DATE: January 30, 2014

TO: John Weiske, Housing and Residence Life – Administrative Director

FROM: Erik Larson, Facilities Management - Sr. Engineer

SUBJECT: Summary of 2013 Inspection of Housing Structural Storm Water Devices UMD SWPPP 6b-2 / UMD SWPPP 6b-5

I completed the annual inspections of the housings’ structural storm water devices last fall per the MPCA’s MS4’s storm water permit MN R580000. While generally your devices appear to be operating appropriately, there are a few items that should be addressed. A prioritized summary with recommendations follows. My recommendation is that those described as high priority should be addressed this summer and low priority items maybe deferred and reviewed again this fall to see if they continue to be a problem.

HIGH PRIORITY

ST1303 LAIH Rain Garden
Cap on drain tile clean out is missing. I recommend replacement of cap so drain tile does not get plugged by items dropped in opening.

MEDIUM PRIORITY

ST1313 LAIH Sand Filter
Minor erosion is occurring at the inlet to the filter. This is mainly a safety hazard, as the sand filter doubles as a volleyball court. I recommend that this inlet be redesigned to reduce the velocity of the incoming water. We can discuss options if you would like.

ST1354 GHFAR Rain Garden / Grass Surface (South)
Per the design SWPPP long term maintenance plan, the area between GHFAR and the rain gardens are to be aerated each spring after the students move out. I recommend aerating Griggs Beach per the GHFAR project SWPPP long term maintenance plan.

ST3253 GHFAR Rain Garden / Grass Surface (North)
Per the design SWPPP long term maintenance plan, the area between GHFAR and the rain gardens are to be aerated each spring after the students move out. I recommend aerating Griggs Beach per the GHFAR project SWPPP long term maintenance plan.

LOW PRIORITY

ST1323 LAIH South side Grass Swale (Northeast)
The sod in this area is inhibited due to the area being too wet. It has not yet begun to erode much. I recommend changing the area into a rain garden planting with wetland plants.
ST1333 LAIH South side Grass Swale

The sod in this area is inhibited due to the area being too wet. It has not yet begun to erode. I recommend changing the area into a rain garden planting with wetland plants.

The rest of your structural storm water devices and materials handling areas appear to be functioning as intended. I have included a copy of all your inspection reports for your review.

Update on last year’s issues:

ST1303 LAIH Rain Garden – Plant Rain Garden – Planted 8/27/13
ST1313 Griggs G Sand Filter – Redesign inlet - Not Funded
ST1354 GHFAR Rain Garden / Grass Surface (South) – Aerate per SWPPP – Complete May 2013
ST3253 GHFAR Rain Garden / Grass Surface (North) – Aerate per SWPPP – Complete May 2013

If you have any questions regarding these inspections please contact me at (218) 726-6915 or elarson@d.umn.edu.

Please let me know how you would intend to respond to these inspection findings as I need to report our maintenance activities in our annual storm water report to the MPCA this spring. If you would like me to oversee the repairs, please submit a work order describing which devices you would like repaired.

Thanks.

Enclosures:

Housing Structural Storm Water Devices

ST1303 LAIH Rain Garden
ST1313 LAIH Volleyball Sand Filter
ST1323 LAIH Grass Swale
ST1333 LAIH Grass Swale
ST1338 LAIH/Lot Q-4 Sump Manhole (South) (shared w/ Parking)
ST1346 LAIH/Lot Q-4 Sump Manhole (Middle) (shared w/ Parking)
ST1354 GHFAR Rain Garden / Grass Surface (South)
ST1366 LAIH/Lot Q-4 Sump Manhole (North) (shared w/ Parking)
ST3253 GHFAR Rain Garden / Grass Surface (North)

Housing Material Handling Areas

LSH-MH Lake Superior Hall Materials Handling

C: UMD Storm Water Steering Committee

John King, UMD Facilities Management - Director
University of Minnesota Duluth

STORM WATER INSPECTION FORM

Outfall #: Photograph Name: 13-ST1303 Inspection Date: 10/22/2013

Pond Name: Date of last inspection: 12/3/2012

Mechanical Structure #: ST1303 Type: Rain Garden

Location: LAIH-south side, Lower Inspector: Erik J. Larson

Weather: Air Temperature: 35 Rain: Y N Date of Last Rain: 10/21/2013 Sunny Cloudy

