



LOWER MINNESOTA RIVER WATERSHED DISTRICT

July 2020 Administrator report
From: Linda Loomis, Administrator
To: LMRWD Board of Managers

In addition to items on the meeting agenda, work continues on the following District projects and issues:

Other Work

Auto World Chanhassen

There is an auto salvage yard on the south side of Flying Cloud Drive in the City of Chanhassen. The owner of the property passed away earlier this year. The property was subsequently taken over by the State of Minnesota for no-payment of property taxes. The heirs of the property owner paid the property taxes owed on the property with the stipulation that the property get cleaned up. The owners are required to perform a phase II environmental investigation of the property and to survey the property to make sure they are within the property boundaries. The owners intend to continue operating the site as a salvage yard in compliance with the district court decision.

Upgrala Gun Club

The owner of the land that is used by Upgrala Gun Club in Eden Prairie contacted the LMRWD. He is interested in selling the land to an interested party. He had tried to convey the property to the US Fish & Wildlife Service, however they were not able to put a deal together. He is now working with BWSR and they have advised him to put the land into an NRCS program.

Most of the parcels of land are in the MN River floodplain. He has been allowing Sever Peterson to farm the parcels; however, crops have been flooded out more often than not in recent years, so little income has been realized and the taxes keep going up. The owner would like to transfer ownership so that he does not have to pay taxes any more.

Watershed Based Funding

The Minnesota River North group will hold its 3rd meeting July 14, 2020. The group is working on setting priorities for project funding in order to determine how funds will be allocated. Lower MN River North has been allocated \$673,699 for FY 2020/2021.

The Minnesota River South group will hold its 4th meeting Jul23, 2020. This group too, is working on setting priorities for project funding. Lower MN River South has been allocated \$829,075 for FY 2020/2021.

One Watershed One Plan - Planning Area 56

Le Sueur County has received the Resolution adopted by the LMRWD Board of Managers regarding the LMRWD's participation in the One Watershed One Plan process for Area #56. A meeting has been scheduled for 1:00pm on Wednesday July 15, 2020. The purpose of this meeting will be to determine the area that is included in the planning area.

Watershed District Signage

Manager Salvato inquired about signage that she has observed in other watershed districts. Other WD place signs on streets crossing creeks and some place signs at the watershed boundaries. Since all roadways crossing the MN River are State Highways, I did some checking with MNDOT. I did not get a very definitive response from them. They seemed to indicate that there would not be a problem putting signage identifying the MN River, however, they didn't say whether or not it could also have the Watershed District identified. Before spending a lot more time investigating what other watershed districts do, I thought I should check in with the Board. This can be an item for discussion with the 2021 budget discussion.

Trout Stream Restoration

On May 22nd, Della Young and I chatted with Representatives from Trout Unlimited. Trout Unlimited proposed a project to restore a trout stream in Dakota County. Since then Della and I had an opportunity to visit with Mark Nemeth of DNR Fisheries. Mark is very familiar with the trout streams within the boundaries of the LMRWD. He was not sure the value of restoration of the trout stream identified by Trout Unlimited, however, we did speak in general about the trout streams and agreed to meet with Mark again and other DNR Fisheries staff to talk about LMRWD trout streams; similar to the work the LMRWD did with the DNR on the calcareous fens. We plan to meet virtually, July 28th at 1:00pm. Future information will be reported under the Geomorphic Assessment Project.

Technical Assistance for Residents in Hennepin County

The LMRWD has agreements to provide technical services to residents in Carver, Dakota and Scott Counties. The Soil & Water Conservation Districts are able to provide this service and bill the LMRWD based on time and expenses. Hennepin County does not have a Soil & Water Conservation District. When residents of the LMRWD that live in Hennepin County call the District looking for advice, the District has no one to refer them to. I have had discussions with Hennepin County's Department of Natural Resources and we are looking at entering into an agreement with the County to provide services to Hennepin County residents that live in the LMRWD. Lately, I have had two residents of Bloomington call to ask for resources. Both live on the bluffs of the Minnesota River and are looking for information about removing invasive species and managing the steep slopes. The agreement will come to the Board for approval once it is ready.

