

October 9, 2000

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Project # 5410

RECEIVED

Ms. Joyce Koker, P.E.
Delta Environmental Consultants, Inc.
15700 W. Cleveland Ave.
New Berlin, Wisconsin 53151-3646

RE.: Long-Term Maintenance Plan for the Soil Cover, former Weisenberger Tie and Lumber facility, Marathon City, Wisconsin.

Dear Joyce:

Per your request attached please find a revised maintenance plan for the soil cover installed at the Weisenberger Tie and Lumber site in Marathon City, Wisconsin. This revised plan incorporates methods to address the cover conditions recently observed at the site.

Please feel free to contact us if you need additional information.

Sincerely,

SIGMA ENVIRONMENTAL SERVICES, INC.



Mafizul Islam, P.E.
Senior Project Engineer

/attachment



**WEISENBERGER TIE AND LUMBER
BIOPILE DISMANTLING AND SITE GRADING PROJECT
LONG TERM MAINTENANCE REQUIREMENTS**

Routine inspections of the site's cover are recommended. At a minimum, two inspections per year are recommended: once in early summer after the spring rain season and once in the fall before the first frost. Inspections shall identify any areas of deficient vegetative cover and areas of erosion. Culverts at the site shall also be inspected for build-up of sediment and debris.

Vegetative cover shall be maintained over all areas south of Weisenberger Road which were previously seeded and mulched as part of the biopile dismantling and site grading project. A minimum six inch height of grass shall be maintained. Any areas identified during site inspections as having inadequate vegetative cover shall be seeded and mulched in accordance with the project specifications.

Any areas of localized erosion identified during site inspections shall be immediately repaired. Additional cover material and/or topsoil, meeting the project specifications, shall be applied to localized areas of erosion and the area graded to match surrounding grades. The area shall then have seed and mulched applied in accordance with the specifications for the project.

Localized areas of persistent, on-going erosion shall have erosion control matting applied. First, additional cover and/or topsoil, meeting the project specifications, shall be applied to the localized areas of erosion and the area graded to match surrounding grades. The area shall then be seeded in accordance with the specifications for project. Erosion Control Revegetative Matting (ECRM) shall then be applied. The ECRM shall meet the requirements for a Class II, Type A jute erosion control mat as defined by Chapter 10 of the Wisconsin Department of Transportation (WisDOT) Facilities Development Manual. The ECRM shall conform to Section 628.2.1 of the State of Wisconsin Department of Transportation Standard Specifications for Highway and Structure Construction, 1996 Edition. Erosion control matting shall be placed and anchored in accordance with the manufacturer's recommendations.

Culverts noted as having excessive build up of sediment and debris during site inspections shall be cleared. Sediments removed from the culverts may be used to repair localized areas of erosion. Any debris removed from culverts shall be properly disposed of.