

Application Forms Selection (Check all boxes that apply and include the completed form with the submittal.)

Listed below are application forms and required submittals that may be required for a typical industrial wastewater treatment facility application. All required forms must be completed in-full and included with the submittal. The MPCA cannot process an application that does not include all of the required application forms. All forms, instructions, and additional information can be found on the MPCA website at http://www.pca.state.mn.us/enzq915 . Check all boxes that apply. Include a copy of all completed application forms with the submittal.	For MPCA use only		
	Received	Incomplete	Complete
Required for all water quality permits <input checked="" type="checkbox"/> Transmittal Form (wq-wwprm7-03) http://www.pca.state.mn.us/index.php/view-document.html?gid=6275 <input checked="" type="checkbox"/> Application Fee as specified on the Transmittal Form <input checked="" type="checkbox"/> Certification Signature as specified on Transmittal Form	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Required for all new permits and modifications with a change in design flow <input type="checkbox"/> MPCA Design Flow and Loading Determination Guidelines for Wastewater Treatment Facilities, Table 2, Worksheet (wq-wwtp#5.20) http://www.pca.state.mn.us/index.php/view-document.html?gid=13505	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Major NPDES facilities and/or Categorical NPDES facilities <input checked="" type="checkbox"/> U.S. Environmental Protection Agency (EPA) Application Form 1 (10 pages of instructions, 16 pages total) http://www.pca.state.mn.us/index.php/view-document.html?gid=7024 <input type="checkbox"/> EPA Application Form 2C (5 pages of instructions, 25 pages total) http://www.pca.state.mn.us/index.php/view-document.html?gid=7025	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Discharge to surface water (for major and minor facilities) <input type="checkbox"/> Industrial Surface Water Discharge of Process Wastewater Application (wq-wwprm7-20) http://www.pca.state.mn.us/index.php/view-document.html?gid=7027	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Non-contact cooling water <input type="checkbox"/> Industrial Non-Contact Cooling Water Application (wq-wwprm7-28) http://www.pca.state.mn.us/index.php/view-document.html?gid=7043	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Discharge to land <input type="checkbox"/> Industrial Land Discharge of Process Wastewater (wq-wwprm7-21) http://www.pca.state.mn.us/index.php/view-document.html?gid=7029 <input type="checkbox"/> Industrial Land Application of Industrial By-products Application (wq-wwprm7-27)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Discharge to municipal wastewater treatment facility <input type="checkbox"/> Industrial Pretreatment Discharge to a Municipal Wastewater Treatment Facility Application (wq-wwprm7-23) http://www.pca.state.mn.us/index.php/view-document.html?gid=7033	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Treatment facilities using stabilization ponds <input checked="" type="checkbox"/> Municipal and Industrial Pond Attachment (wq-wwprm7-11) http://www.pca.state.mn.us/index.php/view-document.html?gid=7002	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Stormwater management for wastewater treatment permit holders <input checked="" type="checkbox"/> Industrial Stormwater Multi-Sector NPDES/SDS Permit Application (wq-wwprm7-60a) http://www.pca.state.mn.us/index.php/view-document.html?gid=19364 Instructions for Industrial Stormwater Permit Application Attachment to NPDES/SDS permit (wq-wwprm7-60b) http://www.pca.state.mn.us/index.php/view-document.html?gid=19368	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Additional attachments <input type="checkbox"/> Additional Station Location Attachment (wq-wwprm7-49) http://www.pca.state.mn.us/index.php/view-document.html?gid=7049 <input type="checkbox"/> Additional Chemical Additives Attachment (wq-wwprm7-48) http://www.pca.state.mn.us/index.php/view-document.html?gid=7051	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Supplemental information (This information may be information required on one, or more of the forms listed above, such as a map. A single map that provides all the information required from multiple forms may be acceptable. A separate copy of each form is not required.) <input checked="" type="checkbox"/> Topographic map. <input type="checkbox"/> A schematic drawing or treatment process flow diagram showing all treatment components, direction of flow, compliance monitoring station locations, and discharge locations.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

<input type="checkbox"/> List any additional documents, reports, plans, or attachments included as part of the application package. (Common types of supplemental information may include maps, process flow diagrams, facility plans, engineering reports, plans and specifications, technical checklists and other reports related to the facility or proposed project.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other waste types Some facilities may also include other waste types that are not covered by this checklist. Facilities with multiple types of wastes should review the other permit application checklists to determine if additional forms and attachments may be required.			
<input type="checkbox"/> Permit Application Checklist for Municipal/Domestic Wastewater (wq-wwprm7-04a)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Permit Application Checklist for Miscellaneous Waste Types (wq-wwprm7-04c)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Permit Application Checklist for Water Treatment (wq-wwprm7-04d)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



Minnesota Pollution Control Agency

520 Lafayette Road North
St. Paul, MN 55155-4194

Transmittal Form

NPDES/SDS Permit Program

Doc Type: Permit Application

Instructions on Page 6

The National Pollutant Discharge Elimination System (NPDES)/State Disposal System (SDS) Permit Program regulates wastewater discharges to land and surface waters. This form is required for all applicants, except permit termination/transfer.

Complete the application by typing or printing in black ink. Attach additional sheets as necessary. For more information, please contact the Minnesota Pollution Control Agency (MPCA) at: In Metro Area: 651-296-6300 or Outside Metro Area: 800-657-3864.

MPCA use only
Permit Number
Date Received (MM/DD/YYYY)

Existing Permit Information

Existing Permittee name: Jordan Aggregates, LLC Existing Permit number: MN

Contact Information

1. Facility Owner

Organization name: Jordan Aggregates, LLC

Mailing address: 650 Quaker Avenue

City: Jordan State: MN Zip: 55352-0069

Telephone: 952-492-5700 Fax: 952-492-5705 E-mail: steve@smhentges.com

Authorized agent: Steve Hentges Title: _____

2. Facility Operator

Organization name: See Facility Owner

Mailing address: _____

City: _____ State: _____ Zip: _____

Telephone: _____ Fax: _____ E-mail: _____

Authorized agent: _____ Title: _____

24-hour Emergency contact backup:

Name: _____ Phone: _____

3. Discharge Monitoring Report contact

Organization name: NA

Name: _____ Title: _____

Mailing address: _____

City: _____ State: _____ Zip: _____

Telephone: _____ Fax: _____ E-mail: _____

4. Billing contact

Organization name: See Facility Owner

Name: _____ Title: _____

Mailing address: _____

City: _____ State: _____ Zip: _____

Telephone: _____ Fax: _____ E-mail: _____

24-hour Emergency contact backup:

Name: _____ Phone: _____

5. Engineer or Consultant

Organization name: Carlson McCain, Inc.

Name: John McCain Title: Vice President

Mailing address: 5300 Highway 12

City: Maple Plain State: MN Zip: 55359

Telephone: 952-346-3850 Fax: 952-346-3901 E-mail: jmccain@carlsonmccain.com

Certified Operator Information (if applicable)

Certified operators are required for all municipal facilities and for industrial land application facilities.

6. Main certified operator

Name: _____ Title: _____

Certification (check all that apply): A B C D Type IV Type v

Certification number: _____ Expiration date: _____

7. Other certified operator(s) (attach additional sheets if necessary)

Name: _____ Title: _____

Certification (check all that apply): A B C D Type IV Type v

Certification number: _____ Expiration date: _____

Name: _____ Title: _____

Certification (check all that apply): A B C D Type IV Type v

Certification number: _____ Expiration date: _____

Name: _____ Title: _____

Certification (check all that apply): A B C D Type IV Type v

Certification number: _____ Expiration date: _____

Facility Information

8. Facility Information (Sand and gravel facilities can skip to #9.)

Facility name: _____

Street address: _____

City/Township: _____ State: _____ Zip: _____

County: _____

Township (26-71 or 101-168)	Range (1-51)	Section (1-36)	¼ Section (NW, NE, SW, SE)	¼ of ¼ Section (NW, NE, SW, SE)
T N	R <input type="checkbox"/> E <input type="checkbox"/> W			
Latitude	Longitude	Datum	Coordinate collection method	Date coordinate collected

9. Is the facility located on tribal land? Yes No If yes, also apply to U.S. Environmental Protection Agency (EPA), Region V, John Coletti (312-886-6106).

10. The 1993 Legislature revised the MPCA's responsibilities in Minn. Stat. § 115.03, subd. 1 (e)(10) "Requiring that applicants for wastewater discharge permits evaluate in their applications the potential reuses of the discharged wastewater;"

As a result of this 1993 Law, the MPCA has been charged with requiring permit applicants to evaluate the reuse potential of their wastewater prior to discharge. Therefore, please provide an evaluation below of reuse potential of your wastewater prior to discharge. Some ideas include lawn watering, irrigation of parks or public property, use of cooling tower blowdown for thermal discharges, wetland reclamation, etc.

Wastewater will only be created in the form of aggregate wash water. This water will be settled in a wash water recycle basin and be reused for further washing. No wash water will be discharged from the Slte.

11. List all environmental permits the facility has received or applied for:

NA

Surface Water Discharge (Sand and gravel facilities can skip to the application information section.)

12. Does the facility discharge to a surface water of the state? Yes No
If no, the surface water discharge section does not need to be completed.
13. Identify all surface water discharge stations.

Station ID: SD South Pipe Outlet

Township (26-71 or 101-168)	Range (1-51)	Section (1-36)	¼ Section (NW, NE, SW, SE)	¼ of ¼ Section (NW, NE, SW, SE)	
T 114 N	R 23 <input type="checkbox"/> E <input checked="" type="checkbox"/> W	17	NW	NE	
Latitude	Longitude	Datum	Coordinate collection method	Date coordinate collected	
44.687476	-93.612882	NAD83	Design Drawing		
UTM Northing	UTM Easting	UTM Zone	UTM Datum	Coordinate collection method	Date coordinate collected
Receiving water:	Sand Creek				

Station ID: SD South Overflow

Township (26-71 or 101-168)	Range (1-51)	Section (1-36)	¼ Section (NW, NE, SW, SE)	¼ of ¼ Section (NW, NE, SW, SE)	
T 114 N	R 23 <input type="checkbox"/> E <input checked="" type="checkbox"/> W	17	NW	NE	
Latitude	Longitude	Datum	Coordinate collection method	Date coordinate collected	
44.687476	-93.612882	NAD83	Design Drawing		
UTM Northing	UTM Easting	UTM Zone	UTM Datum	Coordinate collection method	Date coordinate collected
Receiving water:	Sand Creek				

Groundwater Monitoring Wells

14. Are there groundwater monitoring wells at the facility? Yes No *If no, the groundwater monitoring wells section does not need to be completed.*
15. Identify all groundwater monitoring well station locations:

Station ID: GW MW-1

Township (26-71 or 101-168)	Range (1-51)	Section (1-36)	¼ Section (NW, NE, SW, SE)	¼ of ¼ Section (NW, NE, SW, SE)	
T 114 N	R 23 <input type="checkbox"/> E <input checked="" type="checkbox"/> W	17	NW	NW	
UTM Northing	UTM Easting	UTM Zone	UTM Datum	Coordinate collection method	Date coordinate collected
4948485.151	450652.405	15E	NAD83	GPS Survey	8/25/09

Station ID: GW MW-2

Township (26-71 or 101-168)	Range (1-51)	Section (1-36)	¼ Section (NW, NE, SW, SE)	¼ of ¼ Section (NW, NE, SW, SE)	
T 114 N	R 23 <input type="checkbox"/> E <input checked="" type="checkbox"/> W	8	SW	SW	
UTM Northing	UTM Easting	UTM Zone	UTM Datum	Coordinate collection method	Date coordinate collected
4948628.757	450806.338	15E	NAD83	GPS Survey	8/25/09

Station ID: GW MW-3

Township (26-71 or 101-168)	Range (1-51)	Section (1-36)	¼ Section (NW, NE, SW, SE)	¼ of ¼ Section (NW, NE, SW, SE)	
T 114 N	R 23 <input type="checkbox"/> E <input checked="" type="checkbox"/> W	8	SE	SW	
UTM Northing	UTM Easting	UTM Zone	UTM Datum	Coordinate collection method	Date coordinate collected
4948787.780	450975.931	15E	NAD83	GPS Survey	8/25/09

Surface Water Discharge (Sand and gravel facilities can skip to the application information section.)

12. Does the facility discharge to a surface water of the state? Yes No
If no, the surface water discharge section does not need to be completed.
13. Identify all surface water discharge stations.

Station ID: SD

Township (26-71 or 101-168)		Range (1-51)		Section (1-36)		¼ Section (NW, NE, SW, SE)		¼ of ¼ Section (NW, NE, SW, SE)	
T	N	R	<input type="checkbox"/> E <input type="checkbox"/> W						
Latitude		Longitude		Datum		Coordinate collection method		Date coordinate collected	
UTM Northing		UTM Easting		UTM Zone		UTM Datum		Coordinate collection method	
Receiving water:									

Station ID: SD

Township (26-71 or 101-168)		Range (1-51)		Section (1-36)		¼ Section (NW, NE, SW, SE)		¼ of ¼ Section (NW, NE, SW, SE)	
T	N	R	<input type="checkbox"/> E <input type="checkbox"/> W						
Latitude		Longitude		Datum		Coordinate collection method		Date coordinate collected	
UTM Northing		UTM Easting		UTM Zone		UTM Datum		Coordinate collection method	
Receiving water:									

Groundwater Monitoring Wells

14. Are there groundwater monitoring wells at the facility? Yes No *If no, the groundwater monitoring wells section does not need to be completed.*
15. Identify all groundwater monitoring well station locations:

Station ID: GW MW-4

Township (26-71 or 101-168)		Range (1-51)		Section (1-36)		¼ Section (NW, NE, SW, SE)		¼ of ¼ Section (NW, NE, SW, SE)	
T 114	N	R 23	<input type="checkbox"/> E <input checked="" type="checkbox"/> W	8		SE		SW	
UTM Northing		UTM Easting		UTM Zone		UTM Datum		Coordinate collection method	
4948886.980		451232.886		15E		NAD83		GPS Survey	
Date coordinate collected 8/25/09									

Station ID: GW

Township (26-71 or 101-168)		Range (1-51)		Section (1-36)		¼ Section (NW, NE, SW, SE)		¼ of ¼ Section (NW, NE, SW, SE)	
T	N	R	<input type="checkbox"/> E <input type="checkbox"/> W						
UTM Northing		UTM Easting		UTM Zone		UTM Datum		Coordinate collection method	

Station ID: GW

Township (26-71 or 101-168)		Range (1-51)		Section (1-36)		¼ Section (NW, NE, SW, SE)		¼ of ¼ Section (NW, NE, SW, SE)	
T	N	R	<input type="checkbox"/> E <input type="checkbox"/> W						
UTM Northing		UTM Easting		UTM Zone		UTM Datum		Coordinate collection method	

Station Locations

16. Identify all other permitted station locations not identified above:

Station ID:

Station type: Influent Waste Stream (WS) Internal Waste Stream (WS) Surface Water Monitoring (SW)
 Land Application (LA) Other (specify): _____

Township (26-71 or 101-168)		Range (1-51)		Section (1-36)	¼ Section (NW, NE, SW, SE)	¼ of ¼ Section (NW, NE, SW, SE)
T	N	R	<input type="checkbox"/> E <input type="checkbox"/> W			
Latitude		Longitude		Datum	Coordinate collection method	Date coordinate collected

Surface water (surface water monitoring stations only): _____

Station ID:

Station type: Influent Waste Stream (WS) Internal Waste Stream (WS) Surface Water Monitoring (SW)
 Land Application (LA) Other (specify): _____

Township (26-71 or 101-168)		Range (1-51)		Section (1-36)	¼ Section (NW, NE, SW, SE)	¼ of ¼ Section (NW, NE, SW, SE)
T	N	R	<input type="checkbox"/> E <input type="checkbox"/> W			
Latitude		Longitude		Datum	Coordinate collection method	Date coordinate collected

Surface water (surface water monitoring stations only): _____

Station ID:

Station type: Influent Waste Stream (WS) Internal Waste Stream (WS) Surface Water Monitoring (SW)
 Land Application (LA) Other (specify): _____

Township (26-71 or 101-168)		Range (1-51)		Section (1-36)	¼ Section (NW, NE, SW, SE)	¼ of ¼ Section (NW, NE, SW, SE)
T	N	R	<input type="checkbox"/> E <input type="checkbox"/> W			
Latitude		Longitude		Datum	Coordinate collection method	Date coordinate collected

Surface water (surface water monitoring stations only): _____

Submittals

- The applicable application and any applicable attachments required by the application.
- Map: attach a U.S. Geological Survey topographical map or similar that indicates the location of the existing or proposed facility, the location of the stations identified above, the receiving water (if applicable) and any additional information required by the applications applicable to your facility.
- Schematic: attach a schematic of the treatment facility that includes all facility components, indicating the direction of wastewater flow and the location of the stations identified above.
- (Industrial facilities only) Flow Diagram or Water Balance Diagram: attach a flow diagram on the process in its entirety from raw water to discharge.
- (Major Municipal facilities only) Facility Description: attach a facility description that describes the collection system and wastewater treatment facility.

