



Minnesota Pollution Control Agency

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Solid Waste Management Facility Permit

Shamrock Recycling & Transfer Facility

Permit: SW-592

Action: PER003

In accordance with Minn. Stat. chs. 115, 115A, and 116, and Minn. Rules 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 Shamrock Recycling & Transfer Facility, SW-592 under the conditions set forth in this permit.

The facility consists of 12 acres located in: Township 31 N, Range 23 W, Section 27, Anoka County, in the MPCA Metro Region. The facility includes the following waste activity area(s):

Solid Waste Transfer Area

TR001

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

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

Permit: SW-592

Shamrock Recycling & Transfer Facility

Action: PER003

The following permittee(s) are authorized to construct and operate the Shamrock Recycling & Transfer Facility, SW-592 under the conditions set forth in this permit.

Permittee Activity Owner:

Shamrock Land Partnership LLC

Address:

3280 99th Ct NE
Blaine, MN 55449

Permittee Land Owner:

Shamrock Land Partnership LLC

Address:

3280 99th Ct NE
Blaine, MN 55449

Permittee Operator:

Shamrock Land Partnership LLC

Address:

3280 99th Ct NE
Blaine, MN 55449

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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. For the effective term of this permit, the permittee, Shamrock Disposal, on a given work-day, may accept for transfer and recycling, up to but not to exceed, 700 tons per day (TPD) of construction and demolition debris waste (C&D), mixed municipal solid waste (MSW), and single stream recyclable materials (SSR). Each calendar year, Shamrock Disposal may not accept more than 218,400 tons per year (TPY) combined volume of all incoming waste and recyclables.

The facility will handle approximately 250 TPD of C&D, 250 TPD of MSW, 100 TPD of SSR, and 100 TPD of yard waste. Recyclable materials the facility may handle include glass, cardboard, ferrous and non-ferrous metal, concrete, wood, tires, shingles, and appliances.

1.1.8 Permit Compliance

- 1.1.9 The permittee shall keep the status of the permit current and up-to-date.
- 1.1.10 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.

1.1.11 Location

- 1.1.12 The transfer station and recycling facility is in the south half, of the Northeast quarter, of the Northeast quarter of Section 27, T31N, R23W, in the city of Blaine, Anoka County. The facility sits on approximately 12 acres and is located just west of Highway 35W on Naples Street.

The street address is:
3280 99th Court NE
Blaine, MN 55449

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TOTAL FACILITY

General

1.1.13 Facility History

1.1.14 On July 2001, the MPCA received a permit application from Shamrock Disposal for the construction and operation of a solid waste transfer station and recycling facility. On October 24, 2001, the MPCA forwarded the application to the Office of Environmental Assistance (OEA) for its review under Minn. Stat. Section 473.823. The OEA found the application consistent with the statute through its Findings of Fact dated December 21, 2001. The Rice Creek Watershed District granted permission for the transfer station development as part of an Amended Permit issued June 17, 2002. The MPCA found the application both complete and adequate, as required by law, on July 29, 2002. A draft permit was placed on public notice on that same date, July 29, 2002. During the thirty day public notice period, no significant public comments were received. As a result, this permit was administratively issued on the date shown on the cover page.

A minor modification in July 2009 approved the on-site processing of tear-off shingles for recycling. The permit was extended for an additional five years in September 2007.

1.1.15 General Facility Description

1.1.16 The facility is a solid waste transfer station authorized to transfer construction and demolition waste (C&D), mixed municipal solid waste (MSW), and single stream recyclable materials (SSR). All transfer activities will occur in the existing 20,000 square foot building. The transfer building is an unheated building constructed of architectural concrete panels with reinforced concrete tipping floor and sprinkler for fire protection. There are seven overhead doors for vehicle access.

Shamrock will remove the existing C&D processing equipment to allow space to manage MSW and SSR. Some manual C&D waste material recovery will continue to occur on site with additional mechanical recovery at other off-site facilities.

Outdoor areas are used for storage of yard waste and recyclables such as wood, concrete, metal, and shingles. Empty roll-off containers and equipment are also stored outside at the facility.

1.1.17 Environmental Review

1.1.18 An Environmental Assessment Worksheet (EAW) was prepared in August 2012 for the proposed increase in capacity and additional MSW waste stream. The Finding of Facts for the EAW was signed.....

