



LOWER MINNESOTA RIVER WATERSHED DISTRICT

Executive Summary for Action

Lower Minnesota River Watershed District Board of Managers Meeting
Wednesday, November 16, 2022

Agenda Item

Item 6. E. – Watershed Management Plan

Prepared By

Linda Loomis, Administrator

Summary

At the August 2022 meeting of the Board of Managers, the Board Young Environmental Consulting Group presented findings of on-site inspections of projects permitted by the LMRWD. Update #1 to that report is attached. Update #1 includes all completed projects that require no further inspections.

Inspections continue for permitted projects that are still active and projects that were not in compliance with LMRWD permits.

Attachments

Lower Minnesota River Watershed District 2020-2022 Permitted Project Inspection: Update #1

Recommended Action

No recommended action – for information only

Lower Minnesota River Watershed District 2020-2022 Permitted Project Inspections: Update #1

Young Environmental Consulting Group LLC interns completed on-site inspections in July and August 2022 for Lower Minnesota River Watershed District (LMRWD) permitted projects. The following technical memorandums summarize the inspection of 17 completed projects that were found to comply with LMRWD rules. This is update number one and includes only projects where construction is complete, and the project requires no further inspection. Future updates will include active projects and projects found to have violations. The technical memorandums describe the process that was followed during inspection and includes site photos for record keeping and future reference.

Table of Contents

Permit Number	Project Name
2021-012	Canterbury Park Parking Lots Phase 2
2021-031	Caribou Coffee
2021-034	Circle K Holiday Station Stores
2021-046	CenterPoint Dakota Station Facility
2021-019	Cretex Site
2020-117	Greystone Headquarters
2020-116	Shakopee Memorial Park Pedestrian Bridge
2019-085	Minnesota Bluffs LRT Regional Trail Repair
2020-100	Peterson Farms Road Maintenance
2021-014	Quarry Lake Outlet
2020-123	Gaughan Companies Demolition
2020-123	Shakopee Flats
2021-011	2021 Street & Utility Reconstruction
2021-049	Stump Road Maintenance
2020-126	Texas Roadhouse
2020-112	Vierling Industrial Project
2021-041	Line 0832

Technical Memorandum

To: Linda Loomis, Administrator
Lower Minnesota River Watershed District

From: Anthony Crosby, Water Resources Science Intern
Karina Weelborg, Water Resources Science Intern
Hannah LeClaire, PE

Date: October 31, 2022

Re: Canterbury Park Parking Lot—Phase 2 (LMRWD 2021-012) | Project Inspection

The Lower Minnesota River Watershed District (LMRWD) issued an individual project permit to Canterbury Park Development LLC for the Canterbury Parking Lot project (the Project) on May 11, 2021. The permit allowed for grading and erosion and sediment control for activities associated with parking lot rehabilitation. The Canterbury Parking Lot permit expired on May 11, 2022, and no renewal was requested. Therefore, in accordance with LMRWD rules, Young Environmental Consulting Group LLC (Young Environmental) inspected the site to close out the Project and ensure the compliance of the authorized actions outlined in the permit.

Summary

<u>Project Name:</u>	Canterbury Park Parking Lot—Phase 2
<u>Permit Purpose:</u>	Grading and erosion and sediment control for activities associated with parking lot rehabilitation
<u>Authorized Actions:</u>	Grading and erosion and sediment control
<u>Project Size:</u>	26.10 acres disturbed; 25.10 acres existing impervious; 24.70 acres proposed impervious; net decrease of 0.40 acres impervious

Location: 1100 Canterbury Road South, Shakopee, MN,
55379

Applicable LMRWD Rules: Rule B—Erosion and Sediment Control

Contractor: SM Hentges & Sons Inc
Email: Jay.Hembroff@smhentges.com
Phone: 952-595-5106

Discussion

Young Environmental notified Canterbury Park Development LLC of the upcoming inspection and requested record drawings as well as erosion and sediment control inspection records. The LMRWD did not receive any of these documents.

Following review of application documents, Anthony Crosby and Karina Weelborg inspected the site on July 19, 2022.

Rule B—Erosion and Sediment Control

No sediment and erosion control violations were found at the Canterbury Park Parking Lot—Phase 2 site. All disturbed areas have been restored to 70 percent vegetation, all temporary BMPs have been removed, and there was no evidence of erosion or sedimentation on site. The Project complies with Rule B.

Rule D—Stormwater Management

Although the Project does not trigger Rule D, it is part of the Canterbury Commons development and uses previously constructed stormwater management facilities that appear well maintained.

Recommendations

Based on the Project inspection, no further action or inspections are necessary. The Project complies with LMRWD Rule B—Erosion and Sediment Control. Because no violations were found on site, the inspection records are not required to determine recurring issues. Additionally, because the project only triggers Rule B—Erosion and Sediment Control, record drawings are not required to confirm compliance with LMRWD rules. We recommend the permit be closed.

Attachments

Figure 1. Silt curtain in pond



Figure 2. Culvert in northwest regional pond



Figure 3. Vegetation above 70 percent throughout the site



Figure 4. All inlets are free of protection and have no sediments





Young Environmental Consulting
Group, LLC

Technical Memorandum

To: Linda Loomis, Administrator
Lower Minnesota River Watershed District

From: Anthony Crosby, Water Resources Science Intern
Karina Weelborg, Water Resources Science Intern
Hannah LeClaire, PE

Date: October 31, 2021

Re: Caribou Coffee—Savage (LMRWD 2021-031) | Project Inspection

The Lower Minnesota River Watershed District (LMRWD) issued an individual project permit to Townsend Properties for the Caribou Coffee—Savage project (the “Project”) on August 19, 2021. The permit allowed for the filling of land below the 100-year flood elevation for the renovation of the existing commercial building and parking lot in Savage. The LMRWD was notified on June 29, 2022, that construction is complete. Therefore, in accordance with LMRWD rules, Young Environmental Consulting Group LLC (Young Environmental) inspected the site to close out the project and ensure compliance of the authorized actions outlined in the permit.