Describe drainage area: *See Griggs plans

Shared Use: Y N Describe: LAIH and Lot Q-4

Physical Observations

Condition of Device: Good Average Poor Work Needed: Y N

Describe Work Needed: N/A Need cap on DT clean out

Any Materials Within Structure: Deteriorating: Y N Describe:

Releasing Pollution: Y N Describe:

Capacity of Pipe: Size of pipe: Depth of Water: Has Source of Flow Been Determined: Y N

Source of Water: N/A

Describe Storage Capacity: Minimal Less Than Half Greater Than Half Full Amount Remaining: (empty)

Flow: Performing Properly Full Overloaded Clogged Other:

Work Needed: Y N Describe:

Odor: None Sewage Sulfide Oil Gas Rancid-Sour Other:

Color: Normal Dark Brown Light Brown Other:

Turbidity: None Cloudy Suspended Particles Other:

Water Temperature: F Not Available

Accumulated Materials

Floatables: None Sheen Foam Sewage Litter Other: Sample Collected: Y N

Oil in Oil Port: Y N N/A Measurement: Calculated:

Describe Work Needed: N/A

Deposits: None Sediment Oily Describe: minimal Sample Collected: Y N

Depth of Sediment: N/A Measurement: Remaining Capacity

Describe Work Needed: N/A

Stains: Y N Work Needed: Y N Describe:

Vegetation Conditions: Normal Excessive Growth Inhibited Growth Describe:

Describe Work Needed: N/A watch sod around edges, appears to be dead

Erosion: None Minor Erosion Major Erosion Erosion Protected Y N

Describe Work Needed: N/A

Immediate Work Needed: Y N Describe: Need cap on DT clean out

Next Anticipated Work Date: Spring 2014

Inspection Comments / Recommendations

Comments / Recommendations Completed Date

Need a cap on cleanout/overflow Y N

New plants installed 2013

Watch vegetation around rock swale

N 46 49.000
W 92 05.339

Printed - 1/29/2014
### Physical Observations

**Condition of Device:** Good

- **Work Needed:** Y
  - **Describe Work Needed:** Minor erosion on inlet - Potential safety hazard

**Any Materials Within Structure:** Deteriorating

- **Describe:** Gullies in sand at entrance to the filter

**Capacity of Pipe:**

- **Size of Pipe:**
- **Depth of Water:**
- **Has Source of Flow Been Determined:** Y

**Flow:**

- **Performing Properly**
- **Full**
- **Overloaded**
- **Clogged**

**Odor:**

- **None**
- **Sewage**
- **Sulfide**
- **Oil**
- **Gas**
- **Rancid-Sour**

**Color:**

- **Normal**
- **Dark Brown**
- **Light Brown**
- **Other:**

**Turbidity:**

- **None**
- **Cloudy**
- **Suspended Particles**
- **Other:**

**Water Temperature:**

- **F**
- **Not Available**

### Accumulated Materials

**Floatables:**

- **None**
- **Sheen**
- **Foam**
- **Sewage**
- **Litter**

- **Oil in Oil Port:** Y
  - **Measurement:**
  - **Sample Collected:** Y

**Deposits:**

- **None**
- **Sediment**

- **Depth of Sediment:** N/A
  - **Measurement:**
  - **Remaining Capacity:** 100%

**Stains:**

- **Y**

**Vegetation Conditions:**

- **Normal**
- **Excessive Growth**
- **Inhibited Growth**

**Erosion:**

- **None**
- **Minor Erosion**

**Immediate Work Needed:** Y

- **Describe:** Rip rap is close to playing area and not stopping the movement of the sand surface

### Inspection Comments / Recommendations

- **Completed**
- **Date**

<table>
<thead>
<tr>
<th>Comments / Recommendations</th>
<th>Completed</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>2012 - Minor erosion on inlet - Potential safety hazard</td>
<td>Y</td>
<td>N</td>
</tr>
<tr>
<td></td>
<td>Y</td>
<td>N</td>
</tr>
<tr>
<td></td>
<td>Y</td>
<td>N</td>
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<td></td>
<td>Y</td>
<td>N</td>
</tr>
<tr>
<td></td>
<td>Y</td>
<td>N</td>
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N 46 49.016
W 92 05.355
**University of Minnesota Duluth**

