COMMONWEALTH of VIRGINIA

DEPARTMENT OF ENVIRONMENTAL QUALITY
NORTHERN REGIONAL OFFICE
13901 Crown Court, Woodbridge, Virginia 22193
(703) 583-3800 Fax (703) 583-3821
www.deq.virginia.gov

Douglas W. Domenech
Secretary of Natural Resources

David K. Paylor
Director

Thomas A. Faha
Regional Director

5 August 2011

Mr. Robert Casson
2602 Alvey Drive
Haymarket, VA 20169

Subject: General VPDES Permit for Domestic Sewage Discharges ≤ 1,000 GPD
General VPDES Permit No. VAG406273
Casson Residence
2602 Alvey Drive – Prince William County

Dear Mr. Casson:

We have reviewed your Registration Statement and determined that this domestic sewage treatment facility is hereby covered under the referenced General VPDES Permit. A copy of the permit is enclosed. Please read it carefully, because you are responsible for assuring that the treatment facility is operated and maintained in accordance with the limitations and conditions of the General Permit. Also enclosed is a form which may be used to request an ownership transfer for the General VPDES permit. This form can also be found on DEQ's web page at: http://www.deq.virginia.gov/vpdes/permitfees.html. If you wish to have the permit ownership transferred, please complete the form and return it to this office accordingly.

Approval for coverage under this general VPDES permit does not relieve any owner of the responsibility to comply with any other applicable federal, state or local statute, ordinance or regulation, including the Alternative Discharging Sewage Treatment Regulations for Individual Single Family Dwellings (12VAC5-640) of the Virginia Department of Health adopted pursuant to §§ 32.1-12, 32.1-163, and 32.1-164 of the Code of Virginia.

Please contact Douglas Frasier at 703-583-3873 or via email at Douglas.Frasier@deq.virginia.gov if you have any questions.

Respectfully,

Bryant Thomas
Water Permit Manager

Enclosures: Permit No. VAG406273
Transfer of Ownership Agreement Form

cc: Prince William County Health District

COMMONWEALTH of VIRGINIA

DEPARTMENT OF ENVIRONMENTAL QUALITY
Street address: 629 East Main Street, Richmond, Virginia 23219
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Douglas W. Domenech
Secretary of Natural Resources

David K. Paylor
Director

(804) 698-4000
1-800-592-5482

General Permit No.: VAG40
Effective Date: August 2, 2011
Expiration Date: August 1, 2016

GENERAL PERMIT FOR DOMESTIC SEWAGE DISCHARGES OF LESS THAN OR EQUAL TO 1,000 GALLONS PER DAY
AUTHORIZATION TO DISCHARGE UNDER THE VIRGINIA POLLUTANT DISCHARGE ELIMINATION SYSTEM AND THE VIRGINIA STATE WATER CONTROL LAW

In compliance with the provisions of the Clean Water Act (33 USC § 1251 et seq.), as amended, and pursuant to the State Water Control Law and regulations adopted pursuant thereto, owners of treatment works with domestic sewage discharges of a design flow of less than or equal to 1,000 gallons per day on a monthly average are authorized to discharge to surface waters within the boundaries of the Commonwealth of Virginia, except those waters specifically named in board regulations that prohibit such discharges.

The authorized discharge shall be in accordance with this cover page, Part I-Effluent Limitations, Monitoring Requirements and Special Conditions, and Part II-Conditions Applicable to All VPDES Permits, as set forth herein.

Part I
Effluent Limitations, Monitoring Requirements, and Special Conditions

A. Effluent limitations and monitoring requirements—receiving waters where the 7Q10 flows are less than 0.2 MGD.

1. During the period beginning with the permit's effective date and lasting until the permit's expiration date, the permittee is authorized to discharge from outfall number 001 to receiving waters where the 7Q10 flows are less than 0.2 MGD.

The discharge shall be limited and monitored by the permittee as specified below:

EFFLUENT CHARACTERISTICS	DISCHARGE LIMITATIONS		MONITORING REQUIREMENTS	
	Instantaneous Minimum	Instantaneous Maximum	Frequency	Sample Type
Flow (MGD) (1)	NA	NL	1/year	Estimate
BOD_5	NA	30 mg/l	1/year	Grab
Total Suspended Solids	NA	30 mg/l	1/year	Grab
Total Residual Chlorine (2) After contact tank Final effluent	 1.0 mg/l NA	 NA 0.016 mg/l	 1/year 1/year	 Grab Grab
E. coli (3)	NA	235/100 ml	1/year	Grab
enterococci (4)	NA	104/100 ml	1/year	Grab
Fecal Coliform Bacteria (5)	NA	200/100 ml	1/year	Grab
pH (standard units)	6.0	9.0	1/year	Grab
Dissolved Oxygen	5.0 mg/l	NA	1/year	Grab

NL = No Limitation, monitoring required
NA = Not Applicable

(1) The design flow of this treatment facility is less than or equal to 1,000 gallons per day.

(2) Applies only when chlorine is used for disinfection and the discharge is into freshwater (see 9VAC25-260-140.C for the classes of waters and boundary designations).

(3) Applies only when methods other than chlorine are used for disinfection and the discharge is into freshwater (see 9VAC25-260-140.C for the classes of waters and boundary designations). When the facility is discharging, continuous disinfection shall be provided in order to maintain this effluent limit.

(4) Applies only when the discharge is into saltwater or the transition zone (see 9VAC25-260-140.C for the classes of waters and boundary designations). When the facility is discharging, continuous disinfection shall be provided in order to maintain this effluent limit.

(5) Applies only when the discharge is into shellfish waters (see 9VAC25-260-160 for the description of what are shellfish waters). When the facility is discharging, continuous disinfection shall be provided in order to maintain this effluent limit.

2. All monitoring data required by Part I A 1 shall be maintained on site in accordance with Part II B. Reporting of results to DEQ is not required; however, the monitoring results shall be made available to DEQ personnel upon request. Monitoring results for treatment works serving individual single family dwellings shall be submitted to the Virginia Department of Health in accordance with 12VAC5-640.

3. The 30-day average percent removal for BOD_5 and total suspended solids shall not be less than 85%.