

Department of Energy & Environmental Protection Bureau of Outdoor Recreation **Boating Division** Navigation & Boating Infrastructure Unit P.O. Box 280, 333 Ferry Road Old Lyme, CT 06371-0280

# WATER SKI SLALOM COURSE & JUMP PERMIT APPLICATION INSTRUCTIONS

The application provides clear instructions that must be followed. Please ensure that the course or jump diagram is neat and accurate, i.e. using magnetic bearings and distances to fixed shore objects or reference points. Latitude and longitude coordinates may be used <u>only</u> on Long Island Sound for courses/jumps placed far from shore. In addition, we advise you not to purchase any course or jump equipment until after consultation with Staff. If you already have these structures out, it is imperative that you remove them as soon as possible to avoid any law enforcement involvement, as all courses/jumps require a permit under State law.

The application packet also includes the Water Ski Slalom Course & Jump Permit Guidelines. Compliance with these guidelines is required for futher consideration. In addition, you must apply to the DEEP's Natural Diversity Data Base for a review of your course or jump location to verify that the site will not impact endangered species of plants or animals. An application for this review may be obtained from the Data Base Website at <a href="http://www.ct.gov/dep/cwp/view.asp?a=2702&q=323466&depNav\_GID=1628">http://www.ct.gov/dep/cwp/view.asp?a=2702&q=323466&depNav\_GID=1628</a>.

Once we receive your completed application, we will review it, and call you to arrange for a field inspection. In addition, a Public Informational Meeting is required to be held before the application is approved. This allows the public to review your proposal and comment. There is no fee for this process.

I thank you for your cooperation in this matter and if you have any questions, please do not hesitate to contact us at (860) 434-8638.



Department of Energy & Environmental Protection Boating Division Navigation & Boating Infrastructure Unit P.O. Box 280, 333 Ferry Road Old Lyme, CT 06371-0280

# **MARKER PERMIT APPLICATION**

Type of Marker (check one):

X Water Ski Slalom Course:

🔲 Water Ski Jump

Section §15-134(f) of the Connecticut General Statutes states in part that no individual, municipality, association or corporation shall place or cause to be placed on the waters of the state any marked course of jump ramp for use by any water-skier or vessel without written authorization of the commissioner. No new authorization shall be granted on any body of water with a surface area less than 100 acres. Application for authorization shall be made on forms provided by the commissioner and shall be accompanied by:

(A) a detailed map showing the proposed location of such marked course or jump ramp;

(B) a detailed diagram of the proposed markers or jump ramp; and

(C) a detailed statement addressing the safety and environmental impack of such proposal.

The attached water-ski slalom course/jump permit guidelines must be answered in complete sentences with supporting statements or reports from qualified individuals. After Agency review, an informational meeting will be held in the town or one of the towns in which authorization is sought, giving all towns involved an all interested persons an opportunity to present their views regarding the proposed marked course or jump ramp. Prior to issuing or denying such authorization in the commissioner shall consider:

(A) The completeness, accuracy and detail of the application,

- (B) public safety,
- (C) any environmental impacts directly related to the proposed marked course or jump ramp, and
- (D) the possible conflicts with other water uses.

If authorization from the department is granted, the markers are to be placed only in the manner specified in the permit. If the markers are subsequently found to be an obstruction or menace to navigation or a hindrance to the public use of the waters in questions, the Department may revoke the permit.

Date of Application: March 10, 2024

Town where markers/ski jump are to be located: Newtown

Body of water (I.e. lake, pond, river, etc.): Lake Zoar

# PERSON(S) SEEKING AUTHORIZATION TO PLACE MARKERS

Phone (Home or Cell): 203-278-3882

Phone (Work):

Address: 12 Bridge End Farm Ln, Sandy Hook, CT

Affiliation: Lake Zoar Slalom Club

E-mail Address: dan@odco.com

purposes and justification for the markers, and the area(s) where they are to be placed.

Map and Diagram: Include with this application two (2) copies of a scale map of the area with a detailed diagram of the proposed course buoy/jump location(s). An assessor's map showing property boundaries and landmarks should be used.

The diagram must be neatly drawn and include:

- 1. Dimensions, type and number of marker/buoys.
- 2. Compass bearings and distances from fixed shore objects to be buoy(s).
- 3. Depth of water in the area.
- 4. Adjoining property boundaries.
- 5. Location of nearby channels and water traffic patterns.

If more space is required to complete this application, you may attach additional sheets. Incomplete or sloppy applications and diagrams will be returned to the applicant.

If you have questions or want further information, please call the Navigation Safety/Boating Access Unit at (860) 434-8638.

#### **COMPLETE BOTH PAGES OF THE APPLICATION and RETURN IT TO THE: Department of Energy and Environmental Protection Boating Division Navigation & Boating Infrastructure Unit** P.O. Box 280, 333 Ferry Road Old Lyme, CT 06371-0280

# DO NOT WRITE BELOW THIS LINE - DEEP OFFICIAL USE ONLY

#### 

Agency Investigator:

Date: \_\_\_\_

Investigator's observation/recommendations:

#### **INFORMATIONAL MEETING**

| Date:                | Time: |           |  |  |  |
|----------------------|-------|-----------|--|--|--|
| Host Town:           |       | Facility: |  |  |  |
| Newspaper(s) Posted: |       |           |  |  |  |
|                      |       |           |  |  |  |
|                      |       |           |  |  |  |



