

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: 09/01/2010 - 09/30/2010
 Form Due Date: 10/15/2010
 Permit Number: 0063088

Date Received:
 DOC: 257196
 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	0.159				
	2	0.219				
	3	0.124				
	4	0.172				
	5	0.215				
	6	0.216				
	7	0.086				
	8	0.162				
	9	0.195				
	10	0.202				
	11	0.189				
	12	0.163				
	13	0.181	16	10	<0.024	0.069
	14	0.160				
	15	0.171				
	16	0.202				
	17	0.185				
	18	0.160				
	19	0.160				
	20	0.189				
	21	0.191				
	22	0.209				
	23	0.209				
	24	0.193				
	25	0.199				
	26	0.198				
	27	0.206				
	28	0.191				
	29	0.191				
	30	0.191				
	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	0.182933333	16	10	0	0.069
	Daily Max	0.219	16	10	<0.024	0.069
	Daily Min	0.086	16	10	<0.024	0.069
QC Information	LOD		0.3	0.1	0.024	0.005
	LOQ		1	5	0.25	0.05
	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					
	6					
	7					
	8					
	9					
	10					
	11					
	12					
	13		16	12	<0.024	0.11
	14					
	15					
	16					
	17					
	18					
	19					
	20					
	21					
	22					
	23					
	24					
	25					
	26					
	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	16	12	0	0.11
	Daily Max	16	12	<0.024	0.11
	Daily Min	16	12	<0.024	0.11
QA/QC Information	LOD	0.3	0.1	0.024	0.005
	LOQ	1	5	0.25	0.05
	QC Exceedance	N	N	N	N
	Lab Certification	128053530	128053530	128053530	128053530

General Remarks

Laboratory Quality Control Comments