Note: Please ensure this form and all applicable applications and attachments are complete. Incomplete applications will be returned. Review your existing NPDES/SDS Permit to ensure all required submittals have been completed. Failure to complete the application for reissuance or failure to complete requirements of the existing permit is considered a violation and may be subject to enforcement.

Application Fees

An application fee is required under Minn. Stat. § 116.07, subd. 4d (1990) and Minn. R. ch. 7002 (Permit Fee Rules). The application fee is determined by the type of permit you are applying for. Please make your check payable to the MPCA.

Indicate which type of permit you are applying for:

(refer to flow chart on page 8 of the instructions to determine the appropriate fee category)

- | | |
|--|---|
| <input type="checkbox"/> Individual Permit Reissuance, no modifications: \$1240 | <input checked="" type="checkbox"/> Individual Permit Issuance: \$9300 |
| <input type="checkbox"/> Individual Permit Reissuance, modifications: \$2480 | <input type="checkbox"/> Individual Pretreatment Permit Issuance: \$2480 |
| <input type="checkbox"/> Individual Permit Reissuance, construction: \$2480 | <input type="checkbox"/> Individual Dredge Materials Disposal Permit Issuance: \$2480 |
| <input type="checkbox"/> Individual Permit Reissuance, construction, increased design flow: \$9300 | <input type="checkbox"/> Individual Stormwater Permit Issuance: \$400 |
| <input type="checkbox"/> Individual Permit Minor Modification: \$1240 | <input type="checkbox"/> Biosolids Treatment or Storage Permit Issuance: \$9300 |
| <input type="checkbox"/> Individual Permit Major Modification: \$2480 | <input type="checkbox"/> General Permit (MNG) Reissuance: \$1240 |
| <input type="checkbox"/> Individual Permit Major Modification, construction: \$2480 | <input type="checkbox"/> General Permit (MNG) Issuance: \$1240 |
| <input type="checkbox"/> Individual Permit Major Modification, construction, increased design flow: \$9300 | <input type="checkbox"/> General Permit (MNG) Modification: \$1240 |

Certification

Federal Regulations (40 CFR Part 122.22) and State Regulations (Minn. R. 7001.0060) require all permit applications to be signed as follows:

- A. For a corporation: by a responsible corporate officer. For the purpose of this permit, a responsible corporate officer means: 1) a president, secretary, treasurer or vice president of the corporation in charge of a principal business function, or any other person who performs similar policy or decision-making functions for the corporation; or 2) The manager of one or more manufacturing, production or operating facilities employing more than 250 persons or having a gross annual sales or expenditures exceeding 425 million, if authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures.
- B. For a partnership or sole proprietorship: by a general partner or the proprietor, respectively.
- C. For a municipality, county or other political subdivision: by a principal executive officer or ranking elected official.
- D. For a state, federal or other public agency/agents: by a commissioner, assistant or deputy commissioner; director, assistant or deputy director.

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Printed name: Steven M. Hentges Title: Owner
Authorized signature: [Signature] Date: 2/28/14
State tax ID#: 476-64-6040 Federal tax ID#: 476-64-6040

Applications that are submitted without an authorized signature, the required application fee, and attachments will be returned. Please make a copy for your records. Send the completed permit application, attachments (including plans and specifications, if applicable), and check to:

Attn: Fiscal Services – 6th floor
Minnesota Pollution Control Agency
520 Lafayette Road North
St. Paul, MN 55155-4194

Instructions

Questions 1-7. Identify the appropriate person and address for each contact type. It is important this information is accurate; this information is utilized by MPCA staff to contact the facility. If one person is used as multiple contacts, enter the name only if the address is identical. Refer to the Certification for definition of an authorized agent.

Questions 1 and 2 - Identify the appropriate organization, address and agent for each contact type. If a facility is leasing a building or land, these questions pertain to the owner/operator of the activities covered by the permit, not the land or building owner. The operator runs the facility on a day-to-day basis. If a separate management organization operates the facility, its name goes there. Fill in the operator information if applicable; if not, fill in "N/A". If the facility has more than one owner and/or operator, for example a partnership, then also provide the additional owner/operator's information (attach additional sheets as necessary).

Question 8. For instructions on how to complete the table for the facility location, refer to the instructions for Question 13 below.

Question 11. Identify all environmental permits or construction approvals received or applied for under any of the following programs: Hazardous Waste Management under the Resource Conservation and Recovery Act (RCRA), Underground Injection Control Program under the Safe Water Drinking Act (SDWA), NPDES Program under the Clean Water Act (CWA), Prevention of Significant Deterioration (PSD) under the Clean Air Act (CAA), Nonattainment Program under the CAA, National Emission Standards for Hazardous Air Pollutants (NESHAPS) preconstruction approval under the CAA, ocean dumping permits under the Marine Protection Research and Sanctuaries Act, dredge or fill permit under section 404 or the CWA and other relevant environmental permits.

Question 13. Complete the table for each surface water discharge point. The location of a surface water discharge is defined as the location where a wastewater discharge enters a surface water (not where the pipe leaves the wastewater facility structure). If a pipe extends out into a river or lake, the location is identified where the pipe leaves the shore and enters the body of water. If the discharge is to a tile line or storm sewer the location is identified where the tile line or storm sewer enters a surface water. If the discharge is into an open ditch or ravine, the location is identified as the point where the discharge leaves the pipe and enters the open ditch. For new facilities, enter as much information as available and provide a name or description for the Station ID.

Example:

Station ID: SD 002 Main Facility Discharge

Township (26-71 or 101-168)	Range (1-51)	Section (1-36)	¼ Section (NW, NE, SW, SE)	¼ of ¼ Section (NW, NE, SW, SE)	
T 109 N	R 28 <input type="checkbox"/> E <input checked="" type="checkbox"/> W	5	NW	NW	
Latitude	Longitude	Datum	Coordinate collection method	Date coordinate collected	
44.279510	-94.228549	NAD83	DOQ (aerial photo)	4/27/2009	
UTM Northing	UTM Easting	UTM Zone	UTM Datum	Coordinate collection method	Date coordinate collected
401978.10090	4903661.23061	15N	NAD83	DOQ (aerial photo)	4/27/2009
Receiving water:	Swan Lake				

UTM coordinates for surface water discharge stations are not required.

A datum for Latitude/Longitude and Universal Transverse Mercator (UTM) should be specified. For latitude/longitude coordinates, this will either be NAD83 or WGS84 (the default on most GPS units). For UTM, this will likely be NAD83 or NAD27. NAD83 is preferred.

For latitude/longitude and UTM indicate the method of collection and the date of collection. Methods of collection include:

- GPS – Survey Quality
- GPS – Recreational Receiver WAAS enabled (Real Time Differential Corrected)
- GPS – Recreational Receiver Uncorrected
- GPS – Unknown
- Digitized – Web Map Google / Yahoo / Microsoft
- Digitized – Digital Raster Graph (DRG) (USGS 7.5 min topographic map 1:24,000 scale)
- Digitized – Digital Ortho Quad (DOQ) (USGS aerial photo 1:24,000 scale)

Note: If more space is needed for additional stations, refer to the MPCA Web site at <http://www.pca.state.mn.us/water/permits/index.html> for an Additional Station Location Attachment.

Question 15. For instructions on how to complete the table for the Groundwater Monitoring Wells, refer to the instructions for Question 13. For Groundwater Monitoring Wells, UTM coordinates are required. If this is an existing facility, refer to the current NPDES/SDS Permit for Station ID and Station Type. For new facilities, enter as much information as available.

Question 16. For instructions on how to complete the table for all other permitted stations not identified in the Surface Water Discharge or Groundwater Monitoring Wells sections, refer to the instructions for Question 13. If this is an existing facility, refer to the current NPDES/SDS Permit for Station ID and Station Type. For new facilities, enter as much information as available.

Submittals

Map: The map information requested may require multiple maps of varying scales. The map identifying the location of surface discharges and surface water monitoring must be small enough to identify locations of outfalls, etc. but large enough to include identifiable features such as roads and waterways. Maps that require more detail, for example identifying the location of tanks or biosolids storage facilities, may require a smaller map scale. Read the applications applicable to your facility, many require additional information to be included on the map(s).

Flow diagram or water balance diagram: This diagram is a line drawing of the water flows through the facility, showing those operations contributing wastewater to the effluent and treatment units; similar processes, operations, or production areas may be indicated as a single unit, labeled to correspond to the contributing process; and a description of the treatment the wastewater receives, including the storage and ultimate disposal of any solid or fluid wastes other than by discharge; the water balance must show approximate average flows at intake and discharge points and between units, including treatment units and evaporation/atmospheric drift releases), highlighting proposed changes from currently NPDES/SDS-authorized facility. On the flow diagram, indicate any addition points for chemical additives.

Application Fees

The application fee is determined by the application type. Refer to the flow chart on page 8 to determine the application type. For more information on the application fees, please refer to the Water Quality Fee Guidance located at <http://www.pca.state.mn.us/water/permits/index.html>.

Note: Minn. R. 7002.0253 requires additional points for designated permit activities (ex. flow increase, Environmental Assessment Worksheet (EAW), Nondegradation, etc.). If applicable, these additional points will be billed to the Permittee before the permit is final issued. Please refer to the Water Quality Fee Guidance located at <http://www.pca.state.mn.us/water/permits/index.html> or Minn. R. 7002.0253 for more information.

Definitions (for flow chart on page 8)

Individual Permit: For permit reissuances or modifications, the existing permit number begins with MN00. For permit issuances, all municipal permits are issued an individual permits. For industrial permit issuances, you may be eligible for a general permit. The general permit qualifications are indicated on the appropriate applications.

General Permit: For permit reissuance or modifications, the existing permit number begins with MNG, MNR, or MNP. For municipal permit issuances, facilities are not eligible for a general permit. For industrial permit issuances, general permit qualifications are indicated on the appropriate applications.

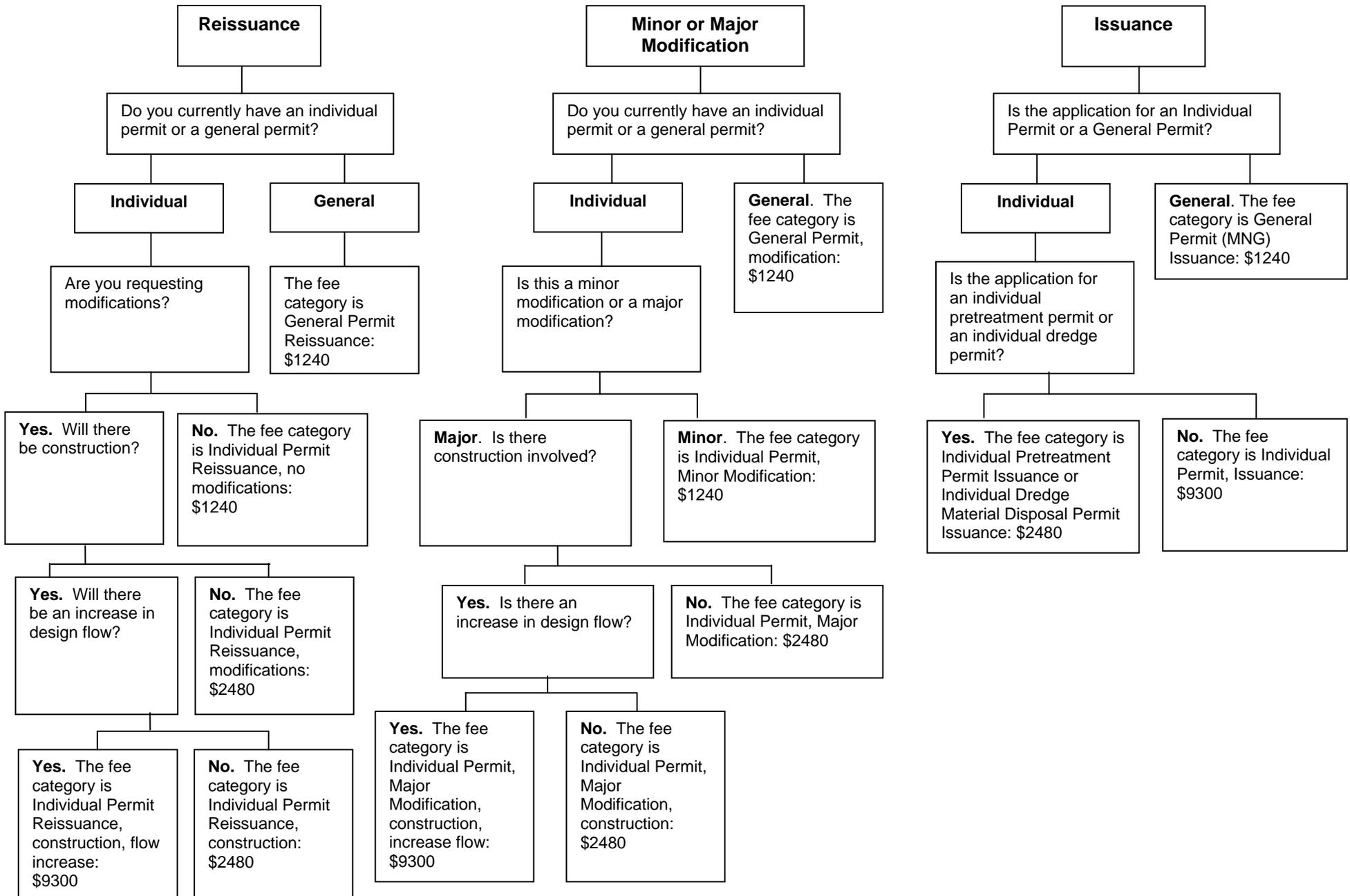
Modifications: In the application for reissuance, the Permittee is requesting changes to the existing permit; for example, addition of chemical treatment, addition of a storage facility, replacement of existing equipment, rehab of existing equipment, etc.

Construction: Permittee will be constructing new treatment components or upgrading or expanding the facility.

Minor Modification: The Permittee is requesting a modification to an existing permit mid permit cycle. A Permittee qualifies for a minor modification if the modifications are to correct errors, require more frequent monitoring, change in a voluntary construction schedule or removal of a monitoring station that has been terminated.

Major Modification: The Permittee is requesting a modification to an existing permit mid permit cycle. A Permittee qualifies for a major modification if there are substantial alterations or additions to the facility, change in a compliance schedule, etc.

Reissuance, Issuance, or Modification Flow Chart



Disclaimer

This is an updated PDF document that allows you to type your information directly into the form, print it, and save the completed form.

Note: This form can be viewed and saved only using Adobe Acrobat Reader version 7.0 or higher, or if you have the full Adobe Professional version.

Instructions:

1. Type in your information
2. Save file (if desired)
3. Print the completed form
4. Sign and date the printed copy
5. Mail it to the directed contact.



Permits Division

Application Form 1 – General Information

Consolidated Permits Program

This form must be completed by all persons applying for a permit under EPA's Consolidated Permits Program. See the general instructions to Form 1 to determine which other application forms you will need.

DESCRIPTION OF CONSOLIDATED PERMIT APPLICATION FORMS	FORM 1 PACKAGE TABLE OF CONTENTS
<p>The Consolidated Permit Application Forms are:</p> <p>Form 1 – General Information (<i>included in this part</i>);</p> <p>Form 2 – Discharges to Surface Water (<i>NPDES Permits</i>):</p> <p>2A. Publicly owned Treatment Works (<i>Reserved - not included in this package</i>),</p> <p>2B. Concentrated Animal Feeding Operations and Aquatic Animal Production Facilities (not included in this package),</p> <p>2C. Existing Manufacturing, Commercial, Mining, and Silvicultural Operations (<i>not included in this package</i>), and</p> <p>2D. New Manufacturing, Commercial, Mining, and Silvicultural Operations (<i>Reserved - not included in this package</i>);</p> <p>Form 3 – Hazardous Waste Application Form (<i>RCRA Permits - not included in this package</i>);</p> <p>Form 4 – Underground Injection of Fluids (<i>UIC Permits - Reserved - not included in this package</i>); and</p> <p>Form 5 – Air Emissions in Attainment Areas (<i>PSD Permits - Reserved - not included in this package</i>).</p>	<p>Section A. General Instructions</p> <p>Section B. Instructions for Form 1</p> <p>Section C. Activities Which Do Not Require Permits</p> <p>Section D. Glossary</p> <p>Form 1 (<i>two copies</i>)</p>

SECTION A – GENERAL INSTRUCTIONS

Who Must Apply

With the exceptions described in Section C of these instructions, Federal laws prohibit you from conducting any of the following activities without a permit.

