

TOWN OF ESSEX CERTIFICATE OF OCCUPANCY APPLICATION

DATE OF REQUEST:

FEE: \$85.00

pd

(includes recording)

MAP/PARCEL/LOT: 072-006-000

NO. 2011-186

The undersigned herewith requests an inspection of the premises and the issuance of "Certificate of Occupancy" of premises, or portion thereof, for use or habitation.

This request is for use only of existing land or buildings.

This request is for new construction or rehabilitated or altered structure which was done under authority of zoning permit # 2011-186

issued to Black Bay Ventures on 11/22/2011

Premises are at 26 Thompson Drive

Water service installation inspected and approved by N/A

Driveway location inspected and approved by N/A

Sanitary sewer connection or septic system inspected and approved by:

Name: _____ Date: N/A

Construction was begun Dec, 20 11 and completed June, 20 12

Approval granted by _____ P.C. or Z.B.A. on _____, 20 ____.

Use of premises intended Commercial fit up for a 15'x20' pilot room
(type of use) (using existing warehouse floor area)

Applicant's Signature: [Signature] Telephone: 857-4655 Cell: _____

By issuance of this Occupancy Permit, the Town of Essex Zoning Administrator hereby acknowledges that the use and/or building construction is in complete conformity with the Zoning Regulations, unless otherwise noted. Field measurements and similar dimensions for setbacks are based in part on evidence supplied by owner. The Town of Essex is not liable for errors or mistakes when it is found that information submitted by the applicant is erroneous or inaccurate.

Certificate of Occupancy has been approved with _____ without conditions.
If with conditions, see attachment outlining same.

Certificate of Occupancy denied _____. Please see attachment with reasons for denial.

6/6/12
Date Sharon L. Kelley
Zoning Administrator



Vermont Department of Public Safety
DIVISION OF FIRE SAFETY



Office of the State Fire Marshal, State Fire Academy and State Haz-Mat Team
 firesafety.vermont.gov

Barre Regional Office
 1311 U.S. Route 302 - Berlin, Suite 500
 Barre, VT 05641
 [phone] 802-479-4434
 [fax] 802-479-4446

Rutland Regional Office
 56 Howe Street, Building A, Suite 200
 Rutland, VT 05701-3449
 [phone] 802-786-5867
 [fax] 802-786-5872

Williston Regional Office
 372 Hurricane Lane, Suite 102
 Williston, VT 05495-2080
 [phone] 802-879-2300
 [fax] 802-879-2312

Springfield Regional Office
 100 Mineral Street, Suite 307
 Springfield, VT 05156-3168
 [phone] 802-885-8883
 [fax] 802-885-8885

FIRE INSPECTION RESULTS

Site Id: 10285

Structure Information

Name: AUTUMN HARP (FORMER BELDEN WIRE & CABLE) Address: 26 THOMPSON DRIVE
 Structure Id: 10285 ESSEX JCT, VT 05452

Owner Information

Owner: BELDEN WIRE & CABLE CO (N 2812) Address: 26 THOMPSON DRIVE
 Phone: 802-878-3500 ESSEX JCT, VT 05452-3405

Building Description

Risk Index: H3	Smoke Det: Yes	Occupants:	Units: 1
Const Type: 2B	CO Detect: No	Stand Pipe:	Floors: 2
Occ Type: F	Fire Alarm: Automatic	Sprinkler: Complete	Sq Feet: 76900

Project Description

Name: ESSEX (RENOVATION / NEW EQUIPMENT 2009)
 Type: Building Project Received: 03/30/2009 Workitem Id: 284395

Inspection Detail

Insp Date: 06/04/2012	Insp Type: Occupancy	Violations: 1
Comply By: 07/04/2012	Occ Granted: Yes	Hazard Index: Level 1
Inspector: CHRIS A BOYD (S 58514)		
With: Glenn Bruno		

Violations and Notes

This is a final inspection of the work completed under this permit. There is one sprinkler head missing it's eschusion cover that must have the cover installed. No other violations noted.
 occupancy granted.

FILE



TOWN OF ESSEX VERMONT

81 MAIN STREET, ESSEX JUNCTION, VERMONT 05452
Fax: 878-1353 • E-mail: manager@essex.org • Website: www.essex.org

May 14, 2012

Autumn Harp Inc.
Attn: Glenn Bruno
26 Thompson Drive
Essex Junction, VT 05452

*4/6/12
this is being
addressed by
Vandover
(Signature)*

Re: Sewer Use Ordinance
****Violation****

Dear Mr. Bruno;

It has been brought to my attention that the sewer manhole directly in front of your facility at 26 Thompson Drive is backing up with Fats, Oils, and Grease, FOG, from your process wastewater again. This has been an ongoing issue for the past few years now. Each time, Autumn Harp has responded quickly to address the Town's concerns and cleans the Town's sewer lines along Thompson Drive that have been impacted. The Town appreciates the prompt and professional manor in which these previous incidents have been addressed. However, it is the opinion of this office that Autumn Harps process water discharged to the Town's sewer system must meet the minimum standards in the Sewer Use Ordinance, Chapter 10.16.