**STORM WATER INSPECTION FORM**

<table>
<thead>
<tr>
<th>Outfall # :</th>
<th>Photograph Name : 13-ST1323</th>
<th>Inspection Date: 10/22/2013</th>
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</thead>
<tbody>
<tr>
<td>Pond Name:</td>
<td></td>
<td>Date of last inspection: 12/3/2012</td>
</tr>
<tr>
<td>Mechanical Structure # :</td>
<td>ST1323</td>
<td>Type: Grass swale</td>
</tr>
<tr>
<td>Location:</td>
<td>Griggs G -south side, NE</td>
<td></td>
</tr>
<tr>
<td>Inspector:</td>
<td>Erik J. Larson</td>
<td></td>
</tr>
<tr>
<td>Weather:</td>
<td>Air Temperature: 35 Rain: Y N Date of Last Rain: 10/21/2013 Sunny Cloudy</td>
<td></td>
</tr>
<tr>
<td>Describe drainage area:</td>
<td>Griggs fire lane</td>
<td></td>
</tr>
<tr>
<td>Shared Use:</td>
<td>Y N</td>
<td></td>
</tr>
</tbody>
</table>

### Physical Observations

| Condition of Device: | Poor Work Needed: Y N |
| Any Materials Within Structure: Deteriorating: Y N | Describe: Sod is showing signs of inhibited growth |
| Releasing Pollution: Y N |

| Capacity of Pipe: | Size of pipe: | Depth of Water: | Has Source of Flow Been Determined: Y N |
| Source of Water: | N/A |

| Flow: | Performing Properly | Full Overloaded Clogged Other: |
| Work Needed: | Y N |

| Odor: | None Sewage Sulfide Oil Gas Rancid-Sour Other: |
| Color: | Normal Dark Brown Light Brown Other: |

| Turbidity: | None Cloudy Suspended Particles Other: |
| Water Temperature: | F Not Available |

### Accumulated Materials

| Floatables: | None Sheen Foam Sewage Litter Other: Leaves |
| Oil in Oil Port: | Y N N/A |

| Deposits: | None Sediment Oily Describe: |
| Depth of Sediment: | N/A |

| Stains: | Y N |
| Vegetation Conditions: | Normal Excessive Growth Inhibited Growth Describe: Too Wet |
| Erosion: | None Minor Erosion |

| Immediate Work Needed: | Y N |

### Inspection Comments / Recommendations

<table>
<thead>
<tr>
<th>Plant with Wetland Plants?</th>
<th>Complete Date</th>
</tr>
</thead>
</table>

N 46 49.035
W 92 05.318

Printed - 1/29/2014
### University of Minnesota Duluth

#### STORM WATER INSPECTION FORM

<table>
<thead>
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<th>Outfall #</th>
<th>Photograph Name</th>
<th>Inspection Date: 10/22/2013</th>
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<tr>
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<tr>
<th>Pond Name</th>
<th>Date of last inspection: 12/3/2012</th>
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</thead>
<tbody>
<tr>
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<td></td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Mechanical Structure #: ST1333</th>
<th>Type: Grass swale</th>
</tr>
</thead>
<tbody>
<tr>
<td>Location: LAIH - south side, Upper</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Inspector</th>
<th>Erik J. Larson</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weather:</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Air Temperature: 35</th>
<th>Rain: Y N</th>
<th>Date of Last Rain: 10/21/2013</th>
<th>Sunny</th>
<th>Cloudy</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Describe drainage area: Griggs Hall Fire Lane, WDSE, Field 5, LAIH</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Shared Use</th>
<th>Y N</th>
<th>Describe: Griggs Hall Fire Lane, WDSE, Field 5</th>
</tr>
</thead>
</table>

#### Physical Observations

**Condition of Device:** Good Average Poor Work Needed: Y N

Describe Work Needed: N/A Sod restoration or replacement

Any Materials Within Structure: Deteriorating: Y N Describe: Sod is showing signs of inhibited growth

**Capacity of Pipe:** Size of pipe: Depth of Water: _______ Has Source of Flow Been Determined: Y N

Source of Water: N/A

Describe Storage Capacity: Minimal Less Than Half Greater Than Half Full Amount Remaining: _______

