



Individual Permit Application

For a Lake Encroachment Permit under

Chapter 11 of Title 29, § 401 *et seq.*



For Lake Encroachment Permitting Use Only

Application Number: **2137-LP**

Submission of this application constitutes notice that the person in Section B intends to encroach beyond the mean water level of a lake or pond, and certifies that the project will comply with Chapter 11 of Title 29, § 401 *et seq.* All information required on this form must be provided, and the requisite fees (Section I) must be submitted made payable to the State of Vermont, to be deemed complete.

A. Project Information

1. Physical Address (911 Address): 982 West Lakeshore Drive

2a. Town- County: Colchester - Chittenden



2b. Zip: 05446

3. **Span** (School Parcel Account Number is required for your application to be deemed complete. It can be obtained from your property tax bill. If you cannot locate your property tax bill, please obtain this information from your Town Clerk)

4. Name of Lake/Pond: Champlain Lake (Mallets Bay) - Colchester



5. Have you ever applied for a permit with the Department of Environmental Conservation associated with this parcel? Yes No

B. Applicant (Landowner if applicable) Contact Information

1. Name: Champlain Marina, Inc

2a. Mailing Address: P.O. Box 168

2b. Town: Colchester

2c. State: Vt

2d. Zip: 05446

3. Phone: 802-658-4034

4. Email: bruce@champlainmarina.com

C. Application Preparer Contact Information:

1. Name: Bruce Deming

2a. Mailing Address: P.O. Box 168

2b. Town: Colchester

2c. State: Vt

2d. Zip: 05446

3. Phone: 802-658-4034

4. Email: bruce@champlainmarina.com

D. Abutting Land Owners

Using the abutter addendum available on dec.vermont.gov, attach a list of land owners who abut the proposed project.

E. Project Description

1. Describe the proposed project including the description of the materials and mechanical equipment which may be used during construction and the anticipated work schedule. Identify whether or not the project includes placement or removal of fill and if so, specify the number of cubic yards of fill or dredged materials to be placed or removed beyond the shoreline at mean water level.

Excavation of lake bottom to remove medium dense gray silt and fine sand in area of existing launching pier, service dock and entrance to service dock. The dredging will involve approximately 2200 square feet of area. De-watering of the dredging material will be via discharge into the lake with in an area enclosed by a geotextile filter curtain. Dredged material shall be disposed of properly at an upland , non-wetland site. Approx 400 cubic yards of silt and fine sand will be removed.

The project description of initially dewatering dredged material within the geotextile filter curtain mirrors standard language used by VT Fish and Wildlife Department. Dredged material will be loaded onto dumptruck for transport to an upland site. mbs 9/14/16.

2. Describe the purpose of the proposed project:

The existing facility has been in operation for 40 years. Gradual silting of the area has made it difficult, unsafe or impossible to service (hauling, fuel, pumpout,) boats at a water level of <95 asl. At this water level some sailboats ground out before getting to the service dock or hauling pier. Some larger power boats churn up sediment entering and exiting the service area.

3. Describe what less intrusive feasible alternatives have been considered:

~~No less intrusive or feasible is available. Use of the geotextile sediment curtain will contain any turbidity within the dredging area.~~

Dredged material will be loaded onto dumptruck for transport to an upland site.
mbs 9/14/16

4. Describe the public benefits of the proposed project:

After the dredging the public will be able to safely utilize the services of Champlain Marina. Currently boats attempting to traverse the area are creating turbidity which is not contained.

Dredging will reduce turbidity currently occurring from boat propeller wash stirring up shallow bottom sediments. mbs 9/14/16

F. Encroachment Effects (describe how the proposed project will affect the following)

1. What measures are proposed to minimize the project's effects on water quality (e.g., use of a turbidity curtain)?
The geotextile curtain will be installed around the project area. It will remain in place until the turbidity has subsided. Oil absorbing boom will be floated in the area to absorb and contain any petroleum product that may find its way into the water (excavator lubricant etc.)

2. How will the project minimize effects to fish and wildlife habitat (e.g., project is not to commence until after fish spawning July 1 of any calendar year)?

The excavation will take place in an area of high activity (boat movement) It is unlikely this will negatively impact any habitat.

