



SAINT
LOUIS♦
COUNTY
MINNESOTA

**St. Louis County
Land and Minerals
Department**

~

**Gravel Contractor
Pre-work
Training**





S A I N T
LOUIS❖
C O U N T Y
MINNESOTA

Land and Minerals Department

~

Gravel Contractor Pre-work Training

- To move forward - use the keyboard down or right arrows or page down button.
- To move back - use the keyboard up or left arrows or page up button.
- A short test will follow this session.





S A I N T LOUIS[❖] C O U N T Y

MINNESOTA

Land and Minerals Department

~

Gravel Contractor Pre-work Training



Purpose

The purpose of this training is to :

Ensure that prior to commencing any work in St. Louis County Land & Minerals gravel pits, operators are informed and aware of Stormwater Prevention Plans, spill protocol and any areas of special concern that may apply to gravel activities on tax forfeited lands.



S A I N T LOUIS[❖] C O U N T Y

M I N N E S O T A

Land and Minerals Department

~

Gravel Contractor Pre-work Training

Guiding Policies

Land and Minerals Department has Guiding Policies. These are available on the St. Louis County website under Land and Minerals..

These policies commit the Land and Minerals Department to:

- Comply with all Laws and Regulations
- Adhere to MNG490177-Stormwater Pollution Prevention Plan
- Adhered to the 2022 Sustainable Forestry Initiative requirements
- Continually Improve Performance
- Prevent Damage to the Environment
- Recognize and Respect Indigenous Peoples





SAIN T LOUIS[❖] COUNTY

MINNESOTA

Land and Minerals Department

~

Gravel Contractor Pre-work Training

Legal Requirements and Voluntary Guidelines

The Land and Minerals Department is committed to ensuring that all operations conducted on its lands comply with legal requirements and with **Minnesota's Forest Management Guidelines**.

[Forest Management Guidelines / Minnesota Forest Resources Council \(mn.gov\)](#)

The guidelines were created through a multi-disciplined committee in 1995 and are periodically revised.

Operators who conduct work activities on state tax forfeited land in St. Louis County shall be in compliance with all applicable laws and regulations.

Every operator shall comply with all contract requirements and directions given from Land and Minerals Department personnel during the course of work on state tax forfeited lands.



SAIN T LOUIS[❖] COUNTY

MINNESOTA

Land and Minerals Department

~

Gravel Contractor Pre-work Training



Stormwater Pollution Prevention Plan (SWPPP)

**Land and Minerals Department
MNG490177**

The goal of this permit is to reduce pollutant levels in the point source discharges and protect water quality in accordance with the U.S. Clean Water Act, Minnesota statutes and rules and federal laws and regulations.

**Practically, it means that no water
shall leave the pit.**



**Land and Minerals
Department**
~
**Gravel Contractor
Pre-work
Training**

What is included in the SWPPP?

1. SWPPP Intent and Maintenance
 - Application regulations and permits
2. Site Description
 - Location, size, access, ownership
 - Site drainage, receiving waters and buffer zones
 - Pit Development and Reclamation
3. Site Activities and Potential Pollutant Sources
4. Best Management Practices
 - Training, good housekeeping, spill response
 - Filter berms, infiltration basins, etc.
 - Responsible persons
5. Inspections, Maintenance and Recordkeeping
6. Monitoring
 - Surface water runoff, dewatering
7. Reporting



Land and Minerals
Department
~
Gravel Contractor
Pre-work
Training

St. Louis County Ordinance 62

Contractors shall comply with the laws of the State of Minnesota and any local rules, regulations and ordinances of St. Louis County, including Ordinance 62, section 6.22 which includes, but is not limited to:

- Hours of operation shall be limited to: a. 7:00 a.m. to 8:00 p.m., Monday through Saturday.
- No operations may take place on Memorial Day, Independence Day, Labor Day, and Sundays.
- No extractive use shall be within the principal structure setback of a DNR protected water.



S A I N T LOUIS[❖] C O U N T Y

MINNESOTA

Land and Minerals Department

~

Gravel Contractor Pre-work Training

Periodic Inspections will check for compliance with applicable laws and regulations and adherence to the provisions and procedures in Land and Minerals Department contracts.





S A I N T LOUIS[❖] C O U N T Y M I N N E S O T A

Land and Minerals Department

~

Gravel Contractor Pre-work Training

Responsible Operators List

To be eligible to bid on a Land and Minerals Department contract or operate on state tax forfeited lands, the operator must be in good standing on the Responsible Operator List. This applies to all timber harvest operations, road building, forest development projects and gravel operations.

A **Responsible Operator Application Form**, a **Certificate of Compliance with Minnesota Worker's Compensation Law**, and a **Certificate of Liability Insurance** must be on file with the Land and Minerals Department *prior* to commencement of *any* work.