Therefore, this letter is notification that Autumn Harp is currently in violation of the Town of Essex Sewer Use Ordinance, and has 90 calendar days to bring the wastewater discharge into conformance with Chapter 10.16 of the Sewer Use Ordinance. Please note, the grease issue is also violating condition No. 6 of Site Plan Amendment PC2009-5. It is critical that Autumn Harp take the following actions to address the current violation immediately.

1. The sanitary sewer lines down stream of Autumn Harp's service connection along Thompson Drive to the intersection of Allen Martin Drive must be cleaned of all fat and grease build up. Town staff will inspect the infrastructure downstream and access the need for further cleaning. Further testing to confirm the extent of the FOG build up in sewer lines downstream, caused by Autumn Harps process is currently under way.
2. Monthly testing of the process wastewater discharged to the Town's sewer system from Autumn Harp will be required until further notice. The tests and samples must be taken and performed by a certified testing laboratory. The Town of Essex has been in contact with Harry Locker, PhD., from Endyne Inc. to discuss testing

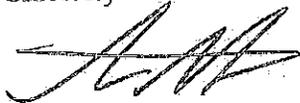
TOWN MANAGER	PARKS AND RECREATION	COMMUNITY DEVELOPMENT	PUBLIC WORKS	ASSESSOR	FINANCE	TOWN CLERK	LIBRARY	POLICE
878-1341	878-1342	878-1343	878-1344	878-1345	878-1359	879-0413	879-0313	878-8331

procedures for FOG. The accepted limit for FOG discharge to a municipal sewer is 100 mg/l. The only method that will be accepted by the Town for FOG testing is EPA Method 1664A, no exceptions. It was also suggested that temperature could also be a contributing factor. All testing must be submitted to the Town of Essex for review each month.

3. A pretreatment solution and design must be provided to the Public Works office for review within 60 calendar Days of this letter.

The Town of Essex will work with Autumn Harp to find the best reasonable solution for the current grease problem. If you have any questions or comments regarding the content of this letter, please contact the Public Works office at (802) 878-1344.

Sincerely



Aaron Martin, P.E.
Utilities Director / Assistant Town Engineer

Attachments

Cc: Dennis Lutz, P.E., Public Works Director / Town Engineer
Jim Jutras, EJWWTP Water Quality Superintendent
Sharon Kelley, Town Zoning Administrator
Trevor Lashua, Assistant Town Manager
File

discharged on approval of the manager.
(Ord. passed 5/5/97 Art. V, § 2)

10.16.300 Discharge of certain waters or wastes prohibited.

No person shall discharge or cause to be discharged any of the following described waters or wastes to any public sewers:

- A. Any gasoline, benzene, naphtha, fuel oil or other flammable or explosive liquid, solid or gas;
- B. Any waters or wastes containing toxic or poisonous solids, liquids or gases in sufficient quantity, either singly or by interaction with other wastes, to injure or interfere with any sewage treatment process, constitute a hazard to humans or animals, create a public nuisance, or create any hazard in the receiving waters of the sewage treatment plant;
- C. Any waters or wastes having a pH lower than 5.0 or having any other corrosive property capable of causing damage or hazard to structures, equipment and personnel of the sewage works;
- D. Solid or viscous substances in quantities or of such size capable of causing obstruction of the flow in sewers, or other interference with the proper operation of the sewage works such as, but not limited to, ashes, cinders, sand mud, straw, shavings, metal glass, rags, feathers, tar, plastics, wood,

10.16.290

unground garbage, whole blood, paunch manure, hair and fleshings, entrails and paper dishes, cups, milk containers, and other paper or fiber containers, either whole or ground by garbage grinders. (Ord passed 5/5/97 Art. V, § 3)

10.16.310 Discharge of certain substances prohibited

No person shall discharge or cause to be discharged the following described substances, materials, water or wastes if it appears likely in the opinion of the manager that such wastes can harm either the sewers, sewage treatment process or equipment, have an adverse effect on the receiving stream, or can otherwise endanger life, health, public property, or constitute a nuisance. In forming an opinion as to the acceptability of these wastes, the manager will give consideration to such factors as the quantities of subject wastes in relation to flows and velocities in the sewers, materials of construction of the sewers, nature of the sewage treatment process, capacity of the sewage treatment plant, degree of treatability of wastes in the sewage treatment plant, prevailing state and federal regulations and other pertinent factors. The substances prohibited are:

- A. Any liquid or vapor having a temperature higher than one hundred fifty degrees Fahrenheit (sixty-five degrees Celsius);
- B. Any water or waste containing fats, wax, grease or oils, whether emulsified or not, in excess of one hundred mg/l or containing substances

which may solidify or become viscous at temperatures between thirty-two and one hundred fifty degrees Fahrenheit

(between zero and six degrees Celsius);

C. Any garbage that has not been properly shredded. The installation and operation of any garbage grinder equipped with a motor of three-fourths horsepower (0.76 hp metric) or greater shall be subject to the review and approval of the manager;

D. Any waters or wastes containing strong acid iron pickling wastes, or concentrated plating solutions whether neutralized or not;

E. Any waters or wastes containing iron, chromium, copper, zinc and similar objectionable or toxic substances, or wastes exerting an excessive chlorine requirement, to such degree that any such material received in the composite sewage at the sewage treatment works exceeds the limits established by the manager for such materials;

F. Any waters or wastes containing phenols or other taste or odor producing substances, in such concentrations exceeding limits which may be established by the manager as necessary, after treatment of the composite sewage to meet the requirements of the state, federal and other public agencies having jurisdiction for such discharge to the receiving waters;

G. Any radioactive wastes or isotopes of such half-life or concentration as may exceed limits established by the manager in compliance with applicable state or federal regulations;

H. Any waters or wastes having a pH in excess of 9.5;

I. Materials which exert or cause;

1. Unusual concentrations of inert suspended solids (such as, but not limited to, Fullers earth, lime slurries and lime residues) or of dissolved solids (such as, but not limited to sodium chloride and sodium sulfate),
2. Excessive discoloration (such as, but not limited to dye wastes and vegetable tanning solutions),
3. Unusual BOD, chemical oxygen demand, or chlorine requirements in such quantities as to constitute a significant load on the sewage treatment works or which may cause the effluent limitations of the discharge permit to be exceeded,
4. Unusual volume of flow or concentration of wastes such as "slugs" as defined in this chapter;

J. Waters or wastes containing substances which are not amenable to treatment of reduction by the sewage treatment processes employed, or are amenable to treatment only to such degree that the sewage treatment plant effluent cannot meet the requirements of other agencies having jurisdiction over discharge to the receiving waters.

(Ord passed 5/5/97 Art. V, § 4)

10.16.320 Authority of manager to reject wastes or impose additional controls.

If any waters or wastes are discharged, or are proposed to be

discharged to the public sewers, which waters contain the substances or possess the characteristics enumerated in Section 10.16.310 of this article, and which in the judgement of the manager, may have a deleterious effect upon the sewage works, processes, equipment or receiving waters, or which otherwise create a hazard to life, health or constitute a public nuisance, the manager may:

- A. Reject the wastes;
- B. Require pretreatment to an acceptable condition for discharge to the public sewers;
- C. Require control over the quantities and rates of discharge.

If the town permits the pretreatment or equalization of waste flows, the design and installation of the plants and equipment shall be subject to the review and approval of the town board of sewage commissioners and health officer, and subject to the requirements of all applicable codes, ordinances and laws and to the municipal discharge permit. Further, such pretreatment installations must be consistent with the requirements of any state pretreatment permit issued to the industry. (Ord. passed 5/5/97 Art. V, § 5)

10.16.330 Grease, oil, hair and sand interceptors.

A. Grease oil, hair and sand interceptors shall be provided when, in the opinion of the town, they are necessary for the proper handling of liquid wastes containing grease in excessive amounts, or any flammable wastes, sand and other harmful

10.16.320

ingredients; except that such interceptor shall not be required for private living quarters or dwelling units. All interceptors shall be of a type and capacity approved by the town and shall be located as to be readily and easily accessible for cleaning and inspection.

B. Grease and oil interceptors shall be constructed of impervious materials capable of withstanding abrupt and extreme changes in temperature. They shall be of substantial construction, watertight and equipped with easily removable covers which, when bolted in place shall be gastight and watertight.

C. Where installed, all grease, oil hair and sand interceptors shall be maintained by the owner, at his/her expense, in continuously efficient operation at all times. Material collected shall not be reintroduced into the public sewerage system. The owner shall provide the town with records of cleaning, maintenance and inspection as deemed necessary by the manager. (Ord. passed 5/5/97 Art, V §§ 6-8)

10.16.340 Treatment or flow-equalizing facilities – Maintenance responsibility.

Where preliminary treatment of flow equalizing facilities are provided for any waters or wastes, they shall be maintained continuously in satisfactory and effective operations by the owner at his/her expense. (Ord. passed 5/5/97 Art. V, § 9)

10.16.350 Control manholes

When required by the manager, the owner of any property serviced by a building sewer carrying industrial wastes shall install a suitable control manhole together with such necessary meters, or other appurtenances in the building sewer to facilitate observation, sampling, and measurement of the wastes. Such manhole, when required, shall be accessible and safely located, and shall be constructed in accordance with plans approved at the owner's expense, and shall be maintained by the owner so as to be safe and accessible at all times. (Ord. passed 5/5/97 Art. V, § 10(part))

10.16.360 Monitoring of discharges ---

All industries discharging into a public sewer shall perform such monitoring of their discharges as the manager may reasonably require, including installation, use and maintenance of monitoring equipment, keeping records and reporting the results of such monitoring to the manager. Such records shall be made available, upon request, by the manager, to other agencies having jurisdiction over discharges to the receiving waters. Where industrial pretreatment permits are issued by the State of Vermont, monitoring records must be also be submitted to the Secretary in accordance with such permit. Records of any monitoring will be supplied by the manager to the secretary on request. (Ord. passed 5/5/97 Art, V §10 (part))

10.16.370 Measurements, tests and analyses - - Methods

All measurements, tests, and analyses of the characteristics of waters and wastes to which reference is made in this chapter shall be determined in accordance with the latest edition of "Standard Methods for the Examination of Water and Wastewater" published by the American Public Health Association, and shall be determined at the control manhole provided, or upon suitable samples taken at such control manhole. In the event that no special manhole has been required, the control manhole shall be considered to be the nearest downstream manhole in the public sewer to the point at which the building sewer is connected. Sampling shall be carried out by customarily accepted methods to reflect the effect of constituents upon the sewage works and to determine the existence of hazards to life, limb and property. (The particular analyses involved will determine whether a twenty four-hour composite of all outfalls of a premises is appropriate or whether a grab sample or samples should be taken.) Normally, but not always, BOD and suspended solids analyses are obtained from twenty-four-hour composites of all outfalls whereas pH's are determined from periodic grab samples. (Ord. passed 5/5/97 Art, V § 11)

10.16.380 Termination of disposal authorization for violation.

Any industry held in violation of the provisions of this chapter may have its disposal authorization terminated. (Ord. passed 5/5/97 Art. V, § 12)

charges ascertained.

6. The applicant shall maintain its onsite waste treatment systems in conformance with the manufacturer's requirements and maintain records regarding periodic maintenance of the wastewater treatment system. All wastewater discharges from the site directed into the Town's wastewater collection system shall at a minimum meet the standards contained in the Town's Sewer Ordinance. In addition, the Town shall periodically inspect the downstream manholes to identify any build-up of oil, grease or other similar waste products which relate to the type of wastes discharged from the Autumn Harp facility. In the event that the Town makes a determination, based upon observation and testing, that the facility is contributing waste that does not meet the Town standards, the Town may require the applicant to provide additional treatment, pay a wastewater surcharge cost or a combination of both. Also, the applicant shall be responsible for cleaning of lines and downstream manholes, when build-up of oils, waxes and grease occur that are directly related to the discharge from their facility. In addition, the Town may also require testing of wastewater effluent on a reasonable schedule (quarterly) for specific constituents to insure compliance with the Town standards.
7. Prior to the issuance of a Zoning Permit, the applicant shall submit copies of any required State sewer and water permits.
8. The applicant shall maintain year-round access for fire access.
9. The building shall meet all requirements for life safety set forth by the State Fire Marshall's Office.
10. All proposed exterior lighting shall be installed and shielded in such a manner as to conceal light sources and reflector/refractor surfaces from view beyond the perimeter of the area to be illuminated. No wall mounted lights or additional lights beyond those shown on the approved Site Plan shall be installed on the site without Planning Commission approval. All light fixtures shall be complete cutoffs with an illumination angle of no more than 90° from the pole/wall. Prior to the issuance of a Zoning Permit, revised plans showing the exact locations of all new lighting fixtures shall be submitted, along with lighting cut sheets.
11. As-built drawings shall be submitted prior to the issuance of a Certificate of Occupancy.
12. All conditions from previous approvals shall remain in effect as they may still apply.
13. By acceptance of the conditions of this approval without appeal, the applicant confirms and agrees for itself and all assigns and successors in interest that the conditions of this approval shall run with the land and the land uses herein permitted, and will be binding