3. Does the project propose removal of aquatic or shoreline vegetation? If so, what measures are proposed to reduce the effects of vegetation removal?

All work will be done below OLW. No vegetation, or shoreline will be impacted.

4. Describe the surrounding shoreline. Is the project consistent with these surroundings? What measures are proposed to ensure the project is in-keeping with the surroundings?

This project involves the removal of material below OLW. It will not be visible to , and will not change the surrounding area. Dredging is a common maintenance issue for maintaining facility operations as well as improving navigation on public waters.

5. Will the project affect navigation, recreation, and other public uses? If so, how will these effects be minimized?

The proposed dredging will be done during the week in late summer. Arrangements will be made for limited fueling, and we have portable back up sewage pump out equipment to continue that service. After work is completed, boaters will have safer and more efficient access to necessary services

G. Applicant Certification

As APPLICANT, I hereby certify that the statements presented on this application are true and accurate and recognize that by signing this application, I agree to complete all aspects of the project as authorized. I understand that failure to comply with the foregoing may result in violation of the Chapter 11 of Title 29, § 401 *et seq.*, and the Vermont Agency of Natural Resources may bring an enforcement action for violations of the Act pursuant to 10 V.S.A. chapter 201.

Applicant (landowner if applicable) Signature: Bruce Doring, manager Date: 10 July 2016

I. Applicant Preparer Certification (if applicable)

As APPLICATION PREPARER, I hereby certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Application Preparer Signature: Bruce Doring Date: 10 July 2016

J. Additional Required Documentation: (please check to ensure you have completed the following)

- All sections of the application are complete or otherwise indicate "not applicable";
- Application includes site plans with aerial and cross section views;
- Application description includes dimensions and surface areas of cleared areas and impervious surfaces; and
- Application includes photos of project area.

K. Permit Application Fees		
Select the most applicable permit description and requisite fee. If the proposed project involves more than one of the project types, multiple fees may apply. For example, a project involving structural erosion control and marina improvement will require both fees (2) and (3).		
1. Non-structural erosion control project (e.g., rip rap):		
Non-structural erosion control project: \$155.00		
Total:		
2. Structural erosion control project		
Structural erosion control project: \$250.00		
Total:		
3. Other Projects (e.g., marina improvements):		
Other Project: \$300.00		300
Project Cost Fee: 0.01 times project cost	Total Project Cost: <u>10,000</u> x 0.01	100
Total:		\$0.00 400.00

Submit this form and application fee, payable to:
State of Vermont
Vermont Department of Environmental Conservation
Watershed Management Division
1 National Life Dr, Main 2
Montpelier, VT 05620-3522

Direct all correspondence or questions to Lake Encroachment Permitting at:
ANR.WSMDShoreland@vermont.gov

For additional information visit: <http://dec.vermont.gov/watershed/lakes-ponds>



Lake Encroachment Application Addendum

For a Lake Encroachment Permit

Chapter 11 of Title 29, § 401 et seq.

This Abutting Land Owner Addendum is intended to accompany a completed *Lake Encroachment Permit Application* in instances of a proposed lake encroachment abutting land owners other than the applicant.

I. Abutting Land Owner Information

1. Name: Pier 10

Address: P.O. Box 156 Colchester, Vermont 05446

2. Name: Rozzi's Lakeshore Tavern

Address: 1022 West Lakeshore Dr. Colchester, Vermont 05446

3. Name: State of Vermont ANR

Address: One National Life Drive Montpelier, Vermont 05620

4. Name:

Address:

5. Name:

Address:

6. Name:

Address:

7. Name:

Address:

8. Name:

Address:

9. Name:

Address:

10. Name:

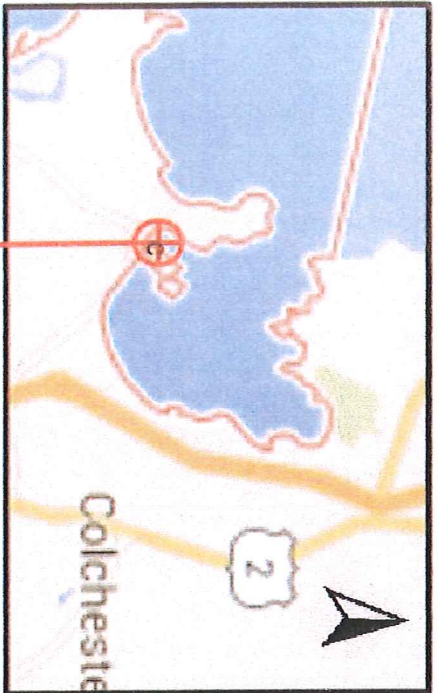
Address:

