



Village of Menomonee Falls  
 W156 N8480 Pilgrim Road  
 Menomonee Falls, WI 53051-3140  
 Telephone: (262) 532-4200

## STORMWATER MANAGEMENT FACILITIES OPERATION AND INSPECTION REPORT

Quarter Section \_\_\_\_\_ Name of Business/Subdivision Goodwill Industries  
 Property Tax ID Number MNFV00139 Address of Property W178N9315 Water Tower Place  
80  
 Date 4/4/14 Menomonee Falls, WI

|          |   |
|----------|---|
| Dry Pond |   |
| Wet Pond | X |
| Other    |   |

Location of Pond Northern corner of site  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 Pond ID: SWP04N002

Year Pond Constructed 2006 Year of Last Certification 2010

| Compliance Verification                        | Design | Actual | Compliant |    | Comments<br>(Condition of Structure) |
|--|--------|--------|-----------|----|--------------------------------------|
|  |        |        | Yes       | No |                                      |
| <b>Primary Outlet Pipe</b>                     |        |        |           |    |                                      |
| Opening Diameter (inches)                      | 24"    | 24"    | X         |    | Outlet in good condition             |
| Upstream Invert                                | 896    | 896.02 | X         |    |                                      |
| Downstream Invert                              | 896    | 896    | X         |    |                                      |
| Length (feet)                                  | 45'    | 45'    | X         |    |                                      |
| Slope (%)                                      | 0      | 0.04%  | X         |    |                                      |
| <b>Secondary Outlet Pipe</b> (If Applicable)   |        |        |           |    |                                      |
| Opening Diameter (inches)                      |        |        |           |    | NA – No secondary outlet             |
| Upstream Invert                                |        |        |           |    |                                      |
| Downstream Invert                              |        |        |           |    |                                      |
| Length (feet)                                  |        |        |           |    |                                      |
| Slope (%)                                      |        |        |           |    |                                      |
| <b>Riser</b> (If Applicable)                   |        |        |           |    |                                      |
| Opening Diameter (inches)                      |        |        |           |    | NA – No riser                        |
| Elevation                                      |        |        |           |    |                                      |
| <b>Upper Discharge Control</b> (If Applicable) |        |        |           |    |                                      |
| Opening Diameter (inches)                      | 4.8    | 4.8    | X         |    |                                      |
| Elevation                                      | 899.55 | 899.5  | X         |    |                                      |

| Compliance Verification                                | Design            | Actual | Compliant                         |    | Comments       |                |
|--|-------------------|--------|-----------------------------------|----|----------------|----------------|
|  |                   |        | Yes                               | No |                |                |
| <b>Lower Discharge Control</b>                         | (If Applicable)   |        |                                   |    |                |                |
| Opening Diameter (inches)                              | 3.7               | 3.7    |                                   |    |                |                |
| Elevation  | 896               | 896.1  | X                                 |    |                |                |
| <b>Other (Description)</b>                             |                   |        |                                   |    |                |                |
| Opening Type and Size (inches)                         |                   |        |                                   |    |                |                |
| Elevation  |                   |        |                                   |    |                |                |
| <b>Emergency Spillway</b>                              |                   |        |                                   |    |                |                |
| Elevation  | 903               | 903    | X                                 |    |                |                |
| Length of spillway (feet)                              |                   |        |                                   |    |                |                |
| <b>Embankment</b>                                      | Present<br>Yes no |        | Comments/Maintenance Requirements |    |                |                |
| Unauthorized Plantings, trees, or woody vegetation     |                   | X      |                                   |    |                |                |
| Animal burrows or slope erosion                        |                   | X      |                                   |    |                |                |
| <b>Storm Sewer Outfalls</b>                            | Type & Size       |        | Location                          |    | Comments       |                |
| Outfall 1  | 24" HDPE          |        | SE corner of basin                |    | Good shape     |                |
| Outfall 2  | 18" HDPE          |        | SW corner of basin                |    | Good shape     |                |
| Outfall 3  |                   |        |                                   |    |                |                |
| <b>Storage Properties</b>                              | Design            | Actual | Compliant                         |    | Not Applicable | Equipment Used |
|  |                   |        | Yes                               | No |                |                |
| Normal Water Elevation (Wet Ponds)                     | 896               | 896    | X                                 |    |                |                |
| Design High Water Elevation                            |                   |        |                                   |    |                |                |
| Area at Normal Water Elevation (Ac) (Wet Ponds)        |                   |        |                                   |    |                |                |
| Area at Design High Water Elevation (Ac)               |                   |        |                                   |    |                |                |
| Active Storage Available (Ac-Ft)*                      |                   |        |                                   |    |                |                |
| Lowest Elevation at Top of Embankment (If Applicable)  |                   |        |                                   |    |                |                |
| Average Elevation at Top of Embankment (If Applicable) |                   |        |                                   |    |                |                |
| Maximum Bottom Elevation                               |                   |        |                                   |    |                |                |
| Average Pond Bottom Elevation                          |                   |        |                                   |    |                |                |
| Pond Bottom Area (Ac)                                  |                   |        |                                   |    |                |                |
| Maximum Pond Depth                                     |                   |        |                                   |    |                |                |
| Average Pond Depth                                     |                   |        |                                   |    |                |                |
| Average Permanent Pool Depth (Wet Ponds)               |                   |        |                                   |    |                |                |

