

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: 04/01/2011 - 04/30/2011
 Form Due Date: 05/15/2011
 Permit Number: 0063088

Date Received:
 DOC: 271613
 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	0.000				
	2	0.000				
	3	0.000				
	4	0.000				
	5	0.005	2700	1200	<0.043	1.1
	6	0.000				
	7	0.000				
	8	0.000				
	9	0.000				
	10	0.000				
	11	0.002				
	12	0.000				
	13	0.000				
	14	0.000				
	15	0.000				
	16	0.000				
	17	0.000				
	18	0.000				
	19	0.000				
	20	0.002				
	21	0.000				
	22	0.000				
	23	0.000				
	24	0.000				
	25	0.001				
	26	0.000				
	27	0.000				
	28	0.000				
	29	0.001				
	30	0.000				
	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	0.000366667	2700	1200	0	1.1
	Daily Max	0.005	2700	1200	<0.043	1.1
	Daily Min	0	2700	1200	<0.043	1.1
QC Information	LOD		30	6.6	0.043	0.00084
	LOQ		100	100	0.1	0.01
	QC Exceedance	N	N	N	N	N
	Lab Certification		128053530	128053530	128053530	128053530

	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				
	4				
	5	2300	1200	<0.043	1.1
	6				
	7				
	8				
	9				
	10				
	11				
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	14				
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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	2300	1200	0	1.1
	Daily Max	2300	1200	<0.043	1.1
	Daily Min	2300	1200	<0.043	1.1
QA/QC Information	LOD	30	6.6	0.043	0.00084
	LOQ	100	100	0.1	0.01
	QC Exceedance	N	N	N	N
	Lab Certification	128053530	128053530	128053530	128053530

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