Submit this form as an addendum to a complete Lake Encroachment Application to:

State of Vermont
 Vermont Department of Environmental Conservation
 Watershed Management Division
 Lake Encroachment Permitting 1
 National Life Drive, Main 2
 Montpelier, VT 05620-3522

Direct all correspondence or questions to Lake Encroachment Permitting at:
ANR.WSMDSshoreland@vermont.gov

For additional information visit: <http://dec.vermont.gov/watershed>



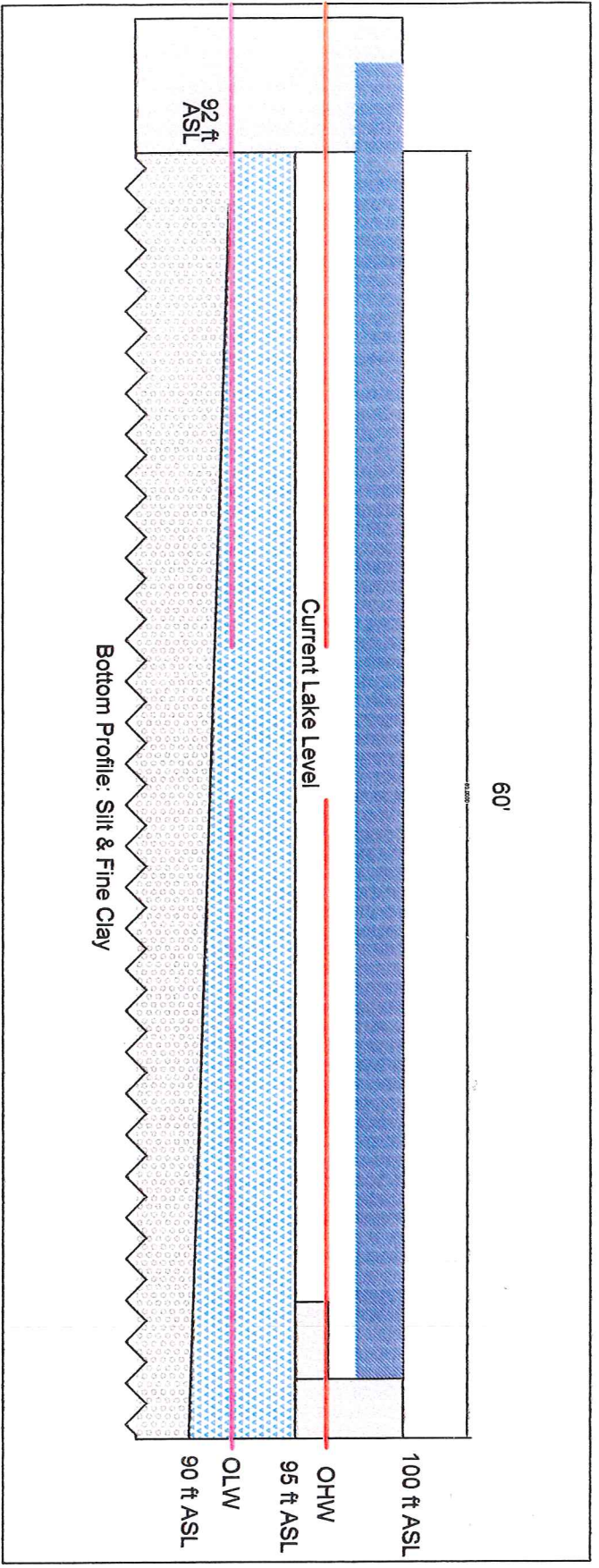
DESIGNED: B. DEMING
DRAWN: A. SPENCER
REVISED: B. DEMING
DATE: 07/01/2016
SCALE: AS NOTED

