

Solid Waste Facility Permit

SW-315

Facility name: Hubbard Co Northern Transfer/Demo
41304 US Highway 71
Laporte, MN 56461
Hubbard County

Issuance date: August 26, 2020

Modification date: TBD

Expiration date: August 26, 2030

In accordance with Minn. Stat. chs. 115, 115A, and 116, and Minn. R. chs. 7000, 7001, and 7035, the Minnesota Pollution Control Agency (MPCA) hereby issues this permit and authorizes the Permittee listed on the following page to construct and operate the facility under the conditions set forth in this permit.

The determination to issue this permit is discretionary with the MPCA and was made subsequent to MPCA staff review of the permit application. The term commissioner, as used in this permit, refers to the MPCA Commissioner or MPCA personnel who have been delegated explicit authority by the commissioner. Other terms used in this permit are defined in Minnesota Statutes, the MPCA Solid Waste Management Rules, or specifically defined in this permit.

This permit is effective on the issuance date identified above, and supersedes the previous permit that was issued for this facility. This permit expires at midnight on the expiration date identified above.

Signature:

(Type e-Signature)

for the Minnesota Pollution Control Agency

This document has been electronically signed.

Elizabeth Gawrys
Supervisor
Solid Waste Permitting Unit 1
Resource Management & Assistance Division

Table of Contents

	Page
1. List of Permittees	3
2. Permitted facility description.....	4
3. Permit requirements.....	5
4. Waste Activities.....	19
5. Submittal/Action requirements	20
6. Monitoring stations.....	21
7. Monitoring groups	21
8. Sampling and monitoring requirements.....	21

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1. List of Permittees

The following Permittee(s) are authorized to construct and operate the Hubbard Co Northern Transfer/Demo, SW-315, under the conditions set forth in this permit.

Permittee activity owner:

Hubbard County
812 Henrietta Ave S
Park Rapids, MN 56470-2846

Permittee landowner:

Hubbard County
812 Henrietta Ave S
Park Rapids, MN 56470-2846

Permittee operator:

Hubbard County
812 Henrietta Ave S
Park Rapids, MN 56470-2846

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2. Permitted facility description

The Hubbard Co Northern Transfer/Demo (Facility) is located at:
41304 US Highway 71
Laporte, MN 56461
Hubbard County

On October 27, 1987, the Minnesota Pollution Control Agency (MPCA) issued permit SW-315 to Hubbard County for the construction and operation of a mixed municipal solid waste (MSW) transfer station. The transfer station is housed in a 2800 square foot building and manages up to 40 tons per day of waste. In addition, the MPCA issued permit SW-324 on July 19, 1988, for the construction and operation of the demolition debris land disposal facility. The demolition landfill would consist of developing four (4) cells (Cells 1A through 4A). On July 2, 1993, the MPCA combined these two permits, and modified and reissued permit SW-315, to allow for the continued operation of the transfer station and the expansion of the demolition debris land disposal facility. Permit SW-324 was then revoked. However, the 1993 permit only authorized the placement of up to 33,332 cubic yards of material associated with the development of Cells 1 through 4. On July 9, 1998, the MPCA again modified and reissued permit SW-315 for continued operation of the transfer station and demolition landfill. The permitted demolition landfill capacity was increased to 150,000 cubic yards and the phase development was expanded to include Cells 5 through 13. On September 17, 2003, the permit was reissued and further modified to allow a horizontal expansion to construct Cell 5A in addition to the continued development of Cells 5 through 13. This expansion resulted in an ultimate capacity of 173,400 cubic yards.

The facility accepts scrap metal, appliances and waste tires for temporary storage prior to recycling. These waste activities are designated as RE 001, RE 002, and RE 003 in the waste capacity table of this permit. The requirements for these activities are in section RE 00# of this permit.

The facility accepts and composts brush and yard waste, designated as YC 001 under this permit. The facility also stores waste tires, designated as TS 001 in this permit. Storage of concrete prior to beneficial use is designated as ST 001 in this permit.

In March 2025, the facility requested a major modification to modify the final cover grades to effectively rearrange where the permitted capacity will be used. Cell 5A was not developed and no waste has been placed in that area. This modification reallocates disposal capacity from Cell 5A to areas within Cells 8 through 13. The permitted capacity was increased to 173,400 cubic yards. The final cover will consume approximately 21,000 cubic yards, leaving about 20,000 cubic yards available for demolition debris disposal. At current filling rates, this will be consumed near the permit expiration date.

This modification also approves storage of asphalt shingles (ST 002) and clean wood (ST 003) prior to beneficial use. The facility is also approved to process/shred/grind/crush wood and brush (PR 001), asphalt shingles (PR 002), and concrete (PR 003) on site in preparation for beneficial use or composting.

In addition, this modification approves a lateral expansion of the waste footprint on the west side of Cells 10 -13 or 0.16 acres along with a variance to Minn. R. 7035.2825, subp. 8(E). The variance allows a final slope of 4:1 (25 percent) which exceeds the rule maximum of 20. A slope stability analysis was completed and this variance is consistent with similar variances approved at other demolition debris disposal facilities.

The Monitoring Groups for this permit have been consolidated. The standard parameters in the permit are updated to reflect the current standard list which includes updated general chemistry parameters and 1,4 Dioxane. Following the solid waste permitting unit policy to add PFAS sampling and analysis to wells downgradient of unlined areas and associated upgradient wells, PFAS sampling and analysis has been added to this permit.

3. Permit requirements

SW-315	Hubbard Co Northern Transfer/Demo
3.1.1	General.
3.1.2	"ACM" means Asbestos Containing Material. [Minn. Stat. 116.326, 71]
3.1.3	"Airspace" means the volume for filling with waste, considering all solid waste, daily, intermediate, intermittent and final cover materials, and design restrictions. [Minn. R. 7001.0150, subp. 2]
3.1.4	"Class I Demolition Landfill" means an unlined demolition landfill that can only accept "Acceptable C & D Wastes," requires stringent screening of the waste that enters the facility, and may require a groundwater monitoring system based upon facility location, soil types and proximity to human and environmental receptors. A liner is not required at this facility. [Minn. R. 7001.0150, subp. 2]
3.1.5	"Commissioner" means the Commissioner of the Minnesota Pollution Control Agency (MPCA), or any individual who is authorized to review and approve submittals on behalf of the Commissioner. [Minn. R. 4410.0300, subp. 16]
3.1.6	"Design Capacity" means the maximum estimated potential airspace to be occupied by a land disposal facility, including all cover systems. "Design capacity" is used only for planning purposes and is distinct from permitted capacity. "Design capacity" is an estimate dependent on the existing landholdings of the Permittee, existing regulations that affect development and design (including required buffer areas, stormwater management requirements, and slopes), engineering designs, and site developmental plans. It includes all areas that have been completed, all active areas, and all proposed areas based on the largest design footprint shown on the plan sheets. It is the volume that, upon final closure of the facility, would be occupied by waste (along with all associated materials including cover) measured from the base of the fill to the top of the proposed final cover. [Minn. R. 7035.0300, subp. 32]
3.1.7	"Facility" has the meaning given in Minn. R. 7035.0300, subp. 37. [Minn. R. 7035.0330, subp. 37]
3.1.8	"Permitted Capacity" means the total amount or acceptance rate allowed for storage, composting, processing, transfer or disposal at the facility as found in the Waste Capacity Table of this Permit. For land disposal facilities, "permitted capacity" as stated in the Waste Capacity Table includes the volume already filled by previous disposal activities, and airspace volume authorized to be used during the ten-year term of the current permit, including cover systems. [Minn. R. 7001.0150, subp. 2]
3.1.9	"Permittee" means the landowner, facility owner(s), and facility operator(s). [Minn. R. 7001.3060]
3.1.10	"Waste Activity" means the storage, processing, transfer, utilization, treatment, or disposal of solid waste and waste by-products. [Minn. R. 7001.0150, subp. 2]
3.1.11	"Waste Activity Area" means the land, structures, monitoring devices, and other appurtenances and improvements on the land associated with a waste activity. [Minn. R. 7001.0150, subp. 2]
3.1.12	The facility waste activities authorized by this permit are limited to those activities described in the Waste Capacity Table of this permit. [Minn. R. 7001.0150, subp. 2]
3.1.13	The Permittee shall keep the status of the permit current and up-to-date. [Minn. R. 7001.0150, subp. 2]
3.1.14	The Permittee shall perform the actions or conduct the activity authorized by the permit in accordance with the plans and specifications approved by the Agency, in accordance with all state and federal statutes, rules and regulations, and in compliance with the conditions of the permit. [Minn. R. 7001.0150, subp. 2]
3.1.15	The Facility authorized by this permit is located on 80 acres in Section 28, T 144 N, R 33 W, Guthrie Township, Hubbard County, Minnesota. The facility address is: 41304 US Highway 71 Laporte, Minnesota 56461. [Minn. R. 7001.0150, subp. 2]
3.1.16	The Permittee shall notify the MPCA before transferring ownership or operation of a solid waste management facility during its operating life or during postclosure care period in accordance with Minn. R. 7035.2535, subp. 2. [Minn. R. 7035.2535, subp. 2]
3.1.17	Permit Documents.
3.1.18	The approved plans and engineering documents are incorporated into this permit. In addition, once approved by the Commissioner, the Permittee shall comply with all submittals that are submitted in accordance with the terms of this permit. In all cases where the permit and the plans or submittals differ, the requirements of the permit shall