Department of Energy & Environmental Protection Boating Division Navigation & Boating Infrastructure Unit P.O. Box 280, 333 Ferry Road Old Lyme, CT 06371-0280

# **ADDITIONAL PERMIT CONTACTS**

#### **U.S. Army Engineer Division**

New England District Corps Regulatory Division 696 Virginia Road Concord, MA 01742-2751 (978) 318-8168

## **U.S. Coast Guard**

First Coast Guard District Private Aids to Navigation 408 Atlantic Avenue Boston, MA 02110-2209 (617) 223-8358

#### **Connecticut DEEP**

Office of Long Island Sound Programs 79 Elm Street, Third Floor Hartford, CT 06106-5127 (860) 424-3034

#### **Northeast Generation Services**

143 West Street Ext. - Suite E New Milford, CT 06776 (860) 354-8840 (for Lake Lillinonah, Lake Zoar and Candlewood Lake)

#### **U.S. Coast Guard**

Group Long Island Sound - Aids to Navigation 120 Woodward Avenue New Haven, CT 06512 (203) 468-4510

# APPENDIX A: GENERAL INFORMATION, SAFETY, AND ENVIRONMENTAL IMPACT

#### **Generation Information**

The Lake Zoar Slalom Club (LZSC) slalom course was installed in 1978 under a permit granted by CT DEEP. This permit was renewed in 1991 under Permit Number 130/9107-009w and renewed again on March 20, 2020 under Permit Number 097/1807-644w.

This application intends to create a new permit or renew the existing permit beyond its current expiration on March 19, 2025. The slalom course and location are the same as they have been for the past 46 years. The proposed slalom course would continue to use the original anchor system as it was installed in 1978, with any improvements made during its maintenance.

The proposed location and installation fully comply with the CT DEEP Water Ski Slalom Course & Jump Permit Guidelines and AWSA specifications and guidelines.

The permits granted in 1978 and 1991 did not have an expiration date. The 1991 and 2020 permits were applied for because the original documentation was lost. The 2020 permit was granted for five years. The Lake Zoar Slalom Club requests that the new permit be granted without expiration.

#### **DEEP Safety Guidelines**

CT DEEP regulations include the following requirements for slalom course permits:

- 1. The water body shall have a surface area (excluding islands) of not less than one hundred (100) acres.
- 2. The depth of water shall be sufficient for the proposed activity and not less than six feet (6'). This includes any waters that may be traversed by the water skier or vessel during the act of water skiing.
- 3. The minimum distance to the nearest shore, house, dock, observation platform, mooring, dam, any physical object, other permitted slalom course/jump, boat launch, swim area, or area of human activity from the water-skier or vessel during any phase of water-skiing shall be no less than one hundred feet (100').
- 4. There shall be no underwater cables or overhead wires anywhere in or adjacent to the proposed area of operation of the water-ski slalom course or jump.
- 5. The proposed slalom course/jump site and adjacent waters shall not interfere with channels or historical lanes of traffic or traffic patterns.

## APPENDIX A: GENERAL INFORMATION, SAFETY, AND ENVIRONMENTAL IMPACT

#### **LZSC Safety Statement**

The proposed location and course design fully comply with the abovementioned regulations. Please find a statement below confirming the Lake Zoar Slalom Course's compliance with all CT DEEP safety requirements.

**Area**: Appendix B: CT Boater's Guide p57 confirms that the lake's surface area is 975 acres.

**Depth**: The minimum depth of the entire Lake Zoar slalom course area and areas traversed by the vessel and skier is 8'6". Please see <u>Appendix C: Lake Zoar Slalom Course Location Drawing</u> for additional information.

**Distance**: The nearest shore is 115' from the slalom course, water-skier, and vessel during all phases of waterskiing. The nearest house, dock, observation platform, mooring, dam, other slalom course, jump, boat launch, swim area, other human activities, and other physical objects are more than 200' from the slalom course, water skier, and vessel during all phases of water skiing. Please see <u>Appendix C: Lake Zoar Slalom Course Location Drawing</u> for additional information.

**Cables & Wires**: There are no underwater cables or overhead wires anywhere in or adjacent to the proposed area of operation of the water-ski slalom course. Please see <u>Appendix D: Enbridge</u> <u>Approval</u> letter for additional information.

*Channels & Traffic Patterns*: Please see <u>Appendix G: LZA Approval</u> confirming that the slalom course will have no adverse impact on historical use, traffic patterns, channels, lanes of traffic, or recreational use.

#### **DEEP Environmental Guidelines**

CT DEEP regulations include the following requirements for slalom course permits:

- 1. There shall be no inland or tidal wetlands within two hundred feet (200') of the proposed slalom course/jump and area of operation.
- 2. There shall be no active Bald Eagle or Osprey nesting sites on or adjacent to the body of water on which the slalom course or jump is to be placed.
- 3. The slalom course/jump and its associated operations area shall be located at least three hundred feet (300') from any known waterfowl nesting areas.
- 4. There shall be no fish spawning or nursery grounds within fifty feet (50') of the proposed slalom course/jump and its area of operation.
- 5. The proposed activity shall not preclude existing recreational use.
- 6. Areas sensitive to shoreline erosion shall be avoided.

## APPENDIX A: GENERAL INFORMATION, SAFETY, AND ENVIRONMENTAL IMPACT

#### **LZSC Environmental Statement**

*Wetlands and Erosion*: Please see <u>Appendix H: Environmental Impact and Wetlands Approvals</u> confirming that the slalom course has no adverse impact on wetlands or erosion.

