

**Wastewater Discharge Monitoring Long Report**

**For DNR Use Only**

Facility Name: MADISON KIPP CORPORATION  
 Contact Address: 708 Heartland Trail, Suite 3000  
 Madison, WI 53717  
 Facility Contact: Andrew Stehn, Project Engineer  
 Phone Number: 608-826-3665  
 Reporting Period: 11/01/2018 - 11/30/2018  
 Form Due Date: 12/21/2018  
 Permit Number: 0046566

Date Received:  
 DOC: 414129  
 FIN: 7960  
 FID: 113125320  
 Region: South Central Region  
 Permit Drafter: Trevor J Moen  
 Reviewer: Christopher A Dietrich  
 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                 |       |
| <b>Sample Results</b> | <b>Day 1</b>            | 57600                   |                         |                         |                         |       |
|                       | <b>2</b>                | 57600                   |                         |                         |                         |       |
|                       | <b>3</b>                | 57600                   |                         |                         |                         |       |
|                       | <b>4</b>                | 57600                   |                         |                         |                         |       |
|                       | <b>5</b>                | 57600                   | <0.15                   | 0.65                    | <0.45                   | <0.38 |
|                       | <b>6</b>                | 57600                   |                         |                         |                         |       |
|                       | <b>7</b>                | 57600                   |                         |                         |                         |       |
|                       | <b>8</b>                | 57600                   |                         |                         |                         |       |
|                       | <b>9</b>                | 57600                   |                         |                         |                         |       |
|                       | <b>10</b>               | 57600                   |                         |                         |                         |       |
|                       | <b>11</b>               | 57600                   |                         |                         |                         |       |
|                       | <b>12</b>               | 57600                   |                         |                         |                         |       |
|                       | <b>13</b>               | 57600                   |                         |                         |                         |       |
|                       | <b>14</b>               | 57600                   |                         |                         |                         |       |
|                       | <b>15</b>               | 57600                   |                         |                         |                         |       |
|                       | <b>16</b>               | 57600                   |                         |                         |                         |       |
|                       | <b>17</b>               | 57600                   |                         |                         |                         |       |
|                       | <b>18</b>               | 57600                   |                         |                         |                         |       |
|                       | <b>19</b>               | 57600                   |                         |                         |                         |       |
|                       | <b>20</b>               | 57600                   |                         |                         |                         |       |
|                       | <b>21</b>               | 57600                   |                         |                         |                         |       |
|                       | <b>22</b>               | 57600                   |                         |                         |                         |       |
|                       | <b>23</b>               | 57600                   |                         |                         |                         |       |
|                       | <b>24</b>               | 57600                   |                         |                         |                         |       |
|                       | <b>25</b>               | 57600                   |                         |                         |                         |       |
|                       | <b>26</b>               | 57600                   |                         |                         |                         |       |
|                       | <b>27</b>               | 57600                   |                         |                         |                         |       |
|                       | <b>28</b>               | 57600                   |                         |                         |                         |       |
|                       | <b>29</b>               | 50400                   |                         |                         |                         |       |
|                       | <b>30</b>               | 57600                   |                         |                         |                         |       |
|                       | <b>31</b>               |                         |                         |                         |                         |       |

|                           | Sample Point             | 001                     |    | 001                     |     | 001                     |     | 001                     |     |           |  |
|---------------------------|--------------------------|-------------------------|----|-------------------------|-----|-------------------------|-----|-------------------------|-----|-----------|--|
|                           | Description              | Surface Water Discharge |    | Surface Water Discharge |     | Surface Water Discharge |     | Surface Water Discharge |     |           |  |
|                           | Parameter                | 211                     |    | 40                      |     | 54                      |     | 80                      |     |           |  |
|                           | Description              | Flow Rate               |    | Benzene                 |     | BETX, Total             |     | Bromoform               |     |           |  |
|                           | Units                    | gpd                     |    | ug/L                    |     | ug/L                    |     | ug/L                    |     |           |  |
| <b>Summary Values</b>     | <b>Monthly Avg</b>       | 57360                   |    | 0                       |     | 0.65                    |     | 0                       |     |           |  |
|                           | <b>Daily Max</b>         | 57600                   |    | <0.15                   |     | 0.65                    |     | <0.45                   |     |           |  |
|                           | <b>Daily Min</b>         | 50400                   |    | <0.15                   |     | 0.65                    |     | <0.45                   |     |           |  |
| <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              | Dichlorobromomethane (bromodichloromethane) | 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>            | <0.37                   | <0.37                                       | <0.39                   | <0.39                   | <0.65                   |
|                       | <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>      | 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-<br>methane (bromo-<br>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>    | 120                     | 565                        | 490                     | 563                     | 561                     |
|                       | <b>Description</b>  | Chloromethane           | 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>            | <0.32                   | <0.40                      | 9.8                     | <0.35                   | <0.38                   |
|                       | <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>      | 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>         | 120                     |   | 565                        |   | 490                     |   | 563                     |   | 561                     |   |
|                           | <b>Description</b>       | Chloromethane           |   | 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                          |   | 9.8                     |   | 0                       |   | 0                       |   |
|                           | <b>Daily Max</b>         | <0.32                   |   | <0.4                       |   | 9.8                     |   | <0.35                   |   | <0.38                   |   |
|                           | <b>Daily Min</b>         | <0.32                   |   | <0.4                       |   | 9.8                     |   | <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>            | 3.0                     | <0.20                   |
|                       | <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>      | 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>       | 3                       |   | 0                       |   |
|                           | <b>Daily Max</b>         | 3                       |   | <0.2                    |   |
|                           | <b>Daily Min</b>         | 3                       |   | <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               |   |



Footnotes (DNR Use Only; Instructions for completing this form that are unique for your facility may be displayed here.)

General Remarks

The GETS shutdown on 11/29/2018 around 8 am due to a power outage. The system was restarted on 11/29/2018 around 11 am.

Laboratory Quality Control Comments

The only BTEX parameter detected was xylenes, total which was reported with a J qualifier. This indicates that the concentration is an approximate value as the reported result was less than the LOQ but greater than or equal to the LOD.

Submitted by Andrew Stehn(astehn) on 12/19/2018 4:32:22 PM