	govern over a condition in the plan or submittal. The approval by the Commissioner of the plans and specifications shall not release the Permittee from any present or subsequent requirements of statutes, rules, regulations, or ordinances. [Minn. R. 7001.0150, subp. 3(E), Minn. R. 7035.2610]
3.1.19	<p>The permit application approved by this permit is signed and dated June 9, 2014.</p> <p>A minor modification application dated March 19, 2025. This then became a major modification application dated January 22, 2026. [Minn. R. 7001.0010]</p>
3.1.20	<p>The engineering documents approved by this permit include, but are not limited to:</p> <ol style="list-style-type: none">1. Engineering Report, dated July 24, 2014, revisions dated March 19, 20252. Operations and Maintenance Manual, dated July 24, 2014, updated March 20253. Contingency Action Plan, dated July 24, 20144. Closure/Postclosure Plan, dated July 24, 20145. Cost Estimates, dated July 24, 2014, updated March 20256. Financial Assurance Plan, dated July 24, 20147. Industrial Solid Waste Management Plan, dated July 24, 20148. Technical Specifications, dated July 24, 20149. Construction Quality Assurance/Quality Control Plan, dated July 24, 201410. Engineering Plans/Drawings, dated July 24, 2014, revisions dated January 202611. Variance Request Memo, dated November 11, 2024 (submitted March 2025)12. Final Cover Thickness Verification, dated July 14, 2022. <p>[Minn. R. 7001.0150, subp. 3(H)]</p>
3.1.21	<p>The hydrogeologic evaluation documents approved by this permit include, but are not limited to:</p> <ol style="list-style-type: none">1. Hydrogeologic Evaluation Report dated February 20092. Compliance Boundary sent as an E-mail attachment in an E-mail dated June 4, 20093. Letter from Liesch to Neal Wilson, MPCA regarding Groundwater Quality, dated September 24, 20154. Letter from Terracon to Neal Wilson, MPCA regarding Groundwater Flow Direction, dated June 1, 20165. Well Construction Documentation Report dated January 20186. Letter from Laura Pugh, MPCA to Wenck approving sampling MW-3B once per year with water levels measured twice per year, dated March 23, 20207. Annual groundwater monitoring reports through 2025. <p>[Minn. R. 7001.0150, Subp. 3(H), Minn. R. 7001.3275]</p>
3.1.22	<p>Any revised plans shall be submitted for approval by the Commissioner. The Permittee shall obtain approval from the Commissioner on all revised engineering plans prior to construction of the affected portion of the facility. [Minn. R. 7001.0150, subp. 3(M), Minn. R. 7035.2610]</p>
3.1.23	Design And Construction Criteria.
3.1.24	<p>The Permittee may not locate, establish, or construct a solid waste management facility in areas designated in Minn. R. 7035.2555. [Minn. R. 7035.2555]</p>
3.1.25	<p>The Permittee shall locate, design, and construct the facility to prevent pollution of groundwater and surface water, minimize the contamination of soils from solid waste, and maintain the facility in conformance with MPCA air pollution control rules in accordance with Minn. R. 7035.2565. The Permittee shall design any proposed future expansions of the facility in accordance with this rule. [Minn. R. 7035.2565]</p>
3.1.26	<p>The Permittee shall construct the waste activity area where solid waste is stored in accordance with Minn. R. 7035.2855 except as provided in, subp. 1 and Minn. R. 7035.2525, subp. 2. [Minn. R. 7035.2855]</p>
3.1.27	<p>The Permittee shall construct the stormwater management system for the facility with Best Management Practices to manage stormwater discharge in accordance with the National Pollutant Discharge Elimination System/State Disposal System (NPDES/SDS) Permit for the discharge of stormwater associated with an industrial activity and/or a construction activity. The issuance of this permit does not release the Permittee from the obligation to obtain an NPDES/SDS permit. [Minn. R. 7001.1090]</p>

3.1.28	The Permittee shall submit a construction plan to the Commissioner for approval prior to construction if the construction plan proposes any major revisions to the approved design. [Minn. R. 7001.0150, subp. H, Minn. R. 7035.2610]
3.1.29	The Permittee shall notify appropriate MPCA staff at least ten (10) working days in advance of the construction of the facility or any component thereof unless the Commissioner orders otherwise. [Minn. R. 7001.0150, subp. M]
3.1.30	The Permittee shall submit a construction certification for approval by the Commissioner in accordance with Minn. R. 7035.2610. A facility waste activity or any new design feature shall not be placed into operation until the construction certification has been approved by the Commissioner. [Minn. R. 7035.2610]
3.1.31	The Permittee shall not make any major alterations or additions to the facility that would materially alter the manner in which waste is managed without first obtaining the written consent of the Commissioner. [Minn. R. 7001.0150, subp. M]
3.1.32	Operation And Maintenance Criteria.
3.1.33	The Permittee shall ensure that the required number of operators, trained or certified under Minn. R. 7035.2545 and Minn. R. 7048.0100 to 7048.1300, are present and on duty at all times that the facility is open for the purpose of receiving waste. [Minn. R. 7035.2545, Minn. R. 7048.0100-1300]
3.1.34	The Permittee shall prevent unauthorized entry onto the facility in accordance with Minn. R. 7035.2535, subp. 3. In addition, the Permittee shall post a sign at the entrance of the facility and each waste activity area showing the facility name, MPCA permit number, hours of operation, the acceptable waste, and any other relevant information. [Minn. R. 7035.2535, subp. 3]
3.1.35	The Permittee shall establish and maintain a personnel training program consisting of classroom instruction and on-the-job training. The program shall address the requirements identified in Minn. R. 7035.2545, subp. 3, and shall include the specific training necessary to perform the tasks associated with each solid waste management area within the facility. The Permittee shall maintain a record of all personnel training and submit the dates of training in the annual report. [Minn. R. 7035.2545, subp. 3]
3.1.36	The Permittee shall prepare and maintain an operations and maintenance manual for the facility. The manual shall include operations and maintenance criteria that are specific to each solid waste management area within the facility. [Minn. R. 7001.3300, subp. P]
3.1.37	The Permittee shall construct and maintain all-weather approach and access roads to all waste activity areas within the facility. [Minn. R. 7001.0150, subp. 3(E)]
3.1.38	Storage Of Solid Waste.
3.1.39	The Permittee shall provide satisfactory storage for all solid waste accumulated at the facility in accordance with Minn. R. 7035.0700 and Minn. R. 7035.2855. [Minn. R. 7035.0700, Minn. R. 7035.2855]
3.1.40	The Permittee shall keep the facility grounds and immediately adjacent property free of litter stemming from the facility operations. The facility grounds and adjacent property shall be inspected and cleared of all litter at least once per week. [Minn. R. 7001.0150, subp. 3(O)]
3.1.41	The Permittee shall manage the facility to be in compliance with Minn. R. 7011.0150 to prevent particulate matter from becoming airborne. [Minn. R. 7011.0150]
3.1.42	The Permittee shall manage all free liquids that have come in contact with solid waste so that the liquids are not discharged as stormwater. [Minn. R. 7001.0150, subp. 2, Minn. R. 7035.2565, subp. 1]
3.1.43	The Permittee shall provide effective measures to control flies, rodents and other insects or vermin as necessary. [Minn. R. 7001.0150, subp. 2]
3.1.44	The Permittee shall provide for the proper collection and transportation of solid waste in accordance with Minn. R. 7035.0800. [Minn. R. 7035.0800]
3.1.45	The Permittee shall not accept the wastes identified in Minn. R. 7035.2535, subp. 1 for treatment, storage, processing, or disposal. [Minn. R. 7035.2535, subp. 1]
3.1.46	The Permittee shall manage industrial solid waste for each waste activity as specified in the approved plan in accordance with Minn. R. 7035.2535, subp. 5. The Permittee shall include the information required by Minn. R. 7035.2575, subp. 2, items B and C in the annual report for each industrial waste accepted at the facility. [Minn. R. 7035.2535, subp. 5]

3.1.47	The Permittee shall manage household hazardous waste for each waste activity as specified in the approved plan in accordance with Minn. R. 7035.2535, subp. 6. [Minn. R. 7035.2535, subp. 6]
3.1.48	The Permittee shall operate and maintain the stormwater management system for the facility with Best Management Practices to manage stormwater discharges in accordance with the National Pollutant Discharge Elimination System/State Disposal System (NPDES/SDS) Permit for the discharge of stormwater associated with an industrial activity and/or a construction activity. [Minn. R. 7001.1090]
3.1.49	The Permittee shall operate and maintain the facility to prevent pollution of groundwater and surface water, minimize the contamination of soils from solid waste, and maintain the facility in conformance with MPCA air pollution control rules in accordance with Minn. R. 7035.2565. [Minn. R. 7035.2565]
3.1.50	The Permittee shall provide and maintain adequate emergency equipment at the facility to control accidental fires, and make arrangements with the local fire protection agency to immediately acquire their services when needed. The Permittee shall also provide adequate communications equipment for emergency purposes. [Minn. R. 7035.2595, subp. 2&4]
3.1.51	The Permittee shall keep a written operating record at the facility in accordance with Minn. R. 7035.2575. [Minn. R. 7035.2575, subp. 2]
3.1.52	The Permittee shall inspect the facility in accordance with the schedule and items approved by the Commissioner as defined by Minn. R. 7035.2535, subp. 4. The Permittee shall record inspections in an inspection log or summary and shall keep these records for at least five years. [Minn. R. 7035.2535, subp. 4]
3.1.53	The Permittee shall maintain a copy of the approved emergency procedures manual at the facility for facility personnel to use in time of emergency. [Minn. R. 7035.2595, subp. 5]
3.1.54	The Permittee shall maintain a copy of the approved contingency action plan at the facility. [Minn. R. 7035.2615]
3.1.55	The Permittee shall maintain a copy of the approved facility closure plan, and all revisions to the plan, at the facility until closure is completed and certified in accordance with Minn. R. 7035.2635, subp. 3. [Minn. R. 7035.2625, subp. 3]
3.1.56	The Permittee shall maintain a copy of the approved postclosure care plan, and all subsequent amendments, until the postclosure care period begins. During the postclosure care period, the plan shall be kept by the contact person identified in Minn. R. 7035.2645, subp. 2, item C. [Minn. R. 7035.2645, subp. 2]
3.1.57	Monitoring Criteria.
3.1.58	The Permittee shall design, construct, operate, and maintain the disposal area to achieve compliance with the analytical limits set forth in the Sampling and Monitoring Requirements of this permit. These limits are based upon the Minnesota Department of Health, Health Risk Limits (HRL), Health-Based Values (HBV), Risk Assessment Advice (RAA), and Maximum Contaminate Level (MCL) and replace the standards listed in Minn. R. 7035.2815, subp. 4, item F, as provided for in Minn. R. 7035.2815, subp. 4, item H. [Minn. R. 7001.0150, subp. 2, Minn. R. 7035.2815, subp. 4(F & H)]
3.1.59	The Permittee shall establish compliance boundaries as specified in the approved plans and specifications, and in accordance with Minn. R. 7035.2815, subp. 4, items A through E. [Minn. R. 7001.0150, subp. 2, Minn. R. 7035.2815, subp. 4(A-E)]
3.1.60	The Permittee shall determine the initial water quality in new monitoring points and monitoring systems, and perform background monitoring in accordance with Minn. R. 7035.2815, subp. 14, item E. [Minn. R. 7001.0150, subp. 2, Minn. R. 7035.2815, subp. 14(E)]
3.1.61	The Permittee shall develop and keep current a written monitoring protocol for the disposal area according to Minn. R. 7035.2815, subp. 14, item G and shall ensure the protocol is followed during sampling and sample analysis. [Minn. R. 7001.0150, subp. 2, Minn. R. 7035.2815, subp. 14(G)]
3.1.62	The Permittee shall conduct groundwater quality sampling and analysis as specified in the approved plans and specifications, and in accordance with Minn. R. 7035.2815 subp. 14, and shall include the monitoring stations identified in this Permit. The Permittee shall conduct the sampling according to the schedule shown in the Sampling and Monitoring Requirements of this Permit. [Minn. R. 7001.0150, subp. 2, Minn. R. 7035.2815, subp. 10]