**Bald Eagle, Osprey, & Waterfowl**: Please see <u>Appendix I DEEP Eagles Ospreys Approval</u> confirming that the slalom course will have no adverse impact on bald eagles or osprey. Please see <u>Appendix J: DEEP Waterfowl Approval</u> confirming that the slalom course will have no adverse impact on waterfowl.

*Fisheries*: Please see <u>Appendix K: DEEP Fisheries Approval</u> confirming that the slalom course will have no adverse impact on fish.

**Recreational Use**: Please see <u>Appendix G: LZA Approval</u> confirming that the slalom course will have no adverse impact on historical use, traffic patterns, channels, lanes of traffic, or recreational use.

#### **LZSC Additional Course Information**

**AWSA Diagram**: A diagram provided by AWSA showing the full dimensions of the slalom course and the distances between the buoys is included in <u>Appendix E: AWSA Course Diagram</u>.

**Anchoring System**: Please see <u>Appendix F: Lake Zoar Slalom Course Buoys and Anchors</u> for a diagram of the system, materials used, water depths, and dimensions of the anchors.

*Location Map*: Please see <u>Appendix C: Lake Zoar Slalom Course Location Drawing</u>, which includes a map showing the location of the slalom course, including the position of the starting gate buoys and the distance and compass bearing to a fixed shore object.

**Adjacent Property Owners**: Please see <u>Appendix L: Adjacent Property Owners</u>, which includes adjacent property owners' names, addresses, and locations. This document includes confirmations from all adjacent property owners that they have no concerns with the slalom course.

*Vessel & Decibel Levels*: LZSC members use single-engine inboard boats when using the slalom course. These boats have sound levels that do not exceed 90 dB.

*Other Permits*: The applicant is not aware of any other permits that woul be impacted by the slalom course.

Please contact Dan O'Donnell at 203.278.3882 or <u>dan@odonnellco.com</u> with any questions regarding this application or the supporting documentation.

#### S3- Mitchell Pond Regulations

Vessels with motors attached prohibited.

#### SALISBURY

S4- Twin Lakes - 843 acres State Boat Ramp Access Road, Salisbury; Launch is located on East Twin Lake. **Regulations: Seaplanes** prohibited. 3 water-skiers limit per boat, 35 mph limit except 6 mph limit within 200 feet of vessel or dock except taking off or landing water-skier, also 6 mph limit from 1/2 hour after sunset to 1/2 hour after sunrise. Waterskiing activity to go counter- clockwise on east and west halves of East Twin Lake.



#### **S5- Wononscopomuc Lake** 348 acres

Ethan Allen St, Salisbury Launch is owned and operated by the Town of Salisbury. Open 7 am to 8 pm from third Sat in Apr to Labor Day; from Labor Day to Oct 31, Mon - Fri, 7 am to 8 pm, weekends, 7 am to noon. \$10 fee for nonresidents. Regulations: Motors are limited to 12 cubic inches (approximately 10 hp). No waterskiing. Parking: 20 spaces



SEYMOUR Lake Housatonic See # S7- Shelton

#### **SHARON**

**S6- Mudge Pond (Silver Lake)** 207 acres

At the Intersection of Silver Lake Shore Road & Baker Road, Sharon Launch: Weed-choked in summer. Regulations: 71/2 hp limit, 6 mph limit. Motorboat operation prohibited 1/2 hour after sunset to sunrise and anytime within 200 feet of town beach. Parking: 14 spaces



#### SHELTON S7- Lake Housatonic-

328 acres (Indian Well State Park) 1 Indian Well Road, Shelton Launch: Launch is located in Indian Well State Park, open Apr - Sep, call 203-735-4311. Regulations: Vessels are prohibited from approaching within 300 ft. on upstream side or 1500 ft. on downstream side of Lake Housatonic Dam. Vessels proceeding upstream or downstream bear to their right. Minimum steerage speed within 25 ft. of shore or dock. 45 mph limit daytime, 25 mph from 1/2 hour after sunset to 1/2hour before sun-rise. No kite skiing or parasailing without permission.



#### SOMERS

**S8- Somersville Mill Pond Regulations** - 25 acres 6 mph limit, no waterskiing.

# SOUTHBURY

Lake Lillinonah See # B20 - Bridgewater

**<u>S9- Lake Zoar</u>** - 975 acres 210 Scout Road Southbury Regulations: 45 mph limit daytime, 25 mph from ½ hour after sunset to ½ hour before sunrise; vessels are prohibited from approaching within 300 feet on upstream side or 700 feet on downstream side of Stevenson Dam. Parking: 60 spaces.



# SOUTHINGTON

S10- Crescent Lake Regulations - 45 acres Use of internal combustion engines prohibited.



#### STAFFORD Crystal Lake

See # E19- Ellington

#### S11- Staffordville Lake

**Regulations** - 125 acres 40 mph limit except 5mph limit after 8 pm during Jul and Aug and after 7:30 pm at other times, also before 10 am on Sats and holidays and before noon on Suns.

