



Construction Stormwater Permitting & Compliance

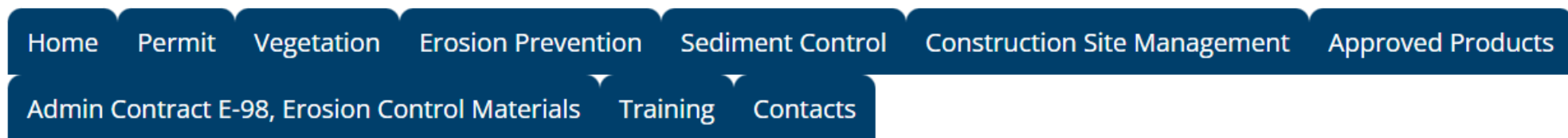
Ken Graeve | Erosion & Stormwater Mgmt Unit Supervisor

SWPPP Review Lessons Learned

- Wetland permitting & MPCA SWPPP review
- 30 day clock doesn't start until MPCA has received complete info
- Have a stormwater treatment plan B
- Early coordination is strongly encouraged

- dot.state.mn.us/environment/erosion/construction-site-management

Erosion Control and Stormwater Management



Construction site management

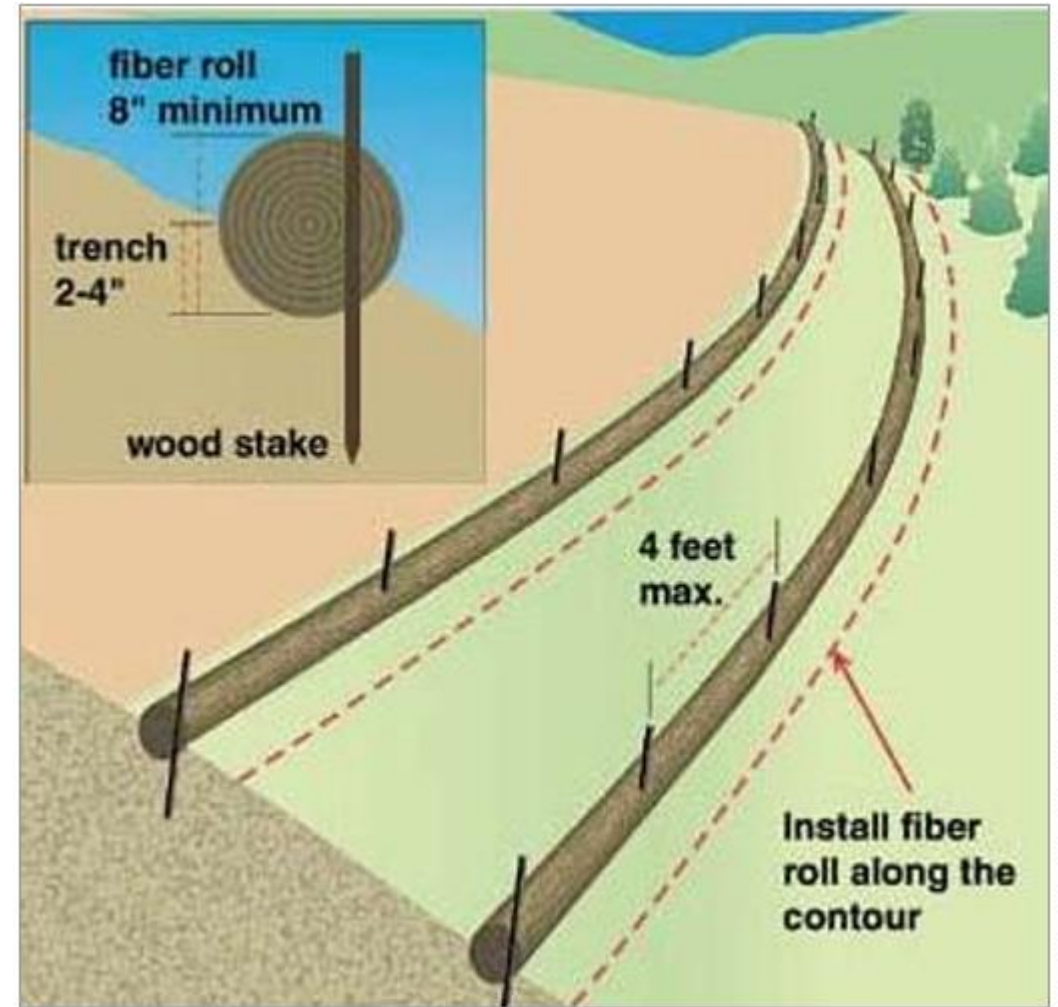
Reporting Spills and Sediment Releases

MnDOT specs require the contractor's Erosion Control Supervisor to report spills and sediment discharges to the state duty officer. See the following documents for more information.

- [Spill Reporting Template \(PDF\)](#)
- [Spill Reporting Fact Sheet \(MPCA\) \(PDF\)](#)
- [Above and Beyond for Spill Reporting \(MPCA\) \(PDF\)](#)

Top 5 Construction Stormwater Compliance Problems

- SWPPP amendments
- BMP maintenance
- On-time stabilization
- Inspection reports
- Redundant perimeter control



Erosion Control & DNR Public Waters Permit

- No plastic netting on blankets
 - MnDOT Standard Specs 2575 & 3885 comply with this
- No plastic fibers in hydromulches
 - Boilerplate Special Provision
 - 2575 ESTABLISHING VEGETATION AND CONTROLLING EROSION (HYDRAULIC MATRIX)

Rolled Erosion Prevention Products