3.1.63	<p>The listed parameters are field parameters to be measured and recorded during sample collection and submitted electronically as part of quarterly and annual water monitoring reports.</p> <p>Color (CAS: M002) Dissolved Oxygen (CAS: T-105) Eh (Oxidation potential) (CAS: 4) pH (CAS: C006) Specific Conductance (CAS: C-011) Static Water Level (Elevation, MSL) (CAS: PCA-001) Temperature (CAS: T-121) Turbidity (CAS: G019). [Minn. R. 7001.0150, Subp. 2, Minn. R. 7035.2815, Subp. 10]</p>
3.1.64	<p>The Permittee shall conduct groundwater quality sampling and analysis for per- and polyfluoroalkyl substances (PFAS) as specified in the approved plans and specifications, and in accordance with Minn. R. 7035.2815 subp. 14, and shall include the monitoring stations identified in this Permit. The sampling and analysis for PFAS will begin during the "Oct" sampling window in 2026. The Permittee shall conduct the sampling according to the schedule shown in the Sampling and Monitoring Requirements of this Permit. [Minn. R. 7001.0150, subp. 2, Minn. R. 7035.2815, subp. 10]</p>
3.1.65	<p>The sampling window for the Spring Quarter, denoted as "Apr" on the Sampling and Monitoring Requirement Table, is between March 14 and May 14 of each calendar year. [Minn. R. 7001.0150, subp. 2, Minn. R. 7035.2815, subp. 10]</p>
3.1.66	<p>The sampling window for the Autumn Quarter, denoted as "Oct" on the Sampling and Monitoring Requirement Table, is between October 1 and November 21 of each calendar year. [Minn. R. 7001.0150, subp. 2, Minn. R. 7035.2815, subp. 10]</p>
3.1.67	<p>The Permittee shall take the actions listed in Minn. R. 7035.2815, subp. 4, item G. if an intervention limit established in this permit is exceeded. [Minn. R. 7001.0150, subp. 2, Minn. R. 7035.2815, subp. 4(G)]</p>
3.1.68	<p>Reporting Criteria.</p>
3.1.69	<p>The Permittee shall submit an annual facility report for the preceding calendar year in accordance with Minn. R. 7035.2585 in a format prescribed by the MPCA. The annual facility report shall include waste types, volumes, management methods, and final destinations. When required of a waste activity, the report shall include summary evaluation reports and specific annual reporting requirements and monitoring results. The Permittee shall submit the report to the Commissioner according to the schedule in the Submittal/Action requirements section of this Permit. [Minn. R. 7035.2585]</p>
3.1.70	<p>The Permittee shall submit an electronic copy of all monitoring data including groundwater and field data for each monitoring event. Electronic data shall be submitted in the format specified by the MPCA. The schedule for submitting electronic monitoring data shall follow the schedule outlined in the Submittal/Action Requirements section of this permit. [Minn. R. 7001.0150]</p>
3.1.71	<p>The Permittee shall submit a complete copy of all monitoring results via emailed in PDF format to solidwastereports.pca@state.mn.us. The facility name and permit number must be in the subject line of the email. The monitoring results must be accompanied by information sufficient to establish the reliability, precision, and accuracy of the reported values, including but is not limited to the analytical report, chain of custody forms, filed notes, data analysis, and recommendation for monitoring adjustments. [Minn. R. 7001.0150]</p>
3.1.72	<p>The Permittee shall collect location and elevation data for all monitoring points. Location data shall be submitted in an approved coordinates system. Elevation data for monitoring wells shall include the elevation of the riser pipe and ground surface. The depth of wells from the riser pipe shall also be identified. If existing data is being reported the surveying method and datum used to collect this information shall be identified. [Minn. R. 7001.0150]</p>
3.1.73	<p>The Permittee shall submit an annual water monitoring summary and evaluation report in accordance with Minn. R. 7035.2585 and 7035.2815, subp. 14, item Q. The Permittee shall submit the report to the Commissioner, as part of the annual facility report, according to the schedule in this Permit. [Minn. R. 7001.0150, subp. 2, Minn. R. 7035.2815, subp. 14(Q)]</p>

3.1.74	Contingency Action Criteria.
3.1.75	The Permittee shall address all facility waste activities as specified in the approved plans and specifications, and in accordance with Minn. R. 7035.2615. [Minn. R. 7035.2615]
3.1.76	If a fire occurs in the waste deposit area, the Permittee shall immediately implement its contingency action plan to extinguish the fire. [Minn. R. 7001.0150, subp. 3(E)]
3.1.77	Within 24 hours of discovery of the fire, the Permittee shall provide notice to the MPCA that a fire has occurred and that the contingency action plan has been implemented. If the Permittee has not extinguished the fire within two weeks of notice, the Permittee shall again notify the MPCA and shall provide the name of the professional engineer that their Permittee has hire to develop a revised plan for further firefighting efforts. The Permittee shall submit the revised plan to the MPCA for review and approval within 15 days of the notice to the MPCA that a revised plan is being prepared. To be approved, their revised plan shall identify the action that will be taken to extinguish that fire, including sources for materials and equipment and a timeline for implementation, and shall be signed by a registered professional engineer. The Permittee shall implement the revised plan upon approval by the MPCA. [Minn. R. 7001.0150, subp. 3(E)]
3.1.78	The Permittee shall implement the actions necessary to comply with the contingency action requirements in accordance with Minn. R. 7035.2615. [Minn. R. 7035.2615, subp. 2]
3.1.79	The Permittee shall maintain and operate the facility to minimize the possibility of a fire, explosion, or any release to air, land, or water of pollutants that threaten human health or the environment in accordance with Minn. R. 7035.2595. [Minn. R. 7035.2595, subp. 1]
3.1.80	The Permittee shall take all reasonable containment measures during an emergency and submit a written report to the Commissioner in accordance with Minn. R. 7035.2605. [Minn. R. 7035.2605, subp. 1]
3.1.81	Closure Criteria.
3.1.82	The Permittee shall close each waste activity, or the entire facility as appropriate, as specified in the approved plans and specifications, and in accordance with Minn. R. 7035.2625. [Minn. R. 7035.2625]
3.1.83	The Permittee shall perform closure for each waste activity as specified in the approved plans and specifications, and in accordance with Minn. R. 7035.2635. [Minn. R. 7035.2635]
3.1.84	The Permittee shall complete closure activities for the waste activity area in accordance with the closure plan within 180 days following the beginning of closure as specified in the closure procedures above. [Minn. R. 7001.0150, subp. 3(E)]
3.1.85	Postclosure Criteria.
3.1.86	The post-closure care period shall be a minimum of twenty years starting on the date the Commissioner approves the facility's final closure certification report. [Minn. Stat. 116.07, subd. 4h]
3.1.87	The Permittee shall comply with postclosure requirements as specified in the approved plans and specifications, and in accordance with Minn. R. 7035.2645. [Minn. R. 7035.2645]
3.1.88	The Permittee shall perform postclosure care for each waste activity as specified in the approved plans and specifications, and in accordance with Minn. R. 7035.2655, subp. 1. [Minn. R. 7035.2655, subp. 1]
3.1.89	The Permittee shall comply with postclosure use of property requirements in accordance with Minn. R. 7035.2655, subp. 2. [Minn. R. 7035.2655, subp. 2]
3.1.90	Prior to the end of the postclosure care period the Permittee must submit to the MPCA for review and approval a Post Closure Care Summary Report signed by a professional engineer licensed with the State of Minnesota. [Minn. R. 7035.2645]
3.1.91	Financial Criteria.
3.1.92	The Permittee shall keep the current cost estimates for contingency action, closure and postclosure care for each waste activity at the facility during the operating life in accordance with Minn. R. 7035.2685, subp. 2. [Minn. R. 7035.2685]
3.1.93	General Conditions.
3.1.94	The MPCA's issuance of a permit does not release the Permittee from any liability, penalty, or duty imposed by Minnesota or federal statutes, or regulations, or local ordinances including, but not limited to, those promulgated pursuant to Minn. Stat. chs. 115, 115A, 116, 400 and 473. This permit shall be permissive only and shall not be

	construed as estopping or limiting any claims against the Permittee, its agents, contractors, or assigns, nor as estopping or limiting any legal claims of the state against the Permittee, its agents, contractors, or assigns for damages to state property, or for any violation of the terms of this permit. [Minn. R. 7001.0150, subp. 3(A)]
3.1.95	The MPCA's issuance of a permit does not prevent the future adoption by the MPCA of pollution control rules, standards, or enforcement orders more stringent than those now in existence and does not prevent the enforcement of these rules, standards, or enforcement orders against the Permittee. [Minn. R. 7001.0150, subp. 3(B)]
3.1.96	The permit does not convey a property right or an exclusive privilege. [Minn. R. 7001.0150, subp. 3(C)]
3.1.97	The MPCA's issuance of a permit does not obligate the MPCA to enforce local laws, rules or plans beyond that authorized by Minnesota Statutes. [Minn. R. 7001.0150, subp. 3(D)]
3.1.98	The Permittee shall perform the actions or conduct the activity authorized by the permit in accordance with the submittals and specifications approved by the MPCA and in compliance with the conditions of the permit. [Minn. R. 7001.0150, subp. 3(E)]
3.1.99	The Permittee shall at all times properly operate and maintain the facilities and systems of treatment and control and the appurtenances related to them which are installed or used by the Permittee to achieve compliance with the conditions of the permit. Proper operation and maintenance includes effective performance, adequate funding, adequate operator staffing and training, and adequate laboratory and process controls, including appropriate quality assurance procedures. The Permittee shall install and maintain appropriate backup or auxiliary facilities if they are necessary to achieve compliance with the conditions of the permit and, for all permits other than hazardous waste facility permits, if these backup or auxiliary facilities are technically and economically feasible. [Minn. R. 7001.0150, subp. 3(F)]
3.1.100	The Permittee may not knowingly make a false or misleading statement, representation, or certification in a record, report, plan, or other document required to be submitted to the MPCA or the Commissioner by the permit. The Permittee shall immediately upon discovery report to the Commissioner an error or omission in these records, reports, submittals or other documents. [Minn. R. 7001.0150, subp. 3(G)]
3.1.101	The Permittee shall, when requested by the Commissioner, submit within a reasonable time the information and reports that are relevant to the control of pollution regarding the construction, modification, or operation of the facility covered by the permit or regarding the conduct of the activity covered by the permit. [Minn. R. 7001.0150, subp. 3(H)]
3.1.102	When authorized by Minn. Stat. 115.04, 115B.17, subd. 4 and 116.091, and upon presentation of proper credentials, the MPCA, or an authorized employee or agent of the MPCA, shall be allowed by the Permittee to enter at reasonable times upon the property of the Permittee to examine and copy books, papers, records, or memoranda pertaining to the construction, modification, or operation of the facility covered by the permit or pertaining to the activity covered by the permit; and to conduct surveys and investigations, including sampling or monitoring, pertaining to the construction, modification, or operation of the facility covered by the permit or pertaining to the activity covered by the permit. [Minn. R. 7001.0150, subp. 3(I)]
3.1.103	If the Permittee discovers, through any means, including notification by the MPCA, that noncompliance with a condition of the permit has occurred, the Permittee shall take all reasonable steps to minimize the adverse impacts on human health, public drinking water supplies, or the environment resulting from the noncompliance. [Minn. R. 7001.0150, subp. 3(J)]
3.1.104	If the Permittee discovers that noncompliance with a condition of the permit has occurred which could endanger human health, public drinking water supplies, or the environment, the Permittee shall, within 24 hours of the discovery of the noncompliance, orally notify the Commissioner. Within five (5) days of the discovery of the noncompliance, the Permittee shall submit to the Commissioner a written description of the noncompliance; the cause of the noncompliance; the exact dates of the period of the noncompliance; if the noncompliance has not been corrected, the anticipated time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent recurrence of the noncompliance. [Minn. R. 7001.0150, subp. 3(K)]
3.1.105	The Permittee shall report noncompliance with the permit not reported in the Notification of Noncompliance subheading above by submitting the information listed in Notification of Noncompliance within 30 days of the discovery of the noncompliance. [Minn. R. 7001.0150, subp. 3(L)]