#### **STAMFORD**

S12- Stamford Regulations No vessels permitted within 100 feet of Cummings Park fishing pier. Slow-No-Wake (1) in Cove Island Channel, (2) in Westcott Cove west of a line extending from the jetty separating the two beaches at Cummings Park to the easternmost point of Shippan Point Peninsula, and (3) in Stamford Harbor, north of a line beginning at the southern tip of Shippan Point, then along the east breakwall to its western end, then south two hundred (200) feet, then west to a point south of the eastern end of the west breakwall, then north to the southwestern corner of the federal anchorage, then west to Highwater Rock and on to the unnamed charted rocks located approximately eight hundred (800) feet northwest of the end of the west breakwall, then north to the southern end of the stone jetty located southwest of the Dolphin Cove inlet.

#### S13- Czescik Municipal Marina

(Stamford Harbor) 203-977-5008 Apr - Nov, Mon - Fri, 2 pm - 5:45 pm, Sat - Sun, 8 am - 3:45 pm



#### S14- Stamford Landing Marina

(Stamford Harbor) VHF 9 or 203-965-0065 Apr - Nov, Daily (except closed Wed), 9 am - 5 pm



#### Star Base Norwalk Blue, Inc Pumpout Boat (Stamford Harbor) See #N34- Norwalk



## S16-SHM Yacht Haven

Marina (North Yard) (Stamford Harbor) VHF 9 or 203-359-4500 May 1 - Oct 31; Daily, 10 am - 5 pm



## **STONINGTON**

**S17- Barn Island** (Barn Island Wildlife Area) At the End of Palmer Neck Road, Stonington Launch: very crowded on weekends.



#### S18- Stonington Regulations

(Stonington Harbor) Slow-No-Wake for mechanically propelled vessels within the area bounded by the railroad causeway to the north, and within the area bounded to the south by the break- water, and generally within a line from fixed navigation aid #5 (the end of the breakwater) to fixed Red navigation aid #8. No waterskiing within Stonington Harbor and within the waters north of a line running from red and green buoy "SP' to buoy "2" to the northwest tip of Sandy Point to Edwards Point.

Also See # G18- Mystic River Regulations) Slow-No-Wake around the northern end of Sandy Point, in the area bounded by a line from Sandy Point due north to green can #9, then to the southern tip of Elihu Island, then the southern tip of Edwards Point, then to a point half way between red nun #4 and green can #5, then due east to Sandy Point (simplified: see the ordinance for exact text).

Appendix C: Lake Zoar Slalom Course Location Drawing

Net

Inlet Pootatuck River 2,500" >

River

& Traffic Flow >

1211' 153.35°



142 236.46

Land Reference Algonquin Gas Line Marker

26 Bridge End Farm LN

Total number of Buoys: 26 Water Depth Minimum 8'6" Maximum 13'6"



River Rd

River Rd



ALGONQUIN GAS TRANSMISSION, LLC 252 Shunpike Rd. Cromwell, CT 06416 860-632-6868 860-635-2632 fax

July 2, 2024

Mr. Todd Martin 26 Bridge End Farm Lane Sandy Hook, CT 06482

Re: Lake Zoar Slolam Anchors, AGT Tract # F-141

Dear Mr. Martin,

Pursuant to our recent conversation concerning the slalom course on Lake Zoar parallel to Anthes Ave and Bridge End Farm Lane in Sandy Hook Connecticut, please be advised that certain Algonquin Gas Transmission, LLC ("Algonquin") personnel have reviewed the concrete anchoring block ("anchors") locations as they may relate to the Algonquin 30" and 26" pipelines and do not have concerns as they may relate to the integrity of said pipelines. In addition, please be aware that Algonquin routinely contracts pipeline inspection dive team companies to inspect its pipelines that traverse through the aforementioned slalom areas and a review of related reports reveals no previous issues or notations concerning the anchors. It is understood that should a future inspection issue arise, Algonquin will advise the Lake Zoar Slalom Club so that it can be addressed. I hope this information proves helpful and should you have any other concerns with this on any other Algonquin matter, please contact me at the address and/or telephone number listed above.

Sincerely,

h Min

Kyle Neilson SR/WA Senior Advisor Lands & Right of Way

cc: Stan Drauss AGT Tract file F-141

# OFFICIAL TOURNAMENT RULES

January 28, 2023 Revised April 4, 2023 Rule 11 Trick review and timing Revised August 8, 2023 add 3.02E, 4.02B



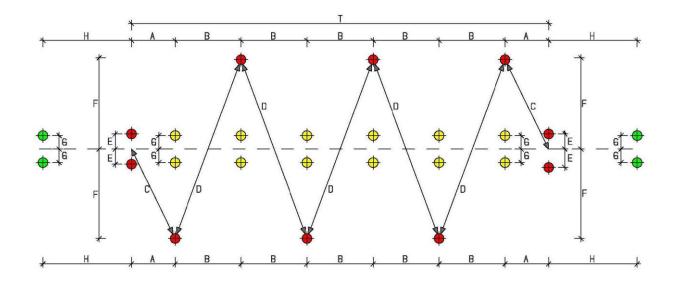
Questions of interpretation and suggestions for improvement or changes in the rules should be forwarded to the AWSA Rules Committee.

These rules may be amended at any time by the Board of Directors, on its own initiative or at the recommendation of the Rules Committee. After amendment by the board, the amended rules shall become effective immediately, unless a different date is specified. A notice of the amendment shall be promptly posted on the official AWSA website.