- Erosion Control Blankets and Turf Reinforcement Mats
- 2020 spec update removed plastic from all blankets, re-grouped categories
- Most common categories:
 - Cat 20 (2-sided straw)
 - Slopes \leq 3:1
 - Cat 25 (2-sided wood fiber)
 - Ditch bottoms & Slopes \leq 2:1



REPP Substitutions

- REPP Approved Products List (dot.state.mn.us/products/erosioncontrolandlandscaping/index)
- Substitutions are discouraged; need to be for an equal or higher category approved product
- If 2020 APL is empty for a particular category, choose corresponding category from 2018 APL.
 - Comparison chart available at dot.state.mn.us/environment/erosion/rolled-erosion-prevention-products
- The following categories do not have approved products in either 2020 or 2018. Choose another category or write special provision.
 - 37, 47, 57, 70, 72, 80, 90

- dot.state.mn.us/environment/erosion/vegetation

Erosion Control and Stormwater Management

Home

Permit

Vegetation

Erosion Prevention

Sediment Control

Construction Site Management

Approved Products

Admin Contract E-98, Erosion Control Materials

Training

Contacts

Vegetation

Planting dates

Specified planting times do not always line up with construction schedules, weather, and construction stormwater permit timelines. The following document explains how to apply the standard seeding and sodding dates and when to allow exceptions to them.

- [Planting dates for seeding and sodding.\(Word\)](#)

