



## Montgomery Associates, Resource Solutions Construction Site Inspection Report/Erosion Control Checklist

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| <b>Name of Permittee:</b> Rock-Koshkonong Lake District (RKLD)  |  |
| <b>Construction Site (Project) Name:</b> Lake Koshkonong Dredging and Shoreline Restoration Project   | <b>Project ID #:</b> 1453-001  |
| <b>Site Location:</b> Boat Launch at end of North Shore Road, Town of Sumner  | <b>County:</b> Jefferson   |
| <b>Contractor:</b> Badgerland Excavating  | <b>Site Contact Person:</b> Kevin Hahn: 608-333-5607<br>or Tim Van Bommel: 608-354-5442  |
| <b>Name of Individual Performing Inspection:</b> Danielle Lee (MARS): 608-839-4422  |  |
| <b>Date of Inspection (mm/dd/yyyy):</b> 02/18/2013<br><b>Start Time:</b> 10:45 am <b>End Time:</b> 11:45 am   | <b>Type of Inspection:</b> <input checked="" type="checkbox"/> <b>Weekly</b> <input type="checkbox"/> <b>Precipitation Event</b><br><input type="checkbox"/> <b>Other (specify):</b> |
| <b>Weather Conditions:</b> Partly cloudy with light wind, 27°F.   | <b>Rainfall Since Last Inspection (if applicable):</b> 0.01 inches of rainfall since the last inspection on 02/11/2013 (Watertown Airport Weather Station KRVY, Weather Underground) |
| <b>Description of Current Phase of Construction:</b> Construction of the berm is 95% complete and dredging operations are beginning. Due to the warm weather, Badgerland was working on repairing the ice road. Construction barriers and traffic controls are in place, the silt curtain has been placed in the dredging area and dredge placement area, and the geotextile fabric has been placed in the dredge placement area and between the breaker run and rip rap. The tracking pad was laid. Badgerland has utilized ice roads as a perimeter control measure instead of silt sock at the dredge area, as silt socks are no longer practical due to the rising water level. |  |

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| <input checked="" type="checkbox"/> <b>Site activities observed were satisfactory.</b> | <input type="checkbox"/> <b>Site activities observed were NOT satisfactory.</b> |
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| BMP Inspected     | Acceptable | Follow-up Required | N/A | Comments / Observation Number   |
|-------------------|------------|--------------------|-----|---|
| Staging Area      | X          |                    |     | See Observation 1.  |
| Tracking Pad      | X          |                    |     | The tracking pad has been placed over geotextile and appears to be functioning appropriately. See Observation #2.   |
| Silt Sock         | X          |                    |     | Silt sock has not been placed and it is no longer practical to do so because of the rising water level. Instead, the contractor has built an ice road at the dredge area that goes down to the bed of the lake and ties in with the silt curtain for continuous perimeter control. The berm is complete in the dredge placement area and silt sock is no longer necessary. See Observations #3. |
| Silt Curtain      | X          |                    |     | Silt curtain has been placed in the dredging area and in the dredge placement area. It is frozen in place. See Observations #3 and #5.  |
| Grading Practices |            |                    | X   | Not currently in use for the project.   |
| Seeding/Plantings |            |                    | X   | Not currently in use for the project.   |
| Polymer           |            |                    | X   | Not currently in use for the project.   |
| Mulch             |            |                    | X   | Not currently in use for the project.   |
| Erosion Mat       |            |                    | X   | Not currently in use for the project.   |
| Silt Fence        |            |                    | X   | Not currently in use for the project.   |



**Observation #1: Staging Area**

**Location of Observation:** At the end of North Shore Road adjacent to the boat launch.

**Description of Observation:** The construction fencing has been placed and a Road Closed sign is at the entrance. All vehicles and equipment are utilizing the staging area and it appears to be in good condition.



At the entrance of the staging area, looking east.

- Follow-up Required    **Action Items: None**

**Observation #2: Tracking Pad**

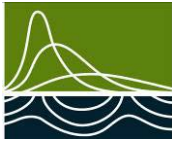
**Location of Observation:** At the end of North Shore Road at the boat launch.

**Description of Observation:** The tracking pad has been placed and appears to be functioning appropriately.



At the tracking pad, looking south.

- Follow-up Required    **Action Items: None**



**Observation #3: Dredge Area**

**Location of Observation:** At the end of North Shore Road along the shore of Lake Koshkonong.

**Description of Observation:** The silt curtain has been placed but is covered by snow and frozen in place. The traffic control measures have been placed around the dredge area. Ice roads to access the dredge site have been built, and some dredge material is stockpiled. The ice roads are also acting as perimeter control as silt socks are no longer practical. There is continuity between the ice road and the silt curtain for a full perimeter. Dredging is on hold until ice road repairs are complete. A small amount of dredge material has been stock piled.



At the staging area, looking south onto the center of the dredge area.



At the staging area, looking west onto the western side of the dredge area.



At Lamp Road, looking SW onto the eastern side of the dredge area.



Close-up of the dredge spoils pile.

- Follow-up Required    **Action Items: None**





**Observation #4: Haul Route**

**Location of Observation:** Along the shore of Lake Koshkonong between the dredge area and the dredge placement.

**Description of Observation:** The crew has completed the ice road and were actively using it for construction. Currently, repairs are being performed as the water level has risen, and ice heaves and cracks have formed.



At the boat launch, looking SW.



Just north of the berm, looking north.



Along the Twin Island Gun Club property, looking south.

- Follow-up Required    **Action Items: None**



Observation #5: Dredge Placement

**Location of Observation:** At the end of the haul route adjacent to Mud Lake.

**Description of Observation:** The silt curtain has been placed but is covered by snow and frozen in place. The traffic control measures have been placed around the dredge placement area. The berm is constructed over geotextile, and the geotextile is also separating the riprap from the breaker run. The berm is about 95% complete with some basic tie in work remaining. There are small stockpiles of stone that will be used to complete the berm construction.



At the south end of the berm looking north onto the dredge placement area.



At the north end of the berm looking south onto the dredge placement area.



At the center the berm looking north.



At center of the berm looking south.



At the north end the berm looking SW at the ice heaves.



At the south end the berm looking at a crack caused by the ice heaves.

- Follow-up Required    **Action Items: None**

**Follow-up on Previously Identified Issues:**

**Previously Identified Issue:** Placing silt sock when necessary. The berm is complete at the dredge placement area, and an ice road is now functioning as perimeter control in the shallower areas at the dredge site.

**Date of issue:** 02/11/2013

**Has the Issue Been Resolved?**  Yes     No     N/A

**If No, explain:** N/A

**Is Further Action Required?**  Yes     No     N/A

**If Yes, explain:** N/A

**Project Correspondence initiated by Monitor:**

| Person Contacted: | Company:              | Title:  | Contact Made Via:         |
|-------------------|-----------------------|---------|---------------------------|
| Kevin Hahn        | Badgerland Excavating | Foreman | phone calls while on site |

**Notes/Comments:**

Discussed that the crew stopped dredging because the first haul truck went through the ice road. They are now going to work on reinforcing the ice road until Wednesday. The water level has risen. Instead of placing silt sock in the shallower areas in the dredge site, the ice road now meets the silt curtain to provide continuous containment. Danielle (MARS) will send Kevin (Badgerland) the detailed benchmark information.