

**Wastewater Discharge Monitoring Long Report**

**For DNR Use Only**

Facility Name: MADISON KIPP CORP  
 Contact Address: □□  
 □□, □□  
 Facility Contact: , □□  
 Phone Number: □□  
 Reporting Period: 08/01/2018 - 08/31/2018  
 Form Due Date: 09/21/2018  
 Permit Number: 0046566

Date Received:  
 DOC: 408710  
 FIN: 7960  
 FID: 113125320  
 Region: South Central Region  
 Permit Drafter: Drafter not set  
 Reviewer: Emily M James  
 Office: Milwaukee

	Sample Point	001	001	001	001	001
	Description	Surface Water Discharge	Surface Water Discharge	Surface Water Discharge	Surface Water Discharge	Surface Water Discharge
	Parameter	211	40	54	80	93
	Description	Flow Rate	Benzene	BETX, Total	Bromoform	Carbon tetrachloride
	Units	gpd	ug/L	ug/L	ug/L	ug/L
	Sample Type	ESTIMATED	GRAB	GRAB	GRAB	GRAB
	Frequency	DAILY	MONTHLY	MONTHLY	MONTHLY	MONTHLY
	Sample Results	<b>Day 1</b>	64800			
<b>2</b>	64800					
<b>3</b>	64800					
<b>4</b>	64800					
<b>5</b>	54000					
<b>6</b>	0					
<b>7</b>	0					
<b>8</b>	0					
<b>9</b>	0					
<b>10</b>	0					
<b>11</b>	0					
<b>12</b>	0					
<b>13</b>	0					
<b>14</b>	0					
<b>15</b>	0					
<b>16</b>	0					
<b>17</b>	0					
<b>18</b>	0					
<b>19</b>	0					
<b>20</b>	64800	<0.15	0.28	<0.45	<0.38	
<b>21</b>	64800					
<b>22</b>	64800					
<b>23</b>	64800					
<b>24</b>	64800					
<b>25</b>	19845					
<b>26</b>	0					
<b>27</b>	0					
<b>28</b>	0					
<b>29</b>	0					
<b>30</b>	0					
<b>31</b>	0					

	<b>Sample Point</b>	001		001		001		001		001	
	<b>Description</b>	Surface Water Discharge		Surface Water Discharge		Surface Water Discharge		Surface Water Discharge		Surface Water Discharge	
	<b>Parameter</b>	211		40		54		80		93	
	<b>Description</b>	Flow Rate		Benzene		BETX, Total		Bromoform		Carbon tetrachloride	
	<b>Units</b>	gpd		ug/L		ug/L		ug/L		ug/L	
<b>Summary Values</b>	<b>Monthly Avg</b>	21195		0		0.28		0		0	
	<b>Daily Max</b>	64800		<0.15		0.28		<0.45		<0.38	
	<b>Daily Min</b>	0		<0.15		0.28		<0.45		<0.38	
<b>Limit(s) in Effect</b>	<b>Monthly Avg</b>			50	0	750	0	120	0	150	0
<b>QA/QC Information</b>	<b>LOD</b>			0.15				0.45		0.38	
	<b>LOQ</b>			0.5				1		1	
	<b>QC Exceedance</b>	N		N		N		N		N	
	<b>Lab Certification</b>			999580010		999580010		999580010		999580010	

	<b>Sample Point</b>	001	001	001	001	001	
	<b>Description</b>	Surface Water Discharge	Surface Water Discharge	Surface Water Discharge	Surface Water Discharge	Surface Water Discharge	
	<b>Parameter</b>	118	174	570	558	82	
	<b>Description</b>	Chloroform	Dichlorobromo- methane (bromo- dichloromethane)	1,2-Dichloro- ethane	1,1-Dichloro- ethylene	Methyl bromide	
	<b>Units</b>	ug/L	ug/L	ug/L	ug/L	ug/L	
	<b>Sample Type</b>	GRAB	GRAB	GRAB	GRAB	GRAB	
	<b>Frequency</b>	MONTHLY	MONTHLY	MONTHLY	MONTHLY	MONTHLY	
<b>Sample Results</b>	<b>Day 1</b>						
	<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>		<0.37	<0.37	<0.39	<0.39	<0.65
	<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>	001		001		001		001		001	
	<b>Description</b>	Surface Water Discharge		Surface Water Discharge		Surface Water Discharge		Surface Water Discharge		Surface Water Discharge	
	<b>Parameter</b>	118		174		570		558		82	
	<b>Description</b>	Chloroform		Dichlorobromo- methane (bromo- dichloromethane)		1,2-Dichloro- ethane		1,1-Dichloro- ethylene		Methyl bromide	
	<b>Units</b>	ug/L		ug/L		ug/L		ug/L		ug/L	
<b>Summary Values</b>	<b>Monthly Avg</b>	0		0		0		0		0	
	<b>Daily Max</b>	<0.37		<0.37		<0.39		<0.39		<0.65	
	<b>Daily Min</b>	<0.37		<0.37		<0.39		<0.39		<0.65	
<b>Limit(s) in Effect</b>	<b>Monthly Avg</b>	120	0	120	0	180	0	50	0	120	0
<b>QA/QC Information</b>	<b>LOD</b>	0.37		0.37		0.39		0.39		0.65	
	<b>LOQ</b>	2		1		1		1		2	
	<b>QC Exceedance</b>	N		N		N		N		N	
	<b>Lab Certification</b>	999580010		999580010		999580010		999580010		999580010	

