



Hydrogeologic Evaluation Form for Demolition Landfills

Waste/Solid Waste/#5.05/March 2006

To get a permit for a new demolition landfill or to renew a permit for an existing demolition landfill, submit the permit application along with this *Hydrogeologic Evaluation Form* to:

Beckie Olson
Minnesota Pollution Control Agency, Industrial Division
520 Lafayette Road N., St. Paul, MN 55155-4194

For questions about this form or the hydrogeologic requirements for permitting demolition landfills contact the Minnesota Pollution Control Agency (MPCA) at 651/296-6300, or MPCA staff assigned to your (existing) facility.

Facility name and mailing address:		Contact person, phone number:
Solid Waste permit number (for existing facilities):		Date this form prepared:
Form prepared by:		
I. Site Information		
Legal description of site: County: _____ Township: _____ N Annual waste acceptance rate: _____ Section: _____ Range: _____ W <input type="checkbox"/> cu yds <input type="checkbox"/> tons		
Current, projected size of the footprint (acres): _____		Projected ultimate capacity: _____ <input type="checkbox"/> cu yds <input type="checkbox"/> tons
Landfill class	1. Does the facility have an MPCA-approved Industrial Solid Waste Management Plan (ISWMP) <input type="checkbox"/> Yes <input type="checkbox"/> No	MPCA Use Only
	2. Please list any wastes accepted by the facility that are not on the Acceptable C&D Waste list on page 5 of the <u>Demolition Landfill Guidance</u> document dated August 2005 (see http://www.pca.state.mn.us/publications/w-sw5-04.pdf) : _____	
	3. Additional comments:	
II. Preliminary Site Evaluation Information		
Location standards	<ul style="list-style-type: none"> • Within a 100-year floodplain? <input type="checkbox"/> Yes <input type="checkbox"/> No • Karst features present? <input type="checkbox"/> Yes <input type="checkbox"/> No • Wetland delineation undertaken? <input type="checkbox"/> Yes <input type="checkbox"/> No • Within a wetland? <input type="checkbox"/> Yes <input type="checkbox"/> No • Within 1,000 feet of a lake or 300 feet from a river? <input type="checkbox"/> Yes <input type="checkbox"/> No • In proximity to a Wild and Scenic River? <input type="checkbox"/> Yes <input type="checkbox"/> No 	MPCA Use Only



II. Preliminary Site Evaluation Information *continued*

Soil borings	Number of borings or test pits: _____	
Soils, geology	Description of soils, geology (attach more information as needed):	
Seasonal high water table	<ul style="list-style-type: none"> • Method used to determine seasonal high water table (SHWT). (<i>Recommended method: Field notation of where gray mottles, gray matrix colors or redoximorphic additions, e.g. a distinct red, begin. For further reference see discussion in M.R. 7080 on SHWT</i>): _____ • Depth below grade to SHWT: _____ • Proposed separation distance in feet from base of fill to SHWT: _____ • Comments: 	
Ground-water flow	<ul style="list-style-type: none"> • Method used to determine ground-water flow direction: _____ • Ground-water flow direction: _____ 	
Proximity to water supply wells, other receptors	<ul style="list-style-type: none"> • Water supply wells within one mile of facility? <input type="checkbox"/> Yes <input type="checkbox"/> No • Depth and stratigraphy of wells within one mile of facility (<i>discuss, and attach logs to form</i>): _____ • Discuss receptor vulnerability (<i>wells, surface water, etc.</i>): _____ 	
Ground-water monitoring	<ul style="list-style-type: none"> • Ground-water monitoring already being conducted at your facility? <input type="checkbox"/> Yes <input type="checkbox"/> No • If yes, describe monitoring system: _____ • Describe proposed ground-water monitoring at this facility: _____ 	
Liner	<ul style="list-style-type: none"> • Computer modeling undertaken? <input type="checkbox"/> Yes <input type="checkbox"/> No • If modeling undertaken, include modeling results, discussion: 	MPCA Use Only
Map(s)	<ul style="list-style-type: none"> • Map(s) attached showing site, test pit, borings, receptors, other site features? <input type="checkbox"/> Yes <input type="checkbox"/> No 	
Additional comments		

III. Summary & Conclusions

Blank space for Summary & Conclusions

IV. Recommendations

Blank space for Recommendations