

**Vermont Agency of Agriculture, Food & Markets
Application for Mosquito Larvicide Permit**

PERMIT APPLICATION #

| | | |
|--|---|--|
| 1. Applicant: FIRST BRANDON/LEICESTER/SALISBURY/GOSHEN INSECT CONTROL DISTRICT | | |
| Street Address: 31 HOLLOW RD. (PO BOX188) | | |
| Town: BRANDON | State: | VERMONT Zip: 05733 |
| Telephone Number: 802-247-6779 ; 802-236-5916 | | |
| Contact Person (if different from Applicant): DR. BENJAMIN F.LAWTON Jr.,CHAIRMAN BLSG | | |
| 2. Name of Waterbody: DRAINAGE & FLOOD PLAINS OF OTTER CREEK,LEICESTER RIVER,NESHOBE RIVERSTAGNANT SURFACE WATERS,DITCHES,SNOW POLLS,SURFACE DEPRESSIONS,SWALES,andAGRICULTURAL FIELD POOLS | | |
| County: ADDISON/RUTLAND TOWNS: BRANDON,LEICESTER,SALISBURY,GOSHEN,PITTSFORD | | |
| Is the water body wholly contained on applicant's property? <input type="checkbox"/> yes <input checked="" type="checkbox"/> no | | |
| 3. Total acreage to be treated: UP TO 7000ACERS | 4. Requested Larvicide(s) (Name and EPA number): SEE ATTACHED LIST:EXHIBITS A,B,C,D SEE ENCLOSED LETTER 4/1/2016 | 5. Proposed dates of treatment: VARIOUS-APRIL 15- SEPTEMBER30 ,asDETERMINED by SAMPLING AND DEPT. OF AGRICULTURE,STATE of VERMONT |
| 6. Method of Application: AERIAL APPLICATION,HELICOPTER OR FIXED WING;GROUND,HAND,andARGO | | |
| 7. Uses in waterbody: DIVERSE <input checked="" type="checkbox"/> Boating <input checked="" type="checkbox"/> Swimming <input checked="" type="checkbox"/> Fishing <input checked="" type="checkbox"/> Livestock, Watering <input checked="" type="checkbox"/> Other | 8. Is the water used as a water supply? <input type="checkbox"/> yes <input checked="" type="checkbox"/> no Type: <input checked="" type="checkbox"/> Private <input type="checkbox"/> Public | |
| 9. VT Applicator's Certificate Number: BLSG #1536 | 10. Attach a sketch or appropriate map of the proposed treatment site(s): SEE ATTACHED MAP | |
| 11. The Applicant agrees to and accepts the following statements: 1. The sole responsibility for any damage that may result from inaccurate computations and/or improper application of the product falls on both the applicator and the applicant. 2. Applicant must apply the product in compliance with all label conditions. 3. Applicant must guarantee to hold the state harmless from all suits, claims or causes of action that arise from the use of the product. | | |
| 12. I certify that the information in this application is true and accurate. B.F.LAWTON,CHAIRMAN FOR BLSG BOARD | | |
| Applicant's Signature: | | Date: APRIL 1, 2016 |

Submit Applications to: VAAFM

Larvicide Permits , ATT GARY GIGUERE
116 State Street
Drawer 20, Montpelier, VT 05620-2901

Exhibit A

| Active Ingredient | Product Name | EPA Reg. # | Conditions |
|--|-------------------------|----------------|--|
| <i>Bacillus thuringiensis</i> subsp. <i>israelensis</i> | VectoBac® G | 275-50 | Areas of temporary or stagnant surface water which constitute mosquito breeding areas with the exemption of those areas within a 200 foot buffer of a public water supply wellhead. Two hundred foot buffers may also be requested for a private water supply. |
| | VectoBac® CG | 275-70 | |
| | VectoBac® 12AS | 73049-38 | |
| | Summit B.t.i. Briquets® | 6218-47 | |
| <i>Bacillus sphaericus</i> | VectoLex® CG | 275-77 | |
| | VectoLex® WDG | 73049-57 | |
| Methoprene | Altosid® SBG | 2724-489 | Applications of Methoprene are to be made in areas that need residual control. Applications of Briquets are to be by hand drop only, and only to ditches and surface depressions that collect snowmelt or rainfall to create temporary surface pools. Formulations of methoprene may only be aerially applied a maximum of two times per year to areas not directly influenced by floodwaters. |
| | Altosid® Briquets | 2724-375 | |
| | Altosid® XR-G | 2724-451 | |
| | Altosid® Liquid | 2724-392-64833 | |
| Poly(oxy-1,2-ethanediyl), α -isooctadecyl- ω -hydroxyl | Agnique® | 53263-28 | Applications may be made only as a rescue treatment for the control of mosquito pupae. Agnique® shall only be used in small stagnant areas such as drainage ditches, puddles, detention basins, swales and agricultural field pools that do not actively drain to surface waters. |