3.1.106	The Permittee shall give advance notice to the Commissioner as soon as possible of planned physical alterations or additions to the permitted facility or activity that may result in noncompliance with a Minnesota or federal pollution control statute or rule or condition of the permit. [Minn. R. 7001.0150, subp. 3(M)]
3.1.107	The permit is not transferable to any person without the express written approval of the MPCA after compliance with the requirements of Minn. R. 7001.0190. A person to whom the permit has been transferred shall comply with the conditions of the permit. [Minn. R. 7001.0150, subp. 3 (N)]
3.1.108	The permit authorizes the Permittee to perform the activities described in the permit under the conditions of the permit. In issuing the permit, the state and MPCA assume no responsibility for damage to persons, property, or the environment caused by the activities of the Permittee in the conduct of its actions, including those activities authorized, directed, or undertaken under the permit. To the extent the state and MPCA may be liable for the activities of its employees, that liability is explicitly limited to that provided in the Tort Claims Act, Minn. Stat. 3.736. [Minn. R. 7001.0150, subp. 3(O)]
3.1.109	The Commissioner may commence proceedings to modify or revoke this permit during its terms if cause exists under Minn. R. 7001.0170 to 7001.0180. [Minn. R. 7001.0170-0180]
3.1.110	The provisions of this permit are severable. If any provision of this permit is held invalid, the remainder of this permit shall not be affected. [Minn. R. 7035.3200]
3.1.111	The Permittee may request an extension of the dates set forth in this permit including the submittal and monitoring dates. The request shall include justification for requesting the extension of the date. Based on the justification, the Commissioner may grant an extension. [Minn. R. 7001.0190, subp. 3(B)]
3.1.112	This permit is valid until the expiration date unless revoked or modified by the MPCA pursuant to Minn. R. 7001.0170 to 7001.0180. To allow for adequate MPCA review time and to avoid possible termination of the permit at the time the permit expires, an application for reissuance of the permit shall be submitted no later than 180 calendar days before the expiration date of the permit. [Minn. R. 7001.0150, subp. 1, Minn. R. 7001.3500, subp. 1]
3.1.113	The Permittee shall maintain records of all groundwater monitoring data and groundwater surface elevations for the active life of the facility and each waste activity and, for disposal activities, for the postclosure care period. The Permittee shall also maintain an operating record in accordance with Minn. R. 7035.2575 until closure of each waste activity at the facility. [Minn. R. 7001.3500, subp. 3(A)]
3.1.114	The Permittee may not start treatment, storage, or disposal of solid waste in a new solid waste management facility or in a modified portion of an existing solid waste management facility until the Commissioner has received a letter and as-built plans signed by the owner or operator and by an engineer registered in Minnesota certifying that the facility or modified portion of the facility has been constructed in compliance with the conditions of the permit. [Minn. R. 7001.3500, subp. 3(B)]
3.1.115	The Permittee may not start treatment, storage, or disposal of solid waste in a new solid waste management facility or in a modified portion of an existing solid waste management facility until the Commissioner has inspected the new facility or modified portion of the facility and has provided the owner or operator with a letter stating that the certification submitted is complete and approved. [Minn. R. 7001.3500, subp. 3(B (2))]
3.1.116	The Permittee may not start treatment, storage, or disposal of solid waste in a new solid waste management facility or in a modified portion of an existing solid waste management facility until the Commissioner has approved the financial assurance amount and instrument to be used for the facility in accordance with Minn. R. 7035.2665 to 7035.2805. At the time of permit reissuance, financial assurance was not required for this facility. [Minn. R. 7001.3500, subp. 3 (B (3))]
DD 001	Class 1 Demolition Landfill
3.2.1	Design And Construction Criteria.
3.2.2	The Permittee shall not locate any proposed future expansion of the facility disposal area in an area with active karst features including sinkholes, disappearing streams, and caves; or where the topography, geology, or soil is inadequate for protection of ground or surface water. [Minn. R. 7035.2825, subp. 7]
3.2.3	The Permittee shall construct the phases, cells and water monitoring system of the demolition landfill in accordance with the approved plans and specifications. [Minn. R. 7001.0150, subp. 3]
3.2.4	The Permittee shall design any proposed future expansions or modifications of the demolition debris disposal area

	in accordance with the design requirements outlined in Minn. R. 7035.2825, subp. 8. [Minn. R. 7035.2825, subp. 8]
3.2.5	The Permittee shall design any proposed future expansions of the facility to include, at a minimum, the cover system requirements found in Minn. R. 7035.2825, subp. 11. [Minn. R. 7035.2825, subp. 11]
3.2.6	The Permittee shall design and install a water monitoring system in compliance with Minn. R. 7035.2815, subp. 10. [Minn. R. 7035.2815, subp. 10]
3.2.7	Operation And Maintenance Criteria.
3.2.8	In accordance with the definitions identified in this permit, this landfill is a Class I Demolition Landfill. This landfill may only accept "Acceptable C & D Wastes" as listed below. [Minn. R. 7001.0150, subp. 3]
3.2.9	The Permittee shall accept only the wastes listed as "Acceptable C & D Wastes" for disposal. Acceptable C & D Wastes include: Bituminous concrete (includes asphalt pavement and blacktop); concrete (including rerod); stone; tree stumps; root balls; uncontaminated soil; masonry (bricks, stucco and plaster); untreated wood (including painted, stained and/or varnished dimensional lumber, pallets, particle board, plywood, fencing and dock materials); siding (includes vinyl, masonite, untreated wood, aluminum and steel); wall coverings; electrical wiring and components; roofing materials; duct work; wall board and sheetrock; built-in cabinetry; plumbing fixtures; affixed carpet and padding; ceramic items; conduit and pipe; glass (limited to window and door glass from buildings and structures); insulation (includes fiberglass, mineral wool, cellulose, polystyrene and newspaper); plastic building parts; sheathing; molded fiberglass; rubber; drain tile; recognizable portions of burned structures; metal; ceiling tile; wood and vinyl flooring; and asbestos containing materials (ACM) pursuant to an approved ISWMP. [Minn. R. 7001.0150, subp. 3]
3.2.10	The following non-acceptable or prohibited wastes are materials that are chemically or biologically active and which have a high potential to leach chemical constituents or to generate gas. These wastes include, but are not limited to the following: Adhesives (including applicators, containers, tubes); agricultural chemicals or containers; animal carcasses, parts or rendering and slaughterhouse wastes; appliances (including white goods and brown goods); ashes; wastes that could spontaneously combust or ignite other wastes due to high temperatures; batteries; caulking (including applicators, containers, tubes); recyclable cardboard; rolls of carpeting and padding; chemical containers; epoxy (including applicators, containers, tubes); fluorescent tubes and ballasts; food waste; glue (including applicators, containers, tubes); hazardous waste; high-intensity discharge lamps; household refuse or garbage; infectious waste; liquids (any type); machinery or engine parts; medical waste; mercury containing waste (thermostats, switches); paints, thinners, solvents, varnishes (including applicators, brushes, cans, containers, filters, dust collectors); lead based paint that is not adhered to the substrate; PCB containing waste; pesticide containers; petroleum products, containers or filters (including oil, grease, fuel); radioactive waste; resins - epoxy or fiberglass (including applicators, containers, tubes); sandblasting waste; sealants (including applicators, containers, tubes); septic tank pumpings; tar (including applicators, containers, tubes); tires; treated lumber (including decking, railroad ties, etc.); vehicles; and yard waste. This list is NOT all-inclusive. [Minn. R. 7001.0150, subp. 3]
3.2.11	The Permittee shall maintain a minimum separation distance of 50 feet between the property line and the area where waste has been placed within the landfill. [Minn. R. 7035.2825, subp. 9(H)]
3.2.12	The Permittee shall maintain a minimum separation distance of five feet between the base grade of each landfill cell, as identified in the approved plans, and the seasonal high water table. [Minn. R. 7001.0150, subp. 3]
3.2.13	The Permittee shall maintain a run-on control system to prevent flow onto the waste activity area, and a run-off control system to collect and control at least the water volume resulting from a 24-hour, ten-year storm. [Minn. R. 7035.2825, subp. 9(G)]
3.2.14	The Permittee shall develop the site in phases in accordance with the approved plans. Each phase shall provide for filling in a manner to achieve final waste elevations as rapidly as possible. The phases shall be designed and constructed to minimize moisture infiltration into the fill areas while maintaining stable slopes and appropriate operating conditions. The Permittee shall consider seasonal phases in order to accommodate the differences between wet and dry and warm and cold weather operations. The Permittee shall bring each phase to the final waste contours as shown on the approved phase development plans and close the phase according to the approved facility closure plan. [Minn. R. 7035.2825, subp. 8(B)]
3.2.15	The Permittee shall stake each fill phase of the landfill to establish the horizontal and vertical limits of the permitted area. [Minn. R. 7035.2825, subp. 9(E)]
3.2.16	The Permittee shall establish a Waste Screening Area (WSA) at the landfill, and shall separate the WSA from the

