



Extractive Use- Public Works Project Borrow (Gravel) Pit APPLICATION St. Louis County, Minnesota

About: Land Use Permits are required for most building construction activities. They are also required for a variety of other uses. For more information, check out our website at: www.stlouiscountymn.gov/land-use

WHAT ARE YOU APPLYING FOR *Check all that apply to the project.* **PLEASE MAKE CHECKS TO: ST. LOUIS COUNTY AUDITOR**

#1 New Buildings Less than/equal to 1,200 square feet-\$160
Greater than 1,200 square feet-\$315

Dwelling-Home, Mobile Home, Hunting Shack, or Cabin (Includes attached deck, if applicable.)

Replacement of Existing Dwelling-Home, Mobile Home, Hunting Shack, or Cabin. Will the old dwelling be removed from the property? Yes No

If yes, an affidavit must be filled out stating when the old dwelling will be removed.

If this dwelling is a mobile home, there is a special mobile home affidavit to be filled out.

Accessory Dwelling-Guest cottage or bunkhouse. Must follow administrative standards.

Accessory Structure- Garage, Pole Building, shed, sauna, screenhouse or gazebo that either meets lake or river setback or not located in a shoreland area.

Water-oriented Accessory Structure- Boathouse, Sauna, Screenhouse/gazebo on a lake or river located at reduced shoreline setback. Must follow administrative standards.

Commercial Structure

Other Principal Structure

#2 Other Construction/Change in Use-\$80

Addition(s) to Dwelling
Is the dwelling location on a lake or river? Yes No
If Yes above, does the structure meet the required shoreline setback? Yes No If No, structure does not meet the shoreline setback, a performance standard permit or variance may be required. See box #4 or #7.

Addition(s) to Accessory Structure

New Deck Only or Deck Replacement

Combination Addition(s) & Deck on the same structure

Moving a Structure

Sign

Structure Alteration or Component Replacement

Change in Use (i.e. converting an old cabin to storage)

What will the new use of the structure be?
Explain the current and proposed use.
Current: _____ Proposed: _____

Other-\$55

Permit extension beyond 2 years

#3 Subdivisions/Parcel Reviews
Additional Worksheets Required

Plat-Minor Subdivision-\$630

Conventional or Conservation Plat-Less than or equal to 3 lots-\$630

Conventional or Conservation Plat-Greater than 3 lots-\$1,260

Lot Line Adjustment-\$80

Parcel Review-\$80

Performance Standard Subdivision-\$370

#4 Performance Standard-\$370
Additional Worksheets Required

Borrow/Gravel Pit

Home Business

Land Alteration

Nonconforming Structure Replacement

Addition to a structure that does not meet shoreline setback

Other

#5 Site Evaluation

Site Visit/Evaluation-\$160

#6 Wetland Reviews
Additional Worksheets Required

No Loss/Exemption/Replacement Plan-\$160

Wetland Delineation Review-\$370

Wetland Banking Plan Review-\$1,100

#7 Public Hearings
Additional Worksheets Required

Administrative Appeal-\$1,100

Environmental Assessment-\$1,100

Conditional Use Permit-\$630

Conditional Use Permit Rehearing-\$200

Interim Use Permit-\$630

Interim Use Permit Rehearing-\$200

General Purpose Borrow Pit-\$630

Variance-\$630

Variance Rehearing-\$200

Multiple Hearing (Variance/conditional use)-\$950

Rezoning initiated by individual - \$630

Rezoning initiated by Township - \$0

TYPE OF PROPOSED STRUCTURES *Check all that apply to the project.*

<input type="checkbox"/> New Structure(s)	*Structure Type	*Foundation Type	*Maximum Length	*Maximum Width	*Maximum Sq. ft	*Maximum Height
	(Same as box #1 or 2 above)	(Basement, Slab, Pier, etc)	(Exterior Footprint Only)	(Exterior Footprint Only)	(Exterior footprint Only)	(Ground Level to Roof Peak)
			Feet	Feet	Sq. ft.	Feet
			Feet	Feet	Sq. ft.	Feet
			Feet	Feet	Sq. ft.	Feet
<input type="checkbox"/> Structure Additions	*Structure Type	*Foundation Type	*Maximum Length	*Maximum Width	*Maximum Sq. ft	*Maximum Height
	(Same as box #2 above)	(Basement, Slab, Pier, etc)	(Exterior Footprint Only)	(Exterior Footprint Only)	(Exterior footprint Only)	(Ground Level to Roof Peak)
			Feet	Feet	Sq. ft.	Feet
			Feet	Feet	Sq. ft.	Feet
			Feet	Feet	Sq. ft.	Feet