Summary

<u>Project Name:</u>	Caribou Coffee—Savage
<u>Permit Purpose:</u>	Renovation of existing commercial building and parking lot
<u>Authorized Actions:</u>	Filling of land below the 100-year flood elevation
<u>Project Size:</u>	0.58 acres disturbed; 0.39 acres existing impervious; 0.31 acres proposed impervious; net decrease of 0.08 acres new impervious
<u>Location:</u>	4905 Highway 13 W, Savage, MN 55378

LMRWD Rules: Rule C—Floodplain and Drainage Alteration

Contractor: Sherburne Slater Construction
Email: nate@sherburneconstruction.com
Phone: 612-655-7450

Discussion

Young Environmental notified the permittee of the upcoming inspection and requested record drawings as well as erosion and sediment control inspection records. The LMRWD received the following documents for review in preparation for site inspections:

- Stormwater Construction Site Inspection Reports by Erik Slater; dated April 12, 2022, through May 12, 2022; received July 11, 2022
- Caribou Coffee As-Built Survey by Design Tree Engineering; dated September 19, 2022; received October 4, 2022

Following document review, Anthony Crosby and Karina Weelborg inspected the site on July 13, 2022.

Rule C—Floodplain and Drainage Alteration

No floodplain or drainage alteration violations were found at the Project site. All impervious surfaces were built as proposed and appeared properly maintained. No restriction to flood flows or increases in flood elevation levels are expected. The Project complies with Rule C.

Recommendations

Based on the Project inspection, no further action or inspections are necessary. The Project complies with LMRWD Rule C—Floodplain and Drainage Alteration. We recommend the permit be closed.

Attachments

Figure 1. Greater than 70 percent vegetative stabilization on site



Figure 2. Complete vegetative stabilization



Technical Memorandum

To: Linda Loomis, Administrator
Lower Minnesota River Watershed District

From: Anthony Crosby, Water Resources Science Intern
Karina Weelborg, Water Resources Science Intern
Hannah LeClaire, PE

Date: October 31, 2021

Re: Circle K/Holiday Station (LMRWD 2021-034) | Project Inspection

The Lower Minnesota River Watershed District (LMRWD) issued an individual project permit to Holiday Station Stores LLC for the Circle K/Holiday Station project (the “Project”) on October 19, 2021. The permit is active and allows for the development of a gas station on undeveloped parcels within the City of Savage. The gas station construction is complete. Therefore, in accordance with LMRWD rules, the site was inspected to close out the project and ensure compliance of the authorized actions outlined in the permit.

Summary

<u>Project Name:</u>	Circle K/Holiday Station
<u>Permit Purpose:</u>	Construction of a convenience store/gas station and underground storage tanks
<u>Authorized Actions:</u>	Site grading and improvements, erosion and sediment control, and construction of stormwater management features
<u>Project Size:</u>	6.04 acres disturbed; 0.00 acres existing impervious; 2.96 acres proposed impervious; net increase of 2.96 acres new impervious
<u>Location:</u>	7800 126th Street, Savage, MN 55378

LMRWD Rules: Rule B—Erosion and Sediment Control

Contractor: Shingobee Builders
Phone: 763-479-5647

Erosion & Sediment Control
Inspector: Eric Munt
Phone: 612-991-5150

Discussion

Young Environmental notified Holiday Station Stores LLC of the upcoming inspection and requested record drawings as well as erosion and sediment control inspection records. The LMRWD received the following documents for review in preparation for site inspections:

- Stormwater Management Plan and Stormwater Pollution Prevention Plan for Construction Activities by Bergman Associates; dated March 31, 2021; revised January 10, 2022; received July 12, 2022
- Civil Plans by Bergman Associates; dated March 31, 2021; revised February 8, 2022; received July 12, 2022

The LMRWD did not receive any erosion and sediment control inspection records or record drawings.

Following document review, Anthony Crosby and Karina inspected the site on July 13, 2022.

Rule B—Erosion and Sediment Control

No sediment and erosion control violations were found on site. All temporary best management practices have been removed and disturbed areas have been restored to greater than 70 percent vegetation. There is no evidence of sedimentation or erosion on site. The Project complies with Rule B.

Rule D—Stormwater Management

Although the Project did not trigger Rule D, a stormwater pond was constructed on site. No stormwater management concerns were found on site, and the pond appears well maintained.

Recommendations

Based on the Project inspection, no further action or follow-up inspections are

necessary. The Project complies with LMRWD Rule B—Erosion and Sediment Control. Because no issues were found on site, the inspection records are not required to determine recurring issues. Additionally, because the project only triggers Rule B—Erosion and Sediment Control, record drawings are not required to confirm compliance to LMRWD rules. We recommend the permit be closed.

Attachments

Figure 1. Furthest east outlet



Figure 2. Middle outlet



Figure 3. Western emergency overflow



Figure 4. Erosion control blankets surrounding pond



Figure 5. Sod still visible but high vegetative cover found throughout



Technical Memorandum

To: Linda Loomis, Administrator
Lower Minnesota River Watershed District

From: Anthony Crosby, Water Resources Science Intern
Karina Weelborg, Water Resources Science Intern
Hannah LeClaire, PE

Date: October 31, 2021

Re: CenterPoint Dakota Station Facility (LMRWD 2021-046) | Project Inspection

The Lower Minnesota River Watershed District (LMRWD) issued an individual project permit to CenterPoint Energy for the CenterPoint Dakota Station Facility project (Project) on October 20, 2021. The permit is active and allows for the installation of natural gas pipelines in the City of Burnsville. The LMRWD was informed on June 24, 2022, that the Project was complete. Therefore, in accordance with the LMRWD rules, Young Environmental Consulting Group LLC (Young Environmental) inspected the site to close out the project and ensure compliance of the authorized actions outlined in the permit.

Summary

<u>Project Name:</u>	CenterPoint Dakota Station Facility
<u>Permit Purpose:</u>	Installing natural gas pipelines
<u>Authorized Actions:</u>	Grading and erosion and sediment control; steep slopes restoration
<u>Project Size:</u>	0.06 acres disturbed; 267 cubic yards excavated; no new impervious surface areas
<u>Location:</u>	11500 12th Ave. S., Burnsville, MN 55337
<u>Applicable LMRWD Rules:</u>	Rule B—Erosion and Sediment Control Rule F—Steep Slopes

Erosion and Sediment Control Marcus Green
Inspector: Email: marcus.green@erm.com
Phone: 612-337-3355

Discussion

Young Environmental notified CenterPoint Energy of the upcoming inspection and requested record drawings as well as erosion and sediment control inspection records. The LMRWD received the following documents for review:

- Construction stormwater site inspection reports by ERM; dated December 15, 2021, through July 28, 2022; received August 5, 2022
- Dakota LP As-Built Drawing by Standby Systems Inc; dated September 6, 2022; received September 12, 2022

Following review of permit application documents, Anthony Crosby and Karina Weelborg inspected the site on July 28, 2022.

Rule B—Erosion and Sediment Control

No sediment and erosion control violations were found at the Project site. All disturbed areas have been restored to 70 percent vegetation; all temporary BMPs have been removed; and there was no evidence of erosion or sedimentation on-site. The Project complies with Rule B.

