

Waite - Heindel
Environmental Management

April 3, 2018

Data Clerk
Watershed Management Division
One National Life Drive
Montpelier, VT 05620-3522

Re: **Monitoring Report Form for NOI #3-4220 – March 2018**
Young Residence, 22 North Williams Street, Burlington, VT (SMS Site #2013-4436)

Dear Data Clerk:

Enclosed please find the March 2018 monitoring report for the Young Residence (NOI #3-4220) located in Burlington, VT.

March 2018 was the 20th month of metered discharge. Based on flow totalizer readings collected on both March 15 and March 23, 2018, there was a total of 1,071.6 gallons of flow from the system from February 20 to March 23, 2018. This is equivalent to 31.6 gallons per day over the period, which is higher the highest observed monthly flow rate since April 2017. Flow remains below system design parameters.

The system is free of leaks. At no point has the system malfunctioned and allowed the discharge of contaminated water above discharge limits. Low concentrations of several VOCs (Xylenes, Trimethylbenzenes, and Naphthalene) were detected in the influent sample on March 23, 2018, but all detections were well below standards. TPH-DRO was detected (680 ppb) in the influent sample. No VOCs were detected in the effluent; one unidentified peak was reported in the March 23 sample. **Influent** VOC concentrations have consistently been reported below the permitted **effluent** guidelines as presented on the attached WR-43-9004 form.

Please do not hesitate to contact me at 802-860-9400 x104 or cpage@waiteenv.com with any questions you may have.

Sincerely,

A handwritten signature in black ink that reads 'Chris Page'.

Christopher Page
Project Scientist

Enclosures

cc: Bill Young
Steve Roy - City of Burlington
Hugo Martinez-Cazón-Waste Management and Prevention Division (via email)

ATTACHMENT

MONITORING REPORT FOR DISCHARGES FROM PETROLEUM RELATED REMEDIAATION ACTIVITIES AUTHORIZED BY GENERAL PERMIT 3-9004 and 3-9016

PERMITTEE: Bill Young
ADDRESS: 28 North Williams Street
Burlington, VT 05401
PHONE: 802-862-8018

NOI# 3-4220.1605
Discharge Point Lavalley Lane POTW
Monitoring Period March 2018
Month/Year

NOIs authorized by both General Permits must monitor the influent at least once per month.

<u>PARAMETERS</u>	<u>FLOW</u>	<u>BENZENE</u>	<u>TOTAL BTEX</u>	<u>MTBE</u>	<u>TPH *</u>
UNITS OF MEASURE:	GALLONS	ppb	ppb	ppb	ppb
FREQUENCY OF MEASURE:	1x per month	2x per month	2x per month	2x per month	2x per month
SAMPLE TYPE:	MEASURED TOTAL	GRAB	GRAB	GRAB	GRAB
LIMIT:	Not to exceed pump capacity	5 ppb	50 ppb	monitor only	1000 ppb

SAMPLE DATE:	INFLUENT SAMPLE RESULTS				
3/23/2018		ND / < 1.0	< 5.3	ND / <2.0	680

SAMPLE DATE:	INDIVIDUAL EFFLUENT SAMPLE RESULTS				
3/15/18	867 gal	ND / <1.0	ND / <5.0	ND / <2.0	ND / < 590
3/23/18	205 gal	ND / <1.0	ND / <5.0	ND / <2.0	ND / < 580
FLOW TOTAL:	1071.6 gal				
AVERAGE:	535.8 gall	ND / <1.0	ND / <5.0	ND / <2.0	ND / < 585

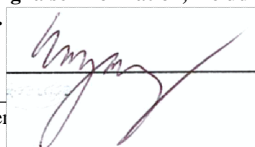
- General Permit 3-9004 **and** General Permit 3-9016 = Effluent discharges lasting less than two weeks in duration shall be sampled a minimum of two times for those parameters listed above. Influent shall be sampled a minimum of one time.
- If sample results indicate that the effluent does not meet limits, take an additional effluent sample within 3 business days of receiving the results.
- Flow shall be measured as the total gallons discharged since the last meter reading. Flows may be measured or estimated by use of integrating timers on pumps, or by use of a weir or flume and a continuous recording flow meter.
- * **TPH monitoring is required if the source is diesel, heating oil, kerosene, and or jet fuel.**

COMMENT AND EXPLANATION OF ANY VIOLATIONS: (Reference all attachments here)

Prepared by: Chris Page PRINT: Christopher Page Phone: 802 860 9400 x104

I certify under penalty of law that I have personally examined and am familiar with the information submitted herein. Based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Approved by: _____
(Authorized Agent)



Mail report form to:

Data Clerk
Watershed Management Division
One National Life Drive
Montpelier VT 05620-3522

Do not attach lab sheets. Retain them as required in Part III.H.