NPDES (*National Pollutant Discharge Elimination System Under the Clean Water Act, 33 U.S.C. 1251*). Discharge of pollutants into the waters of the United States.

RCRA (*Resource Conservation and Recovery Act, 42 U.S.C. 6901*). Treatment, storage, or disposal of hazardous wastes.

UIC (*Underground Injection Control Under the Safe Drinking Water Act, 42 U.S.C. 300f*). Injection of fluids underground by gravity flow or pumping.

PSD (*Prevention of Significant Deterioration Under the Clean Air Act, 72 U.S.C. 7401*). Emission of an air pollutant by a new or modified facility in or near an area which has attained the National Ambient Air Quality Standards for that pollutant.

Each of the above permit programs is operated in any particular State by either the United States Environmental Protection Agency (EPA) or by an approved State agency. You must use this application form to apply for a permit for those programs administered by EPA. For those programs administered by approved states, contact the State environmental agency for the proper forms.

If you have any questions about whether you need a permit under any of the above programs, or if you need information as to whether a particular program is administered by EPA or a State agency, or if you need to obtain application forms, contact your EPA Regional office (*listed in Table 1*).

Upon your request, and based upon information supplied by you, EPA will determine whether you are required to obtain a permit for a particular facility. Be sure to contact EPA if you have a question, because Federal laws provide that you may be heavily penalized if you do not apply for a permit when a permit is required.

Form 1 of the EPA consolidated application forms collects general information applying to all programs. You must fill out Form 1 regardless of which permit you are applying for. In addition, you must fill out one of the supplementary forms (*Forms 2 – 5*) for each permit

needed under each of the above programs. Item II of Form 1 will guide you to the appropriate supplementary forms.

You should note that there are certain exclusions to the permit requirements listed above. The exclusions are described in detail in Section C of these instructions. If your activities are excluded from permit requirements then you do not need to complete and return any forms.

NOTE: Certain activities not listed above also are subject to EPA administered environmental permit requirements. These include permits for ocean dumping, dredged or fill material discharging, and certain types of air emissions. Contact your EPA Regional office for further information.

Table 1. Addresses of EPA Regional Contacts and States Within the Regional Office Jurisdictions

REGION 1

Permit Contact, Environmental and Economic Impact Office, U.S. Environmental Protection Agency, 1 Congress St., Suite 1100, Boston, MA 02114-2023, Phone: (617) 918-1111, Fax: (617) 918-1809, Toll free within Region 1: (888) 372-7341, <http://www.epa.gov/region01/>.
Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont.

REGION 2

Permit Contact, Permits Administration Branch, U.S. Environmental Protection Agency, 290 Broadway, New York, NY 10007-1866, Phone: (212) 637-3000, Fax: (212) 637-3526, <http://www.epa.gov/region02/>.
New Jersey, New York, Virgin Islands, and Puerto Rico.

REGION 3

Permit Contact (3 EN 23), U.S. Environmental Protection Agency, 1650 Arch Street, Philadelphia, PA 19103-2029, Phone: (215) 814-5000, Fax: (215) 814-5103, Toll free: (800) 438-2474, <http://www.epa.gov/region03/>.
Delaware, District of Columbia, Maryland, Pennsylvania, Virginia, and West Virginia.

SECTION A – GENERAL INSTRUCTIONS

REGION 4

Permit Contact, Permits Section, U.S. Environmental Protection Agency, Atlanta Federal Center, 61 Forsyth Street, SW, Atlanta, GA 30303-3104, Phone: (404) 562-9900, Fax: (404) 562-8174, Toll free: (800) 241-1754, <http://www.epa.gov/region04/>.
Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, and Tennessee.

REGION 5

Permit Contact (5EP), U.S. Environmental Protection Agency, 77 West Jackson Boulevard, Chicago, IL 60604-3507, Phone: (312) 353-2000, Fax: (312) 353-4135, Toll free within Region 5: (800) 621-8431, <http://www.epa.gov/region5/>.
Illinois, Indiana, Michigan, Minnesota, Ohio, and Wisconsin.

REGION 6

Permit Contact (6AEP), U.S. Environmental Protection Agency, Fountain Place 12th Floor, Suite 1200, 1445 Ross Avenue, Dallas, TX 75202-2733, Phone: (214) 665-2200, Fax: (214) 665-7113, Toll free within Region 6: (800) 887-6063, <http://www.epa.gov/region06/>.
Arkansas, Louisiana, New Mexico, Oklahoma, and Texas.

REGION 7

Permit Contact, Permits Branch, U.S. Environmental Protection Agency, 901 North 5th Street, Kansas City, KS 66101, Phone: (913) 551-7003, Toll free: (800) 223-0425, <http://www.epa.gov/region07/>.
Iowa, Kansas, Missouri, and Nebraska.

REGION 8

Permit Contact (8E-WE), U.S. Environmental Protection Agency, 999 18th Street, Suite 500, Denver, CO 80202-2466, Phone: (303) 312-6312, Fax: (303) 312-6339, Toll free: (800) 227-8917, <http://www.epa.gov/region08/>.
Colorado, Montana, North Dakota, South Dakota, Utah, and Wyoming.

REGION 9

Permit Contact, Permits Branch (E-4), U.S. Environmental Protection Agency, 75 Hawthorne Street, San Francisco, CA 94105, Phone: (415) 947-8000, Fax: (415) 947-3553, Toll free within Region 9: (866) EPA-WEST, <http://www.epa.gov/region09/>.
Arizona, California, Hawaii, Nevada, Guam, American Samoa, and Trust Territories.

REGION 10

Permit Contact (M/S 521), U.S. Environmental Protection Agency, 1200 Sixth Avenue, Seattle, WA 98101, Phone: (206) 553-1200, Fax: (206) 553-2955, Toll free: (800) 424-4372, <http://www.epa.gov/region10/>.
Alaska, Idaho, Oregon, and Washington.

Where to File

The application forms should be mailed to the EPA Regional office whose Region includes the State in which the facility is located (see *Table 1*).

If the State in which the facility is located administers a Federal permit program under which you need a permit, you should contact the appropriate State agency for the correct forms. Your EPA Regional office (*Table 1*) can tell you to whom to apply and can provide the appropriate address and phone number.

When to File

Because of statutory requirements, the deadlines for filing applications vary according to the type of facility you operate and the type of permit you need. These deadlines are as follows:¹

Table 2. Filing Dates for Permits

FORM (permit)	WHEN TO FILE
2A (NPDES)	180 days before your present NPDES permit expires.
2B (NPDES)	180 days before your present NPDES permit expires ² , or 180 days prior to startup if you are a new facility.
2C (NPDES)	180 days before your present NPDES permit expires ² .
2D (NPDES)	180 days prior to startup.
3 (Hazardous Waste)	Existing facility: Six months following publication of regulations listing hazardous wastes. New facility: 180 days before commencing physical construction.
4 (UIC)	A reasonable time prior to construction for new wells; as directed by the Director for existing wells.
5 (PSD)	Prior to commencement of construction.

¹ Please note that some of these forms are not yet available for use and are listed as "Reserved" at the beginning of these instructions. Contact your EPA Regional office for information on current application requirements and forms.

² If your present permit expires on or before November 30, 1980, the filing date is the date on which your permit expires. If your permit expires during the period December 1, 1980–May 31, 1981, the filing date is 90 days before your permit expires.

Federal regulations provide that you may not begin to construct a new source in the NPDES program, a new hazardous waste management facility, a new injection well, or a facility covered by the PSD program before the issuance of a permit under the applicable program. Please note that if you are required to obtain a permit before beginning construction, as described above, you may need to submit your permit application well in advance of an applicable deadline listed in *Table 2*.

Fees

The U.S. EPA does not require a fee for applying for any permit under the consolidated permit programs. (*However, some States which administer one or more of these programs require fees for the permits which they issue.*)

Availability of Information to Public

Information contained in these application forms will, upon request, be made available to the public for inspection and copying. However, you may request confidential treatment for certain information which you submit on certain supplementary forms. The specific instructions for each supplementary form state what information on the form, if any, may be claimed as confidential and what procedures govern the claim. No information on Forms 1 and 2A through 2D may be claimed as confidential.

Completion of Forms

Unless otherwise specified in instructions to the forms, each item in each form must be answered. To indicate that each item has been considered, enter "NA," for not applicable, if a particular item does not fit the circumstances or characteristics of your facility or activity.

If you have previously submitted information to EPA or to an approved State agency which answers a question, you may either repeat the information in the space provided or attach a copy of the previous submission. Some items in the form require narrative explanation. If more space is necessary to answer a question, attach a separate sheet entitled "Additional Information."

Financial Assistance for Pollution Control

There are a number of direct loans, loan guarantees, and grants available to firms and communities for pollution control expenditures. These are provided by the Small Business Administration, the Economic Development Administration, the Farmers Home Administration, and the Department of Housing and Urban Development. Each EPA Regional office (*Table 1*) has an economic assistance coordinator who can provide you with additional information.

EPA's construction grants program under Title II of the Clean Water Act is an additional source of assistance to publicly owned treatment works. Contact your EPA Regional office for details.

SECTION B – FORM 1 LINE BY LINE INSTRUCTIONS

This form must be completed by all applicants.

Completing This Form

Please type or print in the unshaded areas only. Some items have small graduation marks in the fill-in spaces. These marks indicate the number of characters that may be entered into our data system. The marks are spaced at 1/6" intervals which accommodate elite type (12 characters per inch). If you use another type you may ignore the marks. If you print, place each character between the marks. Abbreviate if necessary to stay within the number of characters allowed for each item. Use one space for breaks between words, but not for punctuation marks unless they are needed to clarify your response.

Item I

Space is provided at the upper right hand corner of Form 1 for insertion of your EPA Identification Number. If you have an existing facility, enter your Identification Number. If you don't know your EPA Identification Number, please contact your EPA Regional office (Table 1), which will provide you with your number. If your facility is new (*not yet constructed*), leave this item blank.

Item II

Answer each question to determine which supplementary forms you need to fill out. Be sure to check the glossary in Section D of these instructions for the legal definitions of the **bold faced words**. Check Section C of these instructions to determine whether your activity is excluded from permit requirements.

If you answer "no" to every question, then you do not need a permit, and you do not need to complete and return any of these forms.

If you answer "yes" to any question, then you must complete and file the supplementary form by the deadline listed in Table 2 along with this form. (*The applicable form number follows each question and is enclosed in parentheses.*) You need not submit a supplementary form if you already have a permit under the appropriate Federal program, unless your permit is due to expire and you wish to renew your permit.

Questions (I) and (J) of Item II refer to major new or modified sources subject to Prevention of Significant Deterioration (PSD) requirements under the Clean Air Act. For the purpose of the PSD program, major sources are defined as: (A) Sources listed in Table 3 which have the potential to emit 100 tons or more per year emissions; and (B) All other sources with the potential to emit 250 tons or more per year. See Section C of these instructions for discussion of exclusions of certain modified sources.

Table 3. 28 Industrial Categories Listed In Section 169(1) of the Clean Air Act of 1977

Fossil fuel-fired steam generators of more than 250 million BTU per hour heat input;
Coal cleaning plants (*with thermal dryers*);
Kraft pulp mills;
Portland cement plants;
Primary zinc smelters;
Iron and steel mill plants;
Primary aluminum ore reduction plants;
Primary copper smelters;
Municipal incinerators capable of charging more than 250 tons of refuse per day;
Hydrofluoric acid plants;
Nitric acid plants;
Sulfuric acid plants;
Petroleum refineries;
Lime plants;
Phosphate rock processing plants;
Coke oven batteries;
Sulfur recovery plants;
Carbon black plants (*furnace process*);
Primary lead smelters;
Fuel conversion plants;
Sintering plants;
Secondary metal production plants;
Chemical process plants;
Fossil fuel boilers (*or combination thereof*) totaling more than 250 million BTU per hour heat input;

Table 3 (continued)

Petroleum storage and transfer units with a total storage capacity exceeding 300,000 barrels;
Taconite ore processing plants;
Glass fiber processing plants; and
Charcoal production plants.

Item III

Enter the facility's official or legal name. Do not use a colloquial name.

Item IV

Give the name, title, and work telephone number of a person who is thoroughly familiar with the operation of the facility and with the facts reported in this application and who can be contacted by reviewing offices if necessary.

Item V

Give the complete mailing address of the office where correspondence should be sent. This often is not the address used to designate the location of the facility or activity.

Item VI

Give the address or location of the facility identified in Item III of this form. If the facility lacks a street name or route number, give the most accurate alternative geographic information (*e.g., section number or quarter section number from county records or at intersection of Rts. 425 and 22*).

Item VII

List, in descending order of significance, the four 4-digit standard industrial classification (SIC) codes which best describe your facility in terms of the principal products or services you produce or provide. Also, specify each classification in words. These classifications may differ from the SIC codes describing the operation generating the discharge, air emissions, or hazardous wastes.

SIC code numbers are descriptions which may be found in the "Standard Industrial Classification Manual" prepared by the Executive Office of the President, Office of Management and Budget, which is available from the Government Printing Office, Washington, D.C. Use the current edition of the manual. If you have any questions concerning the appropriate SIC code for your facility, contact your EPA Regional office (*see Table 1*).

Item VIII-A

Give the name, as it is legally referred to, of the person, firm, public organization, or any other entity which operates the facility described in this application. This may or may not be the same name as the facility. The operator of the facility is the legal entity which controls the facility's operation rather than the plant or site manager. Do not use a colloquial name.

Item VIII-B

Indicate whether the entity which operates the facility also owns it by marking the appropriate box.

Item VIII-C

Enter the appropriate letter to indicate the legal status of the operator of the facility. Indicate "public" for a facility solely owned by local government(s) such as a city, town, county, parish, etc.

Items VIII-D-H

Enter the telephone number and address of the operator identified in Item VIII-A.

Item IX

Indicate whether the facility is located on Indian Lands.

Item X

Give the number of each presently effective permit issued to the facility for each program or, if you have previously filed an application but have not yet received a permit, give the number of the application, if any. Fill in the unshaded area only. If you have more than one currently effective permit for your facility under a particular permit program, you may list additional permit numbers on a separate sheet of paper. List any relevant environmental Federal (*e.g., permits*

SECTION B – FORM 1 LINE BY LINE INSTRUCTIONS

under the Ocean Dumping Act, Section 404 of the Clean Water Act or the Surface Mining Control and Reclamation Act), State (e.g., State permits for new air emission sources in nonattainment areas under Part D of the Clean Air Act or State permits under Section 404 of the Clean Water Act), or local permits or applications under "other."

Item XI

Provide a topographic map or maps of the area extending at least to one mile beyond the property boundaries of the facility which clearly show the following:

The legal boundaries of the facility;

The location and serial number of each of your existing and proposed intake and discharge structures;

All hazardous waste management facilities;

Each well where you inject fluids underground; and

All springs and surface water bodies in the area, plus all drinking water wells within 1/4 mile of the facility which are identified in the public record or otherwise known to you.

If an intake or discharge structure, hazardous waste disposal site, or injection well associated with the facility is located more than one mile from the plant, include it on the map, if possible. If not, attach additional sheets describing the location of the structure, disposal site, or well, and identify the U.S. Geological Survey (or other) map corresponding to the location.

On each map, include the map scale, a meridian arrow showing north, and latitude and longitude at the nearest whole second. On all maps of rivers, show the direction of the current, and in tidal waters, show the directions of the ebb and flow tides. Use a 7-1/2 minute series map published by the U.S. Geological Survey, which may be obtained through the U.S. Geological Survey Offices listed below. If a 7-1/2 minute series map has not been published for your facility site, then you may use a 15 minute series map from the U.S. Geological Survey. If neither a 7-1/2 nor 15 minute series map has been published for your facility site, use a plat map or other appropriate map, including all the requested information; in this case, briefly describe land uses in the map area (e.g., residential, commercial).

You may trace your map from a geological survey chart, or other map meeting the above specifications. If you do, your map should bear a note showing the number or title of the map or chart it was traced from. Include the names of nearby towns, water bodies, and other prominent points. An example of an acceptable location map is shown in Figure 1-1 of these instructions. (NOTE: Figure 1-1 is provided for purposes of illustration only, and does not represent any actual facility.)

U.S.G.S. OFFICES	AREA SERVED
Eastern Mapping Center National Cartographic Information Center U.S.G.S. 536 National Center Reston, VA 22092 Phone No. (703) 860-6336	Ala., Conn., Del., D.C., Fla., Ga., Ind., Ky., Maine, Md., Mass., N.H., N.J., N.Y., N.C., S.C., Ohio, Pa., Puerto Rico, R.I., Tenn., Vt., Va., W. Va., and Virgin Islands
Mid Continent Mapping Center National Cartographic Information Center U.S.G.S. 1400 Independence Road Rolla, MO 65401 Phone No. (314) 341-0851	Ark., Ill., Iowa, Kans., La., Mich., Minn., Miss., Mo., N. Dak., Nebr., Okla., S. Dak., and Wis.
Rocky Mountain Mapping Center National Cartographic Information Center U.S.G.S. Stop 504, Box 25046 Federal Center Denver, CO 80225 Phone No. (303) 234-2326	Alaska, Colo., Mont., N. Mex., Tex., Utah, and Wyo.
Western Mapping Center National Cartographic Information Center U.S.G.S. 345 Middlefield Road Menlo Park, CA 94025 Phone No. (415) 323-8111	Ariz., Calif., Hawaii, Idaho, Nev., Oreg., Wash., American Samoa, Guam, and Trust Territories

Item XII

Briefly describe the nature of your business (e.g., products produced or services provided).