All rule changes subsequent to the 2022 Rule Book are written in **bold italics** 

USA Water Ski & Wake Sports 2701 Lake Myrtle Park Road Auburndale, FL 33823-9360 • 863-324-4341 phone • 863-325-8259 fax E-mail: competition@usawaterski.org Website: usawaterski.org

# **Official Slalom Course**



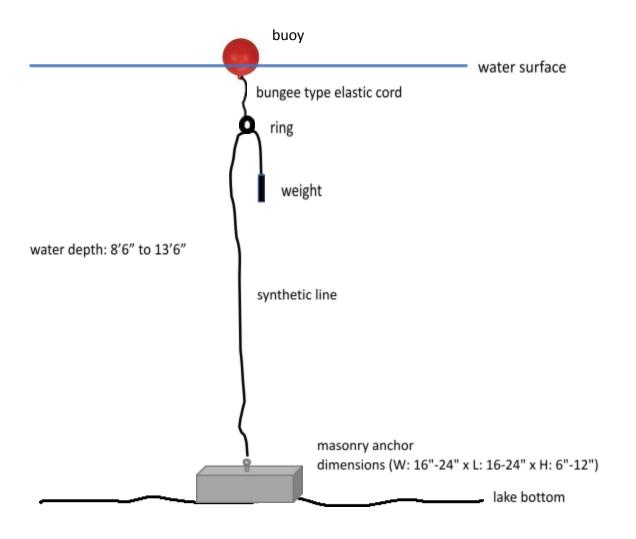
|                          | Metric  |          |          |        | English            |         |                                 |         |                                 |  |
|--------------------------|---------|----------|----------|--------|--------------------|---------|---------------------------------|---------|---------------------------------|--|
| Dim                      | Actual  | Minimum  | Maximum  | Actual |                    | Minimum |                                 | Maximum |                                 |  |
| ΟΑ                       | 259m    | 258.353m | 259.648m | 849'   | 87/8"              | 847'    | 7 <sup>3</sup> /8"              | 851'    | 103/8"                          |  |
| Α                        | 27m     | 26.865m  | 27.135m  | 88'    | 7"                 | 88'     | 1 <sup>5</sup> /8"              | 89'     | 1⁄4"                            |  |
| В                        | 41m     | 40.795m  | 41.205m  | 134'   | 6 <sup>1</sup> /8" | 133'    | 10 <sup>1</sup> /8"             | 135'    | 2¼"                             |  |
| С                        | 29.347m | 29.2m    | 29.494m  | 96'    | 3 <sup>3</sup> /8" | 95'     | 9 <sup>5</sup> / <sub>8</sub> " | 96'     | 9 <sup>1</sup> / <sub>8</sub> " |  |
| D                        | 47.011m | 46.776m  | 47.246m  | 154'   | 2¾"                | 153'    | 5 <sup>3</sup> /8"              | 155'    | <sup>1</sup> /8"                |  |
| Е                        | 1.25m   | 1.188m   | 1.313m   | 4'     | 1¼"                | 3'      | 10¾"                            | 4'      | 3¾"                             |  |
| F                        | 11.5m   | 11.385m  | 11.616m  | 37'    | 8¾"                | 37'     | 4¼"                             | 38'     | 13/8"                           |  |
| G                        | 1.15m   | 1.035m   | 1.265m   | 3'     | 9¼"                | 3'      | 4¾"                             | 4'      | 1¾"                             |  |
| н                        | 55m     | 54.725m  | 55.275m  | 180'   | 5 <sup>3</sup> /8" | 179'    | 6½"                             | 181'    | 4¼"                             |  |
| Tolerances (±)           |         |          |          |        |                    |         |                                 |         |                                 |  |
| 1/4% on 259m 5% on E     |         |          |          |        |                    |         |                                 |         |                                 |  |
| ½% on A,B,C,D,H 10% on G |         |          |          |        |                    |         |                                 |         |                                 |  |
| 1% on F                  |         |          |          |        |                    |         |                                 |         |                                 |  |

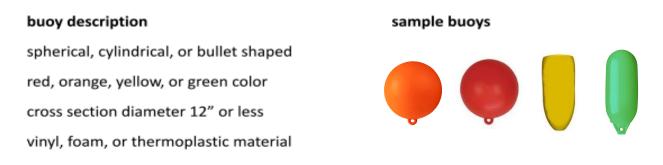
All Record Capability tournaments (E/L/R) including Regionals and Nationals shall include green boat path alignment gates (PG1-PG4). Their use is recommended at all other events.

Gates and turn buoys should be orange (recommended) or red in color. Interior boat guides are to be yellow.

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# **Appendix F: Lake Zoar Slalom Course Buoys and Anchors**





12 Bridge End Farm Ln Sandy Hook, CT 06482

Subject: Lake Zoar Slalom Club - Slalom Course Permit Application

Barbara McWilliams Chairperson Lake Zoar Authority

Dear Ms. McWilliams,

Please approve the location of the Lake Zoar Ski Club Slalom Course adjacent to Anthes Avenue and Bridge End Farm Lane in Sandy Hook, CT; and the club's work to apply for an updated permit from DEEP Boating Division for a slalom course permit at this location.

This site and adjacent waters do not interfere with channels, historical lanes of traffic, or traffic patterns. Furthermore, this site will not preclude existing recreational use.