**Flow:** Performing Properly Full Overloaded Clogged Other: _____

Work Needed: Y N Describe: _______

**Odor:** None Sewage Sulfide Oil Gas Rancid-Sour Other: _______

**Color:** Normal Dark Brown Light Brown Other: _______

**Turbidity:** None Cloudy Suspended Particles Other: _______

**Water Temperature:** _______ F Not Available

**Accumulated Materials**

**Floatables:** None Sheen Foam Sewage Litter Other: Leaves Sample Collected: Y N

Oil in Oil Port: Y N N/A Measurement: _______ Calculated: _______

Describe Work Needed: N/A

**Deposits:** None Sediment Oily Describe: _______

Depth of Sediment: N/A Measurement: _______ Remaining Capacity: _______

Describe Work Needed: N/A

**Stains:** Y N Work Needed: Y N Describe: _______

**Vegetation Conditions:** Normal Excessive Growth Inhibited Growth Describe: Appears to be too wet

Describe Work Needed: N/A Sod restoration or replacement with different plants

**Erosion:** None Minor Erosion Major Erosion Erosion Protected Y N

Describe Work Needed: N/A Sod restoration or replacement with different plants

**Immediate Work Needed:** Y N Describe: _______

Next Anticipated Work Date: _______

### Inspection Comments / Recommendations

**Comments / Recommendations**

Minor trash Y N

Plant with Wetland plants? Y N

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N 46 49.043
W 92 05.338

Printed - 1/29/2014
## STORM WATER INSPECTION FORM

### Physical Observations

**Condition of Device:**
- Good
- Average
- Poor
- Work Needed: Y
- N

**Any Materials Within Structure:**
- Deteriorating: Y
- N

**Releasing Pollution:**
- Y
- N

**Capacity of Pipe:**
- Size of pipe: _____
- Depth of Water: 2'8"
- Has Source of Flow Been Determined: Y
- N

*Source of Water: N/A*

**Describe Storage Capacity:**
- Minimal
- Less Than Half
- Greater Than Half
- Full
- Amount Remaining: Unknown

**Flow:**
- Performing Properly
- Full
- Overloaded
- Clogged
- Other: __________

**Work Needed:**
- Y
- N

**Odor:**
- None
- Sewage
- Sulfide
- Oil
- Gas
- Rancid-Sour
- Other: __________

**Color:**
- Normal
- Dark Brown
- Light Brown
- Other: __________

**Turbidity:**
- None
- Cloudy
- Suspended Particles
- Other: __________

**Water Temperature:**
- F
- Not Available

### Accumulated Materials

**Floatables:**
- None
- Sheen
- Foam
- Sewage

**Oil in Oil Port:**
- Y
- N
- N/A

**Deposits:**
- None
- Sediment
- Oily

**Depth of Sediment:**
- N/A
- Measurement: 3.5"
- Remaining Capacity

**Stains:**
- Y
- N

**Vegetation Conditions:**
- Normal
- Excessive Growth
- Inhibited Growth

**Erosion:**
- None
- Minor Erosion
- Major Erosion

**Immediate Work Needed:**
- Y
- N

**Next Anticipated Work Date:**

### Inspection Comments / Recommendations

**Comments / Recommendations**
- Clean when sediment is within 2.5' from outlet pipe
- Y
- N

- Look at plans for drainage area
- Y
- N

---

N 46 49.069  
W 92 05.336
### Physical Observations

**Condition of Device:** Good

**Work Needed:** Y

- **Any Materials Within Structure:** Deteriorating

- **Releasing Pollution:** Y

**Capacity of Pipe:**
- **Size of Pipe:**
- **Depth of Water:** 3'

**Source of Water:** N/A

**Flow:** Performing Properly

**Work Needed:** Y

**Odor:** None

**Color:** Normal

**Turbidity:** None

**Water Temperature:** F

**Accumulated Materials**

- **Floatables:** None
- **Oil in Oil Port:** Y
- **Deposit:** None
- **Stains:** Y

**Vegetation Conditions:** Normal

**Erosion:** None

**Immediate Work Needed:** Y

### Inspection Comments / Recommendations

**Clean when sediment is within 2.5' from outlet**

- Completed: Y
  - Date: _

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N 46 49.072
W 92 05.330
University of Minnesota Duluth

