

**Prior Lake-Spring Lake Watershed District,
City of Prior Lake, City of Shakopee & Shakopee Mdewakanton Sioux
Community JPA/MOA Special Meeting
PLSLWD Conference Room
Monday August 17, 2009
1:30- 3:30 PM**

Prior Lake Outlet Channel

MOA Cooperators Present: Bruce Loney, City of Shakopee
Jeff Weyandt, City of Shakopee
Steve Albrecht, City of Prior Lake

PLSLWD Managers Present: Craig Gontarek, Roger Wahl, Larry Mueller

PLSLWD Staff Present: Michael Kinney, District Administrator
Joshua Mankowski, District Technician
Stacy Sass, Water Resources Technician
Ed Matthiesen, District Engineer, Wenck Associates

Others Present: Andy Selle, Inter-fluve (present by telephone)
Emily Javens, Scott SWCD
Terry Schwalbe, Lower MN River Watershed District

1. CALL TO ORDER. Meeting called to order by Administrator of the Prior Lake-Spring Lake Watershed District, Mike Kinney at 1:35 pm.
2. APPROVAL OF AGENDA.
3. APPROVAL OF MARCH 27, APRIL 30, AND MAY 13, 2009 MINUTES. Bruce Loney moved to accept the minutes. Second by Steve Albrecht. All ayes.
4. INTER-FLUVE 100% CHANNEL DESIGN APPROVAL.

Administrator Kinney opened the meeting stating that due to a schedule conflict Stan Ellison was unable to attend the meeting and that no SMSC representative was present. Administrator Kinney said that Stan Ellison verbally approved the 100% channel design plans by telephone to him this morning and that Mr. Ellison will follow up with a written confirmation of his approval to all cooperators tomorrow.

Administrator Kinney explained that the 100% designs only include Segments 2, 3, and 7 and that due to easement difficulties and potential for holding the whole project back, Segment 4 has been pulled. He stated that a portion of the channel in Segment 4a is beginning to meander outside the current easement and in order to prevent further movement of the channel outside the easement the whole stretch would need to be hard armored. Hard armoring would be considerably more expensive than obtaining additional easements and utilizing other

stabilization treatments and allowing the bank to meander naturally. Administrator Kinney will work with property owners to try to obtain necessary additional easements and hopes to have the issues resolved soon with hopes to complete the work on Segment 4 yet this fall as well.

Andy Selle, of Inter-fluve, explained to the cooperators that the 100% designs have not changed much since the 90% designs and that the majority of the changes were in Segment 4, which has not been pulled from these plans. He explained that the changes in Segments 2, 3, and 7 relate to added detail including delineated access points, staging areas and other construction details.

Ed Matthiesen presented the proposed timeline for bidding and construction. He stated that the bid documents will include the front end documents from the Outlet Structure project, which will be finalized tomorrow, and the technical portion will come from Inter-fluve, which should be complete shortly as well. After those two parts are complete, the bid package will be ready to go and will be noticed next week in both the Construction Bulletin and in the *Prior Lake American* newspaper. Bidding will be for three weeks, and with bid opening, contract signing, and mobilization taking another two to three weeks, an estimated construction start time is early October.

Administrator Kinney requested comments from the cooperators on the 100% designs.

Segment 2- There was discussion regarding sediment filling in the proposed pools in Segment 2 and the need for a permanent access point to be established to ensure ability to clean out any potential sedimentation in the pools and at the interface of the channel and Pike Lake. Mr. Albrecht stated that the City of Prior Lake plans to install a nature trail in that area and it would not be a problem to incorporate a cleared area near the interface with Pike Lake large enough for necessary access with machinery.

Segment 3- There were no comments on Segment 3.

Mr. Matthiesen asked if Inter-fluve was planning to field stake the treatments prior to the pre-bid contractor site viewing. Mr. Selle confirmed that Inter-fluve will have the locations staked and that Inter-fluve will be present at the pre-bid viewing. Inter-fluve will also be on site during construction to provide oversight.

Mr. Albrecht asked about restoration of access roads post construction due to the access on Segments 2 and 3 being private driveways. Mr. Selle stated that it is listed in the project specifications that all ingress and egress access must be maintained during the construction and that access roads must be restored to their original state. He will review the language and ensure it is adequately addressed.

Segment 7- Administrator Kinney asked Mr. Loney if the project could be accessed via City of Shakopee property on the east side of the channel. Mr. Loney confirmed that access is available and that it is sufficient for large machinery. Administrator Kinney will keep the property owner on the west side of the channel informed and obtain any access permission as needed. Mr. Loney requested that to keep the Metropolitan Council informed of the work in Segment 7 due to the proximity to their sewer interceptor. There was discussion regarding the vegetation planned for the soil lifts and the planned maintenance period for vegetation. Language in the project specifications will be reviewed to incorporate a separate payment for vegetation maintenance.

Mr. Albrecht made a motion for staff to make final changes to the 100% channel designs and proceed with the bidding and project construction. Second by Mr. Loney. All ayes.

5. INTER-FLUVE CHANNEL MONITORING PLAN REVIEW.

Administrator Kinney presented the sediment monitoring plan as created by Inter-fluve. The plan was drafted after concern was raised regarding sediment transport and overall long term monitoring during a previous meeting. The goals of the plan were to monitor sediment loads and changes over time to both restored areas and unrestored areas. Mr. Matthiesen thought that the cross sections and the water quality data for the sole purpose of obtaining sediment data would be excessive for this type of project. He would recommend tracking flows with a pressure transducer and elevations with staff gauges in the channel, as well as completing a photo log over time.

Mr. Loney reiterated that Shakopee would like to have data to show that sediment loads are being reduced into Dean Lake and throughout the channel. He said he appreciates the plan as a scientific study but would rather have more immediate observations and results. Administrator Kinney agreed that the sampling was excessive and proposed selective cross sections, continued synoptic monitoring and more frequent field observations of the channel. Emily Javens proposed taking an annual inventory of the channel using a stability index and a photo log. Preconstruction data could be obtained from the observations Inter-fluve made last winter. It was decided that the monitoring plan would be changed and brought back for discussion at a later meeting.

Administrator Kinney gave an update on the other channel segments. He discussed the need for a wider easement in Segment 4a in order to properly address channel migration. He stated that there has been no progress made with Segment 4b and that he has made several attempts to work with the property owner to resolve the issue. Easements and legal descriptions in Segments 5a and 5c are still in the works. The easement documents for Segment 7b are being reviewed for accuracy as there was recent confusion of whether the legal description was written off of a legal survey or only GPS points. Administrator Kinney presented to the cooperators that the County will be replacing the culverts on Highway 101 and after review of the design by Inter-fluve it was determined that Segment 7b will likely need work in the future as a result of the culvert changes. He requested comment on how to handle these situations in the future. Mr. Albrecht suggested that it be handled as part of the permitting process that an upstream and downstream analysis be completed. Administrator Kinney stated that the District is in the process of reviewing a permit application for the project and that he will let the cooperators know the outcome.

Administrator Kinney informed the cooperators of an opportunity to work with Great River Greening on vegetation work on the channel. He will continue communication with them and pursue the grant opportunity as part of the Metro Conservation Corridor Partnership.

Mr. Loney motioned to adjourn the meeting. Seconded by Mr. Albrecht. Meeting adjourned at 3:05 PM.