Commonwealth of Massachusetts
Executive Office of Energy & Environmental Affairs

Department of Environmental Protection

One Winter Street Boston, MA 02108 • 617-292-5500

DEVAL L. PATRICK
Governor

TIMOTHY P. MURRAY
Lieutenant Governor

RICHARD K. SULLIVAN JR.
Secretary

KENNETH L. KIMMELL
Commissioner

NOTIFICATION OF PERMIT EXTENSION FOR BRP GENERAL PERMITS

In August 2010 Governor Patrick signed Chapter 240 of the Acts of 2010 into law. Section 173 of this Act is known as the Permit Extension Act ("PEA" or "the Act"). In August 2012, Governor Patrick signed Chapter 238 of the Acts of 2012, which included two sections amending the PEA. As amended, the Act automatically extends (with limited exceptions), for four years beyond its otherwise applicable expiration date, any permit or approval for the use or development of property that was "in effect or existence" during the qualifying period beginning on August 15, 2008 and extending through August 15, 2012.

The Permit Extension Act's provisions have extended the term of the Groundwater Discharge Permit Program's General Permits for Car Washes, Small Privately Owned Treatment Facilities and Small Publicly Owned Wastewater Treatment Facilities as each was in effect during the specified time period. These permits will now expire on September 14, 2018.

Persons wishing to continue coverage must either file a Notice of Intent application (BRPWP80 or BRPWP81), requesting coverage under the General Permit OR file an application for an Individual Permit (BRPWP79 or BRPWP85) by March 18, 2018, six months prior to the new expiration date.

David Ferris, Program Director
Wastewater Management Program

This information is available in alternate format. Call Michelle Waters-Ekanem, Diversity Director, at 617-292-5751. TDD# 1-866-539-7622 or 1-617-574-6868
MassDEP Website: www.mass.gov/dep

Printed on Recycled Paper

GROUND WATER DISCHARGE GENERAL PERMIT
For Privately Owned Wastewater Treatment Facilities
That Treat Wastewater From Commercial Carwashes
And
The Discharge to the Ground Water of the Effluent From Those Facilities

Date of Issuance: 9/14/2009 Date of Expiration: 9/14/2014

AUTHORITY FOR ISSUANCE

Pursuant to authority granted by Chapter 21, Sections 26-53 of the Massachusetts General Laws, as amended, and 314 CMR 5.00, the Massachusetts Department of Environmental Protection (the Department or MassDEP) hereby issues this General Permit to regulate certain privately owned wastewater treatment facilities that treat wastewater solely from commercial carwashes and the discharge to the ground water of the effluent from those facilities. A person granted coverage under the General Permit is a permittee authorized to construct, operate and maintain the covered wastewater treatment facilities and to discharge effluent from said facilities only in accordance with all the terms and conditions of the General Permit. A violation of the terms and conditions set forth herein is a violation of the General Permit, 314 CMR 5.00, and the Massachusetts Clean Waters Act, M.G.L. c. 21, sec. 26-53. MassDEP has also prepared a Fact Sheet for the General Permit. This Fact Sheet is incorporated and made part of the General Permit. The Fact Sheet outlines the factual and legal basis for the General Permit, identifies the types of facilities that are eligible for coverage under the General Permit and the process for requesting coverage under the General Permit.

_____ _____ 9/14/2009____

Glenn Haas, Acting Assistant Commissioner **Date**

I. SPECIAL CONDITIONS

A. Effluent Limits

The permittee is authorized to discharge into the ground from the wastewater treatment facilities for which this permit is issued a treated effluent whose characteristics within one month of start-up and continuing thereafter shall not exceed the following values:

(1) Effluent Characteristics	Discharge Limitations
Oil & Grease	15 mg/l
Total Dissolved Solids	1,000 mg/l
Chloride	250 mg/l
Surfactants	1.0 mg/l

(2) The pH of the effluent shall not be less than 6.5 nor greater than 8.5 at any time. If under natural conditions, the pH of the receiving ground water is less than 6.5 or greater than 8.5, the pH of the effluent shall not vary from the naturally occurring pH by more than 0.2 units.

(3) The discharge of the effluent shall not interfere with the use of the ground water as an actual or potential source of potable water and the use of surface waters for their existing and designated uses. The discharge of effluent shall not cause or contribute to a violation of the Massachusetts Surface Water Quality Standards, 314 CMR 4.00.

(4) The average daily flow shall not exceed the average daily flow specified in the Notice of Intent requesting coverage under the General Permit. When the average daily flow exceeds 80 percent of the flow specified in the Notice of Intent, the permittee shall submit a report to the Department describing what steps the permittee will take in

order to keep its average daily flow at or below the flow specified in the Notice of Intent

B. Monitoring and Reporting

The permittee shall monitor and record the quality and quantity of the **effluent** from the wastewater treatment facility prior to discharge to the disposal area according to the following schedule and other provisions:

(1) **EFFLUENT FROM THE WASTEWATER TREATMENT FACILITY:**

Parameter	Minimum Frequency of Analysis	Sample Type
Flow	Daily	Reading-report Max-Min-Avg
pH	Daily	Grab
Total Dissolved Solids	Monthly	Grab
Total Solids	Monthly	Grab
Chlorides	Monthly	Grab
Oil & Grease	Monthly	Grab
Surfactants	Monthly	Grab
Volatile Organic Compounds	Annually	Grab (US EPA Method #624)

(2) Prior to submission of a Notice of Intent requesting coverage under the General Permit, the permittee submitted a Hydrogeological Report to the Department for its review and approval In accordance with 314 CMR 5.09, this Hydrogeological Report included a detailed monitoring plan (the “Monitoring Plan”). At least ninety (90) days prior to the start-up of the wastewater treatment facility, the permittee shall install monitoring wells in accordance with the Monitoring Plan as approved by the Department.

