2/8/77

ATTACHMENT G

SW-57

MINNESOTA ENVIRONMENTAL QUALITY COUNCIL
ENVIRONMENTAL ASSESSMENT WORKSHEET (EAW)
AND NOTICE OF FINDINGS

DO NOT WRITE IN THIS SPACE
E.R. # _____

NOTE: The purpose of the Environmental Assessment Worksheet (EAW) is to provide information on a project so that one can assess rapidly whether or not the project requires an Environmental Impact Statement. Attach additional pages, charts, maps, etc, as needed to answer these questions. Your answers should be as specific as possible. Indicate which answers are estimated.

I. SUMMARY

A. ACTIVITY FINDING BY RESPONSIBLE AGENCY (PERSON)

☐ Negative Declaration (No EIS) ☐ EIS Preparation Notice (EIS Required)

B. ACTIVITY IDENTIFICATION

1. Project name or title Freeway Sanitary Landfill

2. Project proposer(s) Richard B. McGowan Company

Address West 113th Street and Interstate Highway 35W

Telephone Number and Area Code (612) 890-1081

3. Responsible Agency or Person _____

Address _____

Person in Responsible Agency (Person) to contact for further information on this EAW: _____ Telephone _____

4. This EAW and other supporting documentation are available for public inspection and/or copying at: Location _____

Telephone _____ Hours _____

5. Reason for EAW Preparation

☒ Mandatory Category -cite MEQC Rule number(s) _____ ☐ Petition ☐ Other

C. ACTIVITY DESCRIPTION SUMMARY

1. Project location

County Dakota City/Township name Burnsville

Township number 27 (North), Range Number 24 East or West (circle one),

Section number(s) 28 Street address (if in city) or legal description:

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2. Type and scope of proposed project: Expand the maximum fill elevation by modifying the existing MPCA permit, SW-57, for Freeway Sanitary Landfill.

3. Estimated starting date (month/year) N/A

4. Estimated completion date (month/year) N/A

5. Estimated construction cost N/A

6. List any federal funding involved and known permits or approvals needed from each unit of government and status of each:

Unit of Government (federal, state, regional, local)	Name or Type of Permit/Approval or Federal Funding	Status
Minnesota Pollution Control Agency	Solid Waste Disposal Permit	
Dakota County	Solid Waste Disposal Permit	
Metropolitan Council	Permit Application Approval	
City of Burnsville	City Council Approval	

7. If federal permits, funding or approvals are involved, will a federal EIS be prepared under the National Environmental Policy Act? X NO ___ YES ___ UNKNOWN

II. ACTIVITY DESCRIPTION

A. Include the following maps or drawings:
1. A map showing the regional location of the project.
2. An original 8½ x 11 section of a U.S.G.S. 7½ minute, 1:24,000 scale map with the activity or project area boundaries and site layout delineated. Indicate quadrangle sheet name. (Original U.S.G.S. sheet must be maintained by Responsible Agency; legible copies may be supplied to other EAW distribution points.)
3. A sketch map of the site showing location of structures and including significant natural features (water bodies, roads, etc).
4. Current photos of the site must be maintained by the Responsible Agency. Photos need not be sent to other distribution points.

B. Present land use.

1. Briefly describe the present use of the site and lands adjacent to the site. The present site is being utilized as a sanitary landfill. The adjacent properties to the west, north, and east are open lands. The property to the south is a quarry. The Minnesota River is located 400' northwest of the landfill at the closest point. Interstate Highway 35W is located adjacent to the east property line of the existing landfill.

2. Indicate the approximate acreages of the site that are: Not Applicable 100% Existing Landfill

a. Urban developed	____ acres	f. Wetlands (Type III, IV, V)	____ acres
b. Urban vacant	____ acres	g. Shoreland	____ acres
c. Rural developed	____ acres	h. Floodplain	____ acres
d. Rural vacant	____ acres	i. Cropland/Pasture land	____ acres
e. Designated Recreation/Open Space	____ acres	j. Forested	____ acres

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3. List names and sizes of lakes, rivers and streams on or near the site, particularly lakes within 1,000 feet and rivers and streams within 300 feet.

Minnesota River 400 feet north.

C. Activity Description

1. Describe the proposed activity, including staging of development (if any), operational characteristics, and major types of equipment and/or processes to be used. Include data that would indicate the magnitude of the proposed activity (e.g. rate of production, number of customers, tons of raw materials, etc).

The proposed activity is to continue operating the existing landfill for an additional 4-6 years at current disposal rates of 15 to 25 thousand tons per month.