Item XIII

Federal statutes provide for severe penalties for submitting false information on this application form.

18 U.S.C. Section 1001 provides that "Whoever, in any matter within the jurisdiction of any department or agency of the United States knowingly and willfully falsifies, conceals or covers up by any trick, scheme, or device a material fact, or makes or uses any false writing or document knowing some to contain any false, fictitious or fraudulent statement or entry, shall be fined not more than \$10,000 or imprisoned not more than five years, or both."

Section 309(c)(2) of the Clean Water Act and Section 113(c)(2) of the Clean Air Act each provide that "Any person who knowingly makes any false statement, representation, or certification in any application, . . . shall upon conviction, be punished by a fine of no more than \$10,000 or by imprisonment for not more than six months, or both."

In addition, Section 3008(d)(3) of the Resource Conservation and Recovery Act provides for a fine up to \$25,000 per day or imprisonment up to one year, or both, for a first conviction for making a false statement in any application under the Act, and for double these penalties upon subsequent convictions.

FEDERAL REGULATIONS REQUIRE THIS APPLICATION TO BE SIGNED AS FOLLOWS:

- A. For a corporation, by a principal executive officer of at least the level of vice president. However, if the only activity in Item II which is marked "yes" is Question G, the officer may authorize a person having responsibility for the overall operations of the well or well field to sign the certification. In that case, the authorization must be written and submitted to the permitting authority.
- B. For partnership or sole proprietorship, by a general partner or the proprietor, respectively; or
- C. For a municipality, State, Federal, or other public facility, by either a principal executive officer or ranking elected official.

SECTION C – ACTIVITIES WHICH DO NOT REQUIRE PERMITS

1. National Pollutant Discharge Elimination System Permits Under the Clean Water Act. You are not required to obtain an NPDES permit if your discharge is in one of the following categories, as provided by the Clean Water Act (CWA) and by the NPDES regulations (40 CFR Parts 122-125). However, under Section 510 of CWA a discharge exempted from the federal NPDES requirements may still be regulated by a State authority; contact your State environmental agency to determine whether you need a State permit.

A. DISCHARGES FROM VESSELS. Discharges of sewage from vessels, effluent from properly functioning marine engines, laundry, shower, and galley sink wastes, and any other discharge incidental to the normal operation of a vessel do not require NPDES permits. However, discharges of rubbish, trash, garbage, or other such materials discharged overboard require permits, and so do other discharges when the vessel is operating in a capacity other than as a means of transportation, such as when the vessel is being used as an energy or mining facility, a storage facility, or a seafood processing facility, or is secured to the bed of the ocean, contiguous zone, or waters of the United States for the purpose of mineral or oil exploration or development.

B. DREDGED OR FILL MATERIAL. Discharges of dredged or fill material into waters of the United States do not need NPDES permits if the dredging or filling is authorized by a permit issued by the U.S. Army Corps of Engineers or an EPA approved State under Section 404 of CWA.

C. DISCHARGES INTO PUBLICLY OWNED TREATMENT WORKS (POTW). The introduction of sewage, industrial wastes, or other pollutants into a POTW does not need an NPDES permit. You must comply with all applicable pretreatment standards promulgated under Section 307(b) of CWA, which may be included in the permit issued to the POTW. If you have a plan or an agreement to switch to a POTW in the future, this does not relieve you of the obligation to apply for and receive an NPDES permit until you have stopped discharging pollutants into waters of the United States.

(NOTE: Dischargers into privately owned treatment works do not have to apply for or obtain NPDES permits except as otherwise required by the EPA Regional Administrator. The owner or operator of the treatment works itself, however, must apply for a permit and identify all users in its application. Users so identified will receive public notice of actions taken on the permit for the treatment works.)

D. DISCHARGES FROM AGRICULTURAL AND SILVICULTURAL ACTIVITIES. Most discharges from agricultural and silvicultural activities to waters of the United States do not require NPDES permits. These include runoff from orchards, cultivated crops, pastures, range lands, and forest lands. However, the discharges listed below do require NPDES permits. Definitions of the terms listed below are contained in the Glossary section of these instructions.

1. Discharges from Concentrated Animal Feeding Operations. (See Glossary for definitions of "animal feeding operations" and "concentrated animal feeding operations." Only the latter require permits.)
2. Discharges from Concentrated Aquatic Animal Production Facilities. (See Glossary for size cutoffs.)
3. Discharges associated with approved Aquaculture Projects.
4. Discharges from Silvicultural Point Sources. (See Glossary for the definition of "silvicultural point source.") Nonpoint source silvicultural activities are excluded from NPDES permit requirements. However, some of these activities, such as stream crossings for roads, may involve point source discharges of dredged or fill material which may require a Section 404 permit. See 33 CFR 209.120.

E. DISCHARGES IN COMPLIANCE WITH AN ON-SCENE COORDINATOR'S INSTRUCTIONS.

II. Hazardous Waste Permits Under the Resource Conservation and Recovery Act. You may be excluded from the requirement to obtain a permit under this program if you fall into one of the following categories:

Generators who accumulate their own hazardous waste on-site for less than 90 days as provided in 40 CFR 262.34;

Farmers who dispose of hazardous waste pesticide from their own use as provided in 40 CFR 262.51;

Certain persons treating, storing, or disposing of small quantities of hazardous waste as provided in 40 CFR 261.4 or 261.5; and

Owners and operators of totally enclosed treatment facilities as defined in 40 CFR 260.10.

Check with your Regional office for details. Please note that even if you are excluded from permit requirements, you may be required by Federal regulations to handle your waste in a particular manner.

III. Underground Injection Control Permits Under the Safe Drinking Water Act. You are not required to obtain a permit under this program if you:

Inject into existing wells used to enhance recovery of oil and gas or to store hydrocarbons (*note, however, that these underground injections are regulated by Federal rules*); or

Inject into or above a stratum which contains, within 1/4 mile of the well bore, an underground source of drinking water (*unless your injection is the type identified in Item II-H, for which you do need a permit*). However, you must notify EPA of your injection and submit certain required information on forms supplied by the Agency, and your operation may be phased out if you are a generator of hazardous wastes or a hazardous waste management facility which uses wells or septic tanks to dispose of hazardous waste.

IV. Prevention of Significant Deterioration Permits Under the Clean Air Act. The PSD program applies to newly constructed or modified facilities (*both of which are referred to as "new sources"*) which increase air emissions. The Clean Air Act Amendments of 1977 exclude small new sources of air emissions from the PSD review program. Any new source in an industrial category listed in Table 3 of these instructions whose potential to emit is less than 100 tons per year is not required to get a PSD permit. In addition, any new source in an industrial category not listed in Table 3 whose potential to emit is less than 250 tons per year is exempted from the PSD requirements.

Modified sources which increase their net emissions (*the difference between the total emission increases and total emission decreases at the source*) less than the significant amount set forth in EPA regulations are also exempt from PSD requirements. Contact your EPA Regional office (*Table 1*) for further information.

SECTION D – GLOSSARY

NOTE: This Glossary includes terms used in the instructions and in Forms 1, 2B, 2C, and 3. Additional terms will be included in the future when other forms are developed to reflect the requirements of other parts of the Consolidated Permits Program. If you have any questions concerning the meaning of any of these terms, please contact your EPA Regional office (*Table 1*)

ALiquot means a sample of specified volume used to make up a total composite sample.

ANIMAL FEEDING OPERATION means a lot or facility (*other than an aquatic animal production facility*) where the following conditions are met:

A. Animals (*other than aquatic animals*) have been, are, or will be stabled or confined and fed or maintained for a total of 45 days or more in any 12 month period; and

B. Crops, vegetation, forage growth, or post-harvest residues are not sustained in the normal growing season over any portion of the lot or facility.

Two or more animal feeding operations under common ownership are a single animal feeding operation if they adjoin each other or if they use a common area or system for the disposal of wastes.

ANIMAL UNIT means a unit of measurement for any animal feeding operation calculated by adding the following numbers: The number of slaughter and feeder cattle multiplied by 1.0; Plus the number of mature dairy cattle multiplied by 1.4; Plus the number of swine weighing over 25 kilograms (*approximately 55 pounds*) multiplied by 0.4; Plus the number of sheep multiplied by 0.1; Plus the number of horses multiplied by 2.0.

APPLICATION means the EPA standard national forms for applying for a permit, including any additions, revisions, or modifications to the forms; or forms approved by EPA for use in approved States, including any approved modifications or revisions. For RCRA, "application" also means "Application, Part B."

APPLICATION, PART A means that part of the Consolidated Permit Application forms which a RCRA permit applicant must complete to qualify for interim status under Section 3005(e) of RCRA and for consideration for a permit. Part A consists of Form 1 (*General Information*) and Form 3 (*Hazardous Waste Application Form*).

APPLICATION, PART B means that part of the application which a RCRA permit applicant must complete to be issued a permit. (*NOTE: EPA is not developing a specific form for Part B of the permit application, but an instruction booklet explaining what information must be supplied is available from the EPA Regional office.*)

APPROVED PROGRAM or APPROVED STATE means a State program which has been approved or authorized by EPA under 40 CFR Part 123.

AQUACULTURE PROJECT means a defined managed water area which uses discharges of pollutants into that designated area for the maintenance or production of harvestable freshwater, estuarine, or marine plants or animals. "Designated area" means the portions of the waters of the United States within which the applicant plans to confine the cultivated species, using a method of plan or operation (*including, but not limited to, physical confinement*) which, on the basis of reliable scientific evidence, is expected to ensure the specific individual organisms comprising an aquaculture crop will enjoy increased growth attributable to the discharge of pollutants and be harvested within a defined geographic area.

AQUIFER means a geological formation, group of formations, or part of a formation that is capable of yielding a significant amount of water to a well or spring.

AREA OF REVIEW means the area surrounding an injection which is described according to the criteria set forth in 40 CFR Section 146.06.

AREA PERMIT means a UIC permit applicable to all or certain wells within a geographic area, rather than to a specified well, under 40 CFR Section 122.37.

ATTAINMENT AREA means, for any air pollutant, an area which has been designated under Section 107 of the Clean Air Act as having ambient air quality levels better than any national primary or secondary ambient air quality standard for that pollutant. Standards have

been set for sulfur oxides, particulate matter, nitrogen dioxide, carbon monoxide, ozone, lead, and hydrocarbons. For purposes of the Glossary, "attainment area" also refers to "unclassifiable area," which means, for any pollutant, an area designated under Section 107 as unclassifiable with respect to that pollutant due to insufficient information.

BEST MANAGEMENT PRACTICES (*BMP*) means schedules of activities, prohibitions of practices, maintenance procedures, and other management practices to prevent or reduce the pollution of waters of the United States. *BMP's* include treatment requirements, operation procedures, and practices to control plant site runoff, spillage or leaks, sludge or waste disposal, or drainage from raw material storage.

BIOLOGICAL MONITORING TEST means any test which includes the use of aquatic algal, invertebrate, or vertebrate species to measure acute or chronic toxicity, and any biological or chemical measure of bioaccumulation.

BYPASS means the intentional diversion of wastes from any portion of a treatment facility.

CONCENTRATED ANIMAL FEEDING OPERATION means an animal feeding operation which meets the criteria set forth in either (A) or (B) below or which the Director designates as such on a case-by-case basis:

A. More than the numbers of animals specified in any of the following categories are confined:

- 1,000 slaughter or feeder cattle,
- 700 mature dairy cattle (*whether milked or dry cows*),
- 2,500 swine each weighing over 25 kilograms (*approximately 55 pounds*),
- 500 horses,
- 10,000 sheep or lambs,
- 55,000 turkeys,
- 100,000 laying hens or broilers (*if the facility has a continuous overflow watering*),
- 30,000 laying hens or broilers (*if the facility has a liquid manure handling system*),
- 5,000 ducks, or
- 1,000 animal units; or

B. More than the following numbers and types of animals are confined:

- 300 slaughter or feeder cattle,
- 200 mature dairy cattle (*whether milked or dry cows*),
- 750 swine each weighing over 25 kilograms (*approximately 55 pounds*),
- 150 horses,
- 3,000 sheep or lambs,
- 16,500 turkeys,
- 30,000 laying hens or broilers (*if the facility has continuous overflow watering*),
- 9,000 laying hens or broilers (*if the facility has a liquid manure handling system*),
- 1,500 ducks, or
- 300 animal units; AND

SECTION D – GLOSSARY

Either one of the following conditions are met: Pollutants are discharged into waters of the United States through a manmade ditch, flushing system or other similar manmade device (*"man-made" means constructed by man and used for the purpose of transporting wastes*); or Pollutants are discharged directly into waters of the United States which originate outside of and pass over, across, or through the facility or otherwise come into direct contact with the animals confined in the operation.

Provided, however, that no animal feeding operation is a concentrated animal feeding operation as defined above if such animal feeding operation discharges only in the event of a 25 year, 24 hour storm event.

CONCENTRATED AQUATIC ANIMAL PRODUCTION FACILITY means a hatchery, fish farm, or other facility which contains, grows or holds aquatic animals in either of the following categories, or which the Director designates as such on a case-by-case basis:

A. Cold water fish species or other cold water aquatic animals including, but not limited to, the Salmonidae family of fish (e.g., *trout and salmon*) in ponds, raceways or other similar structures which discharge at least 30 days per year but does not include:

1. Facilities which produce less than 9,090 harvest weight kilograms (*approximately 20,000 pounds*) of aquatic animals per year; and
2. Facilities which feed less than 2,272 kilograms (*approximately 5,000 pounds*) of food during the calendar month of maximum feeding.

B. Warm water fish species or other warm water aquatic animals including, but not limited to, the Ameiuridae, Cetrarchidae, and Cyprinidae families of fish (e.g., *respectively, catfish, sunfish, and minnows*) in ponds, raceways, or other similar structures which discharge at least 30 days per year, but does not include;

1. Closed ponds which discharge only during periods of excess runoff; or
2. Facilities which produce less than 45,454 harvest weight kilograms (*approximately 100,000 pounds*) of aquatic animals per year.

CONTACT COOLING WATER means water used to reduce temperature which comes into contact with a raw material, intermediate product, waste product other than heat, or finished product.

CONTAINER means any portable device in which a material is stored, transported, treated, disposed of, or otherwise handled.

CONTIGUOUS ZONE means the entire zone established by the United States under article 24 of the convention of the Territorial Sea and the Contiguous Zone.

CWA means the Clean Water Act (*formerly referred to the Federal Water Pollution Control Act*) Pub. L. 92-500, as amended by Pub. L. 95-217 and Pub. L. 95-576, 33 U.S.C. 1251 *et seq.*

DIKE means any embankment or ridge of either natural or manmade materials used to prevent the movement of liquids, sludges, solids, or other materials.

DIRECT DISCHARGE means the discharge of a pollutant as defined below.

DIRECTOR means the EPA Regional Administrator or the State Director as the context requires.

DISCHARGE (OF A POLLUTANT) means:

- A. Any addition of any pollutant or combination of pollutants to waters of the United States from any point source; or
- B. Any addition of any pollutant or combination of pollutants to the waters of the contiguous zone or the ocean from any point source other than a vessel or other floating craft which is being used as a means of transportation.

This definition includes discharges into waters of the United States from: Surface runoff which is collected or channelled by man; Discharges through pipes, sewers, or other conveyances owned by a State, municipality, or other person which do not lead to POTW's;

and Discharges through pipes, sewers, or other conveyances, leading into privately owned treatment works. This term does not include an addition of pollutants by any indirect discharger.

DISPOSAL (in the RCRA program) means the discharge, deposit, injection, dumping, spilling, leaking, or placing of any hazardous waste into or on any land or water so that the hazardous waste or any constituent of it may enter the environment or be emitted into the air or discharged into any waters, including ground water.

DISPOSAL FACILITY means a facility or part of a facility at which hazardous waste is intentionally placed into or on land or water, and at which hazardous waste will remain after closure.

EFFLUENT LIMITATION means any restriction imposed by the Director on quantities, discharge rates, and concentrations of pollutants which are discharged from point sources into waters of the United States, the waters of the contiguous zone, or the ocean.

EFFLUENT LIMITATION GUIDELINE means a regulation published by the Administrator under Section 304(b) of the Clean Water Act to adopt or revise effluent limitations.