CHAMPLAIN MARINA, INC.
982 W. LAKESHORE DRIVE

TOWN: COLCHESTER
STATE: VERMONT
ZIP: 05446

PROJECT: MAINTENANCE DREDGING OF EXISTING SERVICE AREA





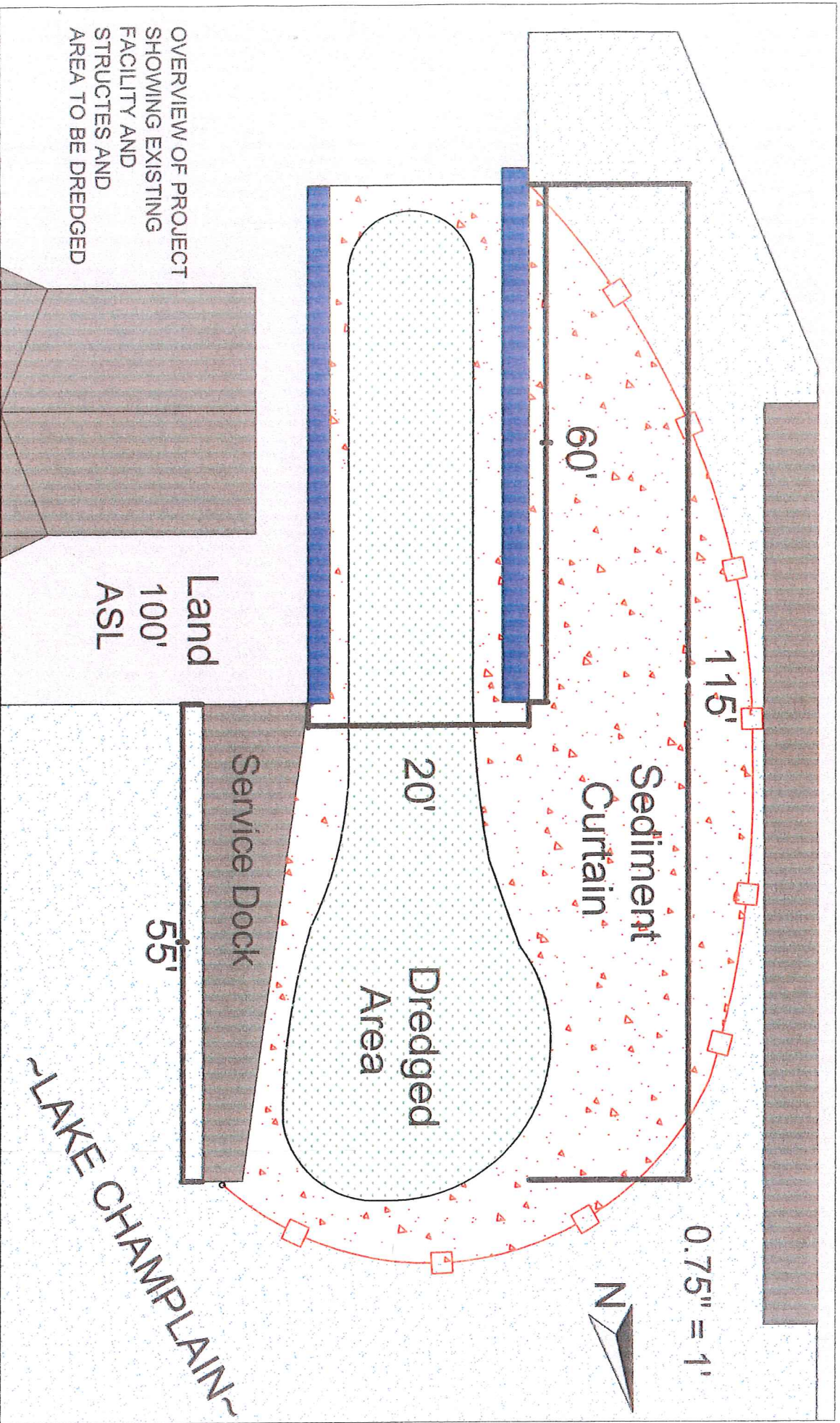
1.5" = 1'

DESIGNED: B. DEMING
 DRAWN: A. SPENCER
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OVERVIEW OF PROJECT
 SHOWING EXISTING
 FACILITY AND
 STRUCTURES AND
 AREA TO BE DREDGED

