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**Solid Waste Management Facility Permit**

R & G Demolition Landfill

**Permit:** SW-612

**Action:** PER002

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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(s) listed on the following page to construct and operate the R & G Demolition Landfill, SW-612 under the conditions set forth in this permit.

The facility consists of 9 acres located in: Township 109 North, Range 41 West, Section 20, Lyon County, in the MPCA Marshall Region. The facility includes the following waste activity area(s):

Demolition Debris Disposal Area

DD001

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.

Permit Issuance Date: \_\_\_\_\_

Permit Expiration Date: \_\_\_\_\_

Permit Modified Date: \_\_\_\_\_

Minnesota Pollution Control Agency

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Paula J. Connell, P.E.

Supervisor, Solid Waste Permitting Unit

St. Paul Office

Resource Management & Assistance Division

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**Solid Waste Management Facility Permit**  
R & G Demolition Landfill

**Permit:** SW-612  
**Action:** PER002

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The following permittee(s) are authorized to construct and operate the R & G Demolition Landfill, SW-612 under the conditions set forth in this permit.

**Permittee Activity Owner:**  
Mathowetz Co LLLP

**Address:**  
2694 County Road 6  
Marshall, MN 56258

**Permittee Land Owner:**  
Mathowetz Co LLLP

**Address:**  
2694 County Road 6  
Marshall, MN 56258

**Permittee Operator:**  
Mathowetz Co LLLP

**Address:**  
2694 County Road 6  
Marshall, MN 56258

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## **1. TOTAL FACILITY**

### **1.1 General**

#### **1.1.1 Definitions**

- 1.1.2 "Permittee" means the landowner, facility owner(s), and facility operator(s).
- 1.1.3 "Facility" has the meaning given in Minn. R. 7035.0300, subp. 37.
- 1.1.4 "Waste Activity" means the storage, processing, transfer, utilization, treatment, or disposal of solid waste and waste by-products.
- 1.1.5 "Waste Activity Area" means the land, structures, monitoring devices, and other appurtenances and improvements on the land associated with a waste activity.

#### **1.1.6 Waste Activities**

- 1.1.7 The facility waste activities authorized by this permit are limited to those activities described in the Waste Capacity Table of this permit.
- 1.1.8 "Airspace" means the volume for filling with waste, considering all solid waste, daily, intermediate, intermittent and final cover materials, and design restrictions.
- 1.1.9 "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, storm water 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. No waste disposal is authorized until the MPCA grants "permitted capacity" as defined below.
- 1.1.10 "Permitted Capacity" means the total airspace volume in cubic yards allowed for disposal at the facility under the most recently issued permit. It includes airspace already filled by previous disposal activities, before the start of the permit; estimated fill volumes to be used during the five-year term of the current permit, including cover systems; and may also include estimated fill volumes and cover systems that would be used during an additional "follow-on" period extending up to five years past the current permit's expiration date, provided that the permittee has submitted detailed engineering plans for the use and closure of that follow-on disposal space.

#### **1.1.11 Location**

- 1.1.12 The facility authorized by this permit is located on a 53-acre parcel in Section 20, T109N, R41W, Custer Township, Lyon County, Minnesota. The facility address is:  
2499 US Hwy 14  
Balaton, MN 56115

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**TOTAL FACILITY**

**General**

**1.1.13 Facility History**

1.1.14 The facility was originally authorized as a permit-by-rule demolition debris land disposal facility in October 2002. Under the permit-by-rule designation, a facility is allowed to accept up to 15,000 cubic yards of demolition debris for disposal for a maximum of 12 month period. On September 15, 2003, prior to the expiration of the permit-by-rule authorization, the MPCA received an application for a fully-permitted demolition debris landfill to continue operation at the site. On June 12, 2007, a five-year demolition disposal facility permit, SW-612, was issued for continued operation as a permitted Class I demolition landfill.

**1.1.15 Facility Description**

1.1.16 The facility is an unlined Class I demolition debris land disposal facility that is proposed to occupy nine acres in the northeast portion of the site. The ultimate airspace capacity of the facility is 191,592 cubic yards, including debris and cover materials. The facility will be developed in three phases and each phase will consist of four cells. This waste activity is designated as DD001 under this permit.

