

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: 12/01/2011 - 12/31/2011
 Form Due Date: 01/15/2012
 Permit Number: 0063088

Date Received:
 DOC: 279731
 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	61	38	<0.024	0.0044
	2	0.150				
	3	0.153				
	4	0.149				
	5	0.150				
	6	0.129				
	7	0.145				
	8	0.150				
	9	0.152				
	10	0.148				
	11	0.141				
	12	0.145				
	13	0.134				
	14	0.150				
	15	0.142				
	16	0.139				
	17	0.150				
	18	0.128				
	19	0.138				
	20	0.141				
	21	0.148				
	22	0.143				
	23	0.139				
	24	0.142				
	25	0.150				
	26	0.147				
	27	0.126				
	28	0.143				
	29	0.146				
	30	0.140				
	31	0.153				

	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	0.143935484	61	38	0	0.0044
	Daily Max	0.153	61	38	<0.024	0.0044
	Daily Min	0.126	61	38	<0.024	0.0044
LQWQC Information	LOD		1.5	0.095	0.024	0.00094
	LOQ		5	1	0.25	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	64	37	<0.024	0.041
	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	64	37	0	0.041
	Daily Max	64	37	<0.024	0.041
	Daily Min	64	37	<0.024	0.041
QC Information	LOD	1.5	0.095	0.024	0.00094
	LOQ	5	1	0.25	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