

**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: 08/01/2010 - 08/31/2010  
 Form Due Date: 09/15/2010  
 Permit Number: 0063088

Date Received:  
 DOC: 257104  
 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	0.216			
	2	0.195	13	11	0.036
	3	0.202			
	4	0.217			
	5	0.218			
	6	0.215			
	7	0.215			
	8	0.217			
	9	0.217			
	10	0.215			
	11	0.217			
	12	0.217			
	13	0.217			
	14	0.217			
	15	0.214			
	16	0.217			
	17	0.216			
	18	0.218			
	19	0.214			
	20	0.217			
	21	0.217			
	22	0.217			
	23	0.216			
	24	0.218			
	25	0.215			
	26	0.216			
	27	0.216			
	28	0.218			
	29	0.215			
	30	0.215			
	31	0.147			

	<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>	0.212935484	13	11	0.036	0.042
	<b>Daily Max</b>	0.218	13	11	0.036	0.042
	<b>Daily Min</b>	0.147	13	11	0.036	0.042
<b>QC Information</b>	<b>LOD</b>		1.5	0.1	0.024	0.005
	<b>LOQ</b>		5	5	0.25	0.05
	<b>QC Exceedance</b>	N	N	N	N	N
	<b>Lab Certification</b>		128053530	128053530	128053530	128053530

	<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>				
	<b>2</b>	13	11	0.084	0.11
	<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>	13	11	0.084	0.11
	<b>Daily Max</b>	13	11	0.084	0.11
	<b>Daily Min</b>	13	11	0.084	0.11
<b>QC Information</b>	<b>LOD</b>	1.5	0.1	0.024	0.005
	<b>LOQ</b>	5	5	0.25	0.05
	<b>QC Exceedance</b>	N	N	N	N
	<b>Lab Certification</b>	128053530	128053530	128053530	128053530

General Remarks

Laboratory Quality Control Comments