Rule F—Steep Slopes

No steep slopes rule violations were found at the Project site. No erosion issues have occurred on the slopes, and the final stabilization slope breakers are in place and appear well maintained. The Project complies with Rule F.

Recommendations

Based on the Project inspection, no further action or inspections are necessary. The Project complies with LMRWD Rule B—Erosion and Sediment Control and Rule F—Steep Slopes. We recommend the permit be closed.

Attachments

Figure 1 - North slope breakers south of fence



Figure 2 - North slope breakers beyond CenterPoint fence



Figure 3 - South slope breakers at the top of hill



Figure 4 - Biologs removed from the site



Technical Memorandum

To: Linda Loomis, Administrator
Lower Minnesota River Watershed District

From: Anthony Crosby, Water Resources Science Intern
Karina Weelborg, Water Resources Science Intern
Hannah LeClaire, PE

Date: October 31, 2022

Re: Cretex Site (LMRWD 2021-019) | Project Inspection

The Lower Minnesota River Watershed District (LMRWD) issued an after-the-fact individual project permit to Cretex Industrial Park LLC for the Cretex Site project on May 5, 2021. The permit allowed for grading and stockpiling for other construction projects in the Hentges Industrial Park in Shakopee, Minnesota. The Cretex Site permit expired on May 5, 2022, and no renewal was requested. Therefore, in accordance with the LMRWD Rules, Young Environmental Consulting Group LLC (Young Environmental) inspected the site to close out the project and ensure compliance with the authorized actions outlined in the permit.

Summary

<u>Project Name:</u>	Cretex Site
<u>Permit Purpose:</u>	Interim grading within the Cretex Industrial Park to temporarily store aggregate stockpile and equipment during construction of Southwest Logistics Center and Stagecoach Road improvements
<u>Authorized Actions:</u>	Interim grading, erosion and sediment control, construction of temporary impervious surfaces and stormwater management features, aggregate stockpiling, and equipment storage
<u>Project Size:</u>	9.65 acres disturbed

Location: Stagecoach Road and County Road 101, Shakopee
MN 55379 (PID 270730050)

Applicable LMRWD Rules: Rule B —Erosion and Sediment Control

Contractor: S.M. Hentges & Sons Inc
Email: bob.brown@smhentges.com
Phone: 612-919-5095

Erosion and Sediment Control
Inspector: Scott Meyers
Email: smeyers@rjryan.com
Phone: 612-919-5902

Discussion

Young Environmental notified Cretex Industrial Park LLC of the upcoming inspection and requested erosion and sediment control inspection records; however, the LMRWD did not receive any additional documents.

Anthony Crosby and Karina Weelborg reviewed the existing permit review documents and inspected the site on July 1, 2022.

Rule B—Erosion and Sediment Control

Although the permit was expired, there was construction in progress on site. The current construction is operating without an LMRWD permit. Because the City of Shakopee (City) now has their Local Government Unit Permit, Young Environmental contacted the City to determine whether the on-site construction had been permitted by the City. The City confirmed on July 29, 2022, that they had issued a Conditional Use Permit for the activity at the Cretex Site. Young Environmental then informed the City of the following issues on August 5, 2022:

- Falling silt fence along the eastern perimeter
- Rill formation in eastern pond

Recommendations

Because the project is no longer permitted by the LMRWD, no further inspections are required. We recommend the permit be closed.

Attachments

Figure 1. Falling silt fence



Figure 2. Rill formation in pond sidewall





Young Environmental Consulting
Group, LLC

Technical Memorandum

To: Linda Loomis, Administrator
Lower Minnesota River Watershed District

From: Anthony Crosby, Water Resources Science Intern
Karina Weelborg, Water Resources Science Intern
Hannah LeClaire, PE

Date: October 31, 2022

Re: Greystone Headquarters (LMRWD 2020-117) | Project Inspection

The Lower Minnesota River Watershed District (LMRWD) issued an individual project permit to Canterbury Park Development LLC for the Greystone Headquarters project (the “Project”) on September 16, 2020. The permit allowed for the construction of a new office building, parking lot, and associated storm sewer and utilities. The Greystone Headquarters permit expired on September 16, 2021, and no renewal was submitted. Therefore, in accordance with LMRWD rules, Young Environmental Consulting Group LLC (Young Environmental) inspected the site to close out the project and ensure the compliance of the authorized actions outlined in the permit.

Summary

<u>Project Name:</u>	Greystone Headquarters
<u>Permit Purpose:</u>	The construction of a new office building, parking lot, and associated storm sewer and utilities
<u>Authorized Actions:</u>	Grading, erosion and sediment control and stormwater infrastructure activities
<u>Project Size:</u>	1.50 acres disturbed; 0.00 acres existing impervious; 1.14 acres proposed impervious; net increase of 1.14 acres new impervious

Location: 2995 Winners Cir. Dr. Suite 200, Shakopee, MN
55379

Applicable LMRWD Rules: Rule B—Erosion and Sediment Control,
Rule D—Stormwater Management

Contractor: Greystone Construction
Email: bhotzler@greystoneconstruction.com
Phone: 952-496-2227

Erosion and Sediment Control
Inspector: Greystone Construction
Email: bhotzler@greystoneconstruction.com
Phone: 952-496-2227

Discussion

Young Environmental notified Canterbury Park Development LLC of the upcoming inspection and requested record drawings as well as erosion and sediment control inspection records. The LMRWD received the following documents for review:

- SWPPP Inspection Forms by Greystone Construction; dated January 5, 2021, through July 6, 2022; received on July 27, 2022
- Site Construction Plans by Wenck; dated August 12, 2020; updated June 9, 2021; received July 7, 2022

Following document review, Anthony Crosby and Karina Weelborg inspected the site on July 19, 2022.

Rule B—Erosion and Sediment Control

No erosion and sediment control violations were found at the Project site. All disturbed areas have been restored to above 70 percent vegetation, all temporary best management practices have been removed, and there was no evidence of erosion or sedimentation. The Project complies with Rule B.

Rule D—Stormwater Management

No stormwater management violations were found at the Project site. All impervious areas were constructed according to site plans. The Project is part of the Canterbury Commons development and uses previously constructed regional stormwater management facilities that appear well maintained. The Project complies with Rule D.

Recommendations

Based on the Project inspection, no immediate action or follow-up inspections are necessary. The Project complies with LMRWD Rule B—Erosion and Sediment Control and Rule D—Stormwater Management. We recommend the permit be closed.