1.1.19 Required Notices

1.1.20 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.

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1.2 Permit Documents

1.2.1 Approved Plans

1.2.2 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.

1.2.3 Permit Application

1.2.4 The permit application approved by this permit is titled "Application for a Permit Modification of the Shamrock Transfer and Recycling Facility" prepared by Wench Associates, Inc. dated July 2012.

1.2.5 Engineering Documents

1.2.6 The engineering documents approved by this permit include:

1. Engineering Report
2. Operations and Maintenance Manual
3. Contingency Action Plan
4. Closure Plan
5. Industrial Solid Waste Management Plan
8. Engineering Plans/Drawings

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 Groundwater Quality, Surface Water Quality, Air Quality, and Soil Protection

1.3.4 The permittee must 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 must design any proposed future expansions of the facility in accordance with this rule.

1.3.5 Storage Standards

1.3.6 The permittee must 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.

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TOTAL FACILITY

Design and Construction Criteria

1.3.7 Stormwater Management System

- 1.3.8 The permittee must 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.
- 1.3.9 The permittee is required to comply with the Amended Permit as issued by the Rice Creek Watershed District and use erosion control measures installed in accordance with the general provisions of that permit.

1.3.10 Construction Plan

- 1.3.11 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.

1.3.12 Construction Notification

- 1.3.13 The permittee must 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.

1.3.14 Construction Certification

- 1.3.15 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.

1.3.16 Alterations and Additions

- 1.3.17 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 Trained / Certified Operator

- 1.4.2 The permittee must ensure that the required number of operators, trained in accordance with Minn. R. 7035.2545, are present and on duty at all times that the facility is open for the purpose of receiving waste.

1.4.3 Security

- 1.4.4 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.

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TOTAL FACILITY

Operating and Maintenance Criteria

1.4.5 Personnel Training

- 1.4.6 The permittee must establish and maintain a personnel training program consisting of classroom instruction and on-the-job training. The program must address the requirements identified in Minn. R. 7035.2545, subp. 3, and must include the specific training necessary to perform the tasks associated with each solid waste management area within the facility. The permittee must maintain a record of all personnel training and submit the dates of training in the annual report.

1.4.7 Operations Manual

- 1.4.8 The permittee must prepare and maintain an operations and maintenance manual for the facility. The manual must include operations and maintenance criteria that are specific to each solid waste management area within the facility.

1.4.9 Roads

- 1.4.10 The permittee must construct and maintain all-weather approach and access roads to all waste activity areas within the facility.

1.4.11 Storage of Solid Waste

- 1.4.12 The permittee must provide satisfactory storage for all solid waste accumulated at the facility in accordance with Minn. R. 7035.0700 and Minn. R. 7035.2855.

1.4.13 Nuisance Conditions

- 1.4.14 The permittee must 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.
- 1.4.15 The permittee must manage the facility to be in compliance with Minn. R. 7011.0150 to prevent particulate matter from becoming airborne.
- 1.4.16 The permittee must manage all free liquids that have come in contact with solid waste so that the liquids are not discharged as storm water.
- 1.4.17 The permittee must provide effective measures to control flies, rodents and other insects or vermin as necessary.

1.4.18 Collection and Transportation of Solid Waste

- 1.4.19 The permittee must provide for the proper collection and transportation of solid waste in accordance with Minn. R. 7035.0800.

1.4.20 Unacceptable Wastes

- 1.4.21 The permittee must not accept the wastes identified in Minn. R. 7035.2535, subp. 1 for treatment, storage, processing, or disposal.

1.4.22 Industrial Solid Waste

- 1.4.23 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. 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.

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TOTAL FACILITY

Operating and Maintenance Criteria

1.4.24 Household Hazardous Waste

- 1.4.25 The permittee must manage household hazardous waste management for each waste activity as specified in the approved plan in accordance with Minn. R. 7035.2535, subp. 6.

1.4.26 Stormwater Management System

- 1.4.27 The permittee must operate and maintain the stormwater management system for the facility with Best Management Practices to manage stormwater discharges in accordance with the NPDES/SDS Permit for the discharge of stormwater associated with an industrial activity and/or a construction activity.

1.4.28 Groundwater Quality, Surface Water Quality, Air Quality, and Soil Protection

- 1.4.29 The permittee must 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.

1.4.30 Emergency Equipment

- 1.4.31 The permittee must 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 must also provide adequate communications equipment for emergency purposes.