Exhibit B

| Active Ingredient | Product Name | EPA Reg. # | Conditions |
|---|-------------------------|------------|--|
| <i>Bacillus thuringiensis</i> subsp. <i>israelensis</i> | VectoBac7 G | 73049-10 | Areas of temporary or stagnant surface water which constitute mosquito breeding areas with the exemption of those areas within a 200 foot buffer of a public water supply wellhead. Two hundred foot buffers may also be requested for a private water supply. |
| | VectoBac7 CG | 73049-19 | |
| | VectoBac7 12AS | 73049-38 | |
| | VectoBac7 WDG | 73049-57 | |
| | Summit B.t.i. Briquets7 | 6218-47 | |
| <i>Bacillus sphaericus</i> | VectoLex7 CG | 73049-20 | |
| | VectoLex7 WDG | 73049-57 | |
| Methoprene | Altosid7 SBG | 2724-489 | Applications of Methoprene are to be made in areas that need residual control. Applications of Briquets are to be by hand drop only, and only to ditches and surface depressions that collect snowmelt or rainfall to create temporary surface pools. Formulations of methoprene may only be aerially applied a maximum of two times per year to areas not directly influenced by floodwaters. |
| | Altosid7 XR | 2724-421 | |
| | Altosid7 Briquets | 2724-375 | |
| | Altosid7 XR-G | 2724-451 | |
| | Altosid7 Liquid | 2724-392 | |
| | Altosid7 LLC | 2724-446 | |
| | Altosid7 Pellets | 2724-448 | |
| | Altosid7 WSP | 2724-448 | |

From: **Ben Lawton Jr** doctorben2@aol.com
Subject: **Additional Larvicide products for our renewal application**
Date: Today at 10:36 PM 4/1/2016
To: **Cary Giguere** Cary.Giguere@state.vt.us, **Razelle.Hoffman@vermont.gov**, **Tim Schmalz** Tim.Schmalz@state.vt.us

Cary

Please add the following:

Four star BTI briquettes 45 day#83362-3

Four-star BTI brick at 150 day#83362-3

It is also my understanding that VPAC approved Cocobear oil and Aquabac 200
G, ^{which} ~~we~~ should also be added to our permit

Thank you

Ben Lawton .Chairman BLSG

Sent from my iPhone

Exhibit C

| Active Ingredient | Product Name | EPA Reg. # | Conditions |
|--|--------------|------------|---|
| Poly(oxy-1,2-ethanediyl), α -isooctadecyl- ω -hydroxyl | Agnique7 | 53263-28 | Applications may be made only as a rescue treatment for the control of mosquito pupae. Agnique7 shall only be used in small stagnant areas such as drainage ditches, puddles, detention basins, swales and agricultural field pools that do not actively drain to surface waters. |
| Spinosad | Natular G | 8329-80 | Areas of temporary or stagnant surface water which constitute mosquito breeding areas with the exemption of those areas within a 200 foot buffer of a public water supply wellhead. Two hundred foot buffers may also be requested for a private water supply. |