Attachments

Figure 1. Good vegetation cover throughout the site



Figure 2. Inlets all look good; no sedimentation or protection in any of them



Figure 3. Silt fence southeast of site, not part of Greystone HQ site, no issue





Young Environmental Consulting
Group, LLC

Technical Memorandum

To: Linda Loomis, Administrator
Lower Minnesota River Watershed District

From: Anthony Crosby, Water Resources Science Intern
Karina Weelborg, Water Resources Science Intern
Hannah LeClaire, PE

Date: October 31, 2022

Re: Memorial Park Pedestrian Bridge and Trail (LMRWD 2020-116) | Project Inspection

The Lower Minnesota River Watershed District (LMRWD) issued an individual project permit to the City of Shakopee (the “City”) for the Memorial Park Pedestrian Bridge and Trail project (the “Project”) on October 23, 2022. The permit allowed the construction of a bridge over Memorial Park Pond to replace the bridge removed in 2016 and an associated pedestrian trail. The Project permit expired on October 23, 2021, and no renewal was requested. Therefore, in accordance with LMRWD rules, Young Environmental Consulting Group LLC (Young Environmental) inspected the site to close out the project and ensure compliance of the authorized actions outlined in the permit.

Summary

<u>Project Name:</u>	Memorial Park Pedestrian Bridge
<u>Permit Purpose:</u>	The construction of a bridge over Memorial Park Pond to replace the bridge removed in 2016 and associated pedestrian trail
<u>Authorized Actions:</u>	Grading, erosion and sediment control, and alteration or filling of land below the 100-year flood elevation
<u>Project Size:</u>	1.04 acres disturbed; 0.34 acres existing impervious; 0.41 acres proposed impervious; net increase of

0.07 acres new impervious

Location: Memorial Park, Shakopee, MN 55379

LMRWD Rules: Rule B—Erosion and Sediment Control
Rule C—Floodplain and Drainage Alteration

Contractor: S.M. Hentges & Sons Inc

Erosion and Sediment Control Inspector: Steve Lillehaug
Email: Slillehaug@shakopeemn.gov
Phone: 952-233-9361

Discussion

Young Environmental notified the City of the upcoming inspection and requested record drawings as well as erosion and sediment control inspection records. The LMRWD received the following documents for review in preparation for site inspections:

- Record Drawings by WSB; dated September 22, 2020; received on June 28, 2022
- NPDES Weekly Inspection Logs by S.M. Hentges & Sons Inc; dated February 3, 2021, through July 2, 2021; received on June 28, 2022

Following document review, Anthony Crosby and Karina Weelborg inspected the site on July 6, 2022.

Rule B—Erosion and Sediment Control

No erosion and sediment control violations were found at the Project site. All temporary best management practices have been removed, and all disturbed areas restored to over 70 percent vegetation. A few broken and fallen large branches were found along the site. However, because the Project was completed over a year ago, it is unlikely that construction activities are responsible. The Project complies with Rule B.

Rule C—Floodplain and Drainage Alteration

No floodplain or drainage alteration or violations were found at the Project site. All structures were built as proposed. No excessive restriction to flood flows or increases in flood elevation levels are expected. The Project complies with Rule C.

Recommendations

Based on the Project inspection, no further action or inspections are necessary. The

Project complies with LMRWD Rule B—Erosion and Sediment Control and Rule C—Floodplain and Drainage Alteration, and we recommend the permit be closed.

Attachments

Figure 1. Broken branch on left side of the trail north of the bridge



Figure 2. Branch that fell west of the north side of the pedestrian bridge



Figure 3. Vegetation along southeast portion of the trail



Figure 4. South side of pond further east with less vegetation but lots of forest cover



Figure 5. Wooded area on south side of pond, likely 70 percent.



Figure 6. Vegetation on south side of bridge



Technical Memorandum

To: Linda Loomis, Administrator
Lower Minnesota River Watershed District

From: Anthony Crosby, Water Resources Science Intern
Karina Weelborg, Water Resources Science Intern
Hannah LeClaire, PE

Date: October 31, 2022

Re: MN Bluffs LRT Regional Trail Landslide Repairs (LMRWD 2019-085) |
Project Inspection

The Lower Minnesota River Watershed District (LMRWD) issued an individual project permit to the Hennepin County Regional Railroad Authority (Permittee) for the MN Bluffs LRT Regional Trail Landslide Repairs project (Project) on May 20, 2020. The permit allowed for the stabilization of slopes along the MN Bluffs LRT Regional Trail that experienced a landslide in 2014. The LMRWD was notified on June 29, 2022, that the stabilization construction was finished in 2020. Therefore, in accordance with the LMRWD Rules, Young Environmental Consulting Group, LLC (Young Environmental), inspected the site to close out the project and ensure compliance with the authorized actions outlined in the permit.

Summary

<u>Project Name:</u>	MN Bluffs LRT Regional Trail Landslide Repairs
<u>Permit Purpose:</u>	To construct a riprap channel, two embedded boulder cross vanes, and an energy dissipating stilling basin
<u>Authorized Actions:</u>	Grading, erosion, and sediment control and stormwater infrastructure activities within the LMRWD steep slopes overlay district
<u>Project Size:</u>	7.22 acres disturbed, 0 acres of new impervious

Location: CSAH 14 to CSAH 61

Applicable LMRWD Rules: Rule B—Erosion and Sediment Control
Rule F—Steep Slopes

Erosion and Sediment Control Inspector: Bill McLean
Phone: (763) 688-0404

Discussion

Young Environmental notified the Permittee of the upcoming inspection and requested record drawings as well as erosion and sediment control inspection records. The LMRWD received the following documents for review in preparation for site inspections:

- MN Bluffs LRT Regional Trail Landslide Repairs erosion and sediment control inspection and maintenance records by Bill McLean; dated August 21 through November 20, 2020, received on June 29, 2022
- MN Bluffs LRT Regional Trail Landslide Repairs Hennepin record drawings by Barr Engineering; dated August 13, 2020; received on July 5, 2022

Following document review, Anthony Crosby and Karina Weelborg inspected the site on July 6, 2022.

Rule B—Erosion and Sediment Control

Interns were unable to reach the project site due to gated access and bluff safety concerns and instead viewed the area from the trail. No sediment or erosion control violations were found at the Project site. All disturbed areas appeared to have been restored to 70 percent vegetation, all temporary BMPs have been removed, and there was no evidence of erosion or sedimentation on site. The Project complies with Rule B.