Watershed Plan Projects

Gully Inventory and condition assessment: Interns have been documenting gullies and ravines in the LMRWD. They have used the 2007 gully inventory as a basis for the work this summer. The previous inventory did not document any ravines or gullies on the south side of the river. This will be part of the budget discussion. The interns are planning to make a presentation of their findings to the Board at the August meeting.

Project website: <http://lowermnriverwd.org/projects/mn-river-corridor-management-project>

Eden Prairie Area #3 Stabilization - LMRWD staff submitted an application for an Opportunity Grant from Hennepin County for this project. The amount of the grant requested was \$100,000. This project has been added to the LMRWD website.

Project website: <http://lowermnriverwd.org/projects/mn-river-corridor-management-project>

Riley Creek Cooperative project/Lower Riley Creek restoration: No new information since last update.

Project website: <http://www.rpbcwd.org/whats-happening/projects/lower-riley-creek-ecological-restoration>

Seminary Fen ravine stabilization project: The 2020 legislative session ended without an environmental bill having passed. A second special session has been called and began this week. As was report in the June Administrator's report staff visited the site during the field training with the interns and found silt

fence still in place. The City has been notified, but no response has been received.

Project website: <http://lowermnriverwd.org/projects/bwsr-clean-water-fund-grant-administration>

East Chaska Creek: (Carver County Watershed Based Funding): Staff is planning to meet on site with the contractor and City staff on July 22nd at 1:00pm.

Project website: <http://lowermnriverwd.org/projects/east-chaska-creek-bank-stabilization>

Schroeder Acres Park (Scott County Watershed Based Funding): No new information since last update.

Project website: <http://lowermnriverwd.org/projects/schroeder-acres-parkeagle-creek-sub-watershed-stormwater-study>

Shakopee Downtown BMP Retrofit (Scott County Watershed Based Funding): The City of Shakopee informed the LMRWD that they have an opportunity to install a BMP in downtown Shakopee at the Scott County Government Center. The City has said the BMO will provide regional treatment to an area of the City that has virtually no treatment currently. They did do a feasibility study separate from the grant and identified two good projects. They pursued one of the options last year and bid it as an alternative to the County project. However, they did not get a good bid. Based on the schedule for the County project they were not able to rebid that project. They are at the 90% design point on the second project. The County project will disturb less than one acre and is not in a High Value Resource Area or the Steep Slope Overlay Zone, so a LMRWD permit is not required.

Project website: <http://lowermnriverwd.org/projects/targeted-bmps-downtown-shakopee>

PLOC (Prior Lake Outlet Channel) Restoration (Scott County Watershed Based Funding): No new information since last update.

Project website: <http://lowermnriverwd.org/projects/prior-lake-outlet-channel-realignmentwetland-restoration>

Dakota County Fen Gap Analysis and Conceptual Model (Dakota County Watershed Based Funding):

This project is complete. The final report has been issued and can be found on the project website. We are working with Dakota County to finalize the grant reporting and request funding. Since the report was finalized, Barr Engineering, on behalf of the LMRWD is completing work on the relevé.

Project website: <http://lowermnriverwd.org/projects/dakota-county-fen-study-management-plan>

Hennepin County Chloride Project (Hennepin County Watershed Based Funding): No new information since last update.

Vegetation Management Plan: No new information since last update.

Sustainable Lake Management Plan: Trout Lakes: The LMRWD has received a study the City of Shakopee commissioned to manage the water level of Quarry Lake. Staff is in the process of reviewing the study.

Geomorphic Assessment of Trout Streams: Reported above.

Spring Creek Cost Share: Barr Engineering has been asked to complete an assessment of the hydrology of the Spring Creek Watershed, including potential future development as proposed in the [September 6, 2019 Spring Creek assessment Summary](#).

