MONTHLY	MONTHLY	
Sample Results	Day 1	0.151	71	49	<0.043	0.031
	2	0.143				
	3	0.150				
	4	0.121				
	5	0.112				
	6	0.153				
	7	0.133				
	8	0.103				
	9	0.119				
	10	0.118				
	11	0.119				
	12	0.116				
	13	0.118				
	14	0.118				
	15	0.118				
	16	0.118				
	17	0.106				
	18	0.000				
	19	0.105				
	20	0.164				
	21	0.158				
	22	0.153				
	23	0.151				
	24	0.153				
	25	0.152				
	26	0.141				
	27	0.151				
	28	0.152				
	29	0.142				
	30	0.153				
	31					

	Sample Point	001	001	001	001	001
	Description	Treated pond water	Treated pond water	Treated pond water	Treated pond water	Treated pond water
	Parameter	211	105	451	330	277
	Description	Flow Rate	Chloride	Sodium, Total Recoverable	Nitrogen, Nitrite + Nitrate Total	Manganese, Total Recoverable
	Units	MGD	mg/L	mg/L	mg/L	mg/L
Summary Values	Monthly Avg	0.1297	71	49	0	0.031
	Daily Max	0.164	71	49	<0.043	0.031
	Daily Min	0	71	49	<0.043	0.031
LQ/LOD Information	LOD		3	0.095	0.1	0.00094
	LOQ		10	1	0.043	0.01
	QC Exceedance	N	N	N	N	N
	Lab Certification		128053530	999580010	999580010	999580010

	Sample Point	701	701	701	701
	Description	Golf course pond	Golf course pond	Golf course pond	Golf course pond
	Parameter	105	451	330	277
	Description	Chloride	Sodium, Total Recoverable	Nitrogen, Nitrite + Nitrate Total	Manganese, Total Recoverable
	Units	mg/L	mg/L	mg/L	mg/L
	Sample Type	GRAB	GRAB	GRAB	GRAB
	Frequency	MONTHLY	MONTHLY	MONTHLY	MONTHLY
Sample Results	Day 1	70	47	<0.043	0.24
	2				
	3				
	4				
	5				
	6				
	7				
	8				
	9				
	10				
	11				
	12				
	13				
	14				
	15				
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	27				
	28				
	29				
	30				
	31				

	Sample Point	701	701	701	701
	Description	Golf course pond	Golf course pond	Golf course pond	Golf course pond
	Parameter	105	451	330	277
	Description	Chloride	Sodium, Total Recoverable	Nitrogen, Nitrite + Nitrate Total	Manganese, Total Recoverable
	Units	mg/L	mg/L	mg/L	mg/L
Summary Values	Monthly Avg	70	47	0	0.24
	Daily Max	70	47	<0.043	0.24
	Daily Min	70	47	<0.043	0.24
QC Information	LOD	3	0.095	0.043	0.00094
	LOQ	10	1	0.1	0.01
	QC Exceedance	N	N	N	N
	Lab Certification	128053530	999580010	999580010	999580010

Footnotes (DNR Use Only; Instructions for completing this form that are unique for your facility may be displayed here.)

General Remarks

Laboratory Quality Control Comments