Rule F—Steep Slopes

Interns were unable to reach the project site due to gated access and bluff safety concerns and instead viewed the area from the trail. No steep slope violations were found at the Project site. All steep slopes appeared to be appropriately stabilized and highly vegetated with no evidence of erosion or sedimentation. The Project complies with Rule F.

Recommendations

Based on our inspection of the Project, no further action or inspections are necessary. The Project complies with LMRWD Rule B—Erosion and Sediment Control and Rule

F—Steep Slopes. Young Environmental recommends the permit be closed.

Attachments

Figure 1. Culvert outlet



Figure 2. Good vegetation in disturbed area leading to site



Figure 3. Channel stabilization



Technical Memorandum

To: Linda Loomis, Administrator
Lower Minnesota River Watershed District

From: Anthony Crosby, Water Resources Science Intern
Karina Weelborg, Water Resources Science Intern
Hannah LeClaire, PE

Date: October 31, 2022

Re: Peterson Farms Road Maintenance (LMRWD 2020-100) | Project Inspection

The Lower Minnesota River Watershed District (LMRWD) issued an individual project permit to Bert Notermann for the Peterson Farms Road Maintenance project (the “Project”) on May 20, 2020. The permit allowed for the maintenance of a farm road on Peterson Farms in Chanhassen. The Project is now complete. Therefore, in accordance with LMRWD rules, Young Environmental Consulting Group LLC (Young Environmental) inspected the site to close out the project and ensure compliance of the authorized actions outlined in the permit.

Summary

<u>Project Name:</u>	Peterson Farms Road Maintenance
<u>Permit Purpose:</u>	Repair farm road in river flats south of Flying Cloud Drive in Carver County
<u>Authorized Actions:</u>	Place floodplain fill and return road to previous existing condition
<u>Project Size:</u>	0.25 acres disturbed
<u>Location:</u>	County Road 61, Chanhassen, MN 55317
<u>Applicable LMRWD Rules:</u>	Rule C—Floodplain and Drainage Alteration

Contractor:

Bert Noterman
Email: bbnoter1@aol.com
Phone: 1.952.240.2515

Discussion

Young Environmental notified Bert Noterman of the upcoming inspection, and no additional documents from the permittee were needed to complete the review. Following the review of the permit application documents, Anthony Crosby and Karina Weelborg inspected the site on July 26, 2022.

Rule C—Floodplain and Drainage Alteration

No floodplain or drainage alteration violations were found at the Project site. The road was returned to the original condition as described. No excessive restriction to flood flows or increases in flood elevation levels are expected. It appears that the road continues to experience inundation after rain events but is protected by additional riprap at the overflow location. The Project complies with Rule C.

Recommendations

Based on the Project inspection, no further action or inspections are necessary. The Project complies with LMRWD Rule C—Floodplain and Drainage Alteration, and we recommend the permit be closed.

Attachments

Figure 1. Road entrance with dip looking south



Figure 2. Water around road entrance to the east



Figure 3. Water around road entrance to the west



Figure 4. Road and road entrance looking north



Figure 5. Road maintained looking east



Figure 6. Road maintained looking west



Technical Memorandum

To: Linda Loomis, Administrator
Lower Minnesota River Watershed District

From: Anthony Crosby, Water Resources Science Intern
Karina Weelborg, Water Resources Science Intern
Hannah LeClaire, PE

Date: October 31, 2021

Re: Quarry Lake Park Improvements (LMRWD 2020-115) | Project Inspection

The Lower Minnesota River Watershed District (LMRWD) issued an individual project permit to the City of Shakopee for the Quarry Lake Park Improvements project (the “Project”) on September 16, 2020. The permit allowed for the construction of a mountain bike trail within Quarry Lake Park. The Project permit expired on September 16, 2021, and no renewal was requested. Therefore, in accordance with LMRWD rules, Young Environmental Consulting Group LLC (Young Environmental) inspected the site to close out the project and ensure compliance of the authorized actions outlined in the permit.

Summary

Project Name: Quarry Lake Park Improvements

Permit Purpose: Grading, erosion and sediment control related to the construction of a mountain bike trail

Authorized Actions: Construction of a mountain bike trail within Quarry Lake Park

Project Size: 5.00 acres disturbed; 0.50 acres existing impervious; 2.00 acres proposed impervious; net increase of 1.50 acres new impervious

Location: 201 Innovation Blvd, Shakopee, MN 55379

Applicable LMRWD Rules: Rule B—Erosion and Sediment Control

Contractor: Pathfinder Trail Building
Email: buck@pathfindertrailbuilding.com
Phone: 507-226-3799

Erosion and Sediment Control Inspector: Adam Bentson
Email: abentson@shakopeemn.gov
Phone: 952-233-9323

Discussion

Young Environmental notified the City of Shakopee of the upcoming inspection and requested record drawings as well as erosion and sediment control inspection records. The LMRWD received the following documents for review in preparation for site inspections:

- Record Drawings by Confluence; dated, November 6, 2020; received March 17, 2022
- NPDES Construction Site Permit Holder Inspection Forms by the City of Shakopee; dated April 8, 2021, through July 29, 2021; received August 5, 2022

Following document review, Anthony Crosby and Karina Weelborg inspected the site on July 26, 2022.

Rule B—Erosion and Sediment Control

No sediment and erosion control violations were found at the Project site. All disturbed areas have been restored to 70 percent vegetation, all temporary BMPs have been removed, and there was no evidence of erosion or sedimentation on site. The Project complies with Rule B.

Recommendations

Based on the Project inspection, no further action or inspections are necessary. The Project complies with LMRWD Rule B—Erosion and Sediment Control, and we recommend the permit be closed.

Attachments

Figure 1. All BioRolls removed from site



Figure 2. Erosion control blanket (east side of site)



Figure 3. Another erosion control blanket



Figure 4. Southwest staging area cleared of all construction material



Technical Memorandum

To: Linda Loomis, Administrator
Lower Minnesota River Watershed District

From: Anthony Crosby, Water Resources Science Intern
Karina Weelborg, Water Resources Science Intern
Hannah LeClaire, PE

Date: November 4, 2022

Re: Shakopee Gaughan Removal Plan (LMRWD 2020-123) | Project Inspection

The Lower Minnesota River Watershed District (LMRWD) issued an individual project permit to Gaughan Companies for the Shakopee Gaughan Removal Plan project (Project) on September 16, 2020. The permit allowed for the demolition of existing structures and grading in preparation for the Shakopee Flats apartment complex construction. The Shakopee Gaughan Removal Plan was amended on November 18, 2020, and allowed for the excavation and foundation construction of the Shakopee Flats apartment complex. The amended permit expired on September 16, 2021. Therefore, in accordance with the LMRWD rules, Young Environmental Consulting Group LLC (Young Environmental) inspected the site to close out the project and ensure the compliance of the authorized actions outlined in the permit.