2. Fill in the following where applicable:

a. Total project area 126 acres
or
Length ____ miles

b. Number of housing or recreational units ____

c. Height of structures ____ ft.

d. Number of parking spaces ____

e. Amount of dredging ____ cu. yd.

f. Liquid wastes requiring treatment ____ gal/da

g. Size of marina and access channel (water area) ____ sq. ft.

h. Vehicular traffic trips generated per day 150-200. (No additional trips generated) ____ ADT

i. Number of employees 7

j. Water supply needed ____ gal/da
Source: _____

k. Solid waste requiring disposal ____ tons/yr

l. Commercial, retail or industrial floor space ____ sq. ft.

III. ASSESSMENT OF POTENTIAL ENVIRONMENTAL IMPACT

A. SOILS AND TOPOGRAPHY

1. Will the project be built in an area with slopes currently exceeding 12%? x No ___ Yes

2. Are there other geologically unstable areas involved in the project, such as fault zones, shrink-swell soils, peatlands, or sinkholes? x NO ___ YES

3. If yes on 1 or 2, describe slope conditions or unstable area and any measures to be used to reduce potential adverse impacts.

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4. Indicate suitability of site soils for foundations, individual septic systems, and ditching, if these are included in the project.

N/A

5. Estimate the total amount of grading and filling which will be done:
_____cu. yd. grading 3,000,000 cubic yards
What percent of the site will be so altered? 95 %

6. What will be the maximum finished slopes? 25 %

7. What steps will be taken to minimize soil erosion during and after construction?
Vegetation is maintained on the slopes to minimize erosion. The top surface of the landfill is maintained at a uniform 2% slope to minimize surface ponding or soil erosion.

B. VEGETATION

1. Approximately what percent of the site is in each of the following vegetative types:

Woodland	_____%	Cropland/ Pasture	_____%
Brush or shrubs	_____%	Marsh	_____%
Grass or herbaceous	_____%	Other (Specify)	100 % Existing Landfill

2. How many acres of forest or woodland will be cleared, if any? 0 acres

3. Are there any rare or endangered plant species or areas of unique botanical or biological significance on the site? (See DNR publication The Uncommon Ones.) x NO ____YES
If yes, list the species or area and indicate any measures to be used to reduce potential adverse impact.

C. FISH AND WILDLIFE

1. Are there any designated federal, state or local wildlife or fish management areas or sanctuaries near or adjacent to the site? ___NO x YES

2. Are there any known rare or endangered species of fish and wildlife on or near the site? (See DNR publication The Uncommon Ones.) x NO ___YES

3. Will the project alter or eliminate wildlife or fish habitat? x NO ___YES

4. If yes on any of questions 1-3, list the area, species or habitat, and indicate any measures to be used to reduce potential adverse impact on them. The operation of the existing landfill site does not have any adverse impact on the adjacent wildlife management area. Therefore, the continuation of this operation will not have an adverse impact.

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D. HYDROLOGY

1. Will the project include any of the following:
   If yes, describe type of work and mitigative measures to reduce adverse impacts.

	NO	YES
a. Drainage or alteration of any lake, pond, marsh, lowland or groundwater supply	x	
b. Shore protection works, dams, or dikes	x	
c. Dredging or filling operations	x	
d. Channel modifications or diversions	x	
e. Appropriation of ground and/or surface water	x	
f. Other changes in the course, current or cross-section of water bodies on or near the site	x	

2. What percent of the area will be converted to new impervious surface? 0 %

3. What measures will be taken to reduce the volume of surface water run-off and/or treat it to reduce pollutants (sediment, oil, gas, etc.)?

The volume of surface runoff with proposed expansion will be the same as with existing conditions.

4. Will there be encroachment into the regional (100 year) floodplain by new fill or structures? x NO ___ YES

   If yes, does it conform to the local floodplain ordinance? ___ NO ___ YES

5. What is the approximate minimum depth to groundwater on the site? (After completion of currently permitted site) 25 feet

E. WATER QUALITY

1. Will there be a discharge of process or cooling water, sanitary sewage or other waste waters to any water body or to groundwater? ___ NO ___ YES
   If yes, specify the volume, the concentration of pollutants and the water body receiving the effluent.
   (See Technical Report, Appendix C, "Impact of Seepage," July, 1978)

2. If discharge of waste water to the municipal treatment system is planned, identify any toxic, corrosive or unusual pollutants in the wastewater.

