

PRETREATMENT PERMIT

issued to

Mystic Aquarium, a Division of Sea Research Foundation, Inc.
55 Coogan Boulevard
Mystic, CT 06355

Location Address:

Mystic Aquarium
55 Coogan Boulevard
Mystic, CT

Permit ID: SP0002426

Permit Expires:

SECTION 1: GENERAL PROVISIONS

- (A) This permit is reissued in accordance with section 22a-430 of Chapter 446k, Connecticut General Statutes ("CGS"), and Regulations of Connecticut State Agencies ("RCSA") adopted thereunder, as amended, and a modified Memorandum of Agreement dated June 3, 1981, by the Administrator of the United States Environmental Protection Agency ("EPA") which authorizes the State of Connecticut to administer a Pretreatment Program pursuant to 40 CFR Part 403.
- (B) Sea Research Foundation, Inc., ("Permittee"), shall comply with all conditions of this permit including the following sections of the RCSA which have been adopted pursuant to section 22a-430 of the CGS and are hereby incorporated into this permit. Your attention is especially drawn to the notification requirements of subsections (i)(2), (i)(3), (j)(1), (j)(6), (j)(8), (j)(9)(C), (j)(11)(C), (D), (E), and (F), (k)(3) and (4) and (l)(2) of section 22a-430-3.

Section 22a-430-3 General Conditions

- (a) Definitions
- (b) General
- (c) Inspection and Entry
- (d) Effect of a Permit
- (e) Duty
- (f) Proper Operation and Maintenance
- (g) Sludge Disposal
- (h) Duty to Mitigate
- (i) Facility Modifications; Notification
- (j) Monitoring, Records and Reporting Requirements
- (k) Bypass
- (l) Conditions Applicable to POTWs
- (m) Effluent Limitation Violations (Upsets)
- (n) Enforcement
- (o) Resource Conservation
- (p) Spill Prevention and Control
- (q) Instrumentation, Alarms, Flow Recorders
- (r) Equalization

Section 22a-430-4 Procedures and Criteria

- (a) Duty to Apply
- (b) Duty to Reapply
- (c) Application Requirements
- (d) Preliminary Review
- (e) Tentative Determination
- (f) Draft Permits, Fact Sheets
- (g) Public Notice, Notice of Hearing
- (h) Public Comments
- (i) Final Determination

- (j) Public Hearings
- (k) Submission of Plans and Specifications. Approval.
- (l) Establishing Effluent Limitations and Conditions
- (m) Case by Case Determinations
- (n) Permit issuance or renewal
- (o) Permit Transfer
- (p) Permit revocation, denial or modification
- (q) Variances
- (r) Secondary Treatment Requirements
- (s) Treatment Requirements for Metals and Cyanide
- (t) Discharges to POTWs - Prohibitions

- (C) Violations of any of the terms, conditions, or limitations contained in this permit may subject the Permittee to enforcement action, including but not limited to, penalties, injunctions and/or forfeitures pursuant to applicable sections of the CGS and RCSA. Specifically, civil penalties of up to twenty-five thousand dollars may be assessed per violation per day.
- (D) Any false statement in any information submitted pursuant to this permit may be punishable as a criminal offense under section 22a-438 or 22a-131a of the CGS or in accordance with section 22a-6, under section 53a-157b of the CGS.
- (E) The authorization to discharge under this permit may not be transferred without prior written approval of the Commissioner of Energy and Environmental Protection ("the Commissioner"). To request such approval, the Permittee and proposed transferee shall register such proposed transfer with the Commissioner at least thirty (30) days prior to the transferee becoming legally responsible for creating or maintaining any discharge which is the subject of the permit transfer. Failure by the transferee to obtain the Commissioner's approval prior to commencing such discharge(s) may subject the transferee to enforcement action for discharging without a permit pursuant to applicable sections of the CGS and RCSA.
- (F) Nothing in this permit shall relieve the Permittee of other obligations under applicable federal, state and local law.
- (G) An annual fee shall be paid for each year this permit is in effect as set forth in section 22a-430-7 of the RCSA.
- (H) This permitted discharge is consistent with the applicable goals and policies of the Connecticut Coastal Management Act (section 22a-92 of the CGS).

SECTION 2: DEFINITIONS

- (A) The definitions of the terms used in this permit shall be the same as the definitions contained in section 22a-423 of the CGS and sections 22a-430-3(a) and 22a-430-6 of the RCSA.
- (B) In addition to the above, the following definitions shall apply to this permit:

"----" in the limits column on the monitoring tables (tables A and B) means a limit is not specified, but a value must be reported on the Discharge Monitoring Report ("DMR").

"Average Monthly Limit" means the maximum allowable "Average Monthly Concentration" as defined in section 22a-430-3(a) of the RCSA when expressed as a concentration (e.g. mg/l). Otherwise, it means "Average Monthly Discharge Limitation" as defined in section 22a-430-3(a) of the RCSA.