**1.2 Permit Documents**

**1.2.1 Permit Application**

1.2.2 The permit application approved by this permit is signed and dated September 9, 2003.

**1.2.3 Engineering Documents**

1.2.4 The engineering documents approved by this permit include:

1. Permit Application prepared by Fuller Engineering Services dated December 2011 including:
  - ==> Engineering Report
  - ==> Operational Report
  - ==> Closure Plan
  - ==> Post Closure Care Plan
  - ==> Contingency Action Plan
  - ==> Cost Estimates
  - ==> Emergency Management Procedures
2. Storm Water Pollution Prevention Plan prepared by Fuller Engineering Services dated December 2011
3. Permit Application Design Drawings prepared by Fuller Engineering Services signed November 1, 2011

**1.2.5 Hydrogeologic Evaluation Documents**

1.2.6 The hydrogeologic evaluation documents approved by this permit include:

1. Hydrogeologic Investigation Report, dated April 8, 2005
2. Hydrogeologic Evaluation Form for Demolition Landfills, dated August 11, 2006

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**TOTAL FACILITY**

**Permit Documents**

**1.2.7 Approved Plans**

1.2.8 The approved plans and engineering documents are incorporated into this permit. In addition, the approved version of all pending submittals required by this permit are incorporated into this permit. In all cases where the permit and the plans and submittal 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.

**1.2.9 Revised Plans**

1.2.10 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.

**1.3 Design and Construction Criteria**

**1.3.1 Location Standards**

1.3.2 The permittee may not locate, establish, or construct a solid waste management facility in areas designated in Minn. R. 7035.2555.

**1.3.3 Ground Water Quality, Surface Water Quality, Air Quality, and Soil Protection**

1.3.4 The permittee must locate, design, and construct the facility to prevent pollution of ground water 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.

**1.3.5 Storage Standards**

1.3.6 A waste activity area where solid waste is stored must be designed in accordance with Minn. R. 7035.2855 except as provided in, subp. 1 and Minn. R. 7035.2525, subp. 2.

**1.3.7 Storm Water Management System**

1.3.8 The permittee shall construct and certify the storm water management system for the facility with Best Management Practices to manage storm water discharge in accordance with the National Pollutant Discharge Elimination System/State Disposal System (NPDES/SDS) Permit for the discharge of storm water associated with an industrial activity and/or a construction activity.

**1.3.9 Construction Plan**

1.3.10 The permittee must submit a construction plan to the commissioner for approval prior to construction if the construction plan proposes any major revisions to the approved design.

**1.3.11 Construction Notification**

1.3.12 Unless the commissioner orders otherwise, the permittee shall notify appropriate MPCA staff at least ten (10) working days in advance of construction of the facility or any component thereof.

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**TOTAL FACILITY**

**Design and Construction Criteria**

**1.3.13 Construction Certification**

1.3.14 The permittee must 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 must not be placed into operation until the construction certification has been approved by the commissioner.

**1.3.15 Alterations and Additions**

1.3.16 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.

**1.4 Operating and Maintenance Criteria**

**1.4.1 Storage of Solid Waste**

1.4.2 The permittee shall be responsible for the satisfactory storage of all solid waste accumulated at the facility in accordance with Minn. R. 7035.0700 and Minn. R. 7035.2855.

**1.4.3 Collection and Transportation of Solid Waste**

1.4.4 The permittee shall provide for the proper collection and transportation of solid waste in accordance with Minn. R. 7035.0800.

**1.4.5 Unacceptable Wastes**

1.4.6 The permittee must not accept specific wastes for treatment storage, processing, or disposal in accordance with Minn. R. 7035.2535, subp. 1.

**1.4.7 Required Notices**

1.4.8 The permittee must 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.

**1.4.9 Security**

1.4.10 The permittee must 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.

**1.4.11 General Inspection**

1.4.12 The permittee must perform general inspections in accordance with Minn. R. 7035.2535, subp. 4.

**1.4.13 Industrial Solid Waste Management Plan**

1.4.14 The permittee must manage industrial solid waste for each waste activity as specified in the approved plan in accordance with Minn. R. 7035.2535, subp. 5.

**1.4.15 Personnel Training**

1.4.16 Facility personnel must successfully complete a program of classroom instruction or on-the-job training to maintain compliance with Minn. R. 7035.2525 to 7035.2915.

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**TOTAL FACILITY**

**Operating and Maintenance Criteria**

**1.4.17 Storm Water Management System**

- 1.4.18 The permittee shall operate and maintain the storm water management system for the facility with Best Management Practices to manage storm water discharges in accordance with the NPDES/SDS Permit for the discharge of storm water associated with an industrial activity and/or a construction activity.
- 1.4.19 In accordance with Minn. R. 7035.2825, subp. 9, item G, surface water drainage must be diverted around and away from the active portion of the disposal area.