ENVIRONMENTAL PROTECTION AGENCY (EPA) means the United States Environmental Protection Agency.

EPA IDENTIFICATION NUMBER means the number assigned by EPA to each generator, transporter, and facility.

EXEMPTED AQUIFER means an aquifer or its portion that meets the criteria in the definition of USDW, but which has been exempted according to the procedures in 40 CFR Section 122.35(b).

EXISTING HWM FACILITY means a Hazardous Waste Management facility which was in operation, or for which construction had commenced, on or before October 21, 1976. Construction had commenced if (A) the owner or operator had obtained all necessary Federal, State, and local preconstruction approvals or permits, and either (B1) a continuous on-site, physical construction program had begun, or (B2) the owner or operator had entered into contractual obligations, which could not be cancelled or modified without substantial loss, for construction of the facility to be completed within a reasonable time.

(NOTE: This definition reflects the literal language of the statute. However, EPA believes that amendments to RCRA now in conference will shortly be enacted and will change the date for determining when a facility is an "existing facility" to one no earlier than May of 1980; indications are the conferees are considering October 30, 1980. Accordingly, EPA encourages every owner or operator of a facility which was built or under construction as of the promulgation date of the RCRA program regulations to file Part A of its permit application so that it can be quickly processed for interim status when the change in the law takes effect. When those amendments are enacted, EPA will amend this definition.)

EXISTING SOURCE or **EXISTING DISCHARGER (in the NPDES program)** means any source which is not a new source or a new discharger.

EXISTING INJECTION WELL means an injection well other than a new injection well.

FACILITY means any HWM facility, UIC underground injection well, NPDES point source, PSD stationary source, or any other facility or activity (*including land or appurtenances thereto*) that is subject to regulation under the RCRA, UIC, NPDES, or PSD programs.

FLUID means material or substance which flows or moves whether in a semisolid, liquid, sludge, gas, or any other form or state.

GENERATOR means any person by site, whose act or process produces hazardous waste identified or listed in 40 CFR Part 261.

GROUNDWATER means water below the land surface in a zone of saturation.

HAZARDOUS SUBSTANCE means any of the substances designated under 40 CFR Part 116 pursuant to Section 311 of CWA. *(NOTE: These substances are listed in Table 2c-4 of the instructions to Form 2C.)*

SECTION D – GLOSSARY

HAZARDOUS WASTE means a hazardous waste as defined in 40 CFR Section 261.3 published May 19, 1980.

HAZARDOUS WASTE MANAGEMENT FACILITY (HWM facility) means all contiguous land, structures, appurtenances, and improvements on the land, used for treating, storing, or disposing of hazardous wastes. A facility may consist of several treatment, storage, or disposal operational units (for example, one or more landfills, surface impoundments, or combinations of them).

IN OPERATION means a facility which is treating, storing, or disposing of hazardous waste.

INCINERATOR (in the RCRA program) means an enclosed device using controlled flame combustion, the primary purpose of which is to thermally break down hazardous waste. Examples of incinerators are rotary kiln, fluidized bed, and liquid injection incinerators.

INDIRECT DISCHARGER means a nondomestic discharger introducing pollutants to a publicly owned treatment works.

INJECTION WELL means a well into which fluids are being injected.

INTERIM AUTHORIZATION means approval by EPA of a State hazardous waste program which has met the requirements of Section 3006(c) of RCRA and applicable requirements of 40 CFR Part 123, Subparts A, B, and F.

LANDFILL means a disposal facility or part of a facility where hazardous waste is placed in or on land and which is not a land treatment facility, a surface impoundment, or an injection well.

LAND TREATMENT FACILITY (in the RCRA program) means a facility or part of a facility at which hazardous waste is applied onto or incorporated into the soil surface; such facilities are disposal facilities if the waste will remain after closure.

LISTED STATE means a State listed by the Administrator under Section 1422 of SDWA as needing a State UIC program.

MGD means millions of gallons per day.

MUNICIPALITY means a city, village, town, borough, county, parish, district, association, or other public body created by or under State law and having jurisdiction over disposal of sewage, industrial wastes, or other wastes, or an Indian tribe or an authorized Indian tribal organization, or a designated and approved management agency under Section 208 of CWA.

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) means the national program for issuing modifying, revoking and reissuing, terminating, monitoring, and enforcing permits and imposing and enforcing pretreatment requirements, under Sections 307, 318, 402, and 405 of CWA. The term includes an approved program.

NEW DISCHARGER means any building, structure, facility, or installation: (A) From which there is or may be a new or additional discharge of pollutants at a site at which on October 18, 1972, it had never discharged pollutants; (B) Which has never received a finally effective NPDES permit for discharges at that site; and (C) Which is not a "new source." This definition includes an indirect discharger which commences discharging into waters of the United States. It also includes any existing mobile point source, such as an offshore oil drilling rig, seafood processing vessel, or aggregate plant that begins discharging at a location for which it does not have an existing permit.

NEW HWM FACILITY means a Hazardous Waste Management facility which began operation or for which construction commenced after October 21, 1976.

NEW INJECTION WELL means a well which begins injection after a UIC program for the State in which the well is located is approved.

NEW SOURCE (in the NPDES program) means any building, structure, facility, or installation from which there is or may be a discharge of pollutants, the construction of which commenced:

A. After promulgation of standards of performance under Section 306 of CWA which are applicable to such source; or

B. After proposal of standards of performance in accordance with Section 306 of CWA which are applicable to such source, but only if the standards are promulgated in accordance with Section 306 within 120 days of their proposal.

NON-CONTACT COOLING WATER means water used to reduce temperature which does not come into direct contact with any raw material, intermediate product, waste product (*other than heat*), or finished product.

OFF-SITE means any site which is not "on-site".

ON-SITE means on the same or geographically contiguous property which may be divided by public or private right(s)-of-way, provided the entrance and exit between the properties is at a cross-roads intersection, and access is by crossing as opposed to going along, the right(s)-of-way. Non-contiguous properties owned by the same person, but connected by a right-of-way which the person controls and to which the public does not have access, is also considered on-site property.

OPEN BURNING means the combustion of any material without the following characteristics;

A. Control of combustion air to maintain adequate temperature for efficient combustion;

B. Containment of the combustion-reaction in an enclosed device to provide sufficient residence time and mixing for complete combustion; and

C. Control of emission of the gaseous combustion products.

(See also "incinerator" and "thermal treatment").

OPERATOR means the person responsible for the overall operation of a facility.

OUTFALL means a point source.

OWNER means the person who owns a facility or part of a facility.

PERMIT means an authorization, license, or equivalent control document issued by EPA or an approved State to implement the requirements of 40 CFR Parts 122, 123, and 124.

PHYSICAL CONSTRUCTION (in the RCRA program) means excavation, movement of earth, erection of forms or structures, or similar activity to prepare a HWM facility to accept hazardous waste.

PILE means any noncontainerized accumulation of solid, nonflowing hazardous waste that is used for treatment or storage.

POINT SOURCE means any discernible, confined, and discrete conveyance, including but not limited to any pipe, ditch, channel, tunnel, conduit, well, discrete fissure, container, rolling stock, concentrated animal feeding operation, vessel or other floating craft from which pollutants are or may be discharged. This term does not include return flows from irrigated agriculture.

POLLUTANT means dredged spoil, solid waste, incinerator residue, filter backwash, sewage, garbage, sewage sludge, munitions, chemical waste, biological materials, radioactive materials (*except those regulated under the Atomic Energy Act of 1954, as amended [42 U.S.C. Section 2011 et seq.]*), heat, wrecked or discarded equipment, rocks, sand, cellar dirt and Industrial, municipal, and agriculture waste discharged into water. It does not mean:

A. Sewage from vessels; or

B. Water, gas, or other material which is injected into a well to facilitate production of oil or gas, or water derived in association with oil and gas production and disposed of in a well, if the well used either to facilitate production or for disposal purposes is approved by authority of the State in which the well is located, and if the State determines that the injection or disposal will not result in the degradation of ground or surface water resources.

(NOTE: Radioactive materials covered by the Atomic Energy Act are those encompassed in its definition of source, byproduct, or special nuclear materials. Examples of materials not covered include radium and accelerator produced isotopes. See Train v. Colorado Public Interest Research Group, Inc., 426 U.S. 1 [1976].)

SECTION D – GLOSSARY

PREVENTION OF SIGNIFICANT DETERIORATION (PSD) means the national permitting program under 40 CFR 52.21 to prevent emissions of certain pollutants regulated under the Clean Air Act from significantly deteriorating air quality in attainment areas.

PRIMARY INDUSTRY CATEGORY means any industry category listed in the NRDC Settlement Agreement (*Natural Resources Defense Council v. Train*, 8 ERC 2120 [D.D.C. 1976], modified 12 ERC 1833 [D.D.C. 1979]).

PRIVATELY OWNED TREATMENT WORKS means any device or system which is: (A) Used to treat wastes from any facility whose operator is not the operator of the treatment works; and (B) Not a POTW.

PROCESS WASTEWATER means any water which, during manufacturing or processing, comes into direct contact with or results from the production or use of any raw material, intermediate product, finished product, byproduct, or waste product.

PUBLICLY OWNED TREATMENT WORKS or POTW means any device or system used in the treatment (*including recycling and reclamation*) of municipal sewage or industrial wastes of a liquid nature which is owned by a State or municipality. This definition includes any sewers, pipes, or other conveyances only if they convey wastewater to a POTW providing treatment.

RENT means use of another's property in return for regular payment.

RCRA means the Solid Waste Disposal Act as amended by the Resource Conservation and Recovery Act of 1976 (*Pub. L. 94-580, as amended by Pub. L. 95-609, 42 U.S.C. Section 6901 et seq.*).

ROCK CRUSHING AND GRAVEL WASHING FACILITIES are facilities which process crushed and broken stone, gravel, and riprap (*see 40 CFR Part 436, Subpart B, and the effluent limitations guidelines for these facilities*).

SDWA means the Safe Drinking Water Act (*Pub. L. 95-523, as amended by Pub. L. 95-1900, 42 U.S.C. Section 300f et seq.*).

SECONDARY INDUSTRY CATEGORY means any industry category which is not a primary industry category.

SEWAGE FROM VESSELS means human body wastes and the wastes from toilets and other receptacles intended to receive or retain body wastes that are discharged from vessels and regulated under Section 312 of CWA, except that with respect to commercial vessels on the Great Lakes this term includes graywater. For the purposes of this definition, "graywater" means galley, bath, and shower water.

SEWAGE SLUDGE means the solids, residues, and precipitate separated from or created in sewage by the unit processes of a POTW. "Sewage" as used in this definition means any wastes, including wastes from humans, households, commercial establishments, industries, and storm water runoff, that are discharged to or otherwise enter a publicly owned treatment works.

SILVICULTURAL POINT SOURCE means any discernable, confined, and discrete conveyance related to rock crushing, gravel washing, log sorting, or log storage facilities which are operated in connection with silvicultural activities and from which pollutants are discharged into waters of the United States. This term does not include nonpoint source silvicultural activities such as nursery operations, site preparation, reforestation and subsequent cultural treatment, thinning, prescribed burning, pest and fire control, harvesting operations, surface drainage, or road construction and maintenance from which there is natural runoff. However, some of these activities (*such as stream crossing for roads*) may involve point source discharges of dredged or fill material which may require a CWA Section 404 permit. "Log sorting and log storage facilities" are facilities whose discharges result from the holding of unprocessed wood, e.g., logs or roundwood with bark or after removal of bark in self-contained bodies of water (*mill ponds or log ponds*) or stored on land where water is applied intentionally on the logs (*wet decking*). (*See 40 CFR Part 429, Subpart J, and the effluent limitations guidelines for these facilities.*)

STATE means any of the 50 States, the District of Columbia, Guam, the Commonwealth of Puerto Rico, the Virgin Islands, American Samoa, the Trust Territory of the Pacific Islands (*except in the case*

of RCRA), and the Commonwealth of the Northern Mariana Islands (*except in the case of CWA*).

STATIONARY SOURCE (*in the PSD program*) means any building, structure, facility, or installation which emits or may emit any air pollutant regulated under the Clean Air Act. "Building, structure, facility, or installation" means any grouping of pollutant-emitting activities which are located on one or more contiguous or adjacent properties and which are owned or operated by the same person (*or by persons under common control*).

STORAGE (*in the RCRA program*) means the holding of hazardous waste for a temporary period at the end of which the hazardous waste is treated, disposed, or stored elsewhere.

STORM WATER RUNOFF means water discharged as a result of rain, snow, or other precipitation.

SURFACE IMPOUNDMENT or IMPOUNDMENT means a facility or part of a facility which is a natural topographic depression, manmade excavation, or diked area formed primarily of earthen materials (*although it may be lined with manmade materials*), which is designed to hold an accumulation of liquid wastes or wastes containing free liquids, and which is not an injection well. Examples of surface impoundments are holding, storage, settling, and aeration pits, ponds, and lagoons.

TANK (*in the RCRA program*) means a stationary device, designed to contain an accumulation of hazardous waste which is constructed primarily of non-earthen materials (e.g., *wood, concrete, steel, plastic*) which provide structural support.

THERMAL TREATMENT (*in the RCRA program*) means the treatment of hazardous waste in a device which uses elevated temperature as the primary means to change the chemical, physical, or biological character or composition of the hazardous waste. Examples of thermal treatment processes are incineration, molten salt, pyrolysis, calcination, wet air oxidation, and microwave discharge. (*See also "incinerator" and "open burning"*).

TOTALLY ENCLOSED TREATMENT FACILITY (*in the RCRA program*) means a facility for the treatment of hazardous waste which is directly connected to an industrial production process and which is constructed and operated in a manner which prevents the release of any hazardous waste or any constituent thereof into the environment during treatment. An example is a pipe in which waste acid is neutralized.

TOXIC POLLUTANT means any pollutant listed as toxic under Section 307(a)(1) of CWA.

TRANSPORTER (*in the RCRA program*) means a person engaged in the off-site transportation of hazardous waste by air, rail, highway, or water.

TREATMENT (*in the RCRA program*) means any method, technique, or process, including neutralization, designed to change the physical, chemical, or biological character or composition of any hazardous waste so as to neutralize such waste, or so as to recover energy or material resources from the waste, or so as to render such waste non-hazardous, or less hazardous; safer to transport, store, or dispose of; or amenable for recovery, amenable for storage, or reduced in volume.

UNDERGROUND INJECTION means well injection.

UNDERGROUND SOURCE OF DRINKING WATER or USDW means an aquifer or its portion which is not an exempted aquifer and:

- A. Which supplies drinking water for human consumption; or
- B. In which the ground water contains fewer than 10,000 mg/l total dissolved solids.

UPSET means an exceptional incident in which there is unintentional and temporary noncompliance with technology-based permit effluent limitations because of factors beyond the reasonable control of the permittee. An upset does not include noncompliance to the extent caused by operational error, improperly designed treatment facilities, inadequate treatment facilities, lack of preventive maintenance, or careless or improper operation.

SECTION D – GLOSSARY

WATERS OF THE UNITED STATES means:

- A. All waters which are currently used, were used in the past, or may be susceptible to use in interstate or foreign commerce, including all waters which are subject to the ebb and flow of the tide;
- B. All interstate waters, including interstate wetlands;
- C. All other waters such as intrastate lakes, rivers, streams (*including intermittent streams*), mudflats, sandflats, wetlands, sloughs, prairie potholes, wet meadows, playa lakes, and natural ponds, the use, degradation, or destruction of which would or could affect interstate or foreign commerce including any such waters;
 - 1. Which are or could be used by interstate or foreign travelers for recreational or other purposes,
 - 2. From which fish or shellfish are or could be taken and sold in interstate or foreign commerce,
 - 3. Which are used or could be used for industrial purposes by industries in interstate commerce;
- D. All impoundments of waters otherwise defined as waters of the United States under this definition;
- E. Tributaries of waters identified in paragraphs (A) – (D) above;
- F. The territorial sea; and
- G. Wetlands adjacent to waters (*other than waters that are themselves wetlands*) identified in paragraphs (A) – (F) of this definition.

Waste treatment systems, including treatment ponds or lagoons designed to meet requirement of CWA (*other than cooling ponds as defined in 40 CFR Section 423.11(m) which also meet the criteria of this definition*) are not waters of the United States. This exclusion applies only to manmade bodies of water which neither were originally created in waters of the United States (*such as a disposal area in wetlands*) nor resulted from the impoundments of waters of the United States.

WELL INJECTION or UNDERGROUND INJECTION means the subsurface emplacement of fluids through a bored, drilled, or driven well; or through a dug well, where the depth of the dug well is greater than the largest surface dimension.

WETLANDS means those areas that are inundated or saturated by surface or groundwater at a frequency and duration sufficient to support, and that under normal circumstances do support, a prevalence of vegetation typically adapted for life in saturated soil conditions. Wetlands generally include swamps, marshes, bogs, and similar areas.