1.4.32 Operating Record

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

1.4.34 Self Inspections

- 1.4.35 The permittee must 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 must record inspections in an inspection log or summary and must keep these records for at least five years.

1.4.36 Emergency Procedures Manual

- 1.4.37 The permittee must maintain a copy of the approved emergency procedures manual at the facility for facility personnel to use in time of emergency.

1.4.38 Contingency Action Plan

- 1.4.39 The permittee must maintain a copy of the approved contingency action plan at the facility.

1.4.40 Closure Plan

- 1.4.41 The permittee must 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.

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TOTAL FACILITY

Operating and Maintenance Criteria

1.4.42 Postclosure Plan

- 1.4.43 The permittee must 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 must be kept by the contact person identified in Minn. R. 7035.2645, subp. 2, item C.

1.5 Reporting Criteria

1.5.1 Annual Facility Report

- 1.5.2 The permittee must submit an annual facility report by February 1st of each year for the preceding calendar year in accordance with Minn. R. 7035.2585. When required of a waste activity, the report must include summary evaluation reports and specific annual reporting requirements. The permittee must submit the report to the commissioner according to the schedule in the Required Actions and Submittals Table(s) of this permit.

1.6 Contingency Action Criteria

1.6.1 Contingency Action Plan

- 1.6.2 The permittee must address all facility waste activities as specified in the approved plans and specifications, and in accordance with Minn. R. 7035.2615.
- 1.6.3 If a fire occurs in the tipping floor area, the permittee shall immediately implement its contingency action plan to extinguish the fire.
- 1.6.4 Within 24 hours of discovery of the fire, the permittee must provide notice to the MPCA that a fire has occurred and that the contingency action plan has been implemented.

1.6.5 Contingency Action Procedures

- 1.6.6 The permittee must implement the actions necessary to comply with the contingency action requirements in accordance with Minn. R. 7035.2615.

1.6.7 Emergency Preparedness and Prevention

- 1.6.8 The permittee must 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 or the environment in accordance with Minn. R. 7035.2595.

1.6.9 Emergency Procedures

- 1.6.10 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 Facility Closure

- 1.7.2 The permittee must 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.

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TOTAL FACILITY

Closure Criteria

1.7.3 Closure Procedures

- 1.7.4 The permittee must perform closure for each waste activity as specified in the approved plans and specifications, and 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 as specified in the approved plans and specifications, and in accordance with Minn. R. 7035.2645.

1.8.3 Postclosure Care

- 1.8.4 The permittee must 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.

1.8.5 Postclosure Use of Property

- 1.8.6 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.

1.10 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.

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TOTAL FACILITY

General Conditions

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.

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.

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TOTAL FACILITY

General Conditions

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.

1.10.21 Notification of Noncompliance Involving an Imminent Threat

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.

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TOTAL FACILITY

General Conditions

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.

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 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 or transfer station extended permit notification form must be submitted to the commissioner no later than 180 calendar days before the expiration date of the permit.

1.10.40 Retention of Records

1.10.41 The permittee must 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 must also maintain an operating record in accordance with Minn. R. 7035.2575 until closure of each waste activity at the facility.

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TOTAL FACILITY

General Conditions

1.10.42 As-built Plans

1.10.43 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.

1.10.44 Construction Certification

1.10.45 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.

1.10.46 Financial Assurance

1.10.47 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.

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2. SOLID WASTE TRANSFER AREA TR 001

2.1 Design and Construction Criteria

2.1.1 Construction Requirements

2.1.2 The permittee must construct the solid waste transfer area in accordance with the approved plans and specifications.

2.1.3 Design Requirements

2.1.4 The permittee must 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.

2.2 Operating and Maintenance Criteria

2.2.1 Delivery of Solid Waste

2.2.2 The permittee must 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.

2.2.3 Facility Operations

2.2.4 The permittee must operate the transfer area in accordance with the approved operating and maintenance manual, and in accordance with Minn. R. 7035.2870, subp. 5.

2.2.5 The permittee must keep the facility doors closed to minimize odors, dust, noise and litter except when vehicles are expected to be entering or leaving the facility.

2.2.6 The permittee must keep roads, gates, doors, and tipping floor areas clear of obstructions at all times.

2.2.7 The permittee must confine all solid waste within the tipping floor area or other designated processing or storage area.