West Chaska Creek Re-meander: No new information to report since last update.

Seminary Fen Ravine Restoration Area C2: No new information to report since last update.

Project Reviews

Carver County CSAH 10: City of Chaska - This project is a Carver County Project within the City of Chaska. CSAH 10 is also called Engler Boulevard. The County is planning a transportation improvement project for CSAH 10 from the City of Victoria to its intersection with CSAH 61 in Chaska. LMRWD staff

met with the Carver County and its consultants and the District has reviewed the proposed plans. LMRWD comments can be found at: http://lowermnriverwd.org/download_file/1502/0

Project website: <https://www.co.carver.mn.us/departments/public-works/projects-studies/highway-10-study-victoria-chaska-area>

Water Treatment Expansion Project: City of Carver - this project is comprised of two projects; 1) an expansion of the City's water treatment plant to accommodate growth and 2) improvements to the City's municipal water distribution system to serve newly developing areas of the City. The second component includes areas that fall within the Carver County Water Management Organization (CCWMPO) boundaries. LMRWD staff has been working with consultants for the City and staff from the CCWMO to permit this project and are planning a meeting to discuss the project.

Vierling Industrial: City of Shakopee - This project was reviewed by the District and comments were sent to the city on July 6th. LMRWD comments can be found at: http://lowermnriverwd.org/application/files/8515/9475/4768/LMRWD_VierlingIndustrial_IndividualPermitReview_2020-06-30.pdf

Keyland Development: City of Shakopee - This is a new residential development in Shakopee. LMRWD attended the field inspection for the wetland delineation on June 16, 2020. Staff report can be found at: http://lowermnriverwd.org/application/files/6815/9475/4936/LMRWD_Keyland_NOA_2020-06-24r.pdf

Hentges Industrial park: City of Shakopee - This is a new industrial development planned in Shakopee. LMRWD attended the field inspection for the wetland delineation on June 16, 2020. Staff report can be found at: http://lowermnriverwd.org/application/files/1415/9475/5106/LMRWD_Hentges_NOA_2020-06-24r_1.pdf

9960 Deerbrook, Chanhassen: No new information to report since last update.

Beech Street Bridge replacement: Chaska - No new information to report since last update.

Summerland Place Residential Development EAW: Shakopee - No new information since last update.

Timber Creek Residential Development EAW: Carver - No new information to report since last update.

MNDOT TH13 Improvement Study: The State of Minnesota is holding two meetings for the Business Advisory Group on July 22 and July 23. I have registered to attend the meeting on July 23rd. LMRWD has been waiting for stormwater plans from MNDOT.

Project website: <http://www.dot.state.mn.us/metro/projects/hwy13savageburnsville/index.html>

Historic Fort Snelling Revitalization: The LMRWD received notification on July 2nd that construction on this project is expected to begin.

Project website: <https://www.dnr.state.mn.us/input/environmentalreview/upperpost/index.html>

HCRRRA MN River Bluffs Regional Trail: The LMRWD has approved the permit for this project. The permit can be found at:

http://lowermnriverwd.org/application/files/6815/9475/5467/LMRWD_Individual_Permit_2019-185.pdf

MNDOT ADA Trail improvements in Mendota: No new information since last update.

MNDOT trail drainage improvements in Lilydale: No new information since last update.

MNDOT Trail - 494: No new information to report since last update.

MNDOT - TH5: No new information to report since last update.

Project website: <http://www.dot.state.mn.us/metro/projects/hwy5mpls-stpaul/index.html>.

City of Chanhassen - Moon Valley Gravel Pit: No new information to report since last update.

City of Carver - Hawthorne Ridge: This is a project that the LMRWD was made aware of in July of 2018 when the district was notified of the wetland delineation. In May of 2019, the LMRWD was again consulted when the City was looking for information regarding the District's standards. The LMRWD requested information, which was not provided until recently. LMRWD staff has reviewed the stormwater plan and staff comments can be found at:

http://lowermnrivewd.org/application/files/2815/9475/4124/LMRWD_HawthorneRidge_2020-07-13.pdf

City of Burnsville - Quarry Property, LLC - No new information on this project since last update.