Summary

<u>Project Name:</u>	Shakopee Gaughan Removal
<u>Permit Purpose:</u>	Demolition of existing buildings, including building pads; removal of existing pavement; trash remediation and removal; and excavation for deep footings and foundation construction
<u>Authorized Actions:</u>	Grading, erosion, and sediment control; excavation for deep footings and foundation construction

<u>Project Size:</u>	3.40 acres, 3.40 acres disturbed, 1.60 acres of existing impervious, 0 acres of proposed impervious, and 0 acres of new impervious created
<u>Location:</u>	339 1st Ave. W., Shakopee, MN 55739
<u>Applicable LMRWD Rules:</u>	Rule B—Erosion and Sediment Control Rule D—Stormwater Management
<u>Contractor:</u>	Greystone Construction Email: awells@greystoneconstruction.com Phone: 952.278.1136
<u>Erosion and Sediment Control Inspector:</u>	Greystone Construction Email: awells@greystoneconstruction.com Phone: 952-278-1136

Discussion

Young Environmental notified Gaughan Companies of the upcoming inspection and requested record drawings, erosion and sediment control inspection records, and any stormwater management plan updates. The LMRWD received the following documents for review in preparation for site inspections:

- Sediment and erosion control inspection records by Greystone Construction; dated November 23, 2020, through November 11, 2021; received on July 27, 2022
- Shakopee Flats—Site improvements project drawings by AE2S; dated June 2021; received July 25, 2022

Following review of the permit application documents, Anthony Crosby and Karina Weelborg inspected the site on July 6, 2022.

Rule B—Erosion and Sediment Control

Because the site is currently under ongoing construction for the Shakopee River Bluffs Improvement project (LMRWD 2021-039), no final stabilization has been completed. No sediment and erosion control violations attributable to the Project activities were found at the site. The Project complies with Rule B.

Rule D—Stormwater Management

No stormwater management violations attributable to the Project activities were found at the site. Stormwater management facilities are currently under construction as part of the Shakopee River Bluffs Improvement Project (LMRWD 2021-039). All impervious

areas were constructed according to the site plans and appear to be in good condition. The Project complies with Rule D.

Recommendations

Because the area is currently under construction for the Shakopee River Bluffs Improvement project (LMRWD 2021-039), we recommend the Shakopee Gaughan Removal Plan project permit be closed out. Any further inspections for rule compliance and vegetative stabilization should be conducted in conjunction with the active project on-site.

Attachments

Figure 1. Building and parking lot on the corner of Scott St and Levee Dr



Figure 2. Parking lot and building on Levee Dr



Figure 3. Underground stormwater management facility under construction



Figure 4. Parking lot and building on Atwood St



Technical Memorandum

To: Linda Loomis, Administrator
Lower Minnesota River Watershed District

From: Anthony Crosby, Water Resources Science Intern
Karina Weelborg, Water Resources Science Intern
Hannah LeClaire, PE

Date: November 4, 2022

Re: Shakopee Flats (LMRWD 2020-123) | Project Inspection

The Lower Minnesota River Watershed District (LMRWD) amended the Shakopee Gaughan Removal Plan permit for Gaughan Companies for the Shakopee Flats project (the Project) on February 2, 2021. The amended permit allowed for the construction of an apartment complex on Levee Drive in Shakopee, Minnesota. The amended permit expired on September 16, 2021. Therefore, in accordance with LMRWD rules, the site was inspected to close out the project and ensure compliance of the authorized actions outlined in the permit.

Summary

<u>Project Name:</u>	Shakopee Flats
<u>Permit Purpose:</u>	Demolition of existing buildings including building pads; removal of existing pavement and trash remediation and removal; excavation for deep footings and foundation construction; and construction of private residential and commercial development and appurtenances
<u>Authorized Actions:</u>	Grading, erosion, and sediment control; excavation for deep footings and foundation construction; site development; stormwater infrastructure activities.
<u>Project Size:</u>	3.40 acres, 3.40 acres disturbed, 1.60 acres of

existing impervious, 0 acres of proposed impervious,
and 0 acres of new impervious created

Location: 339 1st Ave. W., Shakopee, MN 55739

Applicable LMRWD Rules: Rule B—Erosion and Sediment Control
Rule D—Stormwater Management

Contractor: Greystone Construction
Email: awells@greystoneconstruction.com
Phone: 952.278.1136

Erosion and Sediment Control
Inspector: Greystone Construction
Email: awells@greystoneconstruction.com
Phone: 952.278.1136

Discussion

Young Environmental notified Gaughan Companies of the upcoming inspection and requested record drawings, erosion and sediment control inspection records, and any stormwater management plan updates. The LMRWD received the following documents for review:

- Sediment and erosion control inspection records by Greystone Construction; dated November 23, 2020, through November 11, 2021; received on July 27, 2022
- Shakopee Flats—Site improvements project drawings by AE2S; dated June 2021; received July 25, 2022

Following review of the permit application documents, Anthony Crosby and Karina Weelborg inspected the site on July 6, 2022.

Rule B—Erosion and Sediment Control

Because the site is currently under construction for the Shakopee River Bluffs Improvement Project (LMRWD 2021-039), no final stabilization has been completed. No sediment and erosion control violations attributable to the Project activities were found at the site. The Project complies with Rule B.

Rule D—Stormwater Management

No stormwater management violations attributable to the Project activities were found at the site. Stormwater management facilities are currently under construction as part of the Shakopee River Bluffs Improvement Project (LMRWD 2021-039). All impervious

areas were constructed according to the site plans and appear in good condition. The Project complies with Rule D.

Recommendations

Because the area is currently under construction for the Shakopee River Bluffs Improvement Project (LMRWD 2021-039), we recommend the Shakopee Flats project permit be closed out. Any further inspections for rule compliance and vegetative stabilization should be conducted in conjunction with the active project on-site.

Attachments

Figure 1. Building and parking lot on the corner of Scott St. and Levee Drive



Figure 2. Parking lot and building on Levee Drive



Figure 3. Underground stormwater management facility under construction



Figure 4. Parking lot and building on Atwood St.