***Indicates required field. Incomplete applications will be returned.**

CONTACT: Planning and Community Development Department

Technical Assistance
Toll Free: 1-800-450-9777
Land Use Information
www.stlouiscountymn.gov/landuse

Duluth
Government Services Center
320 West 2nd Street, Suite 301
Duluth, MN 55802
(218) 725-5000

Virginia
Government Services
201 South 3rd Avenue West
Virginia, MN 55792
(218) 749-7103

Office Use Only
Receipt # _____
Receipt Date _____
Payment Amount _____
Paid By _____



Extractive Use- Public Works Project Borrow (Gravel) Pit

Performance Standard Permit Worksheet St. Louis County, Minnesota

PERMIT TYPE

A. Public Works Project Permit (Requires Performance Standard Permit)

What road, bridge, or other public works project will this material be used for?

Start Date

End Date

Project # CP - SAP 069- -

GENERAL OPERATIONS DESCRIPTION

- Crushing Washing Screening Portable Hot Mix Permanent Hot Mix Recycling of Asphalt
 Recycling of Concrete Other:

Describe the frequency and duration of the applicable activities:

ROAD ACCESS

What road will the proposed pit be accessed from?

- Yes No Do you have authorization for access from the appropriate road authority? If yes, please attach written authorization.

TRAFFIC

How many trucks, on average, will leave the pit per day?

DESCRIPTION OF EXCAVATION

What is the depth of excavation from the original surface? Feet

Estimated volume of material to be excavated per year? Cubic yards

What is the depth of ground water before excavation? Feet

Total area to be excavated*? Acres

*As per MN Rule 4410.4300, Subp. 12, Environmental Review is required if area excavated has potential for 40 acres or more of excavation. See MN Rules for further information regarding Environmental Review process.

PROJECT LOCATION

- Yes No Are there residential properties within 300 feet of the pit, haul roads, stockpile areas, or related pit facilities?

How close is the nearest home? Feet

- Yes No Are there any lakes, rivers, or streams within 300 feet of the pit?

- Yes No Are there wetlands within 300 feet of the pit? (Include the area of the pit)

- Yes No Have the property lines been established? If yes, please attach:
 Certified Land Survey Written agreement with all adjacent property owners

HOURS OF OPERATION (Proposed) Monday through Friday	Saturday	Sunday	Comments
Start: End :	Start: End :	Start: End :	

ENVIRONMENTAL EFFECTS

What dust control measures will be used?

Water Trucks Chloride Other (If other, please explain):

Yes No Will runoff be contained within the pit area?

If no, please explain:

Yes No Will material other than clean fill be deposited within the pit?

If yes, please explain:

SCREENING

What type of visual screening will be used:

From Roads

Vegetative Berm Other

From Adjacent Properties

Vegetative Berm Other

Please Describe:

Yes No Have you obtained your MPCA Borrow Pit Stormwater Permit?

EROSION CONTROL/RECLAMATION PLAN REQUIRED ATTACHMENT

Sign, date and submit attached reclamation plan.

Or describe, in detail, your reclamation efforts both temporary and after exhaustion of the pit.
(Include erosion control measures to be used, seeding, sloping. Attach additional sheets.)

NOTE: All owners are responsible for assuring that pit operators comply with all borrow pit standards. To obtain a copy of the standards go to www.stlouiscountymn.gov/landuse

Extractive Use-Borrow (Gravel) Pit Reclamation Plan

During Mining operation:

- Vegetation will be cleared and disposed of in a manner acceptable to the fire warden and solid waste authority.
- Top soil will be reserved for reapplication and seeded to prevent erosion.
- The pit will be managed by designating a working face and directing activity to that area until depletion of materials. Once an area has been depleted it shall be reclaimed.
- Final grading of the pit face and other slopes will be at a minimum of 3:1.