<https://www.stlouiscountymn.gov/departments-a-z/land-minerals/sales-and-contracts/gravel-sales>

This application will remain on file for ONE YEAR with the Land and Minerals Department. The application and this training MUST BE updated each year and the worker's compensation, and liability insurance must be kept current to remain in good standing with the department.

An application can be obtained at any Land and Minerals Department Office or from the St. Louis County Land and Minerals Website.

Return to:

Land and Minerals Dept
Pike Lake
5316 Old Miller Trunk Hwy
Duluth, MN 55811

OR

Land and Minerals Dept
Virginia
7820 MN-135
Virginia, MN 55792



S A I N T LOUIS[❖] C O U N T Y

MINNESOTA

Land and Minerals Department

~

Gravel Contractor Pre-work Training

Responsible Operators – Minimum Requirements

All operators must have the appropriate training, experience and certification to conduct the work activities that are the subject of a contract with the Land and Minerals Department.

Qualifications of operators will be documented on the Responsible Operator Application Form.

Sub-contractors

All sub-contractors MUST be on the Land and Minerals Department Responsible Operator List.

Suppliers

Suppliers and truckers who deliver product to you or provide services to you on a state tax forfeited work site must be under your supervision while conducting any activities on the worksite.

You are responsible for ensuring that their activities do not conflict with Land and Minerals Department requirements and for providing direction in the event of any emergency.



S A I N T LOUIS[❖] C O U N T Y

MINNESOTA

Land and Minerals Department

~

Gravel Contractor Pre-work Training

Items Required On-Site

- All applicable PERMITS
- Haul records
- Map of work site-provided by Land & Minerals
- Spill Kit
- Green placard with contract number clearly marked





S A I N T LOUIS[❖] C O U N T Y

MINNESOTA

Land and Minerals Department

~

Gravel Contractor Pre-work Training

Reporting Spills

Please ensure that everyone in your organization that works on state tax forfeited lands understands which spills are reportable.

Reportable spills are:

- 5 gallons or more of any petroleum product to ground
- ANY quantity of chemical or petroleum product to water

How do you know whether you have spilled 5 gallons?

- Check the capacity of the container, reservoir or tank, from which the product spilled, and assess what if anything is left in the container. If the quantity of material lost from the container is close to 5 gallons, report it.
- Examine the size of the area contaminated by the spill. As a rule of thumb, if it is more than an area of 5 feet by 5 feet, you most likely have spilled 5 gallons and you must report it.

For chemicals other than petroleum products, the reportable quantity should be listed on the Safety Data Sheet (SDS). If the SDS does not show the reportable quantity or if you do not know the reportable quantity, report the spill.

Minnesota Duty Officer – 1-800-422-0798



S A I N T LOUIS[❖] C O U N T Y M I N N E S O T A

Land and Minerals Department

~

Gravel Contractor Pre-work Training

Spills (continued)

STARR

Secure – Telephone – Abate – Recover - Remediate

IF YOU HAVE A REPORTABLE SPILL, FOLLOW THE STARR STEPS:

SECURE the site. The priority is safety.

TELEPHONE a report of incident. You have a legal obligation to immediately report all chemical spills no matter how small.

ABATE the spill. Take actions such as plugging a leaking container, placing absorbent materials or diking a spill area can and minimize health and safety risks, property damage or environmental damage.

RECOVER spilled product. Recover spilled material as quickly as possible by pumping up free liquid, sweeping up absorbent and dry material and place into suitable containers. Spills that soak into the ground may require excavation.

REMEDIATE. Contaminated media (soil, absorbent, water, sediment, debris, or other contaminated material) are to be stockpiled until thin spreading or landfilling is approved.

Minnesota Duty Officer – 1-800-422-0798



SAIN T LOUIS[❖] COUNTY

MINNESOTA

Land and Minerals Department

~

Gravel Contractor Pre-work Training

Spills (continued)

Gravel LEASE Contracts and PERMITS must provide secondary containment and spill prevention during on-site fueling by using drip pans at connection points. An operator must be present and observing the operation at all times when fuel is transferred. Operator will be prepared to stop the fuel transfer operation and quickly initiate spill recovery if a release occurs.

Gravel Operations must have a **spill kit** on site at all times during operations. Operations include any work involving heavy, non-vehicular equipment.

The recommended contents of a spill kit are:

- Emergency phone numbers
- Absorbent pads, snakes and booms
- Trash bags
- Loose absorbent
- Plastic gloves
- Plugs and puncture repair putty

When in doubt, STARR

Secure – Telephone – Abate – Recover - Remediate
Minnesota Duty Officer – 1-800-422-0798



Land and Minerals Department

~

Gravel Contractor Pre-work Training

Fuel Management, Lubricants and Other Chemicals

The Land and Minerals Department is committed to ensuring that fuel management and the management of chemicals on its lands complies with legal requirements.

