



LOWER MINNESOTA RIVER WATERSHED DISTRICT

Executive Summary for Action

Lower Minnesota River Watershed District Board of Managers Meeting
Wednesday, October 21, 2020

Agenda Item

Item 6. E. - Dredge Management

Prepared By

Linda Loomis, Administrator

Summary

i. Vernon Avenue Dredge Material Management site

Construction on the dredge project began the last week of September and is continuing. The project has gone relatively smoothly. A synopsis of the project can be found at the end of the Engineers report. I have pulled those pages out of the report and they are attached to this memo. The contractor expects to complete the project by the end of next week. Barr Engineering has been on site and kept record of the construction with lots of photos

ii. Private Dredge Material Placement

CHS, Cargill and Savage Riverport all needed to conduct additional dredging of their terminals in order to fully load barges. LS Marine and the Meyer Construction have worked together to accommodate the terminal operators.

Attachments

Update on construction project at dredge site.

Recommended Action

No action recommended

RE: LMRWD Dredge Site / Construction Update 2

Joe J. Waln <JWaln@barr.com>

Fri, Oct 16, 2020 at 4:36 PM

To: "Patrick E. Brockamp" <PBrockamp@barr.com>, "Mark Quast (mquast@meyerci.com)" <mquast@meyerci.com>, Mark Conte <mconte@meyerci.com>, Michael Peitz <mpeitz@meyerci.com>, Verlyn Schoep <vschoep@meyerci.com>, "Imol@meyerci.com" <Imol@meyerci.com>, Terri Dill <TDill@cityofsavage.com>, Taylor Luke <TaylorL@lsmarine.com>, "della@youngceg.com" <della@youngceg.com>, Linda Loomis <naiadconsulting@gmail.com>, "Jesse Carlson - City of Savage (JCarlson@ci.savage.mn.us)" <JCarlson@ci.savage.mn.us>, "John P. Hanson" <JHanson@barr.com>, "Eric J. Brandner" <EBrandner@barr.com>, Scott Peterson <speterson@meyerci.com>, "Eric J. Ludwig" <ELudwig@barr.com>, Amanda Ramnandon <aRamnandon@barr.com>

Construction Activities This Week and Last Week:

- Meyer continued excavation and berm construction, prioritizing cell 1.
- Meyer worked with Barr geotechnical staff to address water management in excavations on cell 1.
- Field Order 2 was issued to clarify grading around the north side of cell 1 and construction requirements for the northeast side of cell 2.
- Field Order 3 was issued to clarify and revise where topsoil will be placed and some minor adjustments to the gravel access road extents.
- Meyer has placed most of the topsoil per field order 3 already and anticipates a slight overrun in quantity.
- Meyer has been coordinating with LS Marine regarding completion date and access to cell 1.
- The owner, Barr, Meyer, and LS Marine met on site to discuss resumption of dredging activities. Meyer to assist LS Marine with minor earth moving needed to set up dredging equipment in northwest corner of the site.
- Proof roller did not pass for road subgrade because of high soil moisture. Meyer will place 4 to 6 inches of 3-inch minus rock beneath the 6-inches of class 5 aggregate for the roadway surface. The addition of 3-inch minus rock will be a change in scope.
- Meyer to coordinate with LS Marine to not attempt vegetation establishment in areas that will just be torn up during dredging operations in the northwest corner of the site.

Construction photos are available here: <https://www.dropbox.com/sh/fe1zj0x7sfwfzrn/AADkpoKLuloNtGKrBPQbMMATa?dl=0>

Construction Activities for Next Week:

- Finish grading, roadway construction, and bank stabilization. Meyer expects to be substantially complete with the work by the end of next week.

Joe J. Waln, PE

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From: Patrick E. Brockamp <PBrockamp@barr.com>

Sent: Friday, October 2, 2020 17:04

To: 'Mark Quast (mquast@meyerici.com)' <mquast@meyerici.com>; 'Mark Conte' <mconte@meyerici.com>; 'Michael Peitz' <mpeitz@meyerici.com>; 'Verlyn Schoep' <vschoep@meyerici.com>; 'lmol@meyerici.com' <lmol@meyerici.com>; 'Terri Dill' <TDill@CityofSavage.com>; 'Taylor Luke' <TaylorL@LSMarine.com>; 'della@youngceg.com' <della@youngceg.com>; 'Linda Loomis' <naiadconsulting@gmail.com>; 'Jesse Carlson - City of Savage (JCarlson@ci.savage.mn.us)' <JCarlson@ci.savage.mn.us>; Joe J. Waln <JWaln@barr.com>; John P. Hanson <JHanson@barr.com>; Eric J. Brandner <EBrandner@barr.com>

Subject: LMRWD Dredge Site / Construction Update

Dredge Site Team,

Construction Activities This Week:

- Notice to Proceed was issued to Meyer on Monday 9/28
- Meyer completed drone topo of the site to document existing conditions
- Earthwork activities began with the re-location of the existing sand stockpile
- A portion of the berm footprint on the south side of Cell 1 was opened up for inspection of subgrade – Meyer encountered groundwater and soft subsoil
- Barr and Meyer met on-site to inspect and review subgrade and discuss groundwater concerns
- Field Order #1 was issued to clarify berm construction on the south side of Cell 3 – test pit verification of in-place materials allows for placement of berm fill on existing material, reducing subcut and minimizing impacts to adjacent wetland. The field order also revised the specified allowable fines content for berm fill due to further testing of on-site materials
- Perimeter silt fence was completed on Thursday 10/1
- Change Order #1 was sent to Meyer for review – this Change Order would extend the Final Completion date until June 18, 2020 to allow for restoration and vegetation establishment.
- Geotech observation has been ongoing to inspect subgrade, density testing, and moisture testing on portions of cell 1 berm
- Meyer will work tomorrow Saturday 10/3 – Barr Geotech will be on-site

Construction Activities for Next Week:

- Continue earthwork and cell 1 berm construction

A few construction photos are attached,

Thank You

p.s. Let me know if anyone should be added or anyone would like to be taken off the list for email updates.

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