

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: 04/01/2010 - 04/30/2010
 Form Due Date: 05/15/2010
 Permit Number: 0063088

Date Received:
 DOC: 252345
 FIN: 31792
 FID: 113353020
 Region: South Central Region
 Permit Drafter: Bob Liska
 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	0.162	300	220	<0.10	<0.025
	2	0.162				
	3	0.166				
	4	0.168				
	5	0.169				
	6	0.153				
	7	0.150				
	8	0.153				
	9	0.155				
	10	0.138				
	11	0.163				
	12	0.168				
	13	0.170				
	14	0.169				
	15	0.169				
	16	0.171				
	17	0.081				
	18	0.000				
	19	0.185				
	20	0.186				
	21	0.178				
	22	0.178				
	23	0.177				
	24	0.159				
	25	0.151				
	26	0.167				
	27	0.182				
	28	0.181				
	29	0.171				
	30	0.168				
	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	0.158333333	300	220	0	0
	Daily Max	0.186	300	220	<0.1	<0.025
	Daily Min	0	300	220	<0.1	<0.025
QC Information	LOD		30	0.5	0.1	0.025
	LOQ		100	1.7	0.33	0.083
	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	260	210	<0.10	0.12
	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	260	210	0	0.12
	Daily Max	260	210	<0.1	0.12
	Daily Min	260	210	<0.1	0.12
QC Information	LOD	38	0.5	0.1	0.005
	LOQ	120	1.7	0.33	0.017
	QC Exceedance	N	N	N	N
	Lab Certification	128053530	128053530	128053530	128053530

General Remarks

Laboratory Quality Control Comments