2.2.8 Facility Maintenance

2.2.9 The permittee must maintain the facility and all equipment in good working condition.

2.2.10 The permittee must clear the tipping floor and storage areas of waste, and clean the areas at least once every seven days.

2.2.11 The permittee must clean all traps of waste each time the facility tipping floors and storage areas are cleaned.

2.2.12 The permittee must remove liquids from the facility's sump before reaching capacity, or more often as necessary to prevent odors.

2.2.13 Storage Requirements

2.2.14 The permittee must transfer or store all industrial waste or mixed municipal solid waste at the facility in (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.

2.2.15 The permittee must containerize or store all separated salvageable and recyclable materials in a designated area. The permittee must remove all separated salvageable and recyclable materials from the facility when the capacity of the container or designated area is reached.

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SOLID WASTE TRANSFER AREA TR 001

Operating and Maintenance Criteria

- 2.2.16 The permittee must manage all putrescible waste remaining at the facility at the end of the working day. The remaining putrescible waste must be: (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.

2.3 Specific Conditions

2.3.1 Major Appliances

- 2.3.2 The permittee must provide a separate storage area for the transfer of major appliances, as defined in Minn. Stat. 115A.03, such that damage to the units is minimized during handling. The permittee must ensure that the proper removal of hazardous components and refrigerant gases is performed by a certified appliance processor. The permittee must transfer all appliances off-site at least annually, with the number of appliances recycled and the destination included in the annual report.

2.3.3 Lead Acid Batteries

- 2.3.4 The permittee must provide a storage area for lead acid batteries such that damage to the units is minimized during handling. The storage area must include a secondary containment device to contain any releases.

2.3.5 Electronics

- 2.3.6 The permittee must 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 must transport electronics stored at the Facility off-site for recycling or disposal at an appropriate facility at least annually and the permittee shall note the volume and the destination in the annual report.

2.3.7 Scrap Metal

- 2.3.8 The permittee must provide a separate storage area for the storage of scrap metal. The permittee must manage all scrap metal within the designated area on site.

2.3.9 Tires

- 2.3.10 The permittee must identify a designated waste tire storage area. The permittee may store a maximum of 2,000 passenger tire equivalents (PTE) in this area.
- 2.3.11 The permittee must maintain all tire piles in a manner that keeps the piles free of vegetation, mosquitoes and rodents.
- 2.3.12 The permittee must divert surface water drainage around and away from the waste tire storage area.
- 2.3.13 The permittee must not conduct any operations involving the use of open flames, blow torches, or highly flammable substances within 50 feet of a waste tire pile.

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Specific Conditions

- 2.3.14 The permittee must 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.

Required Actions and Submittals Table

Report Date: 08/23/2012

Facility: Shamrock Recycling & Transfer Facility

Permit SW-592

Action: PER003

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Subject Item I.D. Total Facility

Required Actions/Submittals

Frequency/Due Date	Action or Submittal	Requirement
Annually	Submit Annual Waste Activity Report	The permittee must submit an annual facility report by February 1st of each year for the preceding calendar year in accordance with Minn. R. 7035.2585. When required of a waste activity, the report must include summary evaluation reports and specific annual reporting requirements. The permittee must submit the report to the commissioner according to the schedule in the Required Actions and Submittals Table(s) of this permit.
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 or transfer station extended permit notification form must be submitted to the commissioner no later than 180 calendar days before the expiration date of the permit.

Waste Capacity Table

Report Date: 08/23/2012
Facility: Shamrock Recycling & Transfer Facility
Permit SW-592
Action: PER003

<i>DRAFT</i>		<i>DRAFT</i>	<i>DRAFT</i>	<i>DRAFT</i>	<i>DRAFT</i>	<i>DRAFT</i>	<i>DRAFT</i>	<i>DRAFT</i>	
WA ID	Waste Activity Type	Status	Permitted Area	Units	Permitted Capacity	Units	Design Capacity	Units	Comments
TR001	Solid Waste Transfer Area	Open	20,000.00	square feet	700.00	tons/day	700.00	tons/day	The facility will average 250 TPD of demolition and construction debris, 250 TPD of MSW, 100 TPD SSR, and 100TDP of yard waste multiplied by 312 working days is approximately 218,400 tons per year.
					218,400.00	tons/year	218,400.00	tons/year	