City of Carver - Levee rehabilitation: No new information to report since last update.

City of Carver - Jonathan Parkway upgrades - LMRWD staff joined a virtual discussion for this project. The stormwater plan will not have any impact to the LMRWD. Stormwater will be piped down the slope to a pond the will lie within the Carver County Water Management Organizations boundaries.

Project website: <https://www.co.carver.mn.us/departments/public-works/projects-studies/jonathan-carver-parkway-highway-11-improvements>

City of Burnsville - CenterPoint Energy Training Facility - No new information on this project since last update.

City of Burnsville -5337 Properties, LLC: No new information on this project since last update.

City of Burnsville - Freedom Enterprises, LLC: No new information on this project since last update.

City of Burnsville - Industrial Equities - 250 River Ridge Circle North: - No new information on this project since last update.

City of Burnsville - United Properties - 12400 Dupont Avenue North: No new information on this project since last update.

City of Burnsville - Kraemer Mining: No new information to report since last update.

Dakota County - MN River Greenway: This project is moving ahead. The LMRWD has received requests for information regarding the limits of the fens in order to determine how this project will impact the fens. Project website: <https://www.co.dakota.mn.us/parks/About/TrailPlanning/Pages/minnesota-river.aspx>

City of Shakopee - Jackson Township AUAR: No new information to report since last update.

City of Burnsville - CenterPoint Energy Lyndale Valve Replacement Project: No new information to report since last update.

City of Eden Prairie - C. H. Robinson: No new information to report since last update.

City of Burnsville - Freeway Dump and Landfill: LMRWD met with the MPCA and consultants for this project on June 18, 2020. The topic of discussion was whether or not the project would need a permit from the LMRWD, whether or not the resulting new landfill should be considered impervious or not and how this project will impact the MN River floodplain. We are planning to meet again at 1:00pm on July 21, 2020. The project will need a permit from the LMRWD since Burnsville has not been approved for a municipal permit yet. The City is requiring the project to provide a no-rise certification. Decisions have not yet been made regarding the other two questions. Project website:

<https://www.pca.state.mn.us/waste/freeway-landfill-and-dump>

Note: This project was previously reported as the Burnsville Sanitary Landfill. There are two landfill projects going on in Burnsville. The one reported on this month is a cleanup of a super fund site - Freeway Dump and Landfill. The second landfill project is a request from the Burnsville Sanitary Landfill (owned by Water Management) to expand the amount of waste that it can bring to the site.

City of Eden Prairie - Peterson Wetland Bank: No new information to report since last update.

City of Chanhassen - TH 101 Improvements: LMRWD staff met on site with the project manager and staff from the City of Chanhassen (which is the LGU) and Carver SWCD. We toured the site and everything was pretty much in order. There was one area near Bluff Creek where sediment seemed to be traveling off site. The Carver SWCD has been retained by the City to conduct periodic inspections of the site for compliance with the NPDES permit. LMRWD staff discussed having the SWCD share their inspections with the District, rather than have LMRWD inspectors duplicate work already being done. The most recent inspection report is attached. Project website: <https://www.highway101improvements.com/>

Cities of Richfield/Bloomington - TH 77 & 77th Street underpass: No new information to report since last update.

City of Bloomington - MN Valley State Trail: No new information to report since last update. Project website: https://www.dnr.state.mn.us/state_trails/minnesota_valley/plans.html

Hennepin County - CSAH 61/Flying Cloud Drive: No new information to report since last update.

MNDOT - I494/TH 5/TH 55 Mill & Overlay project: No new information to report since last update. Project website: <https://www.dot.state.mn.us/metro/projects/i494invergroveheights/>

MNDOT - I35W Bridge Replacement: No new information to report since last update. Project website: <https://www.dot.state.mn.us/metro/projects/i35wbloomington/index.html>

MNDOT - I494 from TH169 to Minnesota River: No new information to report since last update.

Scott County - TH 41/169/78 Interchange: No new information to report since last update. Project website <https://www.scottcountymn.gov/1778/Highways-1694178-Interchange?PREVIEW=YES&PREVIEW=YES&PREVIEW=YES&PREVIEW=YES>

City of Shakopee - Amazon Fulfillment Center drainage: No new information to report since last update.

MAC/LMRWD/MCWD boundary realignment: No new information to report since last update.

Fort Snelling - Dominion Housing: LMRWD staff received a communication from the engineer for this project that it is moving forward. The proponent was notified that they will now need to get a permit from the LMRWD. Staff has not received any response. The DNR's website for this project is <http://www.dnr.state.mn.us/input/environmentalreview/upperpost/index.html>.

USACOE/USFWS - Bass Ponds, Marsh & Wetland: The Corps of Engineers has bid this project. The [Star Tribune](#) carried an article about the project. Project website: <https://www.scottcountymn.gov/1865/Bass-Ponds-EAW>

Upcoming meetings/events

- UMWA - Thursday, July 16, 12:30pm to 1:30pm, check with District Administrator to join
- Metro MAWD - Tuesday, July 21, 2020, 7:00pm Capitol Region Watershed District (no word yet on whether or not it will be virtual or cancelled)
- [2020 Salt Symposium](#) - August 4, 2020 8:30am & August 5, 2020, 7:30am streamed live on-line
- USACE River Resource Forum #117 - August 25-26, Savage City Hall
- USACE River Resource Forum #118 - December 1-2, MN Valley US Fish & Wildlife Service Visitor's Center, Bloomington, MN

NPDES Inspections

Submitted by: chentges@co.carver.mn.us_carver

Submitted time: Jul 1, 2020, 11:51:02 AM

Inspection Date

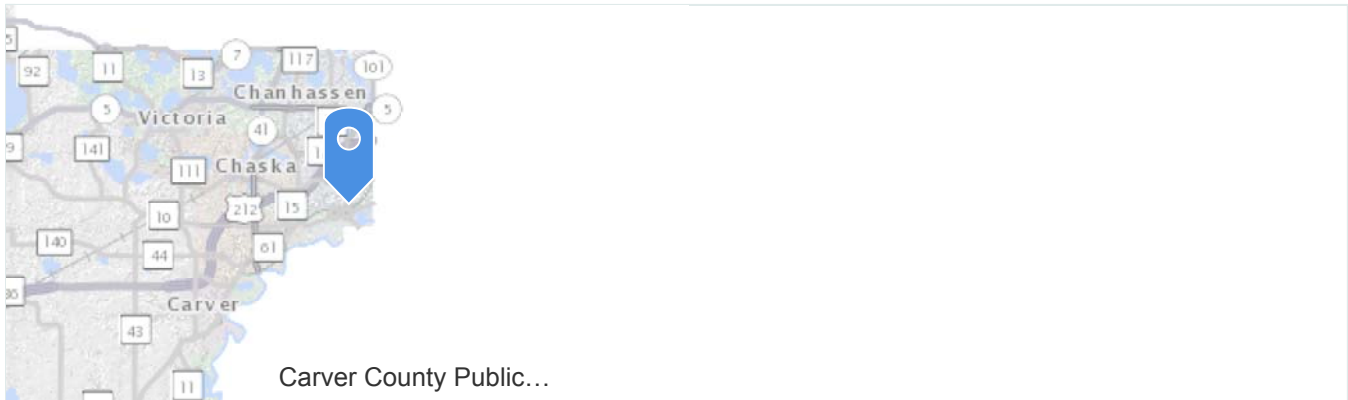
Jul 1, 2020

Project Name

CSAH 101 Improvement

Project Location

Lat: 44.81567 Lon: -93.53705



City

Chanhassen

Preferred ID

C00056158

Inspector

Chip Hentges, Carver SWCD, 952.466.5230

Weather Conditions

Partly Cloudy

Site Conditions

Saturated

Comments

Project took on a severe rain event from 6/ 28/29th. Overall project took the storm very well. Areas of concern is the ravine that flows to the west off the project site and down on the bottom where it leaves through the surface ditch to the east.