STORM WATER INSPECTION FORM

Outfall #: ___________________________ Photograph Name: ___________________________ Inspection Date: 10/22/2013

Pond Name: ___________________________ Date of last inspection: 12/3/2012

Mechanical Structure #: ST1354 Type: Rain Garden

Location: Griggs Fire Access Road (South Side)

Inspector: Erik J. Larson

Weather: Air Temperature: 35 Rain: Y N Date of Last Rain: 10/21/2013 Sunny Cloudy

Describe drainage area: Drains off south side of Griggs beach and overflow off Vermillion Hall

Shared Use: Y N Describe:

Physical Observations

Condition of Device: Good Average Poor Work Needed: Y N

Describe Work Needed: N/A

Any Materials Within Structure: Deteriorating: Y N Describe:

Releasing Pollution: Y N Describe:

Capacity of Pipe: Size of pipe: ______ Depth of Water: ______ Has Source of Flow Been Determined: Y N

Source of Water: N/A

Describe Storage Capacity: Minimal Less Than Half Greater Than Half Full Amount Remaining: ______

Flow: Performing Properly Full Overloaded Clogged Other: ______

Work Needed: Y N Describe:

Odor: None Sewage Sulfide Oil Gas Rancid-Sour Other: ______

Color: Normal Dark Brown Light Brown Other: ______

Turbidity: None Cloudy Suspended Particles Other: ______

Water Temperature: ______ F Not Available

Accumulated Materials

Floatables: None Sheen Foam Sewage Litter Other: ______ Sample Collected: Y N

Oil in Oil Port: Y N N/A Measurement: ______ Calculated: ______

Describe Work Needed: N/A

Deposits: None Sediment Oily Describe: ______ Sample Collected: Y N

Depth of Sediment: N/A Measurement: ______ Remaining Capacity ______

Describe Work Needed: N/A

Stains: Y N Work Needed: Y N Describe:

Vegetation Conditions:

Describe Work Needed: N/A

Erosion: None Minor Erosion Major Erosion Erosion Protected Y N

Describe Work Needed: N/A

Immediate Work Needed: Y N Describe:

Next Anticipated Work Date:

Inspection Comments / Recommendations

Comments / Recommendations

New 2011

Annual aerating

N 46 49.065
W 92 5.264

Completed Date

Y N ______

Y N ______

Y N ______

Printed - 1/30/2014
### Storm Water Inspection Form

**Outfall #:** __________________________  **Photograph Name:** __________________________  **Inspection Date:** 10/29/2013

**Pond Name:** __________________________  **Mechanical Structure #:** ST1366  **Type:** Manhole Sump  **Date of last inspection:** 11/20/2012

**Location:** Lot Q-4 - North East Corner  **Inspector:** Erik J. Larson

**Weather:** Air Temperature: 35  **Rain:** Y  **Date of Last Rain:** 10/27/2013

**Describe drainage area:** Lot Q-4 / LAIH  **Shared Use:** Y

#### Physical Observations

**Condition of Device:** Good  **Any Materials Within Structure:** Deteriorating: Y

**Capacity of Pipe:** Size of pipe:  **Depth of Water:** 3'  **Has Source of Flow Been Determined:** Y

**Flow:** Performing Properly  **Source of Water:** N/A

**Odor:** None  **Turbidity:** None

**Color:** Normal  **Water Temperature:** F

**Accumulated Materials**

**Floatables:** None  **Oil in Oil Port:** Y

**Deposits:** None  **Depth of Sediment:** N/A

**Stains:** Y  **Vegetation Conditions:** Normal

**Erosion:** None  **Immediate Work Needed:** Y

**Inspection Comments / Recommendations**

**Comments / Recommendations**  **Completed**  **Date**

Remove Sediment when it is within 2.5' of outlet

**N 46 49.080**  **W 92 05.309**

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**Printed - 11/8/2013**
University of Minnesota Duluth
STORM WATER INSPECTION FORM

Outfall #: ___________________________ Photograph Name: 11-ST3253 Inspection Date: 10/22/2013
Pond Name: ___________________________ Date of last inspection: 12/3/2013
Mechanical Structure #: ST3253 Type: Rain Garden
Location: Griggs firelane
Inspector: Erik J. Larson
Weather: Air Temperature: 35 Rain: Y N Date of Last Rain: 10/21/2013 Sunny Cloudy
Date of last inspection: 12/3/2013