   N/A

3. Will any sludges be generated by the proposed project? x NO ___ YES
   If yes, specify the expected volume, chemical composition and method of disposal.

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4. What measures will be used to minimize the volumes or impacts identified in questions 1-3?

(See Technical Report)

5. If the project is or includes a landfill, attach information on soil profile, depth to water table, and proposed depth of disposal.

(See Technical Report)

F. AIR QUALITY AND NOISE

1. Will the activity cause the emission of any gases and/or particulates into the atmosphere? _____NO __x__YES
If yes, specify the type and origin of these emissions, indicate any emission control devices or measures to be used, and specify the approximate amounts for each emission (at the source) both with and without the emission control measures or devices.

The landfill will generate methane gas for a number of years after solid waste material has been placed in the landfill. This gas has not caused, for the existing landfill, and will not cause, for the proposed expansion, any significant nuisance or hazardous conditions.

2. Will noise or vibration be generated by construction and/or operation of the project? _____NO __x__YES
If yes, describe the noise source(s); specify decibel levels [dB(A)], and duration (hrs/da) for each and any mitigative measures to reduce the noise/vibration.

The noise generated on the landfill at all times is less than the noise levels generated on adjacent roadway, Interstate Highwat 35W.

3. If yes on 1 or 2, specify whether any areas sensitive to noise or reduced air quality-(hospitals, elderly housing, wilderness, wildlife areas, residential developments, etc.) are in the affected area and give distance from source.

There are no areas sensitive to noise in the area affected by the proposed landfill expansion.

G. LAND RESOURCE CONSERVATION, ENERGY

1. Is any of the site suitable for agricultural or forestry production or currently in such use? __x__NO _____YES
If yes, specify the acreage involved, type and volume of marketable crop or wood produced and the quality of the land for such use.

2. Are there any known mineral or peat deposits on the site? __x__NO _____YES
If yes, specify the type of deposit and the acreage.

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3. Will the project result in an increased energy demand? x NO ____ YES
Complete the following as applicable:

a. Energy requirements (oil, electricity, gas, coal, solar, etc.)

Type	Estimated Annual Requirement	Peak Demand (Hourly or Daily) Summer	Peak Demand (Hourly or Daily) Winter	Anticipated Supplier	Firm Contract or Interruptible Basis?
Diesel fuel	70,000 Gal.	200 Gal/day	200 gal/day	InterCity Oil Edina Oil Co.	No Contract

b. Estimate the capacity of all proposed on-site fuel storage.

30,000 gallons

c. Estimate annual energy distribution for:

space heating _____% lighting _____%

air conditioning _____% processing 100 %

ventilation _____%

d. Specify any major energy conservation systems and/or equipment incorporated into this project.

None

e. What secondary energy use effects may result from this project (e.g. more or longer car trips, induced housing or businesses, etc)?

None

H. OPEN SPACE/RECREATION

1. Are there any designated federal, state, county or local recreation or open space areas near the site (including wild and scenic rivers, trails, lake accesses)? ____ NO x YES
If yes, list areas by name and explain how each may be affected by the project. Indicate any measures to be used to reduce adverse impacts.

Wildwood Park
Federal Wildlife Refuge

The operation of the existing or proposed landfill has no significant adverse impact on these recreat areas.

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H. TRANSPORTATION

1. Will the project affect any existing or proposed transportation systems (highway, railroad, water, airport, etc)? _x_ NO ___ YES
   If yes, specify which part(s) of the system(s) will be affected. For these, specify existing use and capacities, average traffic speed and percentage of truck traffic (if highway); and indicate how they will be affected by the project (e.g. congestion, percentage of truck traffic, safety, increased traffic (ADT), access requirements).

2. Is mass transit available to the site? _x_ NO ___ YES

3. What measures, including transit and paratransit services, are planned to reduce adverse impacts?

   N/A

J. PLANNING, LAND USE, COMMUNITY SERVICES

1. Is the project consistent with local and/or regional comprehensive plans? ___ NO _x_ YES
   If not, explain:

   If a zoning change or special use permit is necessary, indicate existing zoning and change requested.

   N/A

2. Will the type or height of the project conflict with the character of the existing neighborhood? _x_ NO ___ YES
   If yes, explain and describe any measures to be used to reduce conflicts.

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3. How many employees will move into the area to be near the project? None
How much new housing will be needed? None

4. Will the project induce development nearby—either support services or similar developments? N/A
If yes, explain type of development and specify any other counties and municipalities affected.