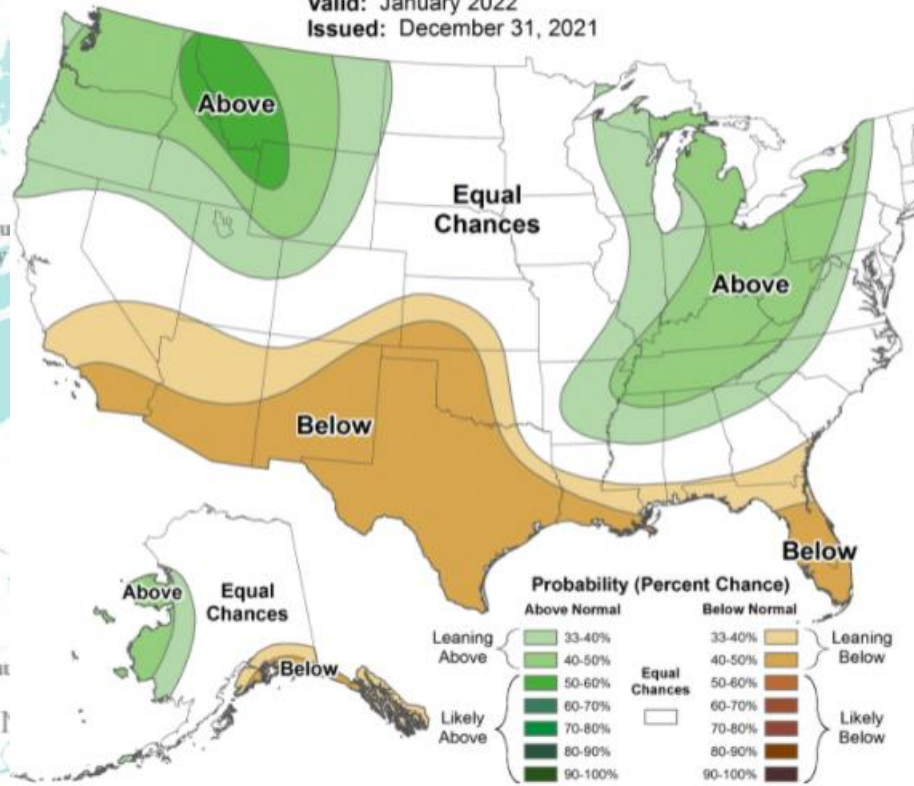
Planting Dates Weather Data

Daily Soil Temp Forecast at 2" Depth



Monthly Precipitation Outlook

Valid: January 2022
Issued: December 31, 2021



mndot.gov

U.S. Drought Monitor

[Current Map](#)

[Maps](#)

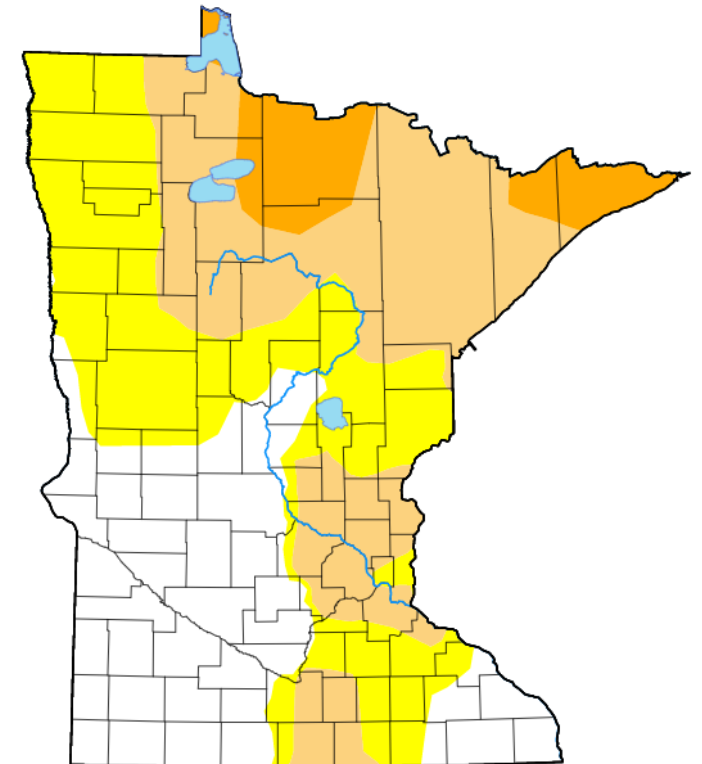
[Data](#)

[Summary](#)

[About](#)