Technical Memorandum

To: Linda Loomis, Administrator
Lower Minnesota River Watershed District

From: Anthony Crosby, Water Resources Science Intern
Karina Weelborg, Water Resources Science Intern
Hannah LeClaire, PE

Date: October 31, 2022

Re: 2021 Street and Utility Reconstruction (LMRWD 2021-011) | Project Inspection

The Lower Minnesota River Watershed District (LMRWD) issued an individual permit to the City of Shakopee for its 2021 Street and Utility Reconstruction project (Project) on April 28, 2021. The permit allowed for the reconstruction of Levee Drive and Scott Street and their associated utilities in Shakopee, Minnesota. The permit expired on April 28, 2022, and no permit renewal was requested. Therefore, in accordance with the LMRWD rules, Young Environmental Consulting Group LLC (Young Environmental) inspected the site to close out the project and ensure compliance with the authorized actions outlined in the permit.

Summary

<u>Project Name:</u>	2021 Street and Utility Reconstruction
<u>Permit Purpose:</u>	Municipal street and utility reconstruction project
<u>Authorized Actions:</u>	Grading and erosion and sediment control
<u>Project Size:</u>	4.70 acres total project area; 2.94 disturbed, 1.95 existing impervious, and 2.05 proposed impervious; increase of 0.10 acres of new impervious surfaces
<u>Location:</u>	Levee Drive, Scott Street, and Fuller Street, Shakopee, MN

Applicable LMRWD Rules: Rule B—Erosion and Sediment Control

Contractor: S.M. Hentges & Sons Inc.
Email: shane.heller@hentges.com
Phone: (507) 317-9598

Erosion and Sediment Control Inspector: Shane Heller
Email: shane.heller@hentges.com
Phone: (507) 317-9598

Discussion

Young Environmental notified the City of Shakopee of the upcoming inspection and requested record drawings as well as erosion and sediment control inspection records. The LMRWD received the following documents for review in preparation for site inspections:

- NDPES erosion control inspection reports by S.M. Hentges; dated June 16, 2021, through October 22, 2021; received June 25, 2022
- Site plans by the City of Shakopee; dated March 2, 2021; received June 25, 2022; revised April 2, 2021

Following document review, Anthony Crosby and Karina Weelborg inspected the site on July 6, 2022.

Rule B—Erosion and Sediment Control

Because portions of the site are currently under construction for the Shakopee River Bluffs Improvement Project (LMRWD 2021-039), not all final stabilization is complete. However, no sediment or erosion control violations attributable to the Project activities were found at the site. Where possible, disturbed areas have been restored to 70 percent vegetation and all temporary BMPs have been removed, and there was no evidence of erosion or sedimentation on-site. The Project complies with Rule B.

Recommendations

Based on Project inspection, no further action or inspections are necessary. The Project complies with Rule B—Erosion and Sediment Control, and we recommend the permit be closed.

Attachments

Figure 1. Pedestrian bridge, parking lot, and trail



Figure 2. Good vegetation along the back side of the trail



Figure 3. Current construction on Scott St



Technical Memorandum

To: Linda Loomis, Administrator
Lower Minnesota River Watershed District

From: Anthony Crosby, Water Resources Science Intern
Karina Weelborg, Water Resources Science Intern
Hannah LeClaire, PE

Date: October 31, 2022

Re: Stump Road Maintenance (LMRWD 2021-049) | Project Inspection

The Lower Minnesota River Watershed District (LMRWD) issued an individual project permit to the City of Bloomington for the Stump Road Maintenance project on November 19, 2021. The permit allowed for the repair of an existing maintenance trail that crosses Coleman Lake, including a culvert installation. The Stump Road Maintenance project is now complete. Therefore, in accordance with LMRWD rules, Young Environmental Consulting Group LLC (Young Environmental) inspected the site to close out the project and ensure compliance with the authorized actions outlined in the permit.

Summary

<u>Project Name:</u>	Stump Road Maintenance
<u>Permit Purpose:</u>	Public works street repair for emergency vehicle access
<u>Authorized Actions:</u>	Grading activities and culvert installation to restore Stump Road within the Minnesota River floodplain
<u>Project Size:</u>	0.7 acres disturbed; 0.0 acres proposed impervious
<u>Location:</u>	11200 Humboldt Ave S
<u>Applicable LMRWD Rules:</u>	C—Floodplain and Drainage Alteration

Contractor:

City of Bloomington
Email: sgurney@bloomingtonmn.gov
Phone: (952) 563-4606

Discussion

Young Environmental notified the City of Bloomington of the upcoming inspection, and no additional documents from the permittee were needed to complete the review.

Following review of the permit application documents, Anthony Crosby and Karina Weelborg, water resource science interns, inspected the site on July 28, 2022.

Rule C—Floodplain and Drainage Alteration

No floodplain or drainage alteration violations were found at the Stump Road Maintenance site. All culverts were installed as proposed, and the road appeared properly maintained without impact to Coleman Lake. No restriction to flood flows or increases in flood elevation levels are expected. The Stump Road Maintenance project complies with Rule C.

Recommendations

Based on the Stump Road Maintenance site inspection, no further action or inspections are necessary. The Project complies with LMRWD Rule C – Floodplain and Drainage Alterations, and we recommend the Stump Road Maintenance permit be closed.

Attachments

Figure 1. South culvert replacement area



Figure 2. North culvert replacement area



Technical Memorandum

To: Linda Loomis, Administrator
Lower Minnesota River Watershed District

From: Anthony Crosby, Water Resources Science Intern
Karina Weelborg, Water Resources Science Intern
Hannah LeClaire, PE

Date: October 31, 2022

Re: Texas Roadhouse (LMRWD 2020-126) | Project Inspection

The Lower Minnesota River Watershed District (LMRWD) issued an individual project permit to Greenberg Farrow for the Texas Roadhouse project (Project) on November 19, 2020. The permit allowed for the construction of a sit-down restaurant (Texas Roadhouse) on vacant, undeveloped land in the City of Shakopee. The Project permit expired on November 18, 2021, and no renewal was requested. Therefore, in accordance with the LMRWD Rules, Young Environmental Consulting Group LLC (Young Environmental) inspected the site to close out the project and ensure compliance of the authorized actions outlined in the permit.