Sincerely, Dan O'Donnell

Approved

7/25/2024

Barb MWilliams Barbara McWilliams Barbara McWilliams Chairperson Lake Zoar Authority



Advanced Environmental Redevelopment, LLC

RESEARCH · REMEDIATE · REBUILD

August 19, 2024

Mr. Anthony Buzzanca Lake Zoar Slalom Club 10 Housatonic Drive Sandy Hook, Connecticut 06482

> RE: Lake Zoar Slalom Club (LZSC) Erosion and Wetlands Review Lake Zoar Slalom Club Course Area

Dear Mr. Buzzanca,

As requested by you, **ADVANCED ENVIRONMENTAL REDEVELOPMENT** (AER) has reviewed published data and observed shoreline conditions within the area of the Lake Zoar Slalom Club course. AER performed a similar review of shoreline conditions during the May 2019 permit renewal process. Like previously, AER reviewed the course conditions for specific concerns as designated by the Connecticut Department of Energy and Environmental Protection (CTDEEP):

- There shall be no inland or tidal wetlands within two hundred feet (200) of the proposed course/jump area of operation;
- Areas sensitive to shoreline erosion shall be avoided.

# **Rief LZSC History and Course Description**

The LZSC has been operating a slalom course at this location on Lake Zoar since 1978 under a permit periodically renewed by the CTDEEP. Lake Zoar is an artificial lake created by the damming of the Housatonic River; The Stevenson Dam, located approximately five miles (straight-line distance) downstream and south forms the Lake. The permit was last renewed in 2019. The course is approximately 750 feet long and 70 feet wide and is located closer to the western bank of lake Zoar to provide optimal boat traffic flow. Slalom activities occur between April and October depending on weather conditions and the course can be used by all.

Lake Zoar water levels are controlled by Firstlight Power Resources and the need to balance Lake levels and the generation of hydroelectric power. Typical Lake levels vary from 100.5 to 103 feet above sea level according to Firstlight Power Resources published data. Winter drawdown lowers the Lake the Lake level to 98.5 feet after the beginning of November in order to reduce invasive plant species and Lake levels fluctuate with local weather conditions.

AER observed the LZSC via boat on August 16, 2024, at approximately 11:00 am; Lake traffic was light at this time. The LZSC is located in a north/south trending section of the Lake approximately 2,500 feet north of the Pootatuck River inlet. The eastern shore consists of primarily grass, immature tress and low

brush forming the steep boundary between River Road and Lake Zoar. The western side of the Lake consists of private residences, most equipped with masonry erosion walls to protect their properties, and community beach areas. The western bank is located on the inside of the natural, southern turn in the Lake. An area of sand accumulation, identified as "flowage on Firstlight mapping, is present south and west of the course. This flowage area is impacted, routinely, by seasonal water depth variations caused by the volume and speed of water released from the Shepaug Dam located approximately two miles north (straight-line distance) of the LZSC and moving southward.

The attached photographs document the LZSC area.

#### The Presence of Inland or Tidal Wetlands

No tidal wetlands are present since the Lake is not subject to measurable tidal fluctuation. According to CTDEEP mapping (https://cteco.uconn.edu/maps/town/SoilWet/SoilWet/SoilWet\_Newtown.pdf, October 2009), no inland wetland type soils have been mapped within 200 feet of the LZSC. The lack of the presence of wetland soils is confirmed on Newtown mapping (https://www.newtown-ct.gov/sites/g/files/vyhlif12216/f/uploads/figure\_4.pdf, 2004 Update). The closest mapped inland wetland soils are found greater than 1,000 feet to the south or the east of the LZSC.

#### Areas Sensitive to Shoreline Erosion

No areas of shoreline erosion due to water skiing activities were noted. Water skiing boats, such as the ones used by LZSC purposely create a soft wake so that the skier can ski unimpeded; https://nautique.com/models/ski-nautique-200/overview, and https://www.mastercraft.com/boats/prostar/. The LZSC uses the Course for an average of 12 round trips per day typically performed during morning hours when the Lake traffic and associated pleasure boat wakes are low. The trips contribute minimally to Lake traffic which is driven by the following marinas or boat launch ramps:

- Lake Zoar Family Marina and Kayak Rentals
- Lakeside Marina LLC
- Eichler's Cove, operated by the Town of Newtown
- Lake Zoar State Boat Ramp, operated by the Town of Southbury
- Monroe Town Boat Ramp, and
- Jackson Cove, operated by the Town of Oxford

This information suggests that the LZSC activities do not impact bank erosion or inland wetlands.

If you have any questions concerning this information, please call. Sincerely,

# ADVANCED FOR IRONMENTAL REDEVELOPMENT, LLC

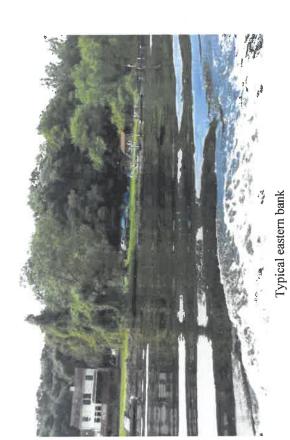
Christopher J. Kopley, PG, LEP#162 Principal

# LAKE ZOAR SLALOM CLUB NEWTOWN, CONNECTICUT



Typical western bank on right and eastern bank on left

Entering course from the north



Entering course from south

Dan O'Donnell <dan@odonnellco.com>

Fri, Jul 5, 2024 at 3:47 PM

# Subject: LZSC Slalom Course Filing # 108379 NDDB – New Determination Number: 202403301

Hess, Brian <Brian.Hess@ct.gov> To: DEEP Nddbrequest <DEEP.Nddbrequest@ct.gov>, dan <dan@odonnellco.com> Cc: "Huang, Min" <Min.Huang@ct.gov>, "Kubik, Kelly" <Kelly.Kubik@ct.gov>

Hi Dan,

The proposed course will not negatively impact nesting eagles or ospreys. There are no known nests near this site.