"Daily Concentration" means the concentration of a substance as measured in a daily composite sample, or the arithmetic average of all grab sample results defining a grab sample average.

"Daily Quantity" means the quantity of waste generated during an operating day.

"Instantaneous Limit" means the highest allowable concentration of a substance as measured by a grab sample, or the highest allowable measurement of a parameter as obtained through instantaneous monitoring.

"Maximum Daily Limit" means the maximum allowable "Daily Concentration" (defined above) when expressed as a concentration (e.g. mg/l). Otherwise, it means the maximum allowable "Daily Quantity" as defined above unless it is expressed as a flow quantity. If expressed as a flow quantity, it means "Maximum Daily Flow" as defined in section 22a-430-3(a) of the RCSA.

“mg/l” means milligrams per liter.

"NA" as a monitoring table abbreviation means "not applicable".

"NR" as a monitoring table abbreviation means "not required".

"Quarterly", in the context of a sampling frequency, means sampling is required in the months of January, April, July, and October.

SECTION 3: COMMISSIONER'S FINAL DETERMINATION

- (A) The Commissioner has made a final determination and found that the continuance of the existing discharge will not cause pollution of the waters of the state. The Commissioner's final determination is based on Application No. 201304083 for permit reissuance received on September 13, 2013 and the administrative record established in the processing of that application.
- (B) (1) From the issuance of this permit through and including March 14, 2014, the Commissioner hereby authorizes the Permittee to discharge in accordance with the terms and conditions of Permit No. SP0002426, issued by the Commissioner to the Permittee on March 18, 2009, the previous application submitted by the Permittee on March 3, 2008, and all modifications and approvals issued by the Commissioner or the Commissioner's authorized agent for the discharge and/or activities authorized by, or associated with, Permit No. SP0002426, issued by the Commissioner to the Permittee on March 18, 2009.
- (2) From [FIRST DAY OF MONTH, MONTH FOLLOWING PERMIT REISSUANCE] until this permit expires or is modified or revoked, the Commissioner hereby authorizes the Permittee to discharge in accordance with the terms and conditions of Permit No. SP0002426, issued by the Commissioner to the Permittee on [DATE OF PERMIT ISSUANCE], Application No. 201304083 received by the Department on September 13, 2013, and all modifications and approvals issued by the Commissioner or the Commissioner's authorized agent for the discharge and/or activities authorized by, or associated with, Permit No. SP0002426, issued by the Commissioner to the Permittee on [DATE OF PERMIT ISSUANCE].
- (C) The Commissioner reserves the right to make appropriate revisions to the permit in order to establish any appropriate effluent limitations, schedules of compliance or other provisions that may be authorized under the Federal Clean Water Act or the CGS or regulations adopted thereunder, as amended. The permit as modified or renewed under this paragraph may also contain any other requirements of the Federal Clean Water Act or CGS or regulations adopted thereunder which are then applicable.

SECTION 4: EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

- (A) The discharges shall not exceed and shall otherwise conform to the specific terms and conditions listed below. The discharges are restricted by, and shall be monitored in accordance with, the tables below.

Table A								
Discharge Serial Number: 201-1						Monitoring Location: 1		
Wastewater Description: Filter backwash wastewater from outdoor animal exhibit tanks, plus wastewaters from DSN 201-A								
Monitoring Location Description: Ports on backwash filter systems								
Discharge is to: Stonington Publicly Owned Treatment Works (“POTW”)								
PARAMETER	UNITS	FLOW/TIME BASED MONITORING				INSTANTANEOUS MONITORING		
		Average Monthly Limit	Maximum Daily Limit	Sample/Reporting Frequency ¹	Sample Type or Measurement to be Reported	Instantaneous Limit or Required Range	Sample/Reporting Frequency ¹	Sample Type or Measurement to be Reported
Ammonia	mg/l	NA	NA	NR	NA	----	Quarterly	Grab
Flow, Day of Sampling	gpd	NA	43,500	Quarterly	Daily Flow	NA	NR	NA
Chlorine, Total	mg/l	NA	NA	NR	NA	----	Quarterly	Grab
Copper, Total	mg/l	NA	NA	NR	NA	2.0	Quarterly	Grab
pH, Day of Sampling	S.U.	NA	NA	NR	NA	6.0 – 10.0	Quarterly	Grab
Footnotes: ¹ The first entry in this column is the ‘Sample Frequency’. If this entry is not followed by a ‘Reporting Frequency’ and the ‘Sample Frequency’ is more frequent than monthly, then the ‘Reporting Frequency’ is monthly. If the ‘Sample Frequency’ is specified as monthly, or less frequent, then the ‘Reporting Frequency’ is the same as the ‘Sample Frequency’.								