Products

EPA Reg. Number

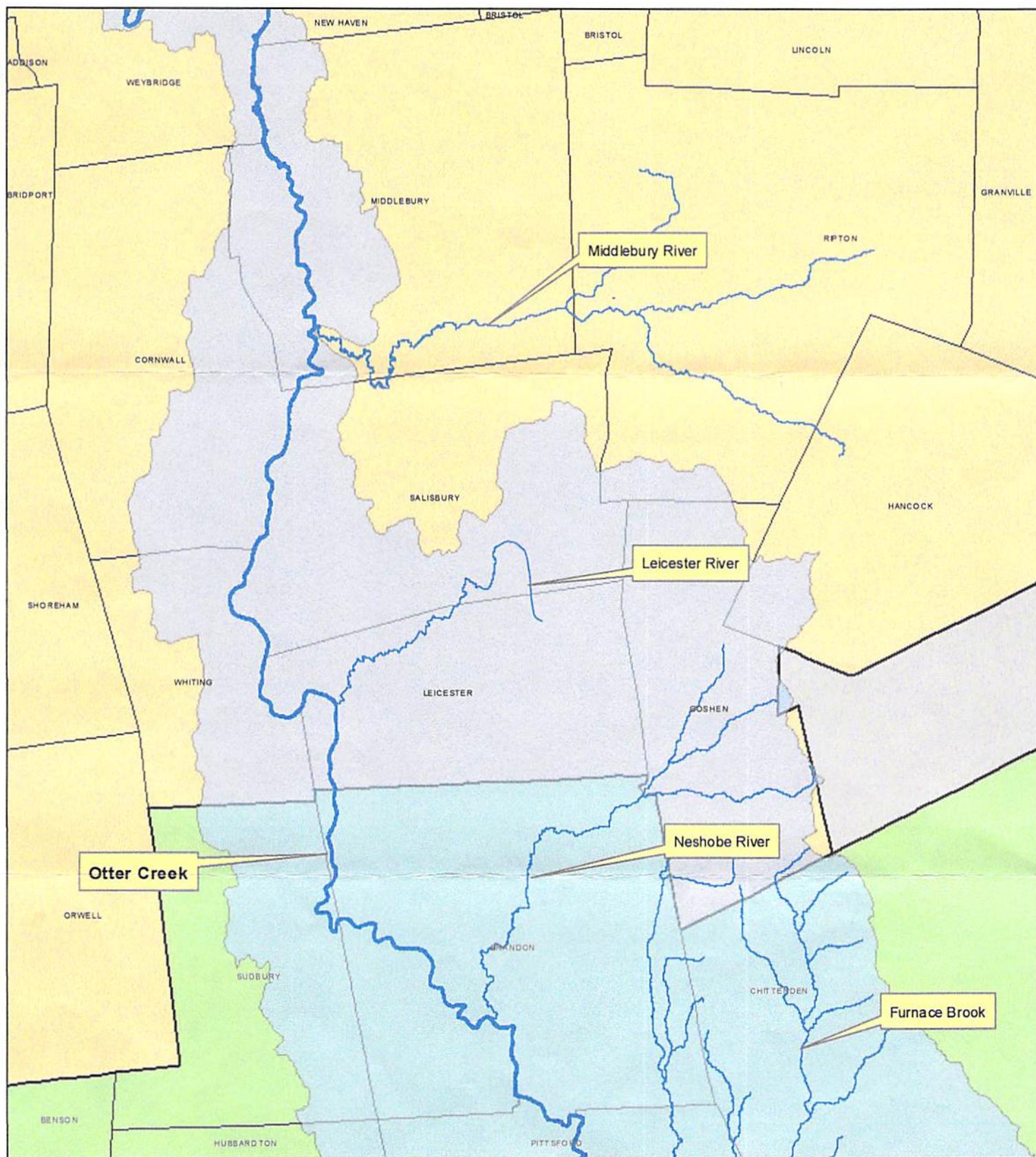
Exhibit D

| | |
|-----------------------------------|----------|
| Altosid Liquid Concentrate | 2724-446 |
| Altosid Pellets | 2724-448 |
| Altosid Liquid Larvicide | 2724-392 |
| Vectobac 12AS | 73049-38 |
| Vectobac CG | 73049-19 |
| Vectobac G | 73049-10 |
| Vectobac WDG | 73049-56 |
| Vectolex WDG Biological Larvicide | 73049-57 |
| Vectolex WSP Biological Larvicide | 73049-20 |

7d
3-A potential
7d

Altosid 712-6
212 51104 112

Otter Creek: Mainstem and Major Tributaries Brandon to Middlebury



5 2.5 0 5 Miles

1 inch = 2.5 miles

Map Author: Michelle Smith, VACD LTP Tech
Map Produced: April 27, 2015



| Legend | |
|--------|-----------------------|
| | Otter Creek Mainstem |
| | Otter Creek Watershed |
| | VT County Boundaries |