

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: 10/01/2011 - 10/31/2011
 Form Due Date: 11/15/2011
 Permit Number: 0063088

Date Received:
 DOC: 279729
 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	0.150				
	2	0.146				
	3	0.141	53	27	<0.043	0.011
	4	0.137				
	5	0.153				
	6	0.146				
	7	0.145				
	8	0.137				
	9	0.151				
	10	0.152				
	11	0.141				
	12	0.151				
	13	0.153				
	14	0.150				
	15	0.151				
	16	0.153				
	17	0.143				
	18	0.136				
	19	0.141				
	20	0.151				
	21	0.149				
	22	0.153				
	23	0.101				
	24	0.079				
	25	0.148				
	26	0.136				
	27	0.152				
	28	0.153				
	29	0.150				
	30	0.134				
	31	0.135				

	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	0.142516129	53	27	0	0.011
	Daily Max	0.153	53	27	<0.043	0.011
	Daily Min	0.079	53	27	<0.043	0.011
QC Information	LOD		3	0.095	0.043	0.00094
	LOQ		10	1	0.1	0.01
	QC Exceedance	N	N	N	N	N
	Lab Certification		128053530	999580010	128053530	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				
	2				
	3	54	27	0.047	0.066
	4				
	5				
	6				
	7				
	8				
	9				
	10				
	11				
	12				
	13				
	14				
	15				
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	27				
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	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	54	27	0.047	0.066
	Daily Max	54	27	0.047	0.066
	Daily Min	54	27	0.047	0.066
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	999580010	999580010	128053530	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