Table B								
Discharge Serial Number: 201-A						Monitoring Location: 1		
Wastewater Description: Fish and invertebrate exhibit tanks								
Monitoring Location Description: Dip sample collected from the water surface								
Discharge is to: DSN 201-1								
PARAMETER	UNITS	FLOW/TIME BASED MONITORING				INSTANTANEOUS MONITORING		
		Average Monthly Limit	Maximum Daily Limit	Sample/Reporting Frequency ¹	Sample Type or Measurement to be reported	Instantaneous limit or required range	Sample/Reporting Frequency ¹	Sample Type or measurement to be reported
Ammonia	mg/l	NA	NA	NR	NA	----	Quarterly	Grab
Flow, Day of Sampling	gpd	NA	23,000	Quarterly	Daily Flow	NA	NR	NA
Chlorine, Total	mg/l	NA	NA	NR	NA	----	Quarterly	Grab
Copper, Total	mg/l	NA	NA	NR	NA	2.0	Quarterly	Grab
pH, Day of Sampling	S.U.	NA	NA	NR	NA	6.0 – 10.0	Quarterly	Grab
Footnotes: ¹ The first entry in this column is the ‘Sample Frequency’. If this entry is not followed by a ‘Reporting Frequency’ and the ‘Sample Frequency’ is more frequent than monthly, then the ‘Reporting Frequency’ is monthly. If the ‘Sample Frequency’ is specified as monthly, or less frequent, then the ‘Reporting Frequency’ is the same as the ‘Sample Frequency’.								

- (B) All samples shall be comprised of only those wastewaters described in this schedule. Therefore, samples shall be taken prior to combination with wastewaters of any other type and after all approved treatment units, if applicable. All samples taken shall be representative of the discharge during standard operating conditions.
- (C) In cases where limits and sample type are specified but sampling is not required, the limits specified shall apply to all samples which may be collected and analyzed by the Department of Energy and Environmental Protection personnel, the Permittee or other parties.

SECTION 5: SAMPLE COLLECTION, HANDLING AND ANALYTICAL TECHNIQUES AND REPORTING REQUIREMENTS

- (A) Chemical analyses to determine compliance with effluent limits and conditions established in this permit shall be performed using the methods approved by the EPA pursuant to 40 CFR 136 unless an alternative method has been approved in writing in accordance with 40 CFR 136.4 or as provided in section 22a-430-3(j)(7) of the RCSA. Chemicals which do not have methods of analysis defined in 40 CFR 136 shall be analyzed in accordance with methods specified in this permit.
- (B) All metals analyses identified in this permit shall refer to analyses for total recoverable metal as defined in 40 CFR 136 unless otherwise specified.
- (C) The results of chemical analysis required above shall be entered on the DMR, provided by this office, and reported to the Water Permitting and Enforcement Division at the address below. Except for continuous monitoring, any monitoring required more frequently than monthly shall be reported on an attachment to the DMR, and any additional monitoring conducted in accordance with 40 CFR 136 or other methods approved by the Commissioner shall also be included on the DMR, or as an attachment, if necessary. The report shall also include a detailed explanation of any violations of the limitations specified. The DMR shall be received at the address below by the last day of the month following the month in which samples are taken.

Water Permitting and Enforcement Division (Attn: DMR Processing)
Bureau of Materials Management and Compliance Assurance
Connecticut Department of Energy and Environmental Protection
79 Elm Street
Hartford, CT 06106-5127

- (D) If this permit requires monitoring of a discharge on a calendar basis (e.g. monthly, quarterly) but a discharge has not occurred within the frequency of sampling specified in the permit, the Permittee must submit the DMR as scheduled, indicating "NO DISCHARGE". For those permittees whose required monitoring is discharge dependent (e.g. per batch), the minimum reporting frequency is monthly. Therefore, if there is no discharge during a calendar month for a batch discharge, a DMR must be submitted indicating such by the end of the following month.
- (E) NetDMR Reporting Requirements
 - 1. Prior to one-hundred and eighty (180) days after the issuance of this permit, the Permittee may either submit monitoring data and other reports to the Department in hard copy form or electronically using NetDMR, a web-based tool that allows Permittees to electronically submit DMRs and other required reports through a secure internet connection. Unless otherwise approved in writing by the Commissioner, no later than one-hundred and eighty (180) days after the issuance of this permit, the Permittee shall begin reporting electronically using NetDMR. Specific requirements regarding subscription to NetDMR, and submittal of data and reports in hard copy form and using NetDMR are described below:

- a. Submittal of *NetDMR Subscriber Agreement*

On or before fifteen (15) days after the issuance of this permit, the Permittee and/or the person authorized to sign the Permittee's DMRs ("Signatory Authority") as described in section 22a-430-3(b)(2) of the RCSA shall contact the Department at deep.netdmr@ct.gov and initiate the NetDMR subscription process for electronic submission of DMR information. Information on NetDMR is available on the Department's website at www.ct.gov/deep/netdmr. On or before ninety (90) days after issuance of this permit, the Permittee shall submit a signed and notarized copy of the **Connecticut DEEP NetDMR Subscriber Agreement** to the Department.

