

AGENCY OF NATURAL RESOURCES
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
WATERSHED MANAGEMENT DIVISION
ONE NATIONAL LIFE DRIVE, MAIN BUILDING, 2ND FLOOR
MONTPELIER, VT 05620-3522

FACT SHEET
(April 2016)

DRAFT PRETREATMENT DISCHARGE PERMIT AMENDMENT

PERMIT NO: 3-1553
PROJECT ID NO: BR97-0075

NAME AND ADDRESS OF APPLICANT:

The Alchemist (Alchemy Canning, Ltd.)
35 Crossroad
Waterbury, Vermont 05676

NAME AND ADDRESS OF FACILITY WHERE DISCHARGE OCCURS:

The Alchemist (Alchemy Canning, Ltd.)
35 Crossroad
Waterbury, Vermont 05676

RECEIVING MUNICIPAL WASTEWATER TREATMENT FACILITY:

Village of Waterbury Wastewater Treatment Facility
Waterbury, Vermont

I. Proposed Action, Type of Facility, and Discharge Location

The Vermont Agency of Natural Resources (Agency) received an application to amend a pretreatment permit to discharge to the designated municipal wastewater treatment facility from the above named applicant on March 25, 2016. The facility brews and packages beer. The discharge is from the facility to the municipal sewer system. The applicant has requested a reduction in the frequency of pH monitoring from daily to three times a week to occur on production days. No other changes are requested.

II. Description of Discharge

A quantitative description of the discharge in terms of significant effluent parameters is based on state and federal laws and regulations, the discharge permit application, and the recent self-monitoring data.

III. Limitations and Conditions

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The effluent limitations of the permit, the monitoring requirements, and any implementation schedule (if required), may be found on the following pages of the permit:

Effluent Limitations: Page 2 of 13
Monitoring Requirements: Pages 2-3 and 4-5 of 13

IV. Basis and Explanation of Effluent Limitation Derivation

The Alchemist (Alchemy Canning, Ltd.) operates a brewery on Crossroad, Waterbury, VT and discharges process wastewater generated from the brewing and packaging of beer to the Village of Waterbury Wastewater Treatment Facility (WWTF) via the municipal sewer system.

High strength waste, such as mash, returned beer, first rinses, etc., is collected through pollution prevention Best Management Practices (BMPs) and transported off-site for agricultural purposes.

Flow – The effluent flow limitation is 3,000 gallons per day, monthly average. This limitation is based on the flow allocated to this facility from the Village of Waterbury. Total daily flow reporting is required.

Biochemical Oxygen Demand (BOD₅) – The BOD limit is 75.2 lbs per day, monthly average. This limit is based on the organic treatment capacity allocated to this facility from the Village of Waterbury and is within the organic treatment capacity of the WWTF. This limit has been determined to be achievable by the brewery based on production levels and pollution prevention BMPs. BOD shall be monitored once per week.

pH – A pH limitation of 5.0 – 9.5 Standard Units is proposed and is consistent with the Village of Waterbury Sewer Use Ordinance. The proposed monitoring requirement in this amendment is three times per week. The current permit had a requirement to monitor pH daily. The permittee occasionally discharges small volumes of wastewater on weekends. This discharge is not the result of beer production. *Due to the nature of the discharge and because the permittee has had no pH violations in the past 12 months the monitoring frequency has been reduced to sampling 3 days per week and will fall on production days.*

V. Procedures for Formulation of Final Determinations

The public comment period for receiving comments on this draft permit is from **April 18 through May 18, 2016** during which time interested persons may submit their written views on the draft permit. All written comments received by 4:30 PM on **May 18, 2016** will be retained by the Agency and considered in the formulation of the final determination to issue, deny or modify the draft permit. The period of comment may be extended at the discretion of the Agency.

Written comments should be sent to: Vermont Agency of Natural Resources
Department of Environmental Conservation
Watershed Management Division
1 National Life Drive, Main-2
Montpelier, VT 05620-3522

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Comments may also be faxed to: 802-828-1544 or submitted by e-mail using the e-mail comment provisions included at <http://www.watershedmanagement.vt.gov/>

Any interested person or groups of persons may request or petition for a public hearing with respect to this draft permit. Any such request or petition for a public hearing shall be filed within the public comment period described above and shall indicate the interest of the party filing such request and the reasons why a hearing is warranted.

The Agency will hold a hearing if there is significant public interest in holding such a hearing. Any public hearing brought in response to such a request or petition will be held in the geographical area of the proposed discharge or other appropriate area, at the discretion of the Agency and may, as appropriate, consider related groups of draft permits. Any person may submit oral or written statements and data concerning the draft permit at the public hearing. The Agency may establish reasonable limits on the time allowed for oral statements and may require the submission of statements in writing. All statements, comments, and data presented at the public hearing will be retained by the Agency and considered in the formulation of the final determination to issue, deny, or modify the draft permit.

The complete application, proposed permit, and other information are on file and may be inspected by appointment on the 2nd floor of the Main Building at One National Life Drive, Montpelier, Vermont. Copies, obtained by calling 802-828-1535 from 7:45 AM to 4:30 PM Monday through Friday, will be made at a cost based upon the current Secretary of State Official Fee Schedule for Copying Public Records. The draft permit and fact sheet may also be viewed on the Division's website at <http://www.watershedmanagement.vt.gov/>