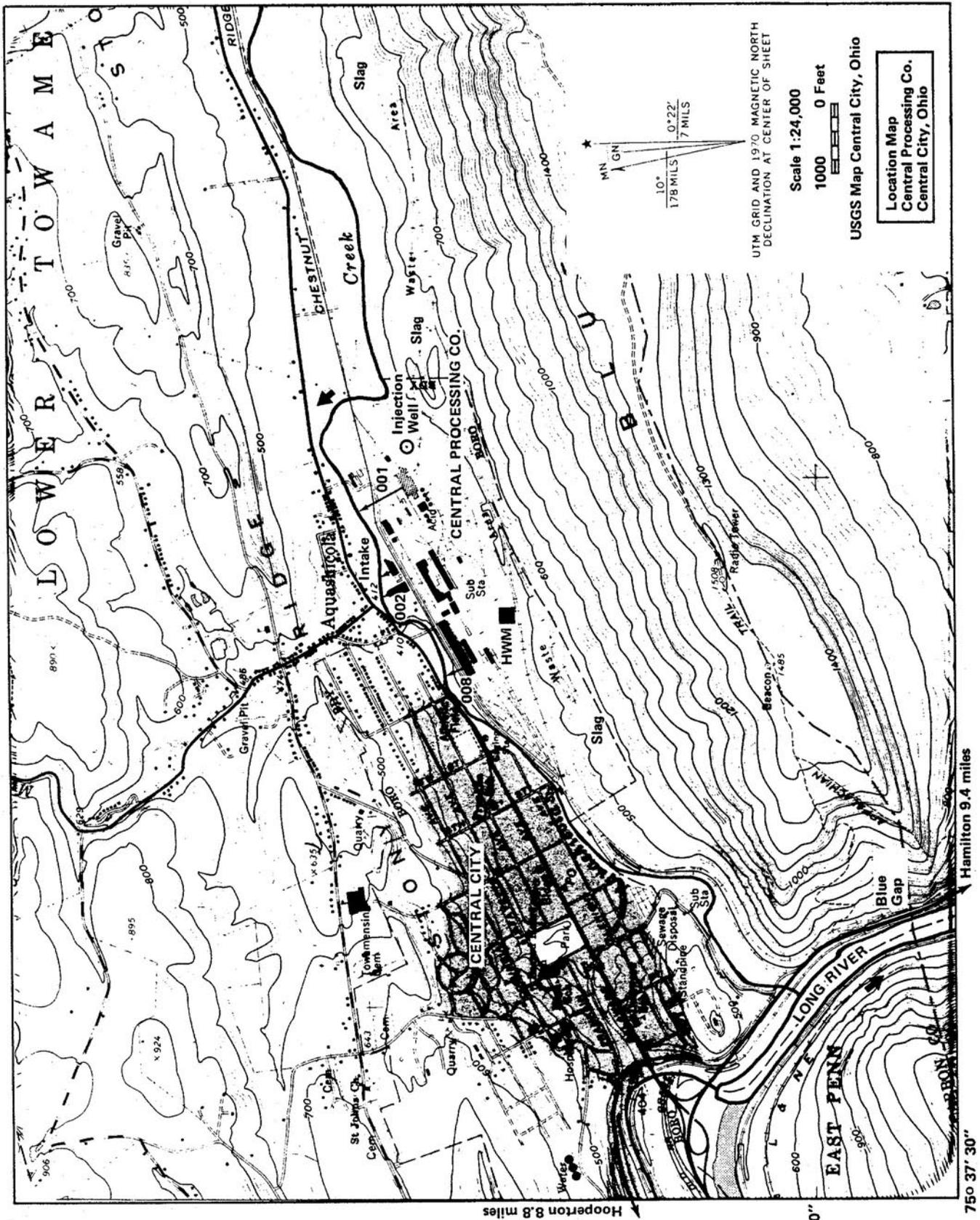


FIGURE 1-1

FORM 1 GENERAL	U.S. ENVIRONMENTAL PROTECTION AGENCY GENERAL INFORMATION Consolidated Permits Program <i>(Read the "General Instructions" before starting.)</i>	I. EPA I.D. NUMBER <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:5%;">S</td> <td style="width:85%;"></td> <td style="width:5%;">T/A</td> <td style="width:5%;">C</td> </tr> <tr> <td>F</td> <td></td> <td></td> <td>D</td> </tr> <tr> <td>1</td> <td>2</td> <td>13</td> <td>14 15</td> </tr> </table>	S		T/A	C	F			D	1	2	13	14 15
S		T/A	C											
F			D											
1	2	13	14 15											
LABEL ITEMS	PLEASE PLACE LABEL IN THIS SPACE	GENERAL INSTRUCTIONS If a preprinted label has been provided, affix it in the designated space. Review the information carefully; if any of it is incorrect, cross through it and enter the correct data in the appropriate fill-in area below. Also, if any of the preprinted data is absent (<i>the area to the left of the label space lists the information that should appear</i>), please provide it in the proper fill-in area(s) below. If the label is complete and correct, you need not complete Items I, III, V, and VI (<i>except VI-B which must be completed regardless</i>). Complete all items if no label has been provided. Refer to the instructions for detailed item descriptions and for the legal authorizations under which this data is collected.												
I. EPA I.D. NUMBER														
III. FACILITY NAME														
V. FACILITY MAILING ADDRESS														
VI. FACILITY LOCATION														
II. POLLUTANT CHARACTERISTICS														
INSTRUCTIONS: Complete A through J to determine whether you need to submit any permit application forms to the EPA. If you answer "yes" to any questions, you must submit this form and the supplemental form listed in the parenthesis following the question. Mark "X" in the box in the third column if the supplemental form is attached. If you answer "no" to each question, you need not submit any of these forms. You may answer "no" if your activity is excluded from permit requirements; see Section C of the instructions. See also, Section D of the instructions for definitions of bold-faced terms .														
SPECIFIC QUESTIONS	Mark "X" YES NO FORM ATTACHED	Mark "X" YES NO FORM ATTACHED												
A. Is this facility a publicly owned treatment works which results in a discharge to waters of the U.S.? (FORM 2A)	16 17 18	B. Does or will this facility (<i>either existing or proposed</i>) include a concentrated animal feeding operation or aquatic animal production facility which results in a discharge to waters of the U.S.? (FORM 2B)												
C. Is this a facility which currently results in discharges to waters of the U.S. other than those described in A or B above? (FORM 2C)	22 23 24	D. Is this a proposed facility (<i>other than those described in A or B above</i>) which will result in a discharge to waters of the U.S.? (FORM 2D)												
E. Does or will this facility treat, store, or dispose of hazardous wastes? (FORM 3)	28 29 30	F. Do you or will you inject at this facility industrial or municipal effluent below the lowermost stratum containing, within one quarter mile of the well bore, underground sources of drinking water? (FORM 4)												
G. Do you or will you inject at this facility any produced water or other fluids which are brought to the surface in connection with conventional oil or natural gas production, inject fluids used for enhanced recovery of oil or natural gas, or inject fluids for storage of liquid hydrocarbons? (FORM 4)	34 35 36	H. Do you or will you inject at this facility fluids for special processes such as mining of sulfur by the Frasch process, solution mining of minerals, in situ combustion of fossil fuel, or recovery of geothermal energy? (FORM 4)												
I. Is this facility a proposed stationary source which is one of the 28 industrial categories listed in the instructions and which will potentially emit 100 tons per year of any air pollutant regulated under the Clean Air Act and may affect or be located in an attainment area? (FORM 5)	40 41 42	J. Is this facility a proposed stationary source which is NOT one of the 28 industrial categories listed in the instructions and which will potentially emit 250 tons per year of any air pollutant regulated under the Clean Air Act and may affect or be located in an attainment area? (FORM 5)												
III. NAME OF FACILITY														
c	1 SKIP													
15	16 - 29	30												
IV. FACILITY CONTACT														
A. NAME & TITLE (<i>last, first, & title</i>)		B. PHONE (<i>area code & no.</i>)												
c	2													
15	16	45 46 48 49 51 52 55												
V. FACILITY MAILING ADDRESS														
A. STREET OR P.O. BOX														
c	3													
15	16	45												
B. CITY OR TOWN		C. STATE												
c	4													
15	16	40 41 42 47 51												
VI. FACILITY LOCATION														
A. STREET, ROUTE NO. OR OTHER SPECIFIC IDENTIFIER														
c	5													
15	16	45												
B. COUNTY NAME														
46	70													
C. CITY OR TOWN		D. STATE												
c	6													
15	16	40 41 42 47 51 52 54												

CONTINUED FROM THE FRONT

VII. SIC CODES (4-digit, in order of priority)			
A. FIRST		B. SECOND	
C 7	(specify)	C 7	(specify)
15	16 - 19	15	16 - 19
C. THIRD		D. FOURTH	
C 7	(specify)	C 7	(specify)
15	16 - 19	15	16 - 19

VIII. OPERATOR INFORMATION			
A. NAME			B. Is the name listed in Item VIII-A also the owner? <input type="checkbox"/> YES <input type="checkbox"/> NO
C 8			55 66
15	16	55	66
C. STATUS OF OPERATOR (Enter the appropriate letter into the answer box: if "Other," specify.)			D. PHONE (area code & no.)
F = FEDERAL S = STATE P = PRIVATE	M = PUBLIC (other than federal or state) O = OTHER (specify)	(specify)	C A
56			15 16 - 18 19 - 21 22 - 26

E. STREET OR P.O. BOX	
26 55	

F. CITY OR TOWN		G. STATE	H. ZIP CODE	IX. INDIAN LAND Is the facility located on Indian lands? <input type="checkbox"/> YES <input type="checkbox"/> NO
C B				52
15	16	40 41	42 47 - 51	52

X. EXISTING ENVIRONMENTAL PERMITS			
A. NPDES (Discharges to Surface Water)		D. PSD (Air Emissions from Proposed Sources)	
C 9	T N	I	C 9
15	16	17	18
B. UIC (Underground Injection of Fluids)		E. OTHER (specify)	
C 9	T U	I	(specify)
15	16	17	18
C. RCRA (Hazardous Wastes)		E. OTHER (specify)	
C 9	T R	I	(specify)
15	16	17	18

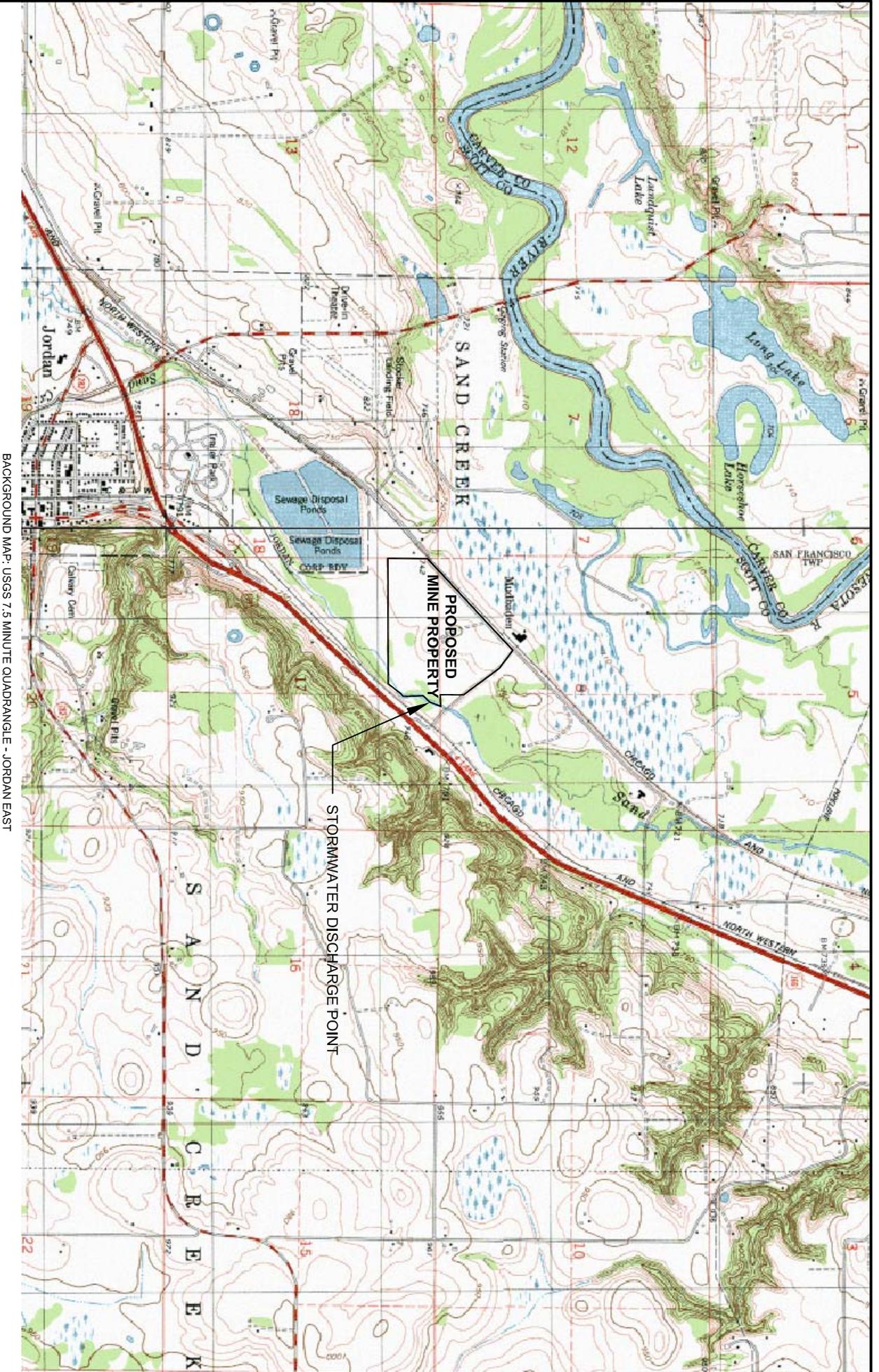
XI. MAP
 Attach to this application a topographic map of the area extending to at least one mile beyond property boundaries. The map must show the outline of the facility, the location of each of its existing and proposed intake and discharge structures, each of its hazardous waste treatment, storage, or disposal facilities, and each well where it injects fluids underground. Include all springs, rivers, and other surface water bodies in the map area. See instructions for precise requirements.

XII. NATURE OF BUSINESS (provide a brief description)

XIII. CERTIFICATION (see instructions)
 I certify under penalty of law that I have personally examined and am familiar with the information submitted in this application and all attachments and that, based on my inquiry of those persons immediately responsible for obtaining the information contained in the application, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

A. NAME & OFFICIAL TITLE (type or print)	B. SIGNATURE	C. DATE SIGNED

COMMENTS FOR OFFICIAL USE ONLY
C
15 16 55



BACKGROUND MAP: USGS 7.5 MINUTE QUADRANGLE - JORDAN EAST

1" APPROXIMATELY 1/2 MILE

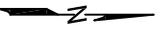


FIGURE 1
SURROUNDING TOPOGRAPHY
SAND CREEK TOWNSHIP, MN
JORDAN AGGREGATES PROPOSED SAND AND GRAVEL MINE



The National Pollutant Discharge Elimination System (NPDES)/State Disposal System (SDS) Permit Program regulates wastewater discharges to land and surface waters. This attachment applies to municipal and industrial facilities with a pond system (i.e. primary, secondary, polishing, equalization, anaerobic, contaminated runoff, etc.).

Complete the attachment by typing or printing in black ink. Attach additional sheets as necessary. For more information, please contact the Minnesota Pollution Control Agency (MPCA) at: In Metro Area: 651-296-6300 or Outside Metro Area: 800-657-3864.

Permittee name: Jordan Aggregates, LLC Permit number: MN

Geology/Hydrogeology Information

- 1. Provide a description of the soil beneath or in the vicinity of the ponds. Use information from soil surveys or from existing soil borings or well logs if available. (Ex.: 8 feet (ft.) of fine sand underlain by 10 ft. of silty clay.) Sparta Fine Sand, 2 to 6 percent, About 1 foot sandy loam, then 1 to 2 feet of clay loam or loam, and finally, loam or clay loam till; pockets or lenses of sand and gravel in the till; a few boulders on surfaces and throughout profile; these are well-drained soils of the uplands
2. What is the depth below ground surface of the water table at the pond site? 15 ft. How many feet below ground surface is the bottom of the pond? 3 ft.
3. What is the depth to bedrock at the pond site? <10 ft. 10-20 ft. 20-50 ft. >50 ft.
4. What is the bedrock type (Ex.: limestone, sandstone, etc.)? Glauconitic sandstone, siltstone, and shale
5. What is the proximity to the ponds of private water supply wells? < 1/4 mile 1/4 - 1 mile >1 mile
6. Describe the approximate number, type and depth of private water wells in the general vicinity of the ponds (3 mile radius). (Ex.: most (#?) wells generally drilled to greater than 50 ft., however, several shallow (20 ft.) sand point wells also present.) There are approximately 265 private water wells within 3 miles of the facility. Roughly 125 of these wells are within the shallow surficial aquifer (<60'), the rest are completed in aquifers in excess of 60' in depth.
7. Are the ponds located in a designated Wellhead Protection Area? Yes No
8. Are monitoring wells present at the pond site? Yes No
If yes, please submit a topographic or equivalent map showing well locations with respect to the pond system. Have any wells shown adverse impacts (Ex.: high nitrate or chloride concentrations)? Yes No
If yes, please describe the adverse impacts: While monitoring has not commenced on the Sites monitoring wells, investigation of the local quaternary aquifer shows high concentrations of nitrate due to agricultural impacts.
9. What is the proximity to the ponds of any nearby surface waters? (Ex.: Minnesota River located 1/4 mile to the north.) Sand Creek is adjacent to the southern edge of the Site. The Minnesota River is located 0.7 miles to the northwest.