Status: Permit Coverage (Minn. R. 7090.2010)

Compliant

Status: EC1 Exposed Soils (Permit Part IV.B.2)

Under Review

Inspection Result: EC1 Exposed Soils

Contractor will need to touch up some areas that have exposed soils that have not been touched for 7 days and will not be disturbed in the near future

Corrective Action: EC1 Exposed Soils

Stabilize all areas that will not be disturbed as indicated above.

Add photo pertaining to EC1 Exposed Soils



field_102-7f966f9e1caf43409616ac794d4e37ec.JPG

Status: EC2 Ditch Bottoms (Permit Part IV.B.3)

Non Compliant

Inspection Result: EC2 Ditch Bottoms

Ditch bottom on bottom end that drains water to the east that leaves the site must be stabilized with blanket

Corrective Action: EC2 Ditch Bottoms

Stabilize ditch bottom immediatly

Add a photo pertaining to EC2 Ditch Bottoms



field_34-16905c375b63444f97987f130fad99a2.JPG

Status: EC3 Energy Dissipation (Permit Part IV .B .4)

Not Inspected

Status: SC1: Perimeter Control (Permit Part IV .C .2) & M1: Perimeter Control Maintenance (Permit Part IV .E .4 .a)

Under Review

Inspection Result: SC1 Perimeter Control & M1 Perimeter Maintenance

In areas where perimeter controls did not hold up and or did not function as planned, will need to be upgraded.

Corrective Action: SC1 Perimeter Control & M1 Perimeter Maintenance

All perimeter controls that failed will need to be upgraded. Bio logs and Silt fence are not options in a redundant form. Rock, Berms and or other means or methods should be installed.

Add a photo pertaining to SC1 Perimeter Control & M1 Perimeter Maintenance



field_25-84e7858695c943c18ba2bf64a84f18b6.JPG

Status: SC2: Inlet Protection (Permit Part IV .C .4) & M2: Inlet Maintenance (Permit Part IV .E .4)

Not Inspected

Status: SC3: Vehicle Tracking (Permit Part IV.C.6) & M3: Sediment Tracking (Permit Part IV.E.4.d)

Under Review

Inspection Result: SC3 Vehicle Tracking & M3 Sediment Tracking

Maintain street sweeping as required

Status: SC4: Stock Piles (Permit Part IV.C.6)

Not Inspected

Status: SC5: Dewatering (Permit Part IV.D)

Compliant

Status: SC6: Temporary Sediment Ponds (Permit Part III.B)

Not Inspected

Status: SC 7: Infiltration Areas (Permit Part IV.E.5)

Not Inspected

Status: SC8: Other Sediment Controls (Permit Part IV.C.1)

Not Inspected

Status: P1: Solid Waste (Permit Part IV.F.1)

Not Inspected

Status: P2: Hazardous Materials (Permit Part IV.F.2)

Not Inspected

Status: P3: Concrete Washout (Permit Part IV.F.4)

Not Inspected

Status: SW1: Discharges to Surface Waters (Minn. R. 7050.0210)

Not Inspected

SW2: Removal of Sediment from Surface Waters (Permit Part IV.E.4.c.)

Not Inspected

Status: D1: Stormwater Pollution Prevention Plan (Permit Part III.D)

Compliant

Status: D2: Stormwater Pollution Prevention Plan (Permit Part III.A)

Compliant

D3: Inspection and Maintenance Records (Permit Parts III.D & IV.E)

Compliant

Overall site status

Compliant