

**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: 11/01/2011 - 11/30/2011  
 Form Due Date: 12/15/2011  
 Permit Number: 0063088

Date Received:  
 DOC: 279730  
 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	0.144	39	28	<0.043	0.0066
	2	0.153				
	3	0.152				
	4	0.152				
	5	0.151				
	6	0.158				
	7	0.147				
	8	0.115				
	9	0.120				
	10	0.127				
	11	0.118				
	12	0.113				
	13	0.116				
	14	0.178				
	15	0.153				
	16	0.134				
	17	0.124				
	18	0.125				
	19	0.123				
	20	0.121				
	21	0.125				
	22	0.141				
	23	0.148				
	24	0.148				
	25	0.148				
	26	0.142				
	27	0.140				
	28	0.148				
	29	0.140				
	30	0.137				
	31					

	<b>Sample Point</b>	001	001	001	001	001
	<b>Description</b>	Treated pond water	Treated pond water	Treated pond water	Treated pond water	Treated pond water
	<b>Parameter</b>	211	105	451	330	277
	<b>Description</b>	Flow Rate	Chloride	Sodium, Total Recoverable	Nitrogen, Nitrite + Nitrate Total	Manganese, Total Recoverable
	<b>Units</b>	MGD	mg/L	mg/L	mg/L	mg/L
<b>Summary Values</b>	<b>Monthly Avg</b>	0.138033333	39	28	0	0.0066
	<b>Daily Max</b>	0.178	39	28	<0.043	0.0066
	<b>Daily Min</b>	0.113	39	28	<0.043	0.0066
<b>QC Information</b>	<b>LOD</b>		3	0.095	0.043	0.00094
	<b>LOQ</b>		10	1	0.1	0.01
	<b>QC Exceedance</b>	N	N	N	N	N
	<b>Lab Certification</b>		128053530	999580010	999580010	999580010

	<b>Sample Point</b>	701	701	701	701
	<b>Description</b>	Golf course pond	Golf course pond	Golf course pond	Golf course pond
	<b>Parameter</b>	105	451	330	277
	<b>Description</b>	Chloride	Sodium, Total Recoverable	Nitrogen, Nitrite + Nitrate Total	Manganese, Total Recoverable
	<b>Units</b>	mg/L	mg/L	mg/L	mg/L
	<b>Sample Type</b>	GRAB	GRAB	GRAB	GRAB
	<b>Frequency</b>	MONTHLY	MONTHLY	MONTHLY	MONTHLY
<b>Sample Results</b>	<b>Day 1</b>	39	28	<0.043	0.039
	<b>2</b>				
	<b>3</b>				
	<b>4</b>				
	<b>5</b>				
	<b>6</b>				
	<b>7</b>				
	<b>8</b>				
	<b>9</b>				
	<b>10</b>				
	<b>11</b>				
	<b>12</b>				
	<b>13</b>				
	<b>14</b>				
	<b>15</b>				
	<b>16</b>				
	<b>17</b>				
	<b>18</b>				
	<b>19</b>				
	<b>20</b>				
	<b>21</b>				
	<b>22</b>				
	<b>23</b>				
	<b>24</b>				
	<b>25</b>				
	<b>26</b>				
	<b>27</b>				
	<b>28</b>				
	<b>29</b>				
	<b>30</b>				
	<b>31</b>				

	<b>Sample Point</b>	701	701	701	701
	<b>Description</b>	Golf course pond	Golf course pond	Golf course pond	Golf course pond
	<b>Parameter</b>	105	451	330	277
	<b>Description</b>	Chloride	Sodium, Total Recoverable	Nitrogen, Nitrite + Nitrate Total	Manganese, Total Recoverable
	<b>Units</b>	mg/L	mg/L	mg/L	mg/L
<b>Summary Values</b>	<b>Monthly Avg</b>	39	28	0	0.039
	<b>Daily Max</b>	39	28	<0.043	0.039
	<b>Daily Min</b>	39	28	<0.043	0.039
<b>QC Information</b>	<b>LOD</b>	3	0.095	0.043	0.00094
	<b>LOQ</b>	10	1	0.1	0.01
	<b>QC Exceedance</b>	N	N	N	N
	<b>Lab Certification</b>	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