The legal requirements that apply to fuel and chemical tanks and transportation of said tanks are the MN Department of Transportation Requirements (MN DOT).

Link:

[Hazardous Materials - Commercial Vehicle Operations - MnDOT \(state.mn.us\)](https://state.mn.us/transportation/hazardous-materials-commercial-vehicle-operations-mndot)





Land and Minerals Department

~

Gravel Contractor Pre-work Training

Fuel Management, Lubricants and Other Chemicals

- Review locations for equipment fueling and lubricant activities with Contract Administrator
- Locate fueling, maintenance activities, storage areas away from open water bodies
- Check site map and talk to Contract Administrator to ensure fueling, loading, storage areas are away from areas considered low on the landscape

If in doubt, contact the Contract Administrator.



S A I N T LOUIS[❖] C O U N T Y

MINNESOTA

Land and Minerals Department

~

Gravel Contractor Pre-work Training

Field Pre-work Session

The Land and Minerals Department Contract Administrator may conduct a field pre-work session **PRIOR** to the commencement of work. This session may include discussing the project contract, contract provisions, permits, and map(s) with the site operator and any sub-contractors working on the site.

It is the responsibility of the **site operator or contract owner** to ensure any employees or sub-contractors are aware of the project contract, contract provisions, permits, and map(s).





SAIN T LOUIS[❖] COUNTY

MINNESOTA

Land and Minerals Department

~

Gravel Contractor Pre-work Training

Haul Records

Completed and signed **HAUL RECORDS** (Exhibit A), **GATE KEYS** (if issued), and any overrun payment required must be returned immediately upon permit expiration.

Failure to do so will result in no additional permits being issued to the holder of the expired permit.





S A I N T LOUIS[❖] C O U N T Y

MINNESOTA

Land and Minerals Department

~

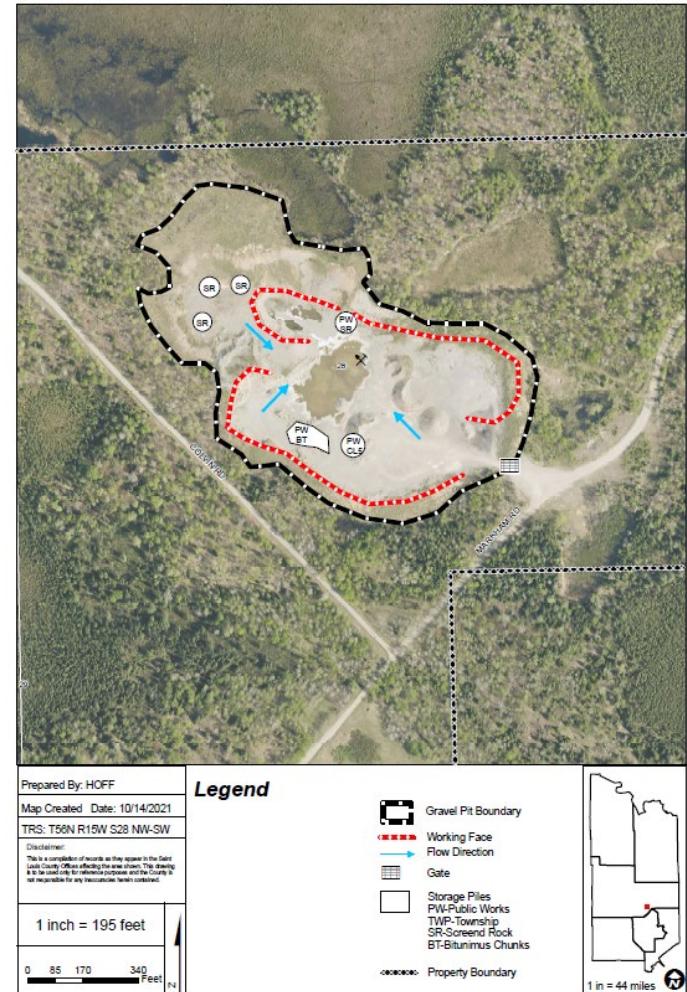
Gravel Contractor Pre-work Training

Maps are provided with each permit. These maps highlight important features of the pit and outline pit operational expectations.

Make sure to review these maps in detail and ask any questions prior to working in the pit.

B.2

St. Louis County
Harris Pit (565-28L)





Land and Minerals Department

~

Gravel Contractor Pre-work Training



The ability to operate in Land & Minerals pits is a privilege and failure to follow the contract and the pit plan will result in the revocation of the privilege.

If any questions or concerns arise while on site, please contact your Contract Administrator immediately.