	active working face. The WSA shall be located within 50 feet of the active working face, and shall be delineated by physical barriers such as logs, chains or cones. [Minn. R. 7001.0150, subp. 3]
3.2.17	The Permittee shall pre-inspect each load before it enters the waste disposal area. Loads containing large quantities of unacceptable materials should be diverted to another waste facility authorized to accept those materials. Loads that are allowed to enter the waste disposal area shall be unloaded in the established WSA for the removal of unacceptable material prior to the placement of the waste in the working face for spreading and compaction. Unacceptable materials shall be stored appropriately and transferred to an appropriate disposal facility at least once per week. [Minn. R. 7001.0150, subp. 3]
3.2.18	The Permittee shall not place more waste in the WSA than can be managed in one working day. [Minn. R. 7001.0150, subp. 3]
3.2.19	The use of a WSA is not required if the Permittee knows that the waste in the load has been screened for unacceptable materials at the point of generation or transfer. Direct disposal into the working face of the landfill is at the risk of the Permittee. Unacceptable material found in the active working face will be considered to have been "accepted" by the facility. [Minn. R. 7001.0150, subp. 3]
3.2.20	The Permittee shall limit the disposal of wastes to as small an area as practical and shall utilize appropriate equipment to confine wind-blown material within the area. [Minn. R. 7001.0150, subp. 3]
3.2.21	The Permittee shall spread all wastes to allow for adequate compaction, and shall compact all wastes with a maximum three-to-one slope to reduce voids and airspaces within the landfill and to achieve maximum compaction. [Minn. R. 7035.2825, subp. 9(B)]
3.2.22	The Permittee shall completely cover all waste on a monthly basis at a minimum. [Minn. R. 7035.2825, subp. 9(A)]
3.2.23	The Permittee shall maintain suitable cover material at the site. If suitable cover is not available on-site, cover material shall be delivered to and stockpiled at the site. [Minn. R. 7035.2825, subp. 9(C)]
3.2.24	The Permittee shall maintain the final cover system on all closed portions of the active waste disposal area in accordance with the approved plans and specifications. [Minn. R. 7035.2655, subp. 1-2]
3.2.25	The Permittee shall maintain the integrity and functionality of the water monitoring network. The Permittee shall maintain a water monitoring system in compliance with Minn. R. 7035.2815, subp. 10. [Minn. R. 7035.2815, subp. 10]
3.2.26	Financial Criteria.
3.2.27	As outlined in Minn. R. 7035.2825, subp. 13, the Commissioner may require the Permittee to obtain financial assurance for the proper operation, closure, postclosure care, and corrective actions at the disposal area. [Minn. R. 7035.2825, subp. 13]
3.2.28	Asbestos Management.
3.2.29	"Asbestos-containing waste materials" means mill tailings or any waste that contains commercial asbestos and is generated by a source subject to the provisions of this subpart. This term includes filters from control devices, friable asbestos waste material, and bags or other similar packaging contaminated with commercial asbestos. As applied to demolition and renovation operations, this term also includes regulated asbestos-containing material waste and materials contaminated with asbestos including disposable equipment and clothing. [40 CFR 61]
3.2.30	"Category I nonfriable asbestos-containing material (ACM)" means asbestos-containing packings, gaskets, resilient floor covering, and asphalt roofing products containing more than one percent asbestos. [40 CFR 61]
3.2.31	"Category II nonfriable ACM" means any material, excluding Category I nonfriable ACM, containing more than one percent asbestos that, when dry, cannot be crumbled, pulverized, or reduced to powder by hand pressure. [40 CFR 61]
3.2.32	"Friable asbestos material" means any material containing more than one percent asbestos that, when dry, can be crumbled, pulverized, or reduced to powder by hand pressure. If the asbestos content is less than ten percent as determined by a method other than point counting by polarized light microscopy (PLM), verify the asbestos content by point counting using PLM. [40 CFR 61]
3.2.33	"Nonfriable asbestos-containing material" means any material containing more than ten percent asbestos that, when dry, cannot be crumbled, pulverized, or reduced to powder by hand pressure. [40 CFR 61]
3.2.34	Regulated asbestos-containing material (RACM) means (a) Friable asbestos material, (b) Category I nonfriable ACM that has become friable, (c) Category I nonfriable ACM that will be or has been subjected to sanding, grinding,

	cutting, or abrading, or (d) Category II nonfriable ACM that has a high probability of becoming or has become crumbled, pulverized, or reduced to powder by the forces expected to act on the material in the course of demolition or renovation operations. [40 CFR 61]
3.2.35	The following requirements apply to all asbestos containing material accepted for disposal including friable and nonfriable asbestos. [40 CFR 61]
3.2.36	The Permittee must maintain a waste shipment record for each load containing asbestos that include the following information: <ul style="list-style-type: none"> (1) The name, address, and telephone number of the waste generator; (2) The name, address, and telephone number of the transporter(s); (3) The quantity of the asbestos containing material in cubic yards; (4) In accordance with NESHAP, the presence of improperly enclosed or uncovered waste, or any asbestos-containing waste material not sealed in leak-tight containers. Contact MPCA solid waste compliance staff by the following working day, to report the presence of a significant amount of improperly enclosed or uncovered waste. Submit a copy of the waste shipment record along with the report; and (5) The date of the receipt. [40 CFR 61]
3.2.37	There must be no visible emissions to the outside air from any active waste disposal site where asbestos containing material has been deposited. [40 CFR 61]
3.2.38	The asbestos containing material that has been deposited at the site during the operating day shall be covered with at least six inches of compacted nonasbestos containing material by the end of that day. [40 CFR 61]
3.2.39	The Permittee shall maintain records of the location, depth and area, and quantity in cubic yards of asbestos containing material within the disposal site on a map or diagram of the disposal area. [40 CFR 61]
3.2.40	The Permittee shall notify the Commission in writing at least 45 days prior to excavating or otherwise disturbing any asbestos containing material that has been deposited at a waste disposal site and is covered. If the excavation will begin on a date other than the one contained in the original notice, notice of the new start date must be provided to the Administrator at least ten working days before excavation begins and in no event shall excavation begin earlier than the date specified in the original notification. Include the following information in the notice: <ul style="list-style-type: none"> (1) Scheduled starting and completion dates; (2) Reason for disturbing the waste; (3) Procedures to be used to control emissions during the excavation, storage, transport, and ultimate disposal of the excavated asbestos-containing waste material. If deemed necessary, the Administrator may require changes in the emission control procedures to be used; and (4) Location of any temporary storage site and the final disposal site. [40 CFR 61]
TR 001	MSW Transfer Station
3.3.1	Design And Construction Criteria.
3.3.2	The Permittee shall construct the solid waste transfer area in accordance with the approved plans and specifications. [Minn. R. 7001.0150, subp. 3-4]
3.3.3	The Permittee shall design any proposed future expansions or modifications of the solid waste transfer area in accordance with the design requirements outlined in Minn. R. 7035.2870, subp. 4. [Minn. R. 7035.2870, subp. 4(B)]
3.3.4	Operating And Maintenance Criteria.
3.3.5	The Permittee shall transport all solid waste that is received at the facility, to a solid waste disposal or recycling facility that has been permitted to accept such waste by the appropriate regulatory agency. [Minn. R. 7035.2870, subp. 2]
3.3.6	The Permittee shall operate the transfer area in accordance with the approved operating and maintenance manual, and in accordance with Minn. R. 7035.2870, subp. 5. [Minn. R. 7001.0150, subp. 2-3, Minn. R. 7035.2870, subp. 1]
3.3.7	The Permittee shall keep the facility doors closed to minimize odors, dust, noise and litter except when vehicles are expected to be entering or leaving the facility. [Minn. R. 7035.2870, subp. 5(D)]
3.3.8	The Permittee shall keep roads, gates, doors, and tipping floor areas clear of obstructions at all times. [Minn. R. 7035.2870, subp. 5(A)]

3.3.9	The Permittee shall confine all solid waste within the tipping floor area or other designated processing or storage area. [Minn. R. 7035.2870, subp. 5(F)]
3.3.10	The Permittee shall maintain the facility and all equipment in good working condition. [Minn. R. 7035.2870, subp. 5(E)]
3.3.11	The Permittee shall clear the tipping floor and storage areas of waste, and clean the areas at least once every seven days. [Minn. R. 7035.2870, subp. 5(H)]
3.3.12	The Permittee shall clean all traps of waste each time the facility tipping floors and storage areas are cleaned. [Minn. R. 7035.2870, subp. 5(O)]
3.3.13	The Permittee shall remove liquids from the facility's sump before reaching capacity, or more often as necessary to prevent odors. [Minn. R. 7035.2870, subp. 5(O)]
3.3.14	The Permittee shall transfer or store all industrial waste or mixed municipal solid waste at the facility in: <ol style="list-style-type: none"> 1) a completely enclosed structure, 2) containers constructed of impervious materials and designed to prevent leakage, or 3) in a designated solid waste storage area meeting the storage standards of Minn. R. 7035.2855. [Minn. R. 7035.2870, subp. 5(C)]
3.3.15	The Permittee shall containerize or store all separated salvageable and recyclable materials in a designated area. The Permittee shall remove all separated salvageable and recyclable materials from the facility when the capacity of the container or designated area is reached. [Minn. R. 7035.2870, subp. 5(G)]
3.3.16	The Permittee shall manage all putrescible waste remaining at the facility at the end of the working day. The remaining putrescible waste shall be: <ol style="list-style-type: none"> 1) properly disposed of, 2) stored in an enclosed structure, or 3) stored in containers constructed of impervious materials and designed to prevent leakage and to prevent precipitation, insects, and other vectors from coming in contact with the waste. [Minn. R. 7035.2870, subp. 5(C)]
TS 001	Waste Tire Storage
3.4.1	Operating And Maintenance Criteria.
3.4.2	The Permittee shall provide a storage area for the collection of waste tires to be removed by a licensed tire hauler. No more than 2000 passenger tire equivalents (PTEs) may be stored at the facility. [Minn. R. 9220.0480, subp. 3]
3.4.3	The Permittee shall arrange for the transportation and disposal of the waste tires by a licensed tire hauler. The Permittee shall include the number of tires transferred, the licensed hauler's MPCA transporter identification number, and the tire disposal destination in the facility's annual report. [Minn. R. 9220.0450, subp. 4]
3.4.4	A waste tire storage area shall be designated. Only waste tires may be stored in the designated waste tire storage area. This area shall be maintained free of vegetation. [Minn. R. 9220.0450, subp. 3(D)]
3.4.5	No operations involving the use of open flames, blow torches, or highly flammable substances shall be conducted within 50 feet of a waste tire pile. [Minn. R. 9220.0450, subp. 3(A)]
3.4.6	No waste tire pile shall have an area greater than 5,000 square feet or a vertical height greater than ten feet. [Minn. R. 9220.0450, subp. 3(F)]
3.4.7	A 50-foot fire lane shall be placed around the perimeter of each waste tire pile. Access to the fire lane for emergency vehicles shall be unobstructed at all times. The fire lane shall be maintained free of rubbish and vegetation at all times. [Minn. R. 9220.0450, subp. 3(G)]
3.4.8	All tire piles shall be maintained free of mosquitoes and rodents. [Minn. R. 9220.0450, subp. 3(H)]
3.4.9	Surface water drainage shall be diverted around and away from the waste tire storage area. [Minn. R. 9220.0450, subp. 3(I)]
YC 001	Yard Waste Compost
3.5.1	Operating And Maintenance Criteria.
3.5.2	The Permittee shall turn all yard waste on a periodic basis to aerate the yard waste, maintain temperatures, reduce pathogens and reduce odors. [Minn. R. 7035.2836, subp. 3(B)]