Pond Information

- 10. Please indicate the types of ponds that are present at the facility. (Check all that apply)
Primary Secondary Polishing Equalization
Aerated Anaerobic Cooling Contaminated runoff
Irrigation holding Ash handling Other: Aggregate Washing Settling Basin

11. Please complete the following table for each pond at the facility.

Pond type	Max operating depth (ft.)	Min operating depth (ft.)	Mean operating depth (ft.)	Acreage at mean operating depth	Days of detention time (design flow)	Year each pond was constructed
Wastewater	3	0	2	0.015	NA	Not Constructed

12. What is the source of the acreage information in question 11 above? (Ex: as built plans and specs, engineering survey, etc.)

Design Plans

13. Has the pond system ever been repaired or upgraded? Yes No If yes, what year? _____

If yes, please describe what the upgrade included: _____

14. Has the pond system ever been dredged? Yes No If yes, what year? _____

If yes, please describe the method of dredge material disposal: _____

15. What type of pond liner is present? Clay Synthetic/Vinyl Bentonite Other: _____

16. Is the pond system ever operated at a depth so that the freeboard is less than 3 feet? Yes No

If yes, please describe the situation and identify how often it occurs: Pond is used for settling and then water will be reused. The pond will be closed to stormwater run-on and is therefore not in danger of overtopping.

17. What is the relationship between current wastewater flows and pond designed hydraulic capacity?

below capacity at or near capacity above capacity

18. Are there any drain tiles (designed or pre-existing) located in the vicinity of or beneath the pond system? Yes No

If yes, please submit a topographic or equivalent map showing the drain tile locations and a description of each. (The map and description should include but not be limited to: the drain tile location in relation to the pond system; the drain tile location in relation to the irrigation field [if applicable]; each drain tile discharge location; and, each discharge location station identification code [if applicable].)

19. Please list the calendar month total influent and effluent flow in million gallons for each of the past 12 months (not applicable for municipal facilities).

	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sept.	Oct.	Nov.	Dec.
Influent	0.167	0.167	0.167	0.167	0.167	0.167	0.167	0.167	0.167	0.167	0.167	0.167
Effluent	NA											

20. What is the average annual influent CBOD₅? 0 mg/L

21. Are there known or potential sources of toxic pollutants (metals, Volatile Organic Compounds [VOCs] such as, trichloroethylene, chloroform, methyl tert-butyl ether [MTBE], benzene, etc.)? Yes No

If yes, please describe: _____

22. Is the pond system located in karst topography? Yes No

If yes and if your facility is listed in the 1993 Administrative Order requiring the preparation of a contingency plan, please ensure your facility has an updated contingency plan on file.

Review the attachment and ensure all requested items are submitted with this attachment.

Please make a copy for your records.

Refer to the Transmittal Form for mailing instructions.



Individual Industrial Stormwater Multi-Sector NPDES/SDS Permit Application

NPDES/SDS Wastewater Permit Program

Doc Type: Permit Application

Purpose: In addition to point source discharges, the National Pollutant Discharge Elimination System (NPDES)/State Disposal System (SDS) Permit Program regulates industrial stormwater (ISW) discharges to surface waters and land. This application applies to municipal and privately owned facilities which have Narrative Activities or a Primary Standard Industrial Classification (SIC) code listed in the *Individual Industrial Stormwater Multi-Sector Permit Application Instructions* and is requesting to incorporate their ISW permit requirements into their individual NPDES/SDS Permit. Please refer to the *Individual Industrial Stormwater Multi-Sector Permit Application Instructions* on the Minnesota Pollution Control Agency (MPCA) website at <http://www.pca.state.mn.us/enzq915> detailed instructions.

Instructions: Complete the application by typing or printing in black ink. Attach additional sheets as necessary. Review the attachment and ensure all requested items are submitted with this attachment. Please make a copy for your records. Refer to the *Transmittal Form* for mailing instructions. For more information, please contact the Minnesota Pollution Control Agency (MPCA) at: In Metro Area: 651-296-6300 or Outside Metro Area: 800-657-3864.

Permittee name: Jordan Aggregates, LLC **NPDES/SDS permit number:** MN

1. Do you currently have coverage under the Industrial Stormwater Multi-Sector General Permit or have certified for No Exposure?

Yes No **If yes,** please provide your permit ID: MNR **If no,** skip to 2.

Would you like to terminate your coverage under the Industrial Stormwater Multi-Sector General Permit and incorporate your permit requirements into your individual NPDES/SDS permit? Yes No

If no, stop here. You are responsible for maintaining compliance with the requirements of the Industrial Stormwater Multi-Sector General Permit.

2. Select all applicable Narrative Activities from the list below. If none are applicable, skip to 3.

Subsector	Subsector description	Check if applicable
A4	Timber products: discharges from wet decking storage areas	<input type="checkbox"/>
C1	Runoff from phosphate fertilizer manufacturing facilities that comes into contact with any raw materials, finished product, by-products, or waste products	<input type="checkbox"/>
D1	Runoff from asphalt paving and roofing material areas	<input checked="" type="checkbox"/>
D2	Discharges from production of asphalt emulsions areas	<input type="checkbox"/>
E2	Runoff from concrete and gypsum product manufacturing areas	<input checked="" type="checkbox"/>
E3	Cement manufacturing facility, material storage runoff	<input type="checkbox"/>
J1	Runoff from sand and gravel mining areas	<input checked="" type="checkbox"/>
J2	Runoff from dimension, crushed stone, and nonmetallic mineral mining areas	<input type="checkbox"/>
J4	Mine dewatering discharges at construction: sand and gravel, or industrial sand mining facilities	<input type="checkbox"/>
K1	Hazardous waste treatment/storage/disposal facility for discharges not subject to effluent limitations in 40 CFR pt. 445, subp. A	<input type="checkbox"/>
K2	Hazardous waste treatment/storage/disposal facility for discharges subject to effluent limitations in 40 CFR pt. 445, subp. A	<input type="checkbox"/>
L1	Municipal solid waste landfill areas closed in accordance with 40 CFR 258.60	<input type="checkbox"/>
L2	Open or closed non-hazardous waste landfill and land application site not discharging to surface water	<input type="checkbox"/>
L3	Landfill that discharges to surface waters stormwater that has directly contacted solid waste	<input type="checkbox"/>
O1	Coal fired and oil fired steam electric generating facility	<input type="checkbox"/>
O2	Nuclear, natural gas fired, and any other fuel source used for steam electric generation	<input type="checkbox"/>
O3	Runoff from coal storage piles at steam electric generating facility	<input type="checkbox"/>
T1	Treatment works with design flow of one million gallons per day or more or are required to have an approved pretreatment program under 40 CFR pt. 403	<input type="checkbox"/>

3. What is your facility's primary SIC code? 1442

(See the instructions for the definition of "primary" SIC Code.)

If your primary SIC code or Narrative Activity is not listed within the instructions, Stop here. An application is not required; keep this document for your records.

4. List up to five additional authorized SIC codes from the instructions, if applicable:

2951

3273

5. If you listed SIC codes 2869, 4512, 4513, 4522, or 4581 in 3 or 4, list the corresponding subsector:
 (Examples: 2869-C7 or 4581-S2)

6. What is the acreage of your Industrial Activities?

Round to one decimal place (ex: 10.4): 84.7

7. Briefly describe the industrial activities performed at this facility:

Sand and gravel mining as well as aggregate washing to produce sand and gravel aggregate products for construction and development projects. A portable asphalt/concrete mixing plant will also be present on the site.

8. No Exposure. Are any of the following materials or activities exposed to precipitation, now or in the foreseeable future? These questions are for your entire facility. (See instructions for examples.)

A. Using, storing or cleaning industrial machinery or equipment, and areas where residuals from using, storing or cleaning industrial machinery or equipment remain and are exposed to stormwater	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
B. Materials or residuals on the ground or in stormwater inlets from spills or leaks	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
C. Materials or products from past industrial activity	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
D. Material handling equipment (except adequately maintained vehicles)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
E. Materials or products during loading or unloading or transporting activities	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
F. Materials or products stored outdoors (except final products intended for outside use, such as new cars, where exposure to stormwater does not result in the discharge of pollutants)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
G. Materials contained in open, deteriorated or leaking storage drums, barrels, tanks and similar containers	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
H. Materials or products handled or stored on roads or railways owned or maintained by the discharger	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
I. Waste materials (except waste in covered, non-leaking containers like a covered dumpster)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
J. Application or disposal of process wastewater, unless otherwise permitted (If currently unpermitted, obtain NPDES/SDS permit coverage or authorization from your local Wastewater Treatment Facility)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
K. Particulate matter or visible deposits of residuals from roof stacks and/or vents not otherwise regulated (i.e., under an air quality control permit) and evident in the stormwater outflow	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

If you checked “yes” to any question(s) A-K, you are not eligible for the No Exposure exclusion. Go to 10.

If you checked “no” to all of the questions in A-K, you qualify for the No Exposure exclusion. Go to 9, sign, and submit form as part of the entire permit application packet to the MPCA.

9. No Exposure Owner and Operator Certification

I certify under penalty of law that I have read and understand the eligibility requirements for claiming a condition of “no exposure” and obtaining an exclusion from NPDES/SDS stormwater permitting; and that there are no discharges of storm water contaminated by exposure to industrial activities or materials from the industrial facility identified in this document.

I understand that I am obligated to submit a no exposure certification form once every five years to the NPDES/SDS permitting authority and, if requested, to the operator of the local Municipal Separate Storm Sewer Systems (MS4) into which this facility discharges.

I understand that I must allow the NPDES/SDS permitting authority, or MS4 operator where the discharge is into the local MS4, to perform inspections to confirm the condition of no exposure and to make such inspection reports publicly available upon request.

I understand that I must obtain coverage under an NPDES Permit prior to any point source discharge of storm water from the facility. I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted.

Based upon my inquiry of the person or persons who manage the system, or those persons directly involved in gathering the information, the information submitted is to the best of my knowledge and belief true, accurate and complete.

I am aware there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

(This certification is required by Federal Regulation 40 CFR 122.26(g)(4)(iv).)

Owner authorized signature:
(For No Exposure only)

Operator authorized signature:
(For No Exposure only)

Owner (please print): Steven M Hentges
 Title: Owner
 Signature: [Signature]
 Date (mm/dd/yyyy): 5/28/14

Operator (if different): _____
 Title: _____
 Signature: _____
 Date(mm/dd/yyyy): _____

If you were unable to certify for the No Exposure exclusion, continue.

10. Do industrial stormwater discharges flow from the facility to a regulated MS4?

Yes No If Yes, name of Regulated MS4 Owner: _____
 (Ex: St. Paul Municipal Stormwater)

11. List all surface waters that receive your industrial stormwater discharge.

Indicate below the name of surface water(s) and type of surface water (Fen, Ditch, Lake, Lake Trout Lake, Pond, River, Stream, Trout Stream, or Wetland) that receive your industrial stormwater discharges. If you are unsure of your receiving waters, the following website may be useful: <http://viewer.nationalmap.gov/viewer/>. Once you have found your location select the Hydro-NHD button in the upper right hand corner.

Name of surface water	Type of surface water
Ex: St. Croix River	Ex: River
Ex: Unnamed Ditch	Ex: Ditch
Sand Creek	Stream
Southern Drainage Ditch on Valley View Road	Ditch
Mine Pit	Perennial Pond

12. Monitoring location information.

List all Benchmark and Effluent Monitoring Locations. **A minimum of one monitoring location is required.** These monitoring locations apply to sheltered product/activity/waste storage areas as well. See instructions for clarification. Attach additional sheets as necessary.

#	Describe the location of the monitoring location	Latitude	Longitude	List Subsector of Narrative Activities and/or SIC Codes for monitoring location
	Ex: NW corner of facility, near road	Ex: 44. 956497	Ex: -93. 084619	Ex: SIC 3111
		Ex: 44. 956497	Ex: -93. 084619	Ex: O2
1	Mine Pit Culvert on southeasr corner of the site near Sand Creek	44.687476	-93.612882	SIC 1442
2	Mine Pit Overflow on southeasr corner of the site near Sand Creek	44.687476	-93.612882	SIC 1442
3				
4				
5				
6				

Complete the following for each site:

Site name: Jordan Aggregate Mining Operation

Facility site street/road address (not P.O. Box): 17825 Valley View Drive

City: Sand Creek Township State: MN Zip: 55352 Telephone: NA

Name of contact person at the site: Steve Hentges
(If different than Facility Operator on Transmittal Form [wq-wwprm7-03] question #5)

Title: _____ Telephone: 9524925700 E-mail: steve@smhentges.com

Name of secondary contact person at the site: _____

Title: _____ Telephone: _____ E-mail: _____

Activity Information

	Yes	No
<p>1. Do you dewater from your mine, pit, or quarry to a surface water of the state? <i>This is only authorized for Construction Sand and Gravel (SIC Code 1442), Industrial Sand (SIC Code 1446) Dimension stone (SIC Code 1411), Crushed and Broken Limestone (SIC Code 1422), Crushed and Broken Granite (SIC Code 1423), and Crushed and Broken Stone (not elsewhere classified, SIC Code 1429) mining and quarrying areas. (All other activities that dewater must obtain an individual permit.) Dewatering means water that is impounded or that collects in the mine and is pumped, drained or otherwise removed from the mine through the efforts of the mine operator.</i></p> <p>Water will only flow from the pit during large flooding events.</p>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<p>2. Do you dewater from a mine, pit or quarry to a control device? <i>Control devices include settling ponds, sedimentation basins, and/or infiltration basins. Devices shall be designed consistent with accepted engineering practices to control the pollutants of concern.</i></p> <p>NA</p>	<input type="checkbox"/>	<input type="checkbox"/>
<p>3. Is the abovementioned control device designed to control a 10-year, 24-hour storm event? <i>Documentation must be submitted with this application for MPCA to acknowledge the device as controlling mine pit dewatering from a 10-year, 24-hour storm event and for MPCA to dismiss the monitoring requirements in Section 8 of the permit. Designs must be approved by a professional engineer.</i></p> <p>NA</p>	<input type="checkbox"/>	<input type="checkbox"/>
<p>4. Have you had an overflow from your control device in the last five years? <i>An overflow can be a result from direct rainfall and/or groundwater seepage. It is only different from mine pit dewatering because it is passive and not removed through efforts of the mine operator.</i></p> <p>NA</p>	<input type="checkbox"/>	<input type="checkbox"/>
<p>5. Do you discharge stormwater to groundwater? (e.g., Do you infiltrate stormwater to the ground?)</p> <p>Water in the mine pit will infiltrate. However the pit will be excavated below the water table, so the pit will be flooded to the groundwater level.</p>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<p>6. Do you discharge stormwater to a surface water of the state? <i>Because of the nature of the industry, if you answered 'yes' to question #4, this question should be 'yes' also. Often the overflow is a result of rainfall or snowmelt. More information is collected in this application under 'Location Identification of Surface Water Discharge' beginning at #18.</i></p>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<p>7. Do you have any of the following non-stormwater (also considered wastewater) activities conducted at your site? <i>Check all that apply.</i></p> <ul style="list-style-type: none"> <input checked="" type="checkbox"/> a. Wash water from Subsector J1 and J2 facilities <input type="checkbox"/> b. Wet scrubbers at Subsector D1 facilities <input type="checkbox"/> c. Washing trucks, mixers, transport buckets, forms and/or other equipment at Subsector E2 facilities <input type="checkbox"/> d. Scale deck wash water <input type="checkbox"/> e. Wash water associated with emergency cleaning of mobile equipment and/or cosmetic cleaning of mobile equipment that does not use detergents, solvents, or degreasers <input checked="" type="checkbox"/> f. Waters used for dust control on crushers, conveyors, and associated equipment 		

Yes No

8. Is stormwater co-mingled with any of the non-stormwater listed in #7 above prior to discharge? Yes No
If you answered 'yes', then that stormwater is considered non-stormwater, or process wastewater and must be discharged in accordance with wastewater requirements. Therefore, there shall be no surface water discharge and all water must be collected, contain and infiltrate to the ground. The permittee must implement Best Management Practices to prevent contamination of groundwater.