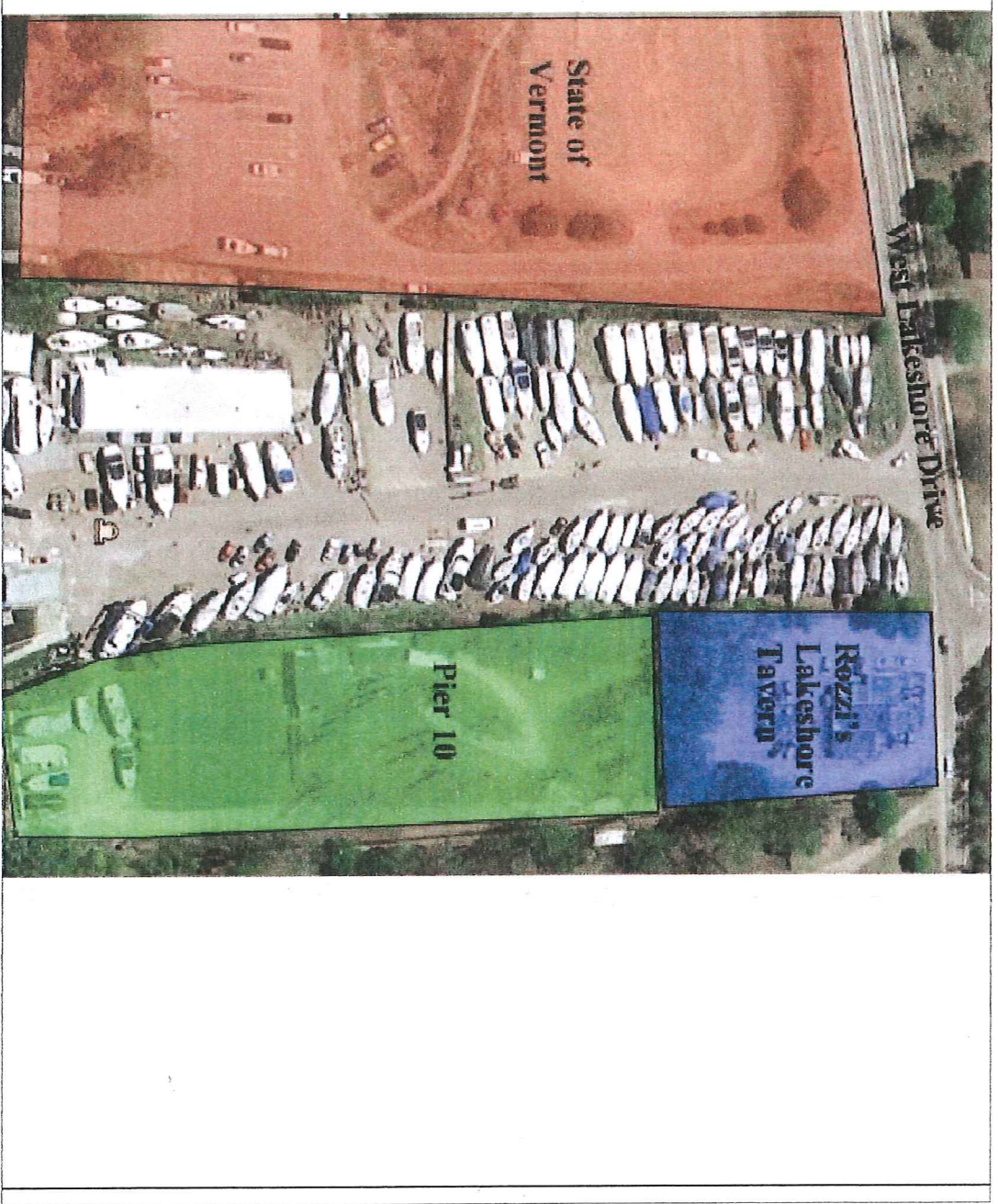
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ABUTTING PROPERTIES