\*To Determine Active Storage  $V=H/3(A1+A2+(A1 \times A2)^{1/2})$

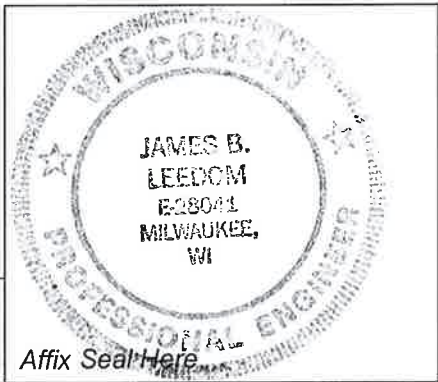
Wet Ponds Use  $H = \text{Height of Section}$ ,  $A1 = \text{area at normal water elevation}$ ,  $A2 = \text{area at top section}$

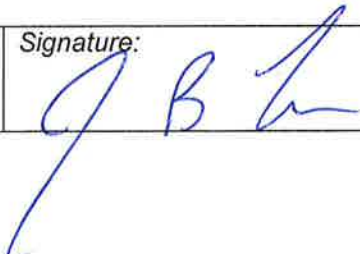
|  |   |
|--|---|
| <i>Sketch Outlet or Attach to Document</i> | <i>Place Photograph of Pond or Attach to Document</i><br><br><i>See attached photos</i> |
|  | <i>Place Photograph of Pond or Attach to Document</i>                                   |

*Attach As-built Survey to the Document for the first report submission*

Inspection Firm: The Sigma Group, Inc.      Inspector Name : James Leedom, P.E.  
Phone Number: 414-643-4200      Inspection Date: 4/4/14  
Address: 1300 W. Canal Street  
Milwaukee, WI 53233

Certifying Professional James B. Leedom, P.E.  
Name:  
Phone Number: 414-643-4200



|                               |  |
|-------------------------------|--|
| <i>Date:</i><br><u>4/9/14</u> | <i>Signature:</i><br> |
|-------------------------------|--|

Goodwill

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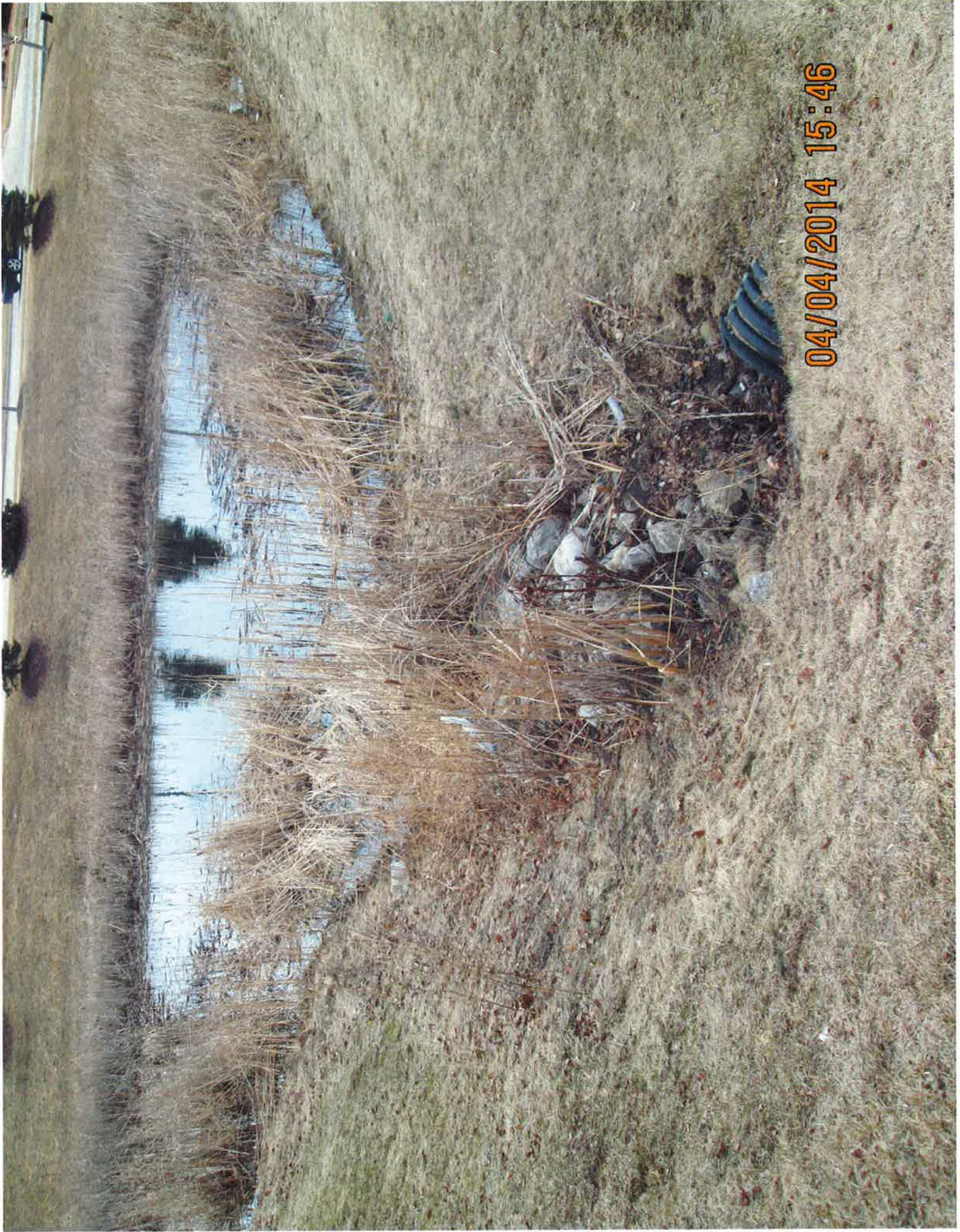




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