Describe drainage area: North side of Griggs Beach / Griggs Fire Access Road / Burntside overflow
Shared Use: Y N Describe:

Physical Observations

Condition of Device: Good Average Poor Work Needed: Y N
       Describe Work Needed: N/A

Any Materials Within Structure: Deteriorating: Y N Describe:
       Releasing Pollution: Y N Describe:

Capacity of Pipe: Size of pipe: _______ Depth of Water: _______ Has Source of Flow Been Determined: Y N
       Source of Water: N/A

Describe Storage Capacity: Minimal Less Than Half Greater Than Half Full Amount Remaining: _______

Flow: Performing Properly Full Overloaded Clogged Other: _______
       Work Needed: Y N Describe:

Odor: None Sewage Sulfide Oil Gas Rancid-Sour Other: _______

Color: Normal Dark Brown Light Brown Other: _______

Turbidity: None Cloudy Suspended Particles Other: _______

Water Temperature: F Not Available

Accumulated Materials

Floatables: None Sheen Foam Sewage Litter Other: Sample Collected: Y N
       Oil in Oil Port: Y N N/A Measurement: Calculated: _______
       Describe Work Needed: N/A

Deposits: None Sediment Oily Describe: Sample Collected: Y N
       Depth of Sediment: N/A Measurement: Remaining Capacity
       Describe Work Needed: N/A

Stains: Y N Work Needed: Y N Describe:

Vegetation Conditions: Normal Excessive Growth Inhibited Growth Describe:
       Describe Work Needed: N/A

Erosion: None Minor Erosion Major Erosion Erosion Protected Y N
       Describe Work Needed: N/A

Immediate Work Needed: Y N Describe:

Next Anticipated Work Date:

Inspection Comments / Recommendations

Comments / Recommendations
New 2011
Annual aerating

N 46 49.200
W 92 05.176

Completed Date
Y N
Y N
Y N

Printed - 1/30/2014
University of Minnesota Duluth

STORM WATERS STOCK PILE / STORAGE / MATERIALS HANDLING INSPECTION FORM

Area Description: LSH-MH                                Inspection Date: 10/7/2013
Location: Lake Superior Hall                            Date of Last Inspection: 11/19/2012
Materials: ☒ Solid                                      Photograph Name : 13-LSH-MH(1/2/3)
           ☐ Particulate  ☐ Liquid
Inspector: Erik J. Larson
Weather: Air Temperature: 60                          Rain: Y  N  Date of Last Rain: 10/05/13  Sunny  Cloudy
Describe drainage area: Paved with curb and gutter
Shared Use: ☒  N  Describe: Housing storage and trash/recycling / housing parking

Physical Observations
Odor: None Other:
Deposits / Stains: None Oily Other: Coming from recycling bin

Vegetation Conditions: Normal Excessive Growth Inhibited Growth Describe:
Describe Work Needed: N/A

Erosion: None Minor Erosion Major Erosion Erosion Protected Y  N
Describe Work Needed: N/A

Potential For Environmental Impact: None Minor Major
Storm Sewer Catch Basins Impacted
Zone 5, ST3350, ST3360, ST3300
Stream Impacted / Outlet Structure: N/A West Branch Tischer Creek ST5630/Eric Clark Pond
Possible Impacts: Trash, debris, and oil spills will find their way into the storm water system and could contaminate
the West Branch of Tischer Creek.

Condition of Environmental Protection Devices: None Good Average Poor
Type of Device: Describe Work Needed: N/A

Additional BMP’s needed: Y  N If so What?

Condition of Area: Good Average Poor Work Needed: Y  N
Describe Work Needed: N/A

Leakage or Runoff: Y  N Describe:
Immediate Work Needed: Y  N Describe:
Next Anticipated Work Date:

Inspection Comments / Recommendations
Comments / Recommendations

Completed      Date
Y  N
Y  N
Y  N
Y  N
Y  N
Y  N

N 46 49.147
W 92 05.240

MPCA Permit Requirements (Annual)
* Note repair, replacement, and/or maintenance
  needed including schedule for completion
* Summarize inspection results for annual report

Printed - 1/29/2014