I've cc'd Min and Kelly from our migratory bird program - they may be able to answer your question as it pertains to waterfowl.

Thanks, Brian

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**Brian Hess** CT DEEP – Wildlife Division 860-876-9259 (call or text)

From: DEEP Nddbrequest <DEEP.Nddbrequest@ct.gov> Sent: Thursday, July 4, 2024 9:58 AM To: dan <dan@odonnellco.com> Cc: Hess, Brian <Brian.Hess@ct.gov> Subject: Fw: Subject: LZSC Slalom Course Filing # 108379 NDDB – New Determination Number: 202403301

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G\_CT\_DEEP\_NDDB\_Approval.pdf

# odonnell **COMPANY**

Dan O'Donnell <dan@odonnellco.com>

# Subject: LZSC Slalom Course Filing # 108379 NDDB – New Determination Number: 202403301

Huang, Min <Min.Huang@ct.gov>

Sat. Jul 6. 2024 at 6:24 AM To: "Hess, Brian" <Brian.Hess@ct.gov>, DEEP Nddbrequest <DEEP.Nddbrequest@ct.gov>, dan <dan@odonnellco.com> Cc: "Kubik, Kelly" <Kelly.Kubik@ct.gov>

Hi Dan,

No worries at all regarding nesting waterfowl or brood rearing waterfowl.

Min

Min T. Huang, Migratory Bird Program Leader CT Department of Energy and Environmental Protection 391 RT 32 N. Franklin CT 06254 860-418-5959 (office) 860-617-2200 (cell) 860-642-7964 (fax)

From: Hess, Brian <Brian.Hess@ct.gov> Sent: Friday, July 5, 2024 3:47 PM To: DEEP Nddbrequest < DEEP.Nddbrequest@ct.gov>; dan < dan@odonnellco.com> Cc: Huang, Min < Min.Huang@ct.gov>; Kubik, Kelly < Kelly.Kubik@ct.gov> Subject: Re: Subject: LZSC Slalom Course Filing # 108379 NDDB – New Determination Number: 202403301

[Quoted text hidden]

Dan O'Donnell <dan@odonnellco.com>

# Lake Zoar Slalom Course: Request for Information

**Goclowski, Matthew R** <Matthew.Goclowski@ct.gov> To: dan <dan@odonnellco.com> Cc: "Cooley, Yolanda" <Yolanda.Cooley@ct.gov> Mon, Jun 17, 2024 at 10:06 AM

Hi Dan,

Thank you for reaching out. I do not anticipate any significant fisheries impacts from the installation of this slalom course.

-Matt

#### **Matthew Goclowski**

Supervising Fisheries Biologist

Diadromous Fish Restoration and Habitat Conservation & Enhancement Programs

Bureau of Natural Resources/ Fisheries Division

Connecticut Department of Energy & Environmental Protection P.O Box 719, Old Lyme, CT 06371

p: 860.424.3926 | m: 860.876.4406 | matthew.goclowski@ct.gov



Conserving, improving, and protecting our natural resources and environment; Ensuring a clean, affordable, reliable, and sustainable energy supply.



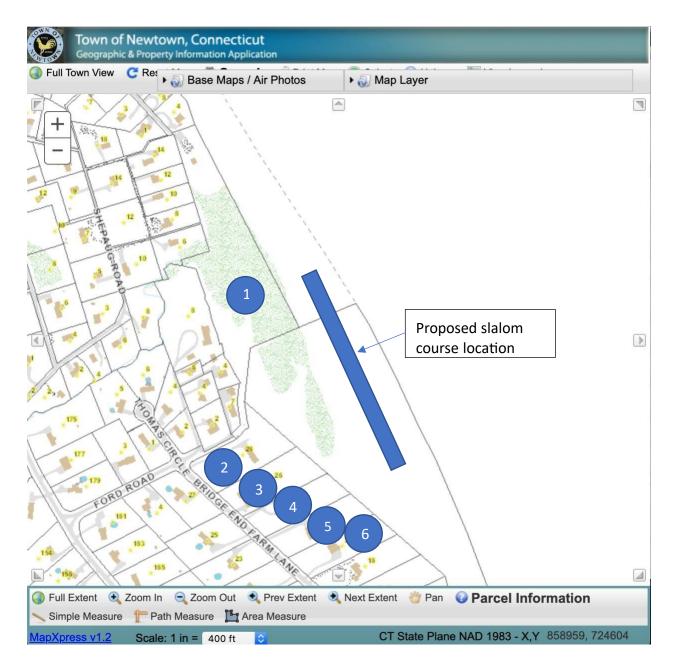
From: Dan O'Donnell <dan@odonnellco.com> Sent: Friday, June 14, 2024 5:28 PM To: Goclowski, Matthew R <Matthew.Goclowski@ct.gov> Cc: Cooley, Yolanda <Yolanda.Cooley@ct.gov> Subject: Lake Zoar Slalom Course: Request for Information

You don't often get email from dan@odonnellco.com. Learn why this is important

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# **Appendix L: Adjacent Property Owners**



#### Slalom Course Location

The proposed slalom course location is in the town of Newtown on Lake Zoar. The map above demonstrates the location of the property owners in relation to the slalom course.

#### **Adjacent Property Owners**



The land West of the Northern part of the slalom course is owned by the Shady Rest Homeowners Association:

Shady Rest Homeowners Association Association Board Chair: Priscilla DePaola PO Box 206 Sandy Hook, CT 06482

The following property owners, own waterfront land adjacent to the slalom course:



#### Dan O'Donnell <dan@odonnellco.com>

# LZSC Slalom Course

Anthony Buzzanca <buzzanca62@gmail.com> To: Dan O'Donnell <dan@odonnellco.com> Tue, Aug 13, 2024 at 7:09 PM

------ Forwarded message ------From: **Priscilla Depaola** <srapd2021@gmail.com> Date: Tue, Aug 13, 2024 at 6:48 PM Subject: Re: LZSC Slalom Course To: Anthony Buzzanca <buzzanca62@gmail.com>

Hi Tony

As Shady Rest Association President, I have reached out to neighbors and we have no concerns about the Slalom course location.

Thank you, Priscilla DePaola 203-213-3117

On Tue, Aug 13, 2024 at 6:42 PM Anthony Buzzanca <buzzanca62@gmail.com> wrote:

Hi Priscilla

We are renewing our permit with the Deep for our Slalom course located in front of the cove. Can you please respond back that the course does not impact the Shady Rest Association. Please give me a call if you have any questions.

Thank You Tony 203 395 3002 [Quoted text hidden]

Anthony Buzzanca Liberty Auto & Electric 38 Gurdon st BPT Ct 06606 203 333 4112 office 203 395 3002 Cell

Dan O'Donnell <dan@odonnellco.com>

# LZSC Slalom Course

**Dan** <asynapse@gmail.com> To: Dan O'Donnell <dan@odonnellco.com> Mon, Aug 12, 2024 at 7:56 PM

Dan,

The slalom course has been here as long as I remember, probably very, very long before I've been in the neighborhood. I can't think of any reason for it to not be here, and have no concerns about it. I'd be sad to see it go away because I know how much enjoyment people get from it, and see firsthand how actively used it is.

If you need anything else from me, let me know, hopefully the renewal process goes smoothly :-)

Dan Furphy 28 Bridge End Farm Ln Sandy Hook, CT (203) 300-9101 [Quoted text hidden]

#### Dan O'Donnell <dan@odonnellco.com>

# LZSC Slalom Course

wewaterski@att.net <wewaterski@att.net> To: Dan O'Donnell <dan@odonnellco.com> Mon, Aug 12, 2024 at 7:22 PM

Hi Dan, I do not have any concerns with the Slalom Course located adjacent to my property.

Thank you, Todd Martin 26 Bridge End Farm Lane Sandy Hook CT 06482

> On Aug 12, 2024, at 6:10 PM, Dan O'Donnell <dan@odonnellco.com> wrote:

>

>

[Quoted text hidden]

# odonnell **COMPANY**

#### Dan O'Donnell <dan@odonnellco.com>

# **LZSC Slalom Course**

Ken Serke <kenserke@earthlink.net>

Mon, Aug 12, 2024 at 7:51 PM

To: Dan O'Donnell <dan@odonnellco.com>

Dan.

We have no concerns about the slalom course on lake Zoar. Please let us know if we can be of any assistance in the permitting or maintenance of the course. Four grandchildren slaloming. Let's keep this sport alive! Thank you for including us, Ken Serke and Nancy Cardinale Sent from my iPhone

> On Aug 12, 2024, at 7:43 PM, Dan O'Donnell <dan@odonnellco.com> wrote:

>

>

[Quoted text hidden]

Thursday, August 15, 2024 8:24 PM

Fred Stakel called Dan O'Donnell back in response to Dan's outreach to Fred. Mr. Stakel said he has no concerns with the slalom course whatsoever.

This note was generated by Dan O'Donnell, 203.278.3882, <u>dan@odonnellco.com</u>.

Fred Stakel's contact info: Frederick Stakel 22 Bridge End Farm Lane Sandy Hook CT 06482 Home Phone: 203-426-2336

#### Dan O'Donnell <dan@odonnellco.com>

# **LZSC Slalom Course**

**Carol McHugh** <carolg.mchugh@gmail.com> To: Dan O'Donnell <dan@odonnellco.com> Wed, Aug 14, 2024 at 1:34 PM

Hi Dan,

To confirm my text message to you the other day, Brian and I do not have any concerns regarding the slalom course on Lake Zoar.

Regards, Carol McHugh 20 Bridge End Farm Lane Sandy Hook, CT 06482 [Quoted text hidden]

| From:    | Dan O"Donnell  |
|----------|--|
| To:      | Cooley, Yolanda  |
| Cc:      | Tony Buzzanca; AH M  |
| Subject: | LZSC Permit - Requested Days & Hours, Buoy Colors, & Process |
| Date:    | Friday, September 6, 2024 10:13:11 AM                        |
|          |  |

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Yolanda,

Thank you again for your time on the phone today. We'd like the permit to reflect the following date and times for course use:

- April 1 through November 15
- From sunrise to 30 minutes after sunset (aligns with CT Boating Guide regulations)

The reasoning is that sometimes the current is running all day and when this happens, its better for us to ski in the afternoon.

The other notable change, as I mentioned, is the listing of all 4 buoy colors recommended by AWSA: red, yellow, orange, & green. Our previous permit did not list all 4.

And lastly, a less burdensome process for renewal would be great if possible.

Thank you! Dan O'Donnell Lake Zoar Slalom Club