**1.4.20 Ground Water Quality, Surface Water Quality, Air Quality, and Soil Protection**

- 1.4.21 The permittee must operate and maintain the facility to prevent pollution of ground water 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.

**1.4.22 Operating Record**

- 1.4.23 The permittee must keep a written operating record at the facility in accordance with Minn. R. 7035.2575.

**1.5 Reporting Criteria**

**1.5.1 Annual Facility Report**

- 1.5.2 The permittee shall submit an annual facility report for the preceding calendar year in accordance with Minn. R. 7035.2585 and 7035.2825, subp. 9, item K. The report must include summary evaluation reports and specific annual reporting requirements. The permittee shall submit the report to the commissioner according to the schedule in the Required Actions and Submittals Table(s) of this permit.

**1.5.3 Electronic Data Reporting**

- 1.5.4 If water quality monitoring is required, the permittee shall submit an electronic copy of all water quality monitoring data. Electronic data must be submitted in the format outlined in the MPCA Solid Waste Program Electronic Laboratory Data Submittal Manual which can be found on the MPCA Solid Waste Permitting webpage at <http://www.pca.state.mn.us/waste/swpermits.html#data>. The schedule for submitting electronic copies of monitoring data shall follow the schedule outlined for monitoring reports as identified in the Required Actions and Submittals Table(s) of this permit.
- 1.5.5 Unless specifically directed by the Commissioner, any potential submittal of a paper copy of all water monitoring reports as outlined in the Required Actions and Submittals Table(s) of this permit is still required.

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**Reporting Criteria**

**1.5.6 Monitoring Station Location Information**

- 1.5.7 If monitoring points are required in the future, location and elevation data shall be collected for all such monitoring points. Prior to collecting this information a work plan shall be submitted for Commissioner approval which outlines the proposed methods to be used. Location data must be submitted in latitude/longitude coordinates and the datum used must be identified. Elevation data for monitoring wells must include the elevation of the riser pipe and ground surface. The depth of wells from the riser pipe must also be identified. If existing data is being reported the surveying method and datum used to collect this information must be identified.

**1.6 Contingency Action Criteria**

**1.6.1 Contingency Action Plan**

- 1.6.2 The permittee shall address all facility waste activities in the approved plan in accordance with Minn. R. 7035.2615.

**1.6.3 Emergency Preparedness and Prevention**

- 1.6.4 The permittee must design, construct, maintain, and operate a facility to minimize the possibility of a fire, explosion, or any release to air, land, or water of pollutants that threaten human health and the environment in accordance with Minn. R. 7035.2595.

**1.6.5 Emergency Procedures**

- 1.6.6 The permittee must take all reasonable containment measures during an emergency and submit a written report to the commissioner in accordance with Minn. R. 7035.2605.

**1.7 Closure Criteria**

**1.7.1 Closure Plan**

- 1.7.2 The permittee must close the facility and each waste activity as specified in the approved plan in accordance with Minn. R. 7035.2625.

**1.7.3 Closure Procedures**

- 1.7.4 The permittee must perform closure in accordance with Minn. R. 7035.2635.  
1.7.5 The permittee must 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.

**1.8 Postclosure Criteria**

**1.8.1 Postclosure Plan**

- 1.8.2 The permittee must comply with postclosure requirements in the approved plan in accordance with Minn. R. 7035.2645.

**1.8.3 Postclosure Care**

- 1.8.4 The permittee must perform postclosure care in accordance with Minn. R. 7035.2655, subp. 1.



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**TOTAL FACILITY**

**Postclosure Criteria**

1.8.5 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.

**1.8.6 Postclosure Use of Property**

1.8.7 The permittee must comply with postclosure use of property requirements in accordance with Minn. R. 7035.2655, subp. 2.

**1.9 Financial Criteria**

**1.9.1 Cost Estimates**

1.9.2 The permittee must keep the current cost estimates for each waste activity at the facility during the operating life in accordance with Minn. R. 7035.2685, subp. 2.

**1.9.3 Financial Assurance**

1.9.4 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.

**1.10 General Conditions**

**1.10.1 Release**

1.10.2 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.

**1.10.3 Future Changes**

1.10.4 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.

**1.10.5 Rights and Privilege**

1.10.6 The permit does not convey a property right or an exclusive privilege.

**1.10.7 Enforcement**

1.10.8 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.

**1.10.9 Performance**

1.10.10 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.

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**TOTAL FACILITY**

**General Conditions**

**1.10.11 Operation and Maintenance**

1.10.12 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.

**1.10.13 Honesty**

1.10.14 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.

**1.10.15 Timely Information Submittal**

1.10.16 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.

**1.10.17 Access**

1.10.18 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.

**1.10.19 Discovery of Noncompliance**

1.10.20 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.

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**TOTAL FACILITY**

**General Conditions**

**1.10.21 Notification of Noncompliance**

1.10.22 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.

**1.10.23 Reporting of Noncompliance**

1.10.24 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.

**1.10.25 Alterations**

1.10.26 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.

**1.10.27 Transferability**

1.10.28 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.

**1.10.29 Responsibility for Damage**

1.10.30 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.

**1.10.31 Modifying or Revoking Permit**

1.10.32 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.

**1.10.33 Severability**

1.10.34 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.

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**TOTAL FACILITY**

**General Conditions**

**1.10.35 Extensions**

- 1.10.36 The permittee may request an extension of the dates set forth in this permit including the submittal and monitoring dates. The request must include justification for requesting the extension of the date. Based on the justification, the commissioner may grant an extension.

**1.10.37 Term of Permit**

- 1.10.38 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 must be submitted no later than 180 calendar days before the expiration date of the permit.

**1.10.39 Retention of Records**

- 1.10.40 The permittee must maintain records of all ground water monitoring data and ground water surface elevations for the active life of the facility and each waste activity and, for disposal activities, for the postclosure care period. The permittee must also maintain an operating record in accordance with Minn. R. 7035.2575 until closure of each waste activity at the facility.

**1.10.41 As-built Plans**

- 1.10.42 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.

**1.10.43 Construction Certification**

- 1.10.44 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.

**1.10.45 Financial Assurance**

- 1.10.46 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.
- 1.10.47 The permittee is not required to establish financial assurance with the MPCA at this time.

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## **2. DEMOLITION DEBRIS DISPOSAL AREA DD 001**

### **2.1 Design and Construction Criteria**

#### **2.1.1 Location Standards**

2.1.2 In accordance with Minn. R. 7035.2825, subp. 7 the disposal area must not be located 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.

#### **2.1.3 Setback From Property Line**

2.1.4 In accordance with Minn. R. 7035.2825, subp. 9, item H, a minimum separation distance of 50 feet must be maintained between the fill boundaries and the property line.

#### **2.1.5 Design Requirements**

2.1.6 The design must include the items outlined in Minn. R. 7035.2825, subp. 8.

#### **2.1.7 Cover Design**

2.1.8 The cover system must be designed in accordance with Minn. R. 7035.2825, subp. 11.

#### **2.1.9 Attenuation Zone**

2.1.10 The separation distance from the lowest portion of the disposal area and the seasonal high water table must be a minimum of five feet.

### **2.2 Operating and Maintenance Criteria**

#### **2.2.1 Facility Classification**

2.2.2 In accordance with the MPCA's Demolition Landfill Guidance (August 2005) this landfill is a Class I Facility.

#### **2.2.3 Certified Operator**

2.2.4 An operator certified under Minn. R. 7048.0100 to 7048.1300 must be present at the disposal area during operating hours. At a minimum, the disposal area operations must meet the requirements of Minn. R. 7035.2825, subp. 9.

#### **2.2.5 Soil Stockpile**

2.2.6 In accordance with Minn. R. 7035.2825, subp. 9, item C, suitable cover material must be maintained at the site. If suitable cover is not available on-site, cover material must be delivered to and stockpiled at the site.

#### **2.2.7 Monthly Cover**

2.2.8 In accordance with Minn. R. 7035.2825, subp. 9, item A, all waste must be completely covered on a monthly basis, at a minimum, unless the commissioner approves otherwise.

#### **2.2.9 Cover Design**

2.2.10 The cover system must be maintained in accordance with Minn. R. 7035.2825, subp. 11.

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**DEMOLITION DEBRIS DISPOSAL AREA DD 001**

**Operating and Maintenance Criteria**

**2.2.11 Phase Development**

2.2.12 The permittee must develop the site in phases. Each phase must provide for filling in a manner to achieve final waste elevations as rapidly as possible. The phases must be designed and constructed to minimize moisture infiltration into the fill area while maintaining stable slopes and appropriate operating conditions. The permittee must 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.

**2.2.13 Acceptable Wastes**

2.2.14 In accordance with the MPCA's Demolition Landfill Guidance (August 2005), "construction and demolition (C&D) debris" is material resulting from the alteration, construction, destruction, rehabilitation, or repair of physical structures such as houses, buildings, industrial or commercial facilities, and roadways. Acceptable C&D waste list includes:

Bituminous concrete (includes asphalt pavement and blacktop); concrete (including rebar); stone; uncontaminated soil; masonry (bricks, stucco and plaster); untreated wood (including painted, stained and/or varnished dimensional lumber, pallets, tree stumps, grubbing, root balls, 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.