5. Is there sufficient capacity in the following public services to handle the project and any associated growth? N/A

Public Service	Amount required for project	Sufficient capacity?
water	none gal/da	
wastewater treatment	none gal/da	
sewer	none feet	
schools	none pupils	
solid waste disposal	none ton/mo	
streets	none miles	
other (police, fire, etc)	fire	existing capacity is sufficient.

If current major public facilities are not adequate, do existing local plans call for expansion, or is expansion necessary strictly for this one project and its associated impacts?

6. Is the project within a proposed or designated Critical Area or part of a Related Actions EIS or other environmentally sensitive plan or program reviewed by the EQC? x NO ____ YES
If yes, specify which area or plan.

7. Will the project involve the use, transportation, storage, release or disposal of potentially hazardous or toxic liquids, solids on gaseous substances such as pesticides, radioactive wastes, poisions, etc? x NO ____ YES
If yes, please specify the substance and rate of usage and any measures to be taken to minimize adverse environmental impacts from accidents.

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8. When the project has served its useful life, will retirement of the facility require special measures or plans? ____NO x ____YES
If yes, specify:

The legal description showing the boundaries and nature of the fill material will be filed with the Dakota County Register of Deeds.

K. HISTORIC RESOURCES

1. Are there any structures on the site older than 50 years or on federal or state historical registers? x NO ____YES

2. Have any arrowheads, pottery or other evidence of prehistoric or early settlement been found on the site? x NO ____YES
Might any known archaeologic or paleontological sites be affected by the activity? x NO ____YES

3. List any site or structure identified in 1 and 2 and explain any impact on them.

L. OTHER ENVIRONMENTAL CONCERNS
Describe any other major environmental effects which may not have been identified in the previous sections. (see Technical Report)

III. OTHER MITIGATIVE MEASURES
Briefly describe mitigative measures proposed to reduce or eliminate potential adverse impacts that have not been described before.

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V. FINDINGS

The project is a private (___) governmental (___) action. The Responsible Agency (Person), after consideration of the information in this EAW, and the factors in Minn. Reg. MEQC 25, makes the following findings.

1. The project is (___) is not (___) a major action.
   State reasons:

2. The project does (___) does not (___) have the potential for significant environmental effects.
   State reasons:

3. (For private actions only.) The project is (___) is not (___) of more than local significance.
   State Reasons:

IV. CONCLUSIONS AND CERTIFICATION

NOTE: A Negative Declaration or EIS Preparation Notice is not officially filed until the date of publication of the notice in the EQC Monitor section of the Minnesota State Register. Submittal of the EAW to the EQC constitutes a request for publication of notice in the EQC Monitor.

A. I, the undersigned, am either the authorized representative of the Responsible Agency or the Responsible Person identified below. Based on the above findings, the Responsible Agency (Person) makes the following conclusions. (Complete either 1 or 2).

1. ____ NEGATIVE DECLARATION NOTICE
   No EIS is needed on this project, because the project is not a major action and/or does not have the potential for significant environmental effects and/or, for private actions only, the project is not of more than local significance.

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2. ____ EIS PREPARATION NOTICE
An EIS will be prepared on this project because the project is a major action and has the potential for significant environmental effects. For private actions, the project is also of more than local significance.

a. The MEQC Rules provide that physical construction or operation of the project must stop when an EIS is required. In special circumstances, the MEQC can specifically authorize limited construction to begin or continue. If you feel there are special circumstances in this project, specify the extent of progress recommended and the reasons.

b. Date Draft EIS will be submitted: _____
(month) (day) (year)

(MEQC Rules require that the Draft EIS be submitted within 120 days of publication of the EIS Preparation Notice in the EQC Monitor. If special circumstances prevent compliance with this time limit, a written request for extension explaining the reasons for the request must be submitted to the EQC Chairman.)

c. The Draft EIS will be prepared by (list Responsible Agency(s) or Person(s)):

_____

_____ Signature

_____ Title

_____ Date

B. Attach an affidavit certifying the date that copies of this EAW were mailed to all points on the official EQC distribution list, to the city and county directly impacted, and to adjacent counties or municipalities likely to be directly impacted by the proposed action (refer to question III.J.4 on page 9 of the EAW). The affidavit need be attached only to the copy of the EAW which is sent to the EQC.

C. Billing procedures for EQC Monitor Publication

State agency ONLY: Attach to the EAW sent to the EQC a completed OSR 100 form (State Register General Order Form--available at Central Stores). For instructions, please contact your Agency's Liaison Officer to the State Register or the Office of the State Register--(612) 296-8239.

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Technical Report

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