(3)The permittee shall monitor, record, and report the quality of water in the monitoring wells installed in accordance with the Monitoring Plan as approved by the Department according to the following schedule and other provisions:

Parameter	Frequency of Analysis
pH	Monthly
Static Water Level	Monthly
Specific Conductance	Monthly
Chlorides	Quarterly
Sodium	Quarterly
Surfactants	Quarterly
Volatile Organic Compounds	Annually (US EPA Method #624)

(4) Any grab sample or composite sample required to be taken less frequently than daily shall be taken during the period of Monday through Friday inclusive. All composite samples shall be taken over the operating day.

(5)The Department may require the permittee to replace damaged monitoring wells, to install additional monitoring wells, to monitor for additional parameters or to perform more frequent monitoring if it determines that such requirements are necessary to protect the public health, safety, welfare, or the environment

(6) The permittee shall submit all monitoring reports within thirty (30) days of the last day of the reporting month. Reports shall be on an acceptable form, properly filed and signed and shall be sent to the Regional Office that issues permits for discharges located within the municipality where the permittee's discharge occurs and to the Program Director, Wastewater Management Program, Department of Environmental Protection, One Winter Street/5th Floor, Boston, MA 02108.

(7) Submission of monitoring reports in electronic format is available through eDEP and serves as data submission to both the Regional and Boston offices. To register for electronic submission go to: *http://www.mass.gov/dep/service/compliance/edeponlf.htm*

C. Supplemental Conditions

(1) The permittee shall notify the Department at least thirty (30)days in advance of a proposed transfer of

ownership of the facility for which this permit is written. Said notification shall include a written agreement between the existing and proposed new permittee containing a proposed date for the transfer of the permit, the proposed new permittee's assumption of responsibility for compliance with the permit. The transfer shall be subject to the automatic transfer provisions of 314 CMR 5.12(5). Pursuant to 314 CMR 5.12(5), the transfer shall take effect on the proposed transfer date unless the Department notifies the permittee before that proposed transfer date that it intends to modify or revoke and reissue the permit or that it needs additional information.

(2) An operation and maintenance plan and staffing plan (the "Operations and Maintenance Plan") for the wastewater treatment facility, including without limitation the sewer system, pump stations and disposal fields, shall be submitted to the Department for its review and approval at least ninety (90) days prior to the operation of the treatment works or forty-five (45) days before the permit takes effect, whichever last occurs.

(3) If the facility is constructed after coverage under the General Permit is granted, an Engineering Report and as-built plans for the wastewater treatment facility also shall be submitted to the Department at least ninety (90) days prior to the operation of the facility. These submissions shall be prepared in accordance with the Department's Guidelines by a Massachusetts Registered Professional Engineer with a concentration in civil, sanitary, or environmental engineering and accompanied by a certification from the Engineer that the wastewater treatment facility has been constructed in accordance with the as-built plans and Engineering Report and that the wastewater treatment facility, if operated and maintained in accordance with the Operations and Maintenance Plan, the General Permit, 314 CMR 5.00, and 314 CMR 12.00, shall be able to meet all the terms and conditions of the General Permit, including without limitation, the effluent limits set forth therein.

(4) If the facility is constructed after coverage is granted under the General Permit, the permittee shall not operate the facility, unless and until the Department has inspected the facility and authorized operation of the facility in writing.

(5) A revised Operations and Maintenance Plan shall be submitted to the Department whenever there are significant modifications to the wastewater treatment facility, the standard operating procedures for the facility, or the staff of the facility.

(6) The permittee shall operate and maintain the wastewater treatment facility in accordance with the Operations and Maintenance Plan approved by the Department.

(7) The facility shall not treat any wastewater other than that produced on the premises of the commercial car wash.

(8) At least ninety (90) days before entering into a contract with an independent contractor (the contract operator) for the operation and maintenance of the treatment works, the permittee shall submit a draft unsigned copy of the contract to the Department for its review and approval in accordance with 314 CMR 12.04(3)and 314 CMR 5.10(8)(j)(5). The contract shall provide that the contract operator shall operate and maintain the facility in accordance with the approved Operation and Maintenance Plan, 314 CMR 20.00, 314 CMR 12.00, and 257 CMR 2.00. The permittee shall not execute the contract and authorize the contract operator to operate the facility unless and until the Department has approved the contract in writing.

(9) All tests or analytical determinations to determine compliance with permit standards and requirements shall be done using tests and procedures found in the most recent version of *Standard Methods for the Examination of Water and Wastewater*.

(10) The permittee shall notify the Department, in writing, within thirty (30) days of any of the following events:

(a) The date the wastewater treatment facility starts operation;

(b) Any interruption of the operation of the wastewater treatment facility other than routine maintenance; and

(c) Final shutdown of the wastewater treatment facility.

(11) The permittee shall contract to have any and all solids and sludges generated by the wastewater treatment facility for which this permit is issued removed off site by a properly licensed waste hauler for disposal at an EPA/MassDEP approved facility. The name and license number of the hauler along with the schedule for the removal shall be reported by the permittee in writing to the Department at least thirty (30) days prior to the start-up of the wastewater treatment facility for new facilities or at least thirty (30) days prior to the start of any new contract for the removal of solids and sludges for existing facilities.

(12) The General Permit is in effect for a period of five years from the date of issuance

(13) The permittee shall file a Notice of Intent requesting continued coverage under the General Permit or shall file an application for an individual permit, at least one hundred eighty (180) days prior to the expiration date of the General Permit, regardless of when coverage was granted.

The General Permit Conditions set forth in 314 CMR 5.19 are hereby incorporated and made part of the General Permit.