3.5.3	The finished compost shall not contain greater than three percent inert materials (dry weight) that are greater than or equal to four millimeters as determined by the testing procedures under Minn. R. 7035.2836, subp. 5, item J, sub item (3). [Minn. R. 7035.2836, subp. 3(C)]
3.5.4	The Permittee shall store all by-products, including residuals and recyclables, in a manner that prevents vector intrusion and aesthetic degradation. The Permittee shall store and remove all materials that are not composted on a weekly basis. [Minn. R. 7035.2836, subp.3(D)]
3.5.5	The Permittee shall divert surface water run-on around and away from the compost and storage areas. [Minn. R. 7035.2836, subp.3(E)]
3.5.6	The Permittee shall operate the yard waste composting area to control surface water run-off and prevent leachate from leaving the facility. The Permittee shall prevent the discharge of leachate, yard waste, residuals and the final product into waters of the state. [Minn. R. 7035.2836, subp.3(E-F)]
RE 00#	Storage of materials prior to recycling
3.6.1	This section of the permit pertains to the collection of materials prior to transfer for recycling. This facility is permitted to store, but not limited to: - Appliances (RE 001) - Electronics (RE 002) - Scrap metal (RE 003). [Minn. R. 7001.0150]
3.6.2	Design And Construction Criteria.
3.6.3	The Permittee shall construct the solid waste recycling area in accordance with the approved plans and specifications. Storage of waste on-site shall comply with Minn. R. 7035.2855. [Minn. R. 7001.0150, subp. 3, Minn. R. 7035.2845, subp. 4(B), Minn. R. 7035.2855]
3.6.4	The Permittee shall design any proposed future expansions or modifications of the solid waste recycling area in accordance with the design requirements outlined in Minn. R. 7035.2845, subp. 3. [Minn. R. 7035.2845, subp. 3]
3.6.5	Operating And Maintenance Criteria.
3.6.6	The Permittee shall remove all putrescible residual materials at least once per week. The Permittee shall remove all other residuals at least once per month. [Minn. R. 7035.2845, subp. 4]
3.6.7	All of the recyclable materials that are delivered to or are stored at the recycling facility must be removed from the facility within three years after the date of receipt. The owner or operator must notify the commissioner annually, in the annual report required in subpart 4a, if recyclable materials are stored longer than one year. The annual report must identify the type and approximate weight of material being stored. Recyclable materials that are stored longer than one year must be stored in such a way that the recyclability is retained. [Minn. R. 7035.2845, subp. 4(b)]
3.6.8	The Permittee shall divert all surface water around and away from either recyclable or reusable materials that are stored outdoors. [Minn. R. 7001.0150, subp. 3]
3.6.9	Recyclable materials must be delivered to the appropriate materials processing facility as outlined in rule or any facility permitted to recycle or compost the material. The Permittee shall not deliver source-separate recyclable materials to a disposal facility or a resource recovery facility that is composting MSW, burning waste, or converting waste to energy unless the commissioner has determined that no other person is willing to accept the recyclable material. [Minn. Stat. 115A.95]
3.6.10	At least 30 days prior to the effective date of closure, the owner or operator of a recycling facility must post a notice of closure at the entrance by signs indicating the date of closure, and must publish a notice of closure in a local newspaper. [Minn. R. 7035.2845, subp. 6]
3.6.11	Specific Conditions.
3.6.12	The Permittee shall provide a separate storage area for the storage and transfer of scrap metal. The Permittee shall manage all scrap metal within the designated area on site. [Minn. R. 7001.0150, subp. 2]
3.6.13	The Permittee shall provide a separate storage area for the storage and transfer of major appliances, as defined in Minn. Stat. 115A.03, such that damage to the units is minimized during handling. The Permittee shall ensure that

	the proper removal of hazardous components and refrigerant gases is performed by a certified appliance processor. The Permittee shall transfer all appliances off-site at least annually, with the number of appliances recycled and the destination included in the annual report. [Minn. R. 7001.0150, subp. 2]
3.6.14	The Permittee shall provide a separate storage area for the storage and transfer of electronics. As used in this permit, "electronics" includes but is not limited to televisions, computer monitors, computers, microwaves, and other devices that have wiring, circuitry, circuit boards, batteries, and other similar components. The Permittee shall store and manage electronics indoors and in a manner that prevents damage and the release of hazardous components. The Permittee shall transport electronics stored at the Facility off-site for recycling or disposal at an appropriately permitted facility at least annually and the Permittee shall note the volume and the destination in the annual report. [Minn. R. 7001.0150, subp. 2]
ST 00#	Storage of materials prior to beneficial use
3.7.1	This section of the permit pertains to the storage of materials prior to beneficial use. This facility is permitted to store: - Concrete (ST 001) - Asphalt shingles (ST 002) - Clean wood/brush (ST 003). [Minn. R. 7001.0150]
3.7.2	The Permittee shall construct the solid waste storage area in accordance with the approved plans and specifications. Storage of waste on-site shall comply with Minn. R. 7035.2855. [Minn. R. 7001.0150, subp. 2-3, Minn. R. 7035.2855]
3.7.3	The Permittee shall design any proposed future expansions or modifications of the solid waste storage area in accordance with the location standards and design requirements outlined in Minn. R. 7035.2855, subs. 2 and 3. [Minn. R. 7035.2855, subp. 2-3]
3.7.4	Operating And Maintenance Criteria.
3.7.5	The Permittee shall operate and maintain a run-on control system capable of preventing flow onto the storage area. The Permittee shall also operate and maintain a stormwater management system capable of collecting and controlling run-off from the storage area. Both run-on and run-off systems shall be capable of controlling at least the water volume resulting from a 24-hour, 10-year storm. [Minn. R. 7035.2855, subp. 3(C-D)]
3.7.6	The Permittee shall maintain and operate collection and holding facilities, such as tanks or basins, that are associated with the run-on and run-off control systems. The facilities shall be emptied, or otherwise managed, after storms to maintain the design capacity of the system. [Minn. R. 7035.2855, subp. 3(E)]
3.7.7	The Permittee shall cover or otherwise manage the solid waste to contain any particulate matter that may be subject to wind dispersion. [Minn. R. 7035.2855, subp. 3(F)]
3.7.8	Specific Conditions.
3.7.9	The solid waste shall not be stored for more than three years without being processed or utilized. [Minn. R. 7035.2855, subp. 7(D)]
3.7.10	The maximum quantity of solid waste stored at any one location at any given time is limited to a reasonable quantity based on the type of waste and its end use. A reasonable quantity is the amount of solid waste needed for completion of the projects for which it is being accumulated. Records must be kept that verify that the quantity of solid waste stored at any one location does not result in accumulation of solid waste in quantities that exceed its use. [Minn. R. 7035.2855, subp. 7(C)]
3.7.11	If the storage area contains any particulate matter that may be subject to wind dispersion, the owner or operator must cover or otherwise manage the waste to control wind dispersion. [Minn. R. 7035.2855, subp. 7(E)]
3.7.12	Nuisance conditions resulting from the storage of solid waste must be controlled and managed by the facility owner or operator. [Minn. R. 7035.2855, subp. 7(F)]
3.7.13	The Permittee must provide a separate storage area for each material. If the Permittee elects to store waste materials in a separate area for beneficial use, the Permittee shall crush, grind or use the material regular basis, not to exceed three years. [Minn. R. 7001.0150, subp. 2, Minn. R. 7035.2855, subp. 7(D)]
3.7.14	Closure Criteria.
3.7.15	The Permittee shall properly remove and dispose of or recycle all solid waste and contaminated portions of the

	storage area accordance with Minn. R. 7035.2855, subp. 6 upon closure of the area. [Minn. R. 7035.2855, subp. 6]
PR 00#	Processing of materials for beneficial use
3.8.1	Shredding Operations.
3.8.2	This section pertains to the shredding of solid waste prior to beneficial use. The Permittee is approved to shred, grind, and crush the following wastes for beneficial use: - Clean wood and brush (PR 001) - Asphalt shingles (PR 002) - Concrete (PR 003). [Minn. R. 7001.0150, Minn. R. 7035.2860, subp. 3]
3.8.3	The Permittee shall design and construct the processing area to prevent migration of contaminants into the adjacent subsurface soil, groundwater, or surface water at any time during the active life, or the closure period, of the facility. [Minn. R. 7035.2855, subp, 7(B(1))]
3.8.4	Run-on and runoff of stormwater must be controlled. The owner or operator must implement management practices designed to control run-on and runoff of stormwater from the storage area. In cases where solid waste will be stored continuously or intermittently at the same location, the owner or operator must design, construct, operate, and maintain a stormwater management system capable of collecting and controlling the volume of contaminated stormwater resulting from a 24-hour, 25-year storm unless otherwise directed by the agency. [Minn. R. 7035.2855, subp. 7(B(2))]
3.8.5	The Permittee shall design and construct the processing area in conformance with the agency air pollution control rules. [Minn. R. 7035.2565, subp. 3]
3.8.6	The Permittee shall operate and maintain the processing area to contain sediment, solid waste, and leachate. [Minn. R. 7035.2565, subp. 1]
3.8.7	The Permittee shall operate and maintain the processing area to prevent pollution of groundwater and surface water. [Minn. R. 7035.2565, subp. 1]
3.8.8	The commissioner may require monitoring if a release could pollute or degrade groundwater or surface water. [Minn. R. 7035.2565, subp. 2]
3.8.9	The Permittee shall effectively control dust, windblown material, vermin population, and other nuisance conditions. [Minn. R. 7035.2845, subp. 4]
3.8.10	The Permittee shall cover or otherwise manage the waste to control wind dispersion and particulate matter. [Minn. R. 7035.2855, subp. 3(F)]
3.8.11	All piles of shredded materials will be kept to the shortest drop distance possible in order to reduce dust and litter. [Minn. R. 7001.0150, subp. 2]

4. Waste Activities

Disposal Activities

Waste activity	ID	Description	Status	Permitted area (acres)	Permitted capacity (yd3)
Demolition Debris Land Disposal	DD 001	Class 1 Demolition Landfill	Active / Existing	8.16	173,400

Composting, Processing, and Transfer Activities

Waste activity	ID	Description	Status	Permitted area	Permitted area (Units)	Permitted capacity	Permitted capacity (Units)
Transfer Station	TR 001	MSW Transfer Station	Active / Existing	5,000	ft2	39,250	ton/yr
Waste Processing	PR 001	Processing of clean wood for beneficial use	Active / Existing	0.50	acre	2,000	yd3/yr
Waste Processing	PR 002	Processing of asphalt shingles for beneficial use	Active / Existing	10,000	ft2	5,000	yd3/yr

Waste Processing	PR 003	Processing of concrete for beneficial use	Active / Existing	10,000	ft2	5,000	yd3/yr
Compost Site	YC 001	Yard Waste Compost	Active / Existing	0.50	acre	5,000	yd3/yr