Summary

<u>Project Name:</u>	Texas Roadhouse
<u>Permit Purpose:</u>	Site development including a restaurant (Texas Roadhouse), parking lot, utilities, and stormwater management facilities.
<u>Authorized Actions:</u>	Grading, erosion, and sediment control; site development; and stormwater infrastructure construction.
<u>Project Size:</u>	1.47 acres disturbed, 0 acres existing impervious, and 1.07 acres proposed impervious results in a net

increase of 1.07 acres new impervious

Location: 8160 Old Carriage Court North, Shakopee, MN
55739

LMRWD Rules: Rule B—Erosion and Sediment Control
Rule D—Stormwater Management

Discussion

Young Environmental notified Greenburg Farrow of the upcoming inspection and requested record drawings as well as erosion and sediment control inspection records and any stormwater management plan updates. The LMRWD received the following documents for review:

- As-built documents, received on June 23, 2022
- NPDES construction site permit holder inspection reports by Bauer Design Build, LLC; dated August 30, 2021, through January 18, 2022; received July 26, 2022

Following document review, Anthony Crosby and Karina Weelborg inspected the site on July 1, 2022.

Rule B—Erosion and Sediment Control

No erosion or sediment control violations were found on the Project site. All temporary best management practices were removed, and disturbed areas restored to greater than 70 percent vegetative stabilization. No evidence of erosion or sedimentation was found on site. The Project complies with Rule B.

Rule D—Stormwater Management

No stormwater management violations were found on the Project site. All impervious areas were built as proposed and appear well maintained. The Project uses a regional stormwater management pond that appears well maintained. The Project complies with Rule D.

Recommendations

Based on the Project inspection, no immediate action or follow-up inspections are necessary. The Project complies with LMRWD Rule B—Erosion and Sediment Control. Because no issues were found on site, the inspection records are not required to determine recurring issues. We recommend the permit be closed.

Attachments

Figure 1—Discharge location; no evidence of build-up or issues



Figure 2—Area requiring vegetation looks very good.



Figure 3—Pole found on southwest corner of site.



Technical Memorandum

To: Linda Loomis, Administrator
Lower Minnesota River Watershed District

From: Anthony Crosby, Water Resources Science Intern
Karina Weelborg, Water Resources Science Intern
Hannah LeClaire, PE

Date: October 31, 2022

Re: Vierling Industrial Project (LMRWD 2020-112) | Project Inspection

The Lower Minnesota River Watershed District (LMRWD) conditionally approved an individual project permit for the City of Shakopee for the Vierling Industrial project (Project) in 2020. LMRWD did not issue an official permit. The conditionally approved permit allowed for the construction of the Cherne Industries Inc. building in the Shakopee Gateway development. Despite not having an official permit, the Project was completed, and the building is in use. Therefore, Young Environmental Consulting Group LLC (Young Environmental) inspected the site to ensure compliance with LMRWD rules.

Summary

<u>Project Name:</u>	Vierling Industrial Project
<u>Permit Purpose:</u>	Construction of industrial facility, parking lot, and stormwater infrastructure
<u>Authorized Actions:</u>	Grading, stormwater infrastructure, sediment and erosion control
<u>Project Size:</u>	15.5 acres (including 8.46 acres of disturbance and the construction of 6.12 acres of new impervious surfaces)
<u>Location:</u>	South quadrant of the intersection of Scott County

Road 69 and Vierling Drive West, Shakopee,
Minnesota (Parcel ID 274730040)

Applicable LMRWD Rules: Rule B—Erosion and Sediment Control
Rule D—Stormwater Management

Contractor: Opus Design Build LLC
Email: scott.shifflett@opus-group.com
Phone: (952) 456-6465

Discussion

Young Environmental notified the City of Shakopee of the upcoming inspection and requested record drawings as well as erosion and sediment control inspection records and any stormwater management plan updates.

- Site Development Plans by OPUS; dated July 24, 2020; updated October 14, 2022, as record plans; received October 14, 2022

The LMRWD did not receive any inspection records.

Following review of the permit application documents, Anthony Crosby and Karina Weelborg inspected the site on July 19, 2022.

Rule B—Erosion and Sediment Control

No sediment and erosion control violations were found at the Project site. All disturbed areas have been restored to 70 percent vegetation, all temporary BMPs have been removed, and there was no evidence of erosion or sedimentation on site. The Project complies with Rule B.

Rule D—Stormwater Management

No stormwater management violations were found at the Project site. All impervious surfaces and stormwater management facilities were built according to the construction plans and appear to be well maintained. The Project complies with Rule D.

Recommendations

Based on the Project inspection, no further action is necessary. The Project complies with LMRWD Rule B—Erosion and Sediment Control and Rule D—Stormwater Management. Because no issues were found on site, the inspection records are not required to determine recurring issues. We recommend the permit be closed.

Attachments

Figure 1. Pond 1



Figure 2. Pond 2



Technical Memorandum

To: Linda Loomis, Administrator
Lower Minnesota River Watershed District

From: Anthony Crosby, Water Resources Science Intern
Karina Weelborg, Water Resources Science Intern
Hannah LeClaire, PE

Date: October 31, 2022

Re: Xcel Energy Line 0832 (LMRWD 2021-041) | Project Inspection

The Lower Minnesota River Watershed District (LMRWD) issued an individual project permit to Xcel Energy for the Xcel Energy Line 0832 project (Project) on September 16, 2021. The permit allowed for the removal of a failing transmission line structure and the installation of a new structure within Black Dog Lake in Burnsville, Minnesota. The Project is now complete. Therefore, in accordance with the LMRWD rules, Young Environmental Consulting Group LLC (Young Environmental) inspected the site to close out the project and ensure compliance with the authorized actions outlined in the permit.

Summary

<u>Project Name:</u>	Xcel Energy line 0832
<u>Permit Purpose:</u>	Replace failing transmission line structure within Black Dog Lake
<u>Authorized Actions:</u>	Filling of land below the 100-year flood elevation
<u>Project Size:</u>	0.4 acres disturbed; 0.0 acres of new impervious surfaces
<u>Location:</u>	1400 Black Dog Road East, Burnsville, MN 55337
<u>Applicable LMRWD Rules:</u>	Rule C—Floodplain and Drainage Alterations

Discussion

Young Environmental notified Xcel Energy of the upcoming inspection and requested record drawings. The LMRWD received the following document for review in preparation for site inspections:

- Xcel Energy Line 0832 by Xcel Energy; dated August 5, 2021; received July 25, 2021

Following document review, Anthony Crosby and Karina Weelborg inspected the site on July 28, 2021.

Rule C—Floodplain and Drainage Alteration

No floodplain or drainage alteration violations were found at the Project site. All temporary fill has been removed, and the line was placed as described in the site plans. No restriction to flood flows or increases in flood elevation are expected. The Project complies with Rule C.

Recommendations

Based on Project inspection, no further action or inspections are necessary. The Project complies with LMRWD Rule B—Erosion and Sediment Control, and we recommend the permit be closed.

Attachments

Figure 1. Repaired line in Black Dog Lake



Figure 2. Stabilized staging areas