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**DEMOLITION DEBRIS DISPOSAL AREA DD 001**

**Operating and Maintenance Criteria**

**2.2.15 Non-Acceptable Wastes**

2.2.16 The following materials are considered to be non-acceptable or prohibited wastes for disposal in this waste activity area:

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 or 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); 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.

**2.2.17 Industrial Solid Waste Management**

2.2.18 The permittee must manage industrial solid waste as specified in the approved plan in accordance with Minn. R. 7035.2535, subp. 5. The permittee must 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.

**2.2.19 Waste Screening**

2.2.20 Loads containing only acceptable material (see above list) may be deposited directly into the tipping area. Any load containing other materials or unacceptable materials or industrial waste must first be dumped in a Waste Screening Area (WSA) to remove unacceptable materials prior to pushing the waste into the working face.

2.2.21 The operator should pre-inspect each load before it enters the WSA. Loads containing unacceptable materials should be diverted to another waste facility authorized to accept those materials, or the load may be dumped in the WSA for the removal of unacceptable material.

2.2.22 The WSA does not need to be in a fixed location, but can be moved as the site is developed. The WSA should be located within 50 feet of the active working face.

2.2.23 The operator must separate the WSA from the active working face. This may be accomplished by using physical barriers such as logs, chains, or cones. The operator is responsible for properly delineating and maintaining the two dumping areas as the working face moves.

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**DEMOLITION DEBRIS DISPOSAL AREA DD 001**

**Operating and Maintenance Criteria**

- 2.2.24 The operator shall not place more waste in the WSA than can be managed in one working day.
- 2.2.25 The operator shall inspect and remove unacceptable material from the waste dumped in the WSA, and move the inspected acceptable waste to the working face of the landfill on at least a weekly basis.
- 2.2.26 Upon discovery, unacceptable wastes must be removed from the loads and stored appropriately. The unacceptable waste must then be transferred to an appropriate disposal facility on at least a weekly basis.

**2.3 Monitoring Criteria**

**2.3.1 Hydrogeologic Evaluation**

- 2.3.2 The permittee has performed a hydrogeologic evaluation in accordance with Minn. R. 7035.2825, subp. 10.

**2.3.3 Water Quality Monitoring**

- 2.3.4 As outlined in Minn. R. 7035.2825, subp. 12, the commissioner may require water quality monitoring for the disposal area.

**2.3.5 Compliance Boundary**

- 2.3.6 If water quality monitoring is required, the permittee shall establish compliance boundaries according to Minn. R. 7035.2815, subp. 4, items A through E.

**2.3.7 Specific Condition**

- 2.3.8 Within 30 days after permit issuance, the permittee shall submit evidence that it has received appropriate storm water permit for industrial activity and/or a construction activity at the facility.



## Required Actions and Submittals Table

Report Date: 05/25/2012

Facility: R & G Demolition Landfill

Permit SW-612

Action: PER002

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Subject Item I.D. Total Facility

### Required Actions/Submittals

Frequency/Due Date	Action or Submittal	Requirement
TBD	Submit Permit Application	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 must be submitted to the Commissioner no later than 180 calendar days before the expiration date of the permit.
Annually	Submit Annual Facility Report	An annual facility report for the preceding calendar year must be submitted to the Commissioner by February 1 of each year. The report must include the information identified in Minn. R. 7035.2585 and 7035.2825, subp. 9, item K, including summary evaluation reports and specific annual reporting requirements for each waste activity.
TBD	Submit ISWMP	Within 30 days after permit issuance, the permittee shall submit a Industrial Solid Waste Management Plan in accordance with the MPCA Demolition Landfill Guidance. The permittee may use the template found on the MPCA website at <a href="http://www.pca.state.mn.us/waste/pubs/solidwaste.html">www.pca.state.mn.us/waste/pubs/solidwaste.html</a> to develop this document.

Permit Issued:

Permit Expires:

Waste Capacity Table

Report Date: 05/29/2012  
Facility: R & G Demolition Landfill  
Permit SW-612  
Action: PER002

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WA ID	Waste Activity Type	Status	Permitted Area	Units	Permitted Capacity	Units	Design Capacity	Units	Comments
DD001	Demolition Debris Disposal Area	Open	9.00	acres	100,000.00	cubic yards	191,592.00	cubic yards	Current operation in Phase I disposal area.