SAIN T LOUIS[❖] COUNTY

MINNESOTA

Land and Minerals Department

~

Gravel Contractor Pre-work Training

Test Your Knowledge

You will now be asked a series of questions relating to the material in this training module.

Please print out the following page with your selected questions and answers and return them to:

- Your Contract Administrator
- Area Office
- OR email, snail mail ,or fax to:

**St. Louis County
Land and Minerals Department
320 W. 2nd Street
Suite 302
Duluth, MN 55802**

landdept@stlouiscountymn.gov



S A I N T LOUIS[®] C O U N T Y

M I N N E S O T A

Land and Minerals Department

~

Gravel Contractor Pre-work Training

Gravel Pre-work Answer Sheet

- Print off this page
- Indicate your questions/answers below
- RETURN THIS PAGE to Your Contract Administrator or Area Office

NAME:

COMPANY:

Question	Answer
1.	
2.	
3.	
4.	
5.	
6.	
7.	
8.	
9.	
10.	

SIGNATURE:

DATE



S A I N T LOUIS[❖] C O U N T Y

MINNESOTA

Land and Minerals Department

~

Gravel Contractor Pre-work Training TEST

Test Your Knowledge

1. To be eligible to operate on state tax forfeited lands the operator must be in good standing on the Responsible Operators List.
 - a) True
 - b) False



S A I N T LOUIS[❖] C O U N T Y

MINNESOTA

Land and Minerals Department

~

Gravel Contractor Pre-work Training TEST

Test Your Knowledge

- 2) What documents are needed to be on file and up-to-date to remain in good standing on the Responsible Operators List.
 - a) Responsible Operator Application Form
 - b) Certificate of Compliance with MN Workman Compensation Law
 - c) Certificate of Liability Insurance
 - d) All of the above



S A I N T
LOUIS❖
C O U N T Y
MINNESOTA

**Land and Minerals
Department**
~
**Gravel Contractor
Pre-work
Training
TEST**

Test Your Knowledge

3) The application and this Pre-work training MUST be updated how often?

- a) Annually
- b) every 2 years
- c) every 3 years
- d) I only have to do it once



S A I N T LOUIS[❖] C O U N T Y

MINNESOTA

Land and Minerals Department

~

Gravel Contractor Pre-work Training TEST

Test Your Knowledge

4) Items required to be on site by the Land and Minerals Department include the following:

- a) All applicable PERMITS
- b) Haul records (Exhibit A)
- c) Map of work site
- d) Spill kit
- e) Green placard with contract number clearly marked.
- f) A, B and C
- g) All of the above



S A I N T
LOUIS❖
C O U N T Y
M I N N E S O T A

**Land and Minerals
Department**
~
**Gravel Contractor
Pre-work
Training
TEST**

Test Your Knowledge

5) What constitutes a REPORTABLE SPILL:

- a) Five gallons or more of any petroleum product
- b) ANY spill to water
- c) A and B
- d) None of the above



**Land and Minerals
Department**
~
**Gravel Contractor
Pre-work
Training
TEST**

Test Your Knowledge

6) Who do you call **FIRST** when you think you may have a reportable spill:

- a) Land & Minerals Department
- b) Minnesota DNR
- c) Contract Administrator
- d) Minnesota Duty Officer (1800-722-0798)



**Land and Minerals
Department**
~
**Gravel Contractor
Pre-work
Training
TEST**

Test Your Knowledge

7) Main spill kits should include:

- a) Emergency phone numbers
- b) Absorbent pads, snakes and booms, plastic gloves
- c) Trash bags, loose absorbent, plugs, puncture repair putty
- d) All of the above.



S A I N T LOUIS[❖] C O U N T Y

MINNESOTA

Land and Minerals Department

~

Gravel Contractor Pre-work Training TEST

Test Your Knowledge

8) If while operating in a specific gravel pit you notice a condition that is not safe or just isn't right, what should you do about it?

- a) Ignore it - it's not your problem
- b) Call the Contract Administrator
- c) Take a coffee break and hope whatever it is goes away
- d) Take lunch



S A I N T LOUIS[❖] C O U N T Y

MINNESOTA

Land and Minerals Department

~

Gravel Contractor Pre-work Training TEST

Test Your Knowledge

9) It is the responsibility of the _____ to ensure any employees or sub-contractors are aware and trained on the contract/permit/lease provisions and have a copy of the appropriate map(s)

- a) Site operator, permit or contract owner
- b) Area Manager
- c) Sub-contractor
- d) Contract Administrator



S A I N T LOUIS[❖] C O U N T Y

MINNESOTA

Land and Minerals Department

~

Gravel Contractor Pre-work Training TEST

Test Your Knowledge

10) Can you drain water from a pit?

- a) Yes
- b) No