



April 20, 2023

Dan Glynn
City of Stoughton
207 S. Forrest St.
Stoughton, WI 53589

Subject: Approval of Materials Management Plan
Stoughton Dam 200 Riverside Dr., Stoughton, WI
DNR BRRTS Activity #02-13-590904

Dear Dan Glynn:

The Wisconsin Department of Natural Resources (DNR) received a materials management plan (the Plan) to manage contaminated soil under Wis. Admin. Code § NR 718.12 as part of an interim action per Wis. Admin. Code § 708.11. DNR received all applicable technical assistance and database fees for providing review and response, in accordance with Wis. Admin. Code § NR 749.04 (1).

Background:

In February 2020, a Sediment Assessment Report (the Report), dated September 2019 and revised December 2019, for the Stoughton dam impoundment was submitted to DNR. The Report identified sediment impacted by metals, polynuclear aromatic hydrocarbons (PAHs), and insecticides above Wis. Admin. Code § NR 720 Residual Contaminant Levels (RCLs).

In response to the Report, DNR issued a No Action Required determination on February 14, 2020. DNR's response noted that if changes are made to the use of the property, such as removal of the dam and/or redevelopment of the site for park use, site conditions must be re-evaluated and compliance with Wis. Admin. Code § NR 700-754 must be ensured.

The Plan states the existing dam will be modified as part of the Yahara River Park project. Modification of the dam is anticipated to lower the normal elevation of the Yahara River by approximately two feet which will expose contaminated sediment identified in the Report.

The Plan proposes the following actions to address exposed contaminated sediment and redevelop the area:

- Once river elevation has lowered, river rock revetment will be placed around the exposed area of sediment, creating a new riverbank and stabilizing exposed sediment. Native grasses will be planted on the revetment slope.
- Once exposed sediment is sufficiently dry, a soil cap will be installed. The soil cap will be a minimum of 2 feet deep with some areas anticipated to be as deep as 6 to 7 feet. Turf grass will be planted over the cap.
- Once the cap is stable and vegetation is established, a multiuse trail may be constructed, and river access points may be added to the revetment. River access points would be separated from the cap by geotextile fabric. The Plan included preliminary design plans for multiuse trail and river access points.

DNR Response:

DNR approves of the Plan subject to the following conditions:

1. The design for the Yahara River Park project has not yet been finalized. Should any design modifications to the Yahara River Park project affect this Plan, DNR should be notified, and a revised Plan should be prepared for review and approval prior to implementing the design.
2. Soil that will be used for the cap shall be characterized prior to capping to ensure it will not pose a potential risk to human health or the environment.
3. Any hazardous substance discharge discovered during redevelopment activities must be reported to DNR following the requirements of Wis. Admin. Code ch. NR 706.
4. Contaminated soil management activities approved by this letter are scheduled to be completed by spring or summer 2024. Notify the DNR if this schedule will change.
5. The City of Stoughton is responsible for obtaining any local, federal or other applicable state permits to carry out the project.
6. A documentation report of contaminated soil management activities shall be provided within 90 days of the completion of this project. The documentation must comply with the requirements of Wis. Admin. Code § NR 724.05 (2) and § NR 724.15 (3). Documentation must include:
 - a. As-built plan sheets documenting compliance with the above conditions of approval;
 - b. A narrative description of how the above conditions were accomplished including relevant documentation;
 - c. Color photographs documenting construction aspects address in this approval;
 - d. Documentation of soil placement activities. The report shall include the source and total volume of soil used for capping and soil analytical results;
 - e. A revised cap maintenance plan, if needed; and
 - f. A letter under the seal of a professional engineer registered in the State of Wisconsin certifying that the project has been constructed in substantial compliance with the above conditions and explaining any deviations from the approved Plan.

DNR provides this approval under the Remediation and Redevelopment Program, and it applies only to those activities described above. Please continue to work with other applicable DNR programs for other applicable aspects of the Yahara River Park project.

DNR reserves the right to require the submittal of additional information or to modify or revoke this materials management plan approval if you do not comply with the requirements of the proposed materials management plan. DNR also retains its right to modify or revoke this approval if circumstances or conditions change, or if new information is found which would warrant modification or revocation of this approval.

DNR appreciate your efforts to protect the environment at this site. If you have any questions regarding this letter, please contact Luke Lampo at (608) 206-5809 or Luke.Lampo@wisconsin.gov.

Sincerely,

A handwritten signature in black ink, appearing to read 'Luke Lampo', with a stylized flourish at the end.

Luke Lampo
Hydrogeologist
Remediation & Redevelopment Program

cc: Luke Hellermann, Strand Associates, Inc.