Storage Activities

Waste activity	ID	Description	Status	Onsite Storage	Onsite Storage (Units)
Solid Waste Storage	ST 001	Concrete Storage	Active / Existing	5,000	yd3
Solid Waste Storage	ST 002	Asphalt Shingle Storage	Active / Existing	5,000	yd3
Solid Waste Storage	ST 003	Storage of clean wood prior to beneficial use	Active / Existing	2,000	yd3
Solid Waste Storage	TS 001	Tire Storage Area	Active / Existing	2,000	PTE
Recycling	RE 001	Appliance Storage	Active / Existing	1,000	items
Recycling	RE 002	Storage of Electronics	Active / Existing	1,000	Items
Recycling	RE 003	Scrap Metal Storage	Active / Existing	3,000	yd3

Leachate Storage

ID	Description	Status	Storage Type	Capacity (gallons)
Leachate storage does not occur at this facility				

Leachate Management

ID	Description	Status	Type
Leachate management does not occur at this facility			

Gas Management

ID	Description	Status	System Type	Control Type	Number of Wells
Landfill gas management does not occur at this facility					

5. Submittal/Action requirements

SW-315	Hubbard Co Northern Transfer/Demo
5.1.1	The Permittee shall submit sampling and analysis protocol (SAP): Due by 90 days after permit issuance to reflect the sampling requirements specified in this permit, including a PFAS sampling protocol, and shall ensure the plan is followed during sampling and sample analysis. The submitted SAP should meet or exceed the 2026 Solid Waste Permitting SAP guidance documents, including low-flow sampling procedures (w-sw2-07, w-sw2-07a, w-sw2-07b, w-sw2-07c and future revisions). [Minn. R. 7035.2815, subp. 14(G)]
5.1.2	The Permittee shall submit an annual facility report: Due annually, by the 1st of March. [Minn. R. 7035.2585]
5.1.3	The Permittee shall submit a spring water monitoring report : Due annually, by the 30th of June. [Minn. R. 7035.2815, subp. 14(P)]
5.1.4	The Permittee shall submit an autumn water monitoring report: Due annually, by the 1st of March. The fall groundwater monitoring report can be submitted as part of the annual water quality monitoring report. [Minn. R. 7035.2815, subp. 14(P)]
5.1.5	The Permittee shall submit annual water monitoring evaluation report: Due annually, by the 1st of March. [Minn. R. 7035.2815, subp. 14(Q)]
5.1.6	At a minimum of 180 days before the expiration date of this Permit, the Permittee shall submit an application for permit reissuance: Due by 180 days prior to permit expiration. [Minn. R. 7001.0040, subp. 3]

6. Monitoring stations

Monitoring type	Station name	Status	EQIS ID
Groundwater	MW-01	Active / Existing	763720
Groundwater	MW-02	Active / Existing	763721
Groundwater	MW-03	Active / Existing	763722
Groundwater	MW-03B	Active / Existing	828133
Groundwater	MW-04	Active / Existing	763723
Groundwater	MW-05	Active / Existing	828134

7. Monitoring groups

Type	Name	Group description	Assigned stations
Groundwater Monitoring Group	Groundwater Monitoring Group 1	Compliance Monitoring Water Table Wells	MW-01, MW-02, MW-03, MW-04, MW-05
Groundwater Monitoring Group	Groundwater Monitoring Group 2	Compliance Monitoring Below Water Table	MW-03B

8. Sampling and monitoring requirements

Type	Parameter	CAS	Limit	Unit	Sampling freq.
Groundwater Monitoring Group 1					
8.1.1	Alkalinity, Total as CaCO ₃	T-005		ug/L	Oct
8.1.2	Carbonate (CO ₃)	3812-32-6		ug/L	Oct
8.1.3	Chloride	16887-00-6		ug/L	Oct
8.1.4	Sulfate	14808-79-8		ug/L	Oct
8.1.5	Arsenic	7440-38-2	2.5	ug/L	Oct
8.1.6	Barium	7440-39-3	500	ug/L	Oct
8.1.7	Boron	7440-42-8	125	ug/L	Apr, Oct
8.1.8	Cadmium	7440-43-9	.125	ug/L	Oct
8.1.9	Chromium	7440-47-3	25	ug/L	Oct
8.1.10	Copper	7440-50-8		ug/L	Oct
8.1.11	Iron	7439-89-6		ug/L	Oct
8.1.12	Lead	7439-92-1	3.75	ug/L	Oct
8.1.13	Magnesium	7439-95-4		ug/L	Oct
8.1.14	Manganese	7439-96-5	25	ug/L	Apr, Oct
8.1.15	Mercury	7439-97-6	.5	ug/L	Oct
8.1.16	Potassium	7440-09-7		ug/L	Oct
8.1.17	Sodium	7440-23-5		ug/L	Oct
8.1.18	Bicarbonates (HCO ₃)	71-52-3		ug/L	Oct
8.1.19	1,4-Dioxane (p-Dioxane)	123-91-1	0.25	ug/L	Oct

Type	Parameter	CAS	Limit	Unit	Sampling freq.
8.1.20	2,2-Dichloropropane	594-20-7		ug/L	Oct
8.1.21	Carbon, Total Organic (TOC)	7440-44-0		ug/L	Oct
8.1.22	Acetone	67-64-1	750	ug/L	Oct
8.1.23	Allyl chloride (3 chloropropene)	107-05-1	7.5	ug/L	Oct
8.1.24	Benzene	71-43-2	.5	ug/L	Oct
8.1.25	Dichloromethane (Methylene chloride)	75-09-2	1.25	ug/L	Oct
8.1.26	Tetrachloroethylene (Perchloroethylene)	127-18-4	1	ug/L	Oct
8.1.27	Trichloroethylene (TCE)	79-01-6	.1	ug/L	Oct
8.1.28	1,1,1,2-Tetrachloroethane	630-20-6	17.5	ug/L	Oct
8.1.29	1,1,1-Trichloroethane	71-55-6	50	ug/L	Oct
8.1.30	1,1,2,2-Tetrachloroethane	79-34-5	.5	ug/L	Oct
8.1.31	1,1,2-Trichloroethane	79-00-5	.75	ug/L	Oct
8.1.32	1,1,2-Trichlorotrifluoroethane	76-13-1	50000	ug/L	Oct
8.1.33	1,1-Dichloroethane	75-34-3	20	ug/L	Oct
8.1.34	1,1-Dichloroethylene (Vinylidene chloride)	75-35-4	1.75	ug/L	Oct
8.1.35	1,1-Dichloropropene	563-58-6		ug/L	Oct
8.1.36	1,2-(trans-) Dichloroethylene	156-60-5	2.25	ug/L	Oct
8.1.37	1,2,3-Trichlorobenzene	87-61-6		ug/L	Oct
8.1.38	1,2,3-Trichloropropane	96-18-4	.00075	ug/L	Oct
8.1.39	1,2,4-Trichlorobenzene	120-82-1	1	ug/L	Oct
8.1.40	1,2,4-Trimethylbenzene	95-63-6	7.5	ug/L	Oct
8.1.41	1,2-Dibromo-3-chloropropane	96-12-8	.05	ug/L	Oct
8.1.42	1,2-Dibromoethane (Ethylene dibromide); EDB	106-93-4	0.0075	ug/L	Oct
8.1.43	1,2-Dichlorobenzene (ortho-)	95-50-1	150	ug/L	Oct
8.1.44	1,2-Dichloroethane	107-06-2	.25	ug/L	Oct
8.1.45	1,2-Dichloroethylene (cis-)	156-59-2	1.5	ug/L	Oct
8.1.46	1,2-Dichloropropane	78-87-5	0.75	ug/L	Oct
8.1.47	1,3,5-Trimethylbenzene	108-67-8	7.5	ug/L	Oct
8.1.48	1,3-Dichlorobenzene	541-73-1		ug/L	Oct
8.1.49	1,3-Dichloropropane	142-28-9		ug/L	Oct
8.1.50	1,3-Dichloropropene (cis-)	10061-01-5		ug/L	Oct
8.1.51	1,3-Dichloropropene (trans-)	10061-02-6		ug/L	Oct
8.1.52	1,4-Dichlorobenzene (para-)	106-46-7	12.5	ug/L	Oct
8.1.53	2-Chlorotoluene	95-49-8		ug/L	Oct
8.1.54	4-Chlorotoluene (para-)	106-43-4		ug/L	Oct
8.1.55	Bromobenzene	108-86-1		ug/L	Oct
8.1.56	Bromochloromethane (Chlorobromomethane)	74-97-5		ug/L	Oct
8.1.57	Bromodichloromethane (Dichlorobromomethane)	75-27-4	0.75	ug/L	Oct
8.1.58	Bromoform	75-25-2	10	ug/L	Oct
8.1.59	Bromomethane (Methyl bromide)	74-83-9	2.5	ug/L	Oct
8.1.60	Carbon tetrachloride	56-23-5	.25	ug/L	Oct
8.1.61	Chlorobenzene (Monochlorobenzene)	108-90-7	25	ug/L	Oct