9. Select the Primary Activity and Secondary Activity (if applicable) at the site:

	Primary	Secondary
Subsector J1		
Construction sand and gravel mining (Standard Industrial Classification [SIC] Code 1442)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Industrial sand mining (SIC Code 1446) ¹	<input type="checkbox"/>	<input type="checkbox"/>
Subsector J2		
Dimension stone (SIC Code 1411)	<input type="checkbox"/>	<input type="checkbox"/>
Crushed and broken limestone mining/quarry area (SIC Code 1422)	<input type="checkbox"/>	<input type="checkbox"/>
Crushed and broken granite mining/quarry area (SIC Code 1423)	<input type="checkbox"/>	<input type="checkbox"/>
Crushed and broken stone mining/quarry area (not elsewhere classified, SIC Code 1429)	<input type="checkbox"/>	<input type="checkbox"/>
Subsector D1		
Hot mix asphalt production areas also known as asphalt paving mixtures and blocks (SIC Code 2951). This includes portable hot mix asphalt plants.	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Subsector E2		
Concrete block and brick (SIC Code 3271)	<input type="checkbox"/>	<input type="checkbox"/>
Concrete products other than block and brick (SIC Code 3272)	<input type="checkbox"/>	<input type="checkbox"/>
Ready-mix concrete (SIC Code 3273)	<input type="checkbox"/>	<input type="checkbox"/>

¹If using flotation or acid leaching process(es), you are **not** eligible for this general permit and must apply for an individual permit.

10. Describe completely your stormwater management systems used to control stormwater:

Includes industrial stormwater ponds, sedimentation basins, and/or infiltration devices.

Stormwater in the mining area will be collected in the mining pit. A flood control spillway will be constructed at an elevation of 726 feet msl and a concrete culvert will be constructed at 722 feet msl. The mining pit will serve as a sedimentation basin, outletting water to Sand Creek. Rainfall events are not expected to raise the water level in the pit above the outlet elevation. However flood waters from a 2-year flood or more are expected to rise above the proposed outlet. All remaining stormwater north of the pit will flow to an infiltration pond where suspend solids will be settled before infiltration or outlet to a drainage ditch on the south side of Valley View Drive occurs.

11. Describe completely your wastewater treatment systems:

Wastewater will only be generated in the form of aggregate wash water from the washing of aggregate. This water will be collected and discharged to a recycle basin. The recycle basin will settle fine particles and the clean water will then be reused for further washing. The basin will be lined with an impermeable barrier and excess fines will be blended with overburden from the site and used as on-site reclamation fill.

12. For permit reissuance or modification, note any changes made to either the stormwater or wastewater treatment systems since this permit was last issued (include additional sheets, if needed):

NA

13. How and where are the sediments and sludge removed from the stormwater and/or wastewater treatment systems at the facility disposed?

Excess fines will be blended with overburden from the site and used as on-site reclamation fill.

14a. Does the facility discharge non-contact cooling water (for example, power generation, refrigeration, boilers, etc.)?

This is a non-stormwater discharge and must be infiltrated on site to be eligible for this general permit.

Yes No If yes, is this once-through or recirculating: _____

14b. Are there any chemical additives to this waste stream? Yes No

15. List below all chemical additives that are used or proposed to be used at the facility.

This must include all process reagents, flocculants, biocides, wastewater treatment chemical additives, chlorine or other disinfectants, detergents, cleaning products, chemical dust suppressants, freeze conditioning agents, etc.

Product name	How often	Where it is used	Average rate of use
--------------	-----------	------------------	---------------------

	added	(weight or volume/day)

Attach Material Safety Data Sheets and complete product labels for each additive. Attach information on the chemical composition, aquatic toxicity, human health, and environmental fate for each proposed chemical additive.

16. What is the source of the intake water supply for the facility?

Intake water supply includes all make-up water supplied to the facility. (Choose one.)

- Municipal, include city name: _____
- Groundwater, intake location: Quaternary Aquifer
- Surface water, include name: _____

If this is a non-municipal water supply, have you already obtained a Minnesota Department of Natural Resources (DNR) water appropriations permit? Yes No Not applicable

If yes, what is the DNR permit number: _____ DNR permit expiration date (mm/dd/yyyy): _____

Is the intake water supply chlorinated or otherwise disinfected? Yes No

17. Has the facility been required to complete an Environmental Impact Statement (EIS) and/or Environmental Assessment Worksheet (EAW)? Yes No Not applicable

If yes, attach a copy of the completed EIS/EAW and note:

Jordan Aggregates LLC Project Final EIS	1/10/2011
Jordan Aggregates Proposed Mining Operation EAW	10/9/2009
(Title)	Date (mm/dd/yyyy)

18. What is the fate of the sewage generated by the facility?

Examples are septic tank and drainfield, routing to municipal sanitary sewer, portable containment systems, etc.

The site will utilize portable sanitary facilities

19. Is this site covered under any other permit? For example, does this site have an Industrial Stormwater Multi-Subsector General Permit (MNR050000) or a Construction Stormwater Permit (MNR100001)? Yes No

If yes, please provide permit identification number. This does not include coverage you already may have through this permit (MNG490000).

20. Have you developed a Pollution Prevention Plan for this site? Yes No

You must do so prior to submittal of this application. If you have already created one under another version of this general permit, you must update the plan prior to submittal of this application.

Location Identification of Surface Water Discharges

21. Please identify each surface water discharge location at your site. If you answered 'yes' to question #1, #4 (mine dewatering), and/or #6 (stormwater) above, please provide the discharge location.

The point source discharge location is defined as the location where a wastewater or stormwater discharge enters a surface water (not where the pipe leaves the wastewater facility structure). If a pipe extends out into a river or lake, the location is identified where the pipe leaves the shore and enters the body of water. If the discharge is to a tile line or storm sewer, the location is identified where the tile line or storm sewer enters a surface water. If the discharge is into an open ditch or ravine, the location is identified as the point where the discharge leaves the pipe and enters the open ditch. Examples include "to Twin Lakes", "to unnamed wetlands adjacent to Black Lake", "to a storm sewer to the Cottonwood River", or "to an unnamed ditch to the Sunrise River". For new facilities, enter as much information as available and provide a name or description for the Station ID.

Station ID (if applicable): _____

Type of discharge: Overflow Control Device

(i.e., pit site dewatering, stormwater runoff, overflow from control device)

Average discharge flow rate: _____
(Flow rates are not necessary for discharges that solely consist of stormwater runoff.)

Maximum discharge flow rate: _____

Flow duration and frequency:
Month of flow: _____ Days/week: _____ Hours/day: _____

Complete the table for each surface water discharge point. If this is an existing facility, refer to the current NPDES/SDS Permit for Station ID. For new facilities, enter as much information as available. If more space is needed for additional stations, attach additional pages.

Station ID: SD South Pipe Outlet

Township (26-71 or 101-168)	Range (1-51)	Section (1-36)	¼ Section (NW, NE, SW, SE)	¼ of ¼ Section (NW, NE, SW, SE)
T114N	R23 <input type="checkbox"/> E <input checked="" type="checkbox"/> W	17	NW	NE
Latitude	Longitude	Datum	Coordinate Collection Method	Date Coordinate Collected
44.687476	-93.612882	NAD83	Design Drawing	NA

Receiving water name: Sand Creek

A datum for Latitude/Longitude and Universal Transverse Mercator (UTM) should be specified. For latitude/longitude coordinates, this will either be NAD83 or WGS84 (the default on most GPS units). NAD83 is preferred.

For latitude/longitude indicate the method of collection and the date of collection. Methods of collection include:

- GPS – Survey Quality
- GPS – Recreational Receiver WAAS enabled (Real Time Differential Corrected)
- GPS – Recreational Receiver Uncorrected
- GPS – Unknown
- Digitized – Web Map Google / Yahoo / Microsoft
- Digitized – Digital Raster Graph (DRG) (USGS 7.5 min topographic map 1:24,000 scale)
- Digitized – Digital Ortho Quad (DOQ) (USGS aerial photo 1:24,000 scale)

Surface water discharge location example:

Station ID: SD 1

Township (26-71 or 101-168)	Range (1-51)	Section (1-36)	¼ Section (NW, NE, SW, SE)	¼ of ¼ Section (NW, NE, SW, SE)
T 109 N	R 28 <input type="checkbox"/> E <input checked="" type="checkbox"/> W	5	NW	NW
Latitude	Longitude	Datum	Coordinate Collection Method	Date Coordinate Collected
44.271062	-94.180317	NAD83	DOQ (aerial photo)	4/24/2009

Receiving Water: County Ditch 4

		Yes	No
22.	Do you dewater to any of the following receiving waters? <i>If the answer is yes to any, you are not eligible for a general permit and must apply for an individual permit.</i>		
	a. Designated Outstanding Resource Value Waters (ORVW)? (Defined in Minn. R. 7050.0180 and listed in Minn. R. 7050.0470)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	b. DNR-posted fish-spawning areas?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	c. DNR-designated trout waters? Trout waters locations are listed in Minn. R. 6264.0050, subp. 1 and 3	<input type="checkbox"/>	<input checked="" type="checkbox"/>
23.	Do you discharge stormwater to any of the following? <i>If the answer is yes to any, the permit has specific requirements for your discharge. See Section 3 of the permit to insure you are able to meet these requirements. If not, an individual permit may be necessary.</i>		
	a. Within 2000 feet of an ORVW?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	b. Within 2000 feet of a DNR-designated Trout Stream?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	c. Within 1 mile of an impaired water?	<input type="checkbox"/>	<input checked="" type="checkbox"/>

24. Provide representative results from tests taken during the most recent discharge for each of the following in the projected discharge. If more than one discharge point is involved, attach additional copies as needed. (Required under Minn. R. 7001.1050 and 7001.1060)

	Minimum	Maximum
Temperature (degrees Fahrenheit)		
pH		
Total suspended solids (TSS) maximum (mg/L)		
Total phosphorus maximum (mg/L)		
Other potential pollutants		

(for example, metals, ammonia, nitrate, nitrite, salts, residual chlorine, fluoride, oil and grease, polychlorinated biphenyls, phenols, polynuclear aromatic hydrocarbons, and/or volatile organic compounds)

Please clearly indicate with the test results the specific dates, locations and methods of sampling. The time when you sample must be representative of the projected discharge wastewater quality.

Minnesota Department of Health (MDH) rules require that all laboratories conducting wastewater tests be certified. To help ensure the precision and accuracy of water quality test results, the MPCA accepts laboratory data only from MDH-certified laboratories. (Dissolved oxygen, pH, temperature and total residual chlorine analyses do not need to be done by a certified laboratory; these analyses shall be conducted as soon as practicable after sample collection and no later than one hour after collection.)

Indicate the name of the laboratory that will analyze your samples: _____

Indicate the MDH Laboratory Certification No. for this laboratory: _____

Site Diagram and Map

25. Attach a site map showing:

- location of all discharge points
- location of all overflow points from control devices
- directions of stormwater runoff (including stormwater that is contained/infiltrated on site).

Instructions

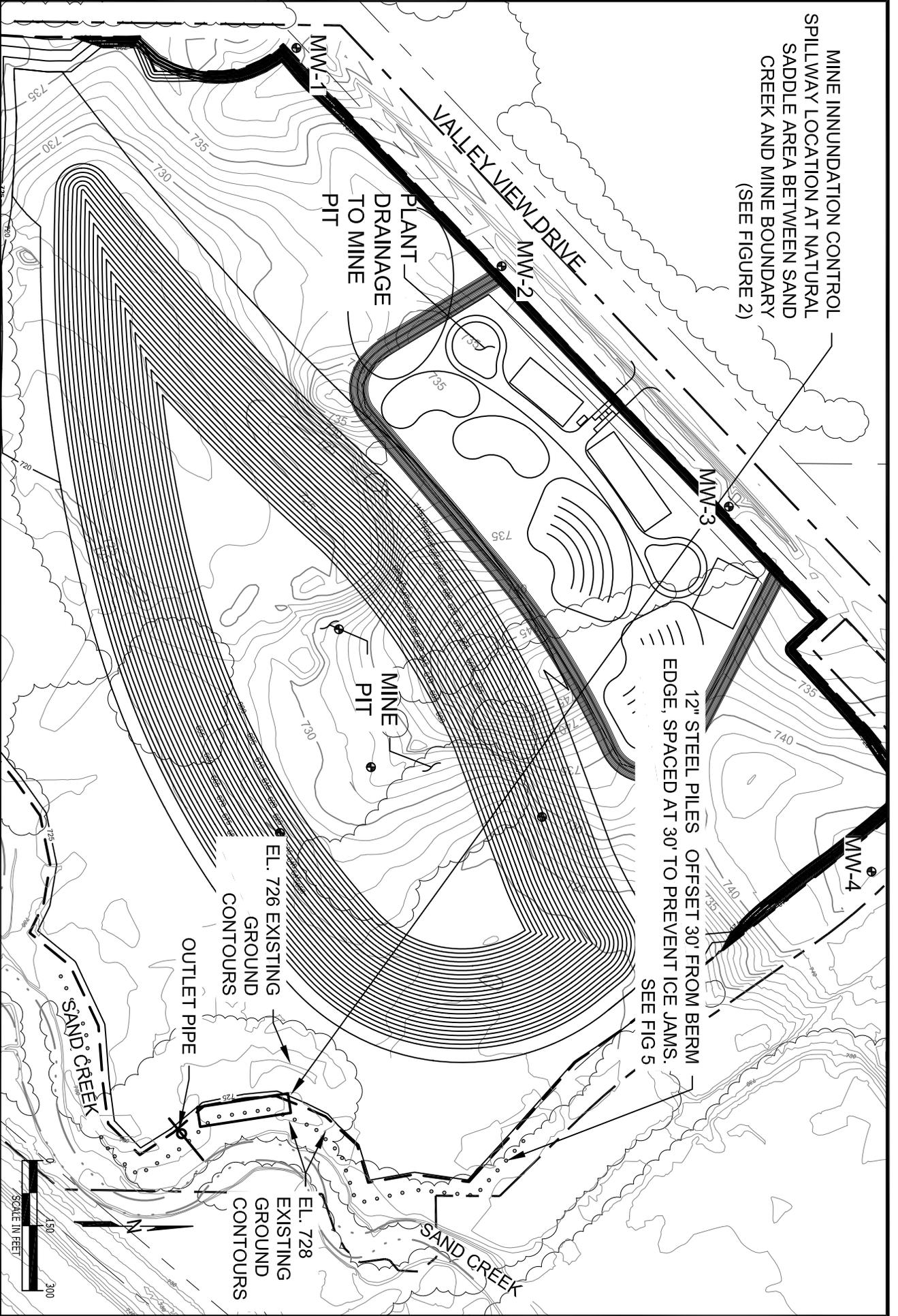
The National Pollutant Discharge Elimination System (NPDES)/State Disposal System (SDS) Permit Program regulates stormwater and wastewater discharges to land and surface waters. This application applies to nonmetallic mining and associated operations that have stormwater that comes in contact with pollutants and may also have wastewater from the dewatering of pits and quarries, wash water from washing product or trucks, cooling cutting saws, or other sources.

All permittees must complete the *Transmittal Form* (wq-wwprm7-03). Facilities applying for Nonmetallic Mining and Associated Activities General Permit must complete questions #1-5, 9-11, Application Fees and Certification sections of the *Transmittal Form*. Otherwise, all questions are addressed in this application. The *Transmittal Form* (wq-wwprm7-03) only needs to be completed once regardless of the number of sites.

This is a multi-site permit. Many of the industries covered under this permit may have more than one location where they conduct the permitted activities. Only one *Transmittal Form* is needed, but **for each site (pit, quarry, or production site), a separate application must be completed.** All activities may be covered under one permit, but to correctly assess the discharges, Minnesota Pollution Control Agency (MPCA) needs information about each site.

All activities include construction at the facility and materials stored in compliance with Minn. R. 7035.2860 (Beneficial Use of Solid Waste). Any recycling and storage of these materials must meet the requirements of Minn. R. 7035.2855 (Solid Waste Storage Standards), including uncontaminated asphalt, concrete rubble and other materials for recycling or reuse.

MINE INUNDATION CONTROL
SPILLWAY LOCATION AT NATURAL
SADDLE AREA BETWEEN SAND
CREEK AND MINE BOUNDARY
(SEE FIGURE 2)



12" STEEL PILES OFFSET 30' FROM BERM
EDGE, SPACED AT 30' TO PREVENT ICE JAMS.
SEE FIG 5.

JORDAN AGGREGATES
Sand Creek Township
Scott County, MN



FIGURE 1
Spillway Location