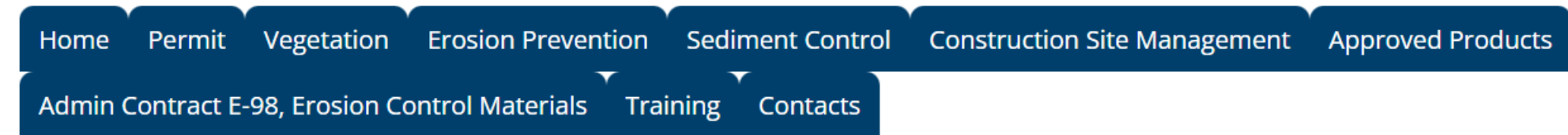
[Conditions](#)

Minnesota



Weed Free Mulch Shortages?

- Verify availability of MnDOT Type 3 Mulch (Certified Weed Free Mulch)
- dot.state.mn.us/environment/erosion/mulch-materials



Mulch Materials

Type 3 Mulch

Also called Certified Weed Free Mulch, Type 3 mulch is the most commonly specified type of straw mulch on MnDOT projects. It is the straw mulch with the most stringent quality assurance to help prevent the spread of noxious weeds. There is no approved products list for Type 3 mulch but it must be certified by the Minnesota Crop Improvement Association (MCIA). This certification is indicated by a MCIA-issued tag that must be attached to each bale before it leaves the production field.

For more information on certified weed free mulch visit the [MCIA Certification Services web page](#).

For help finding certified weed free mulch visit the [MCIA Where to Buy web page](#).

Weed Free Mulch (Type 3 Mulch) Availability

- mncia.org/where-to-buy/



CERTIFIED NOXIOUS WEED SEED-FREE FORAGE & MULCH AVAILABILITY

1900 Hendon Ave, Saint Paul MN 55108 • tel 612-625-7766 • fax 612-625-3748 • mncia@mncia.org • www.mncia.org

Summer / Fall 2021

MCIA polls producers every quarter to determine the amount of Certified Forage & Mulch available for sale.

PRODUCER NAME	PRODUCT	BALE TYPE & LOCATION	NUMBER OF BALES	DATE RECEIVED
Blawat Farms 21370 290 th St NW Viking MN 56760 (218) 684-0750	Wheat	800 lb Large rounds Viking, MN / Marshall County	400	9/15/21
Jerel Enstad 3037 510th St Granite Falls MN 56241 (320) 226-1516 (Jerel) (507) 327-9355 (Kevin)	Wheat	800 lb Large rounds Granite Falls, MN / Yellow Medicine Cty	1,100	8/26/21
Theron Gjersvik 70353 255 th St	Oat	5x5 1,000 lb Large rounds 40 lb Small squares	104 263	9/13/21

Admin Contract E-98 Erosion Control Materials

- Cooperative Purchasing Venture contract
 - Office of State Procurement (mmd.admin.state.mn.us)
 - Secure Area Sign-in (mmd.admin.state.mn.us/process/contract/)
- MnDOT User Guide (dot.state.mn.us/environment/erosion/materials)
 - Color-code product types
 - Intended uses
- Share your feedback on the contract

Reducing Plastic in Erosion Control Materials



Photo: Peter Leete
Transportation Hydrologist | DNR-MnDOT Liaison

Endangered Species Updates

USFWS Listing Workplan

- Bats (FFY22)
 - Little brown and tricolored bats
 - Northern Long-eared Bat, re-listing (possibly Feb. 2022)
 - Likely to be listed as endangered, 4(d)
Rule likely to be revoked
- Monarch Butterfly (FFY24)
 - Monarch Candidate Conservation Agreement w/ Assurances (CCAA)
 - Additional info. on SALT website

For more, contact Chris Smith
(Christopher.E.Smith@state.mn.us / 612-741-7678)



Thank You!

Ken Graeve

Kenneth.graeve@state.mn.us

612-386-6101

dot.state.mn.us/environment/erosion