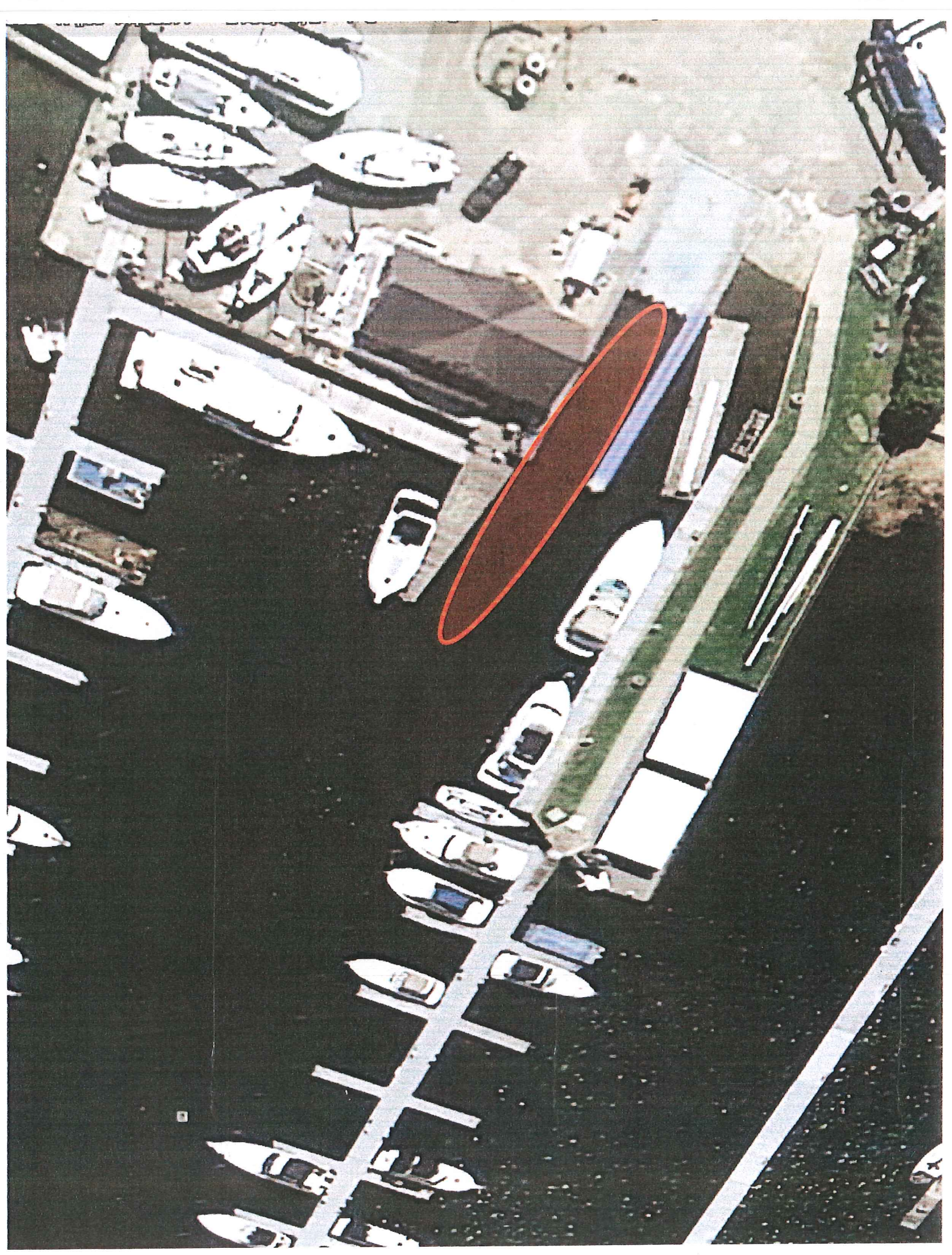


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STATE: VERMONT
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PROJECT: MAINTENANCE DREDGING OF EXISTING SERVICE AREA



Champlain Marina , Inc.
P.O. Box 168
982 West Lakeshore Dr.
Colchester, Vermont 05446



10 July, 2016

Dear Michaela Stickney,

Enclosed is our application (copies provided) along with the fees for our proposed dredging permit. I have provided Mike Adams of the A.C.E. their application today. I would appreciate an expedited process to secure this permit. If there is anything I can do to help, don't hesitate to contact me. You have my cell and e-mail address in the e-mails I recently exchanged with you.

Thank you,


Bruce Deming