	<b>Sample Point</b>	001	001	001	001	001	
	<b>Description</b>	Surface Water Discharge	Surface Water Discharge	Surface Water Discharge	Surface Water Discharge	Surface Water Discharge	
	<b>Parameter</b>	285	565	490	563	561	
	<b>Description</b>	Methylene chloride	1,1,2,2-Tetrachloro-ethane	Tetrachloroethylene	1,1,2-Trichloro- ethane	1,1,1-Trichloro- ethane	
	<b>Units</b>	ug/L	ug/L	ug/L	ug/L	ug/L	
	<b>Sample Type</b>	GRAB	GRAB	GRAB	GRAB	GRAB	
	<b>Frequency</b>	MONTHLY	MONTHLY	MONTHLY	MONTHLY	MONTHLY	
<b>Sample Results</b>	<b>Day 1</b>						
	<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>	<0.32	<0.40	18	<0.35	<0.38
		<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>	001		001		001		001		001	
	<b>Description</b>	Surface Water Discharge		Surface Water Discharge		Surface Water Discharge		Surface Water Discharge		Surface Water Discharge	
	<b>Parameter</b>	285		565		490		563		561	
	<b>Description</b>	Methylene chloride		1,1,2,2-Tetrachloro-ethane		Tetrachloroethylene		1,1,2-Trichloro- ethane		1,1,1-Trichloro- ethane	
	<b>Units</b>	ug/L		ug/L		ug/L		ug/L		ug/L	
<b>Summary Values</b>	<b>Monthly Avg</b>	0		0		18		0		0	
	<b>Daily Max</b>	<0.32		<0.4		18		<0.35		<0.38	
	<b>Daily Min</b>	<0.32		<0.4		18		<0.35		<0.38	
<b>Limit(s) in Effect</b>	<b>Monthly Avg</b>	120	0	50	0	50	0	50	0	50	0
<b>QA/QC Information</b>	<b>LOD</b>	0.32		0.4		0.37		0.35		0.38	
	<b>LOQ</b>	1		1		1		1		1	
	<b>QC Exceedance</b>	N		N		N		N		N	
	<b>Lab Certification</b>	999580010		999580010		999580010		999580010		999580010	

	<b>Sample Point</b>	001	001
	<b>Description</b>	Surface Water Discharge	Surface Water Discharge
	<b>Parameter</b>	508	517
	<b>Description</b>	Trichloro- ethylene	Vinyl chloride
	<b>Units</b>	ug/L	ug/L
	<b>Sample Type</b>	GRAB	GRAB
	<b>Frequency</b>	MONTHLY	MONTHLY
<b>Sample Results</b>	<b>Day 1</b>		
	<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>	7.4	<0.20
	<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>	001		001	
	<b>Description</b>	Surface Water Discharge		Surface Water Discharge	
	<b>Parameter</b>	508		517	
	<b>Description</b>	Trichloro- ethylene		Vinyl chloride	
	<b>Units</b>	ug/L		ug/L	
<b>Summary Values</b>	<b>Monthly Avg</b>	7.4		0	
	<b>Daily Max</b>	7.4		<0.2	
	<b>Daily Min</b>	7.4		<0.2	
<b>Limit(s) in Effect</b>	<b>Monthly Avg</b>	50	0	10	0
<b>QA/QC Information</b>	<b>LOD</b>	0.16		0.2	
	<b>LOQ</b>	0.5		1	
	<b>QC Exceedance</b>	N		N	
	<b>Lab Certification</b>	999580010		999580010	



General Remarks

For the BTEX parameter, the toluene result was reported (0.28 J) at a concentration less than the laboratory reporting limit but greater than or equal to the laboratory method detection limit and the concentration is an approximate value.

The GETS shutdown between 8/5 and 8/20 due to issues with the groundwater extraction well pump. A new pump motor was installed and the system was restarted on 8/20/2018. Following the system shutdown again between 8/25 and 8/31 due to system tank float issues and repairs.

Madison-Kipp/TRC conduct visual monitoring for sodium permanganate: Results: Absent

Laboratory Quality Control Comments

Submitted by astehn on 09/20/2018 3:38:10 PM