Reclamation, if applicable, shall be completed prior to the expiration of the permit:

- Reapplication of top soil to depth of 6-9 inches.
- Permanent seeding with native grasses in the spring (April-June) to stabilize erosion.
- Allowing for natural re-vegetation.

Name

Date

Native Seed Mix

36-311

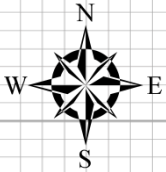
Woodland Edge Northeast

Common Name	Scientific Name	Rate (kg/ha)	Rate (lb/ac)	% of Mix (% by wt)	Seeds/sq ft
fringed brome	<i>Bromus ciliatus</i>	2.24	2.00	5.98%	8.10
bluejoint	<i>Calamagrostis canadensis</i>	0.15	0.13	0.37%	12.90
poverty grass	<i>Danthonia spicata</i>	0.56	0.50	1.50%	4.60
nodding wild rye	<i>Elymus canadensis</i>	1.40	1.25	3.72%	2.38
slender wheatgrass	<i>Elymus trachycaulus</i>	2.24	2.00	5.96%	5.06
fowl bluegrass	<i>Poa palustris</i>	0.98	0.87	2.59%	41.50
False Melic	<i>Schizachne purpurascens</i>	0.28	0.25	0.75%	2.90
	Total Grasses	7.85	7.00	20.87%	77.44
common yarrow	<i>Achillea millefolium</i>	0.03	0.03	0.09%	2.00
pearly everlasting	<i>Anaphalis margaritacea</i>	0.02	0.02	0.05%	1.30
flat-topped aster	<i>Doellingeria umbellata</i>	0.04	0.04	0.12%	1.00
tall cinquefoil	<i>Drymocallis arguta</i>	0.07	0.06	0.19%	5.30
large-leaved aster	<i>Eurybia macrophylla</i>	0.02	0.02	0.05%	0.18
stiff goldenrod	<i>Oligoneuron rigidum</i>	0.16	0.14	0.42%	2.10
smooth wild rose	<i>Rosa blanda</i>	0.18	0.16	0.47%	0.15
black-eyed susan	<i>Rudbeckia hirta</i>	0.29	0.26	0.77%	8.70
gray goldenrod	<i>Solidago nemoralis</i>	0.07	0.06	0.18%	6.80
upland white aster	<i>Solidago ptarmicoides</i>	0.04	0.04	0.13%	1.00
Lindley's Aster	<i>Symphyotrichum ciliolatum</i>	0.03	0.03	0.10%	1.00
smooth aster	<i>Symphyotrichum laeve</i>	0.16	0.14	0.43%	2.90
American vetch	<i>Vicia americana</i>	0.56	0.50	1.50%	0.38
	Total Forbs	1.68	1.50	4.50%	32.81
Oats or winter wheat (see note at beginning of list for recommended dates)		28.02	25.00	74.63%	11.14
	Total Cover Crop	28.02	25.00	74.63%	11.14
	Totals:	37.55	33.50	100.00%	121.39

Extractive Use-Public Works Project Borrow (Gravel) Pit Site Sketch Form

Borrow Pit		Setbacks
Include locations and labels of:		
<input type="checkbox"/> Property lines <input type="checkbox"/> Roads <input type="checkbox"/> Haul road <input type="checkbox"/> Gate <input type="checkbox"/> Wetlands <input type="checkbox"/> Proposed buildings	<input type="checkbox"/> Proposed phased excavation <input type="checkbox"/> DNR protected waters, if applicable <input type="checkbox"/> Existing structures, if applicable <input type="checkbox"/> Utility easements, if applicable <input type="checkbox"/> Existing excavation, if applicable <input type="checkbox"/> Hot mix location, if applicable	<input type="checkbox"/> Property lines <input type="checkbox"/> Road centerline and right-of-way <input type="checkbox"/> Shoreline <input type="checkbox"/> Wetlands

You may submit your own site sketch if drawn to scale and has required information indicated above.



<div style="display: flex; align-items: center;"> <div style="width: 950px; height: 680px; border: 1px solid black; background-image: linear-gradient(to right, black 1px, transparent 1px), linear-gradient(to bottom, black 1px, transparent 1px); background-size: 20px 20px;"> <!-- Grid content --> </div> </div>									
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