Type	Parameter	CAS	Limit	Unit	Sampling freq.
8.1.62	Chlorodibromomethane (Dibromochloromethane)	124-48-1	2.5	ug/L	Oct
8.1.63	Chloroethane	75-00-3		ug/L	Oct
8.1.64	Chloroform	67-66-3	5	ug/L	Oct
8.1.65	Cumene (Isopropylbenzene)	98-82-8	75	ug/L	Oct
8.1.66	Dibromomethane (Methylene bromide)	74-95-3		ug/L	Oct
8.1.67	Dichlorodifluoromethane	75-71-8	125	ug/L	Oct
8.1.68	Dichlorofluoromethane	75-43-4	5	ug/L	Oct
8.1.69	Ethyl ether	60-29-7	50	ug/L	Oct
8.1.70	Ethylbenzene	100-41-4	10	ug/L	Oct
8.1.71	Hexachlorobutadiene	87-68-3	.25	ug/L	Oct
8.1.72	Chloromethane	74-87-3		ug/L	Oct
8.1.73	Methyl ethyl ketone (MEK)	78-93-3	100	ug/L	Oct
8.1.74	Methyl isobutyl ketone (4-Methyl-2-pentanone)	108-10-1	75	ug/L	Oct
8.1.75	Methyl-tert-butylether	1634-04-4	15	ug/L	Oct
8.1.76	Naphthalene	91-20-3	17.5	ug/L	Oct
8.1.77	n-Butylbenzene	104-51-8		ug/L	Oct
8.1.78	n-Propylbenzene	103-65-1		ug/L	Oct
8.1.79	p-Isopropyltoluene	99-87-6		ug/L	Oct
8.1.80	sec-Butylbenzene	135-98-8		ug/L	Oct
8.1.81	Styrene	100-42-5	25	ug/L	Oct
8.1.82	tert-Butylbenzene	98-06-6		ug/L	Oct
8.1.83	Tetrahydrofuran	109-99-9	150	ug/L	Oct
8.1.84	Toluene	108-88-3	17.5	ug/L	Oct
8.1.85	Trichlorofluoromethane	75-69-4	500	ug/L	Oct
8.1.86	Vinyl chloride (chloroethene)	75-01-4	.05	ug/L	Oct
8.1.87	Xylene	1330-20-7	75	ug/L	Oct
8.1.88	Calcium	7440-70-2		ug/L	Oct
8.1.89	Dissolved Oxygen, Field	T-105		mg/L	Apr, Oct
8.1.90	Turbidity	G-019		NTU	Apr, Oct
8.1.91	Perfluoropentanesulfonic acid (PFPeS)	2706-91-4		ug/L	Oct
8.1.92	Perfluorobutane sulfonate (PFBS)	45187-15-3	0.025	ug/L	Oct
8.1.93	Perfluorobutanoic acid (PFBA)	375-22-4	1.75	ug/L	Oct
8.1.94	Perfluoroheptanoic acid (PFHpA)	375-85-9		ug/L	Oct
8.1.95	Perfluorohexane sulfonate (PFH1S / PFHS / PFHxS)	108427-53-8	0.0025	ug/L	Oct
8.1.96	Perfluorohexanoic acid (PFHxA)	307-24-4	0.05	ug/L	Oct
8.1.97	Perfluorooctane sulfonate (PFOS)	45298-90-6	0.000575	ug/L	Oct
8.1.98	Perfluorooctanoic acid (PFOA)	335-67-1	0.000001975	ug/L	Oct
8.1.99	Perfluoropentanoic acid (PFPeA)	2706-90-3		ug/L	Oct
8.1.100	Solids, Total Dissolved (TDS)	C010		ug/L	Oct
8.1.101	Solids, Total Suspended (TSS)	C009		NTU	Apr, Oct
8.1.102	Eh (Oxidation potential)	4		mV	Apr, Oct
8.1.103	Specific Conductance	C-011		umhos/cm	Apr, Oct

Type	Parameter	CAS	Limit	Unit	Sampling freq.
8.1.104	Static Water Level (Elevation, MSL)	PCA-001		ft msl	Apr, Oct
8.1.105	Temperature	T-121		degrees C	Apr, Oct
8.1.106	Color	M002		SU	Apr, Oct
8.1.107	pH, Field	C006		SU	Apr, Oct
Groundwater Monitoring Group 2					
8.2.1	Alkalinity, Total as CaCO ₃	T-005		ug/L	Oct
8.2.2	Solids, Total Dissolved (TDS)	C010		ug/L	Oct
8.2.3	Carbonate (CO ₃)	3812-32-6		ug/L	Oct
8.2.4	Chloride	16887-00-6		ug/L	Oct
8.2.5	Sulfate	14808-79-8		ug/L	Oct
8.2.6	Arsenic	7440-38-2	2.5	ug/L	Oct
8.2.7	Barium	7440-39-3	500	ug/L	Oct
8.2.8	Boron	7440-42-8	125	ug/L	Oct
8.2.9	Cadmium	7440-43-9	.125	ug/L	Oct
8.2.10	Chromium	7440-47-3	25	ug/L	Oct
8.2.11	Copper	7440-50-8		ug/L	Oct
8.2.12	Iron	7439-89-6		ug/L	Oct
8.2.13	Lead	7439-92-1	3.75	ug/L	Oct
8.2.14	Magnesium	7439-95-4		ug/L	Oct
8.2.15	Manganese	7439-96-5	25	ug/L	Oct
8.2.16	Mercury	7439-97-6	.5	ug/L	Oct
8.2.17	Potassium	7440-09-7		ug/L	Oct
8.2.18	Sodium	7440-23-5		ug/L	Oct
8.2.19	Bicarbonates (HCO ₃)	71-52-3		ug/L	Oct
8.2.20	1,4-Dioxane (p-Dioxane)	123-91-1	0.25	ug/L	Oct
8.2.21	2,2-Dichloropropane	594-20-7		ug/L	Oct
8.2.22	Carbon, Total Organic (TOC)	7440-44-0		ug/L	Oct
8.2.23	Acetone	67-64-1	750	ug/L	Oct
8.2.24	Allyl chloride (3 chloropropene)	107-05-1	7.5	ug/L	Oct
8.2.25	Benzene	71-43-2	.5	ug/L	Oct
8.2.26	Dichloromethane (Methylene chloride)	75-09-2	1.25	ug/L	Oct
8.2.27	Tetrachloroethylene (Perchloroethylene)	127-18-4	1	ug/L	Oct
8.2.28	Trichloroethylene (TCE)	79-01-6	.1	ug/L	Oct
8.2.29	1,1,1,2-Tetrachloroethane	630-20-6	17.5	ug/L	Oct
8.2.30	1,1,1-Trichloroethane	71-55-6	50	ug/L	Oct
8.2.31	1,1,2,2-Tetrachloroethane	79-34-5	.5	ug/L	Oct
8.2.32	1,1,2-Trichloroethane	79-00-5	.75	ug/L	Oct
8.2.33	1,1,2-Trichlorotrifluoroethane	76-13-1	50000	ug/L	Oct
8.2.34	1,1-Dichloroethane	75-34-3	20	ug/L	Oct
8.2.35	1,1-Dichloroethylene (Vinylidene chloride)	75-35-4	1.75	ug/L	Oct
8.2.36	1,1-Dichloropropene	563-58-6		ug/L	Oct
8.2.37	1,2-(trans-) Dichloroethylene	156-60-5	2.25	ug/L	Oct

Type	Parameter	CAS	Limit	Unit	Sampling freq.
8.2.38	1,2,3-Trichlorobenzene	87-61-6		ug/L	Oct
8.2.39	1,2,3-Trichloropropane	96-18-4	.00075	ug/L	Oct
8.2.40	1,2,4-Trichlorobenzene	120-82-1	1	ug/L	Oct
8.2.41	1,2,4-Trimethylbenzene	95-63-6	7.5	ug/L	Oct
8.2.42	1,2-Dibromo-3-chloropropane	96-12-8	.05	ug/L	Oct
8.2.43	1,2-Dibromoethane (Ethylene dibromide); EDB	106-93-4	0.0075	ug/L	Oct
8.2.44	1,2-Dichlorobenzene (ortho-)	95-50-1	150	ug/L	Oct
8.2.45	1,2-Dichloroethane	107-06-2	.25	ug/L	Oct
8.2.46	1,2-Dichloroethylene (cis-)	156-59-2	1.5	ug/L	Oct
8.2.47	1,2-Dichloropropane	78-87-5	0.75	ug/L	Oct
8.2.48	1,3,5-Trimethylbenzene	108-67-8	7.5	ug/L	Oct
8.2.49	1,3-Dichlorobenzene	541-73-1		ug/L	Oct
8.2.50	1,3-Dichloropropane	142-28-9		ug/L	Oct
8.2.51	1,3-Dichloropropene (cis-)	10061-01-5		ug/L	Oct
8.2.52	1,3-Dichloropropene (trans-)	10061-02-6		ug/L	Oct
8.2.53	1,4-Dichlorobenzene (para-)	106-46-7	12.5	ug/L	Oct
8.2.54	2-Chlorotoluene	95-49-8		ug/L	Oct
8.2.55	4-Chlorotoluene (para-)	106-43-4		ug/L	Oct
8.2.56	Bromobenzene	108-86-1		ug/L	Oct
8.2.57	Bromochloromethane (Chlorobromomethane)	74-97-5		ug/L	Oct
8.2.58	Bromodichloromethane (Dichlorobromomethane)	75-27-4	0.75	ug/L	Oct
8.2.59	Bromoform	75-25-2	10	ug/L	Oct
8.2.60	Bromomethane (Methyl bromide)	74-83-9	2.5	ug/L	Oct
8.2.61	Carbon tetrachloride	56-23-5	.25	ug/L	Oct
8.2.62	Chlorobenzene (Monochlorobenzene)	108-90-7	25	ug/L	Oct
8.2.63	Chlorodibromomethane (Dibromochloromethane)	124-48-1	2.5	ug/L	Oct
8.2.64	Chloroethane	75-00-3		ug/L	Oct
8.2.65	Chloroform	67-66-3	5	ug/L	Oct
8.2.66	Cumene (Isopropylbenzene)	98-82-8	75	ug/L	Oct
8.2.67	Dibromomethane (Methylene bromide)	74-95-3		ug/L	Oct
8.2.68	Dichlorodifluoromethane	75-71-8	125	ug/L	Oct
8.2.69	Dichlorofluoromethane	75-43-4	5	ug/L	Oct
8.2.70	Ethyl ether	60-29-7	50	ug/L	Oct
8.2.71	Ethylbenzene	100-41-4	10	ug/L	Oct
8.2.72	Hexachlorobutadiene	87-68-3	.25	ug/L	Oct
8.2.73	Chloromethane	74-87-3		ug/L	Oct
8.2.74	Methyl ethyl ketone (MEK)	78-93-3	100	ug/L	Oct
8.2.75	Methyl isobutyl ketone (4-Methyl-2-pentanone)	108-10-1	75	ug/L	Oct
8.2.76	Methyl-tert-butylether	1634-04-4	15	ug/L	Oct
8.2.77	Naphthalene	91-20-3	17.5	ug/L	Oct
8.2.78	n-Butylbenzene	104-51-8		ug/L	Oct
8.2.79	n-Propylbenzene	103-65-1		ug/L	Oct

Type	Parameter	CAS	Limit	Unit	Sampling freq.
8.2.80	p-Isopropyltoluene	99-87-6		ug/L	Oct
8.2.81	sec-Butylbenzene	135-98-8		ug/L	Oct
8.2.82	Styrene	100-42-5	25	ug/L	Oct
8.2.83	tert-Butylbenzene	98-06-6		ug/L	Oct
8.2.84	Tetrahydrofuran	109-99-9	150	ug/L	Oct
8.2.85	Toluene	108-88-3	17.5	ug/L	Oct
8.2.86	Trichlorofluoromethane	75-69-4	500	ug/L	Oct
8.2.87	Vinyl chloride (chloroethene)	75-01-4	.05	ug/L	Oct
8.2.88	Xylene	1330-20-7	75	ug/L	Oct
8.2.89	Calcium	7440-70-2		ug/L	Oct
8.2.90	Dissolved Oxygen, Field	T-105		mg/L	Oct
8.2.91	Turbidity	G-019		NTU	Oct
8.2.92	Eh (Oxidation potential)	4		mV	Oct
8.2.93	Specific Conductance	C-011		umhos/cm	Oct
8.2.94	Static Water Level (Elevation, MSL)	PCA-001		ft msl	Apr, Oct
8.2.95	Temperature	T-121		degrees C	Oct
8.2.96	Color	M002		SU	Oct
8.2.97	pH, Field	C006		SU	Oct