- b. Submittal of Reports Using NetDMR

Unless otherwise approved by the Commissioner, on or before one-hundred and eighty (180) days after issuance of this permit, the Permittee and/or the Signatory Authority shall begin electronically submitting

DMRs and reports required under this permit to the Department using NetDMR, in satisfaction of the DMR submission requirement of section 5(C) of this permit.

DMRs shall be submitted electronically to the Department no later than the thirtieth (30th) day of the month following the completed reporting period. All reports required under the permit, including any monitoring conducted more frequently than monthly or any additional monitoring conducted in accordance with 40 CFR 136, shall be submitted to the Department as an electronic attachment to the DMR in NetDMR. Once a Permittee begins submitting reports using NetDMR, it will no longer be required to submit hard copies of DMRs or other reports to the Department. The Permittee shall also electronically file any written report of non-compliance described in section 6 of this permit as an attachment in NetDMR. NetDMR is accessed from: <http://www.epa.gov/netdmr>.

c. Submittal of NetDMR Opt-Out Requests

If the Permittee is able to demonstrate a reasonable basis, such as technical or administrative infeasibility, that precludes the use of NetDMR for electronically submitting DMRs and reports, the Commissioner may approve the submission of DMRs and other required reports in hard copy form ("opt-out request"). Opt-out requests must be submitted in writing to the Department for written approval on or before fifteen (15) days prior to the date the Permittee would be required under this permit to begin filing DMRs and other reports using NetDMR. This demonstration shall be valid for twelve (12) months from the date of the Department's approval and shall thereupon expire. At such time, DMRs and reports shall be submitted electronically to the Department using NetDMR unless the Permittee submits a renewed opt-out request and such request is approved by the Department.

All opt-out requests and requests for the NetDMR subscriber form should be sent to the following address or by email at deep.netdmr@ct.gov:

Attn: NetDMR Coordinator
Connecticut Department of Energy and Environmental Protection
79 Elm Street
Hartford, CT 06106-5127

- (F) Copies of all DMRs shall be submitted concurrently to the Stonington Publicly Owned Treatment Works ("POTW"), which is involved in the collection and treatment of the permitted discharge.

SECTION 6: RECORDING AND REPORTING OF VIOLATIONS, ADDITIONAL TESTING REQUIREMENTS

- (A) If any sample analysis indicates that an effluent limitation specified in section 4 of this permit has been exceeded, a second sample of the effluent shall be collected and analyzed for the parameter(s) in question and the results reported to the Water Permitting and Enforcement Division (Attn: DMR Processing) within thirty (30) days of the exceedance.
- (B) The Permittee shall immediately notify the Water Permitting and Enforcement Division and the Stonington POTW of all discharges that could cause problems to the POTW, including but not limited to slug loadings of pollutants which may cause a violation of the POTW's NPDES permit, or which may inhibit or disrupt the POTW, its treatment processes or operations, or its sludge processes, use or disposal.
- (C) In addition to the notification requirements specified in section 1B of this permit, if any sampling and analysis of the discharge performed by the Permittee indicates a violation of limits specified in section 4 of this permit, the Permittee shall notify the Water Permitting and Enforcement Division within twenty-four (24) hours of becoming aware of the violation.

SECTION 7: COMPLIANCE CONDITIONS

In accordance with 40 CFR 403.8(f)(2)(viii), the Commissioner may provide public notification, in a newspaper of general circulation in the area of the respective POTW, of permittees that at any time in the previous twelve (12) months were in significant noncompliance with the provisions of this permit. For the purposes of this provision, a permittee that is not a Significant Industrial User is in significant noncompliance if its violation(s) meet(s) one or more of the following criteria:

- **Discretionary:** Any violation of an effluent limit that the Department determines has caused, alone or in combination with other discharges, a violation of the POTW's NPDES permit, inhibition or disruption of the POTW, its treatment processes or operations, or its sludge processes, use or disposal.

- **Imminent Endangerment:** Any discharge of a pollutant that has caused imminent endangerment to human health, welfare or to the environment, or has resulted in the Department's exercise of its emergency authority under 40 CFR 403.8(f)(1)(vi)(B) to halt or prevent such a discharge.
- **Best Management Practices ("BMPs"):** Any other violation or group of violations, which may include a violation of BMPs, which the Department determines will adversely affect the operation or implementation of the pretreatment program.

This permit is hereby issued on

Macky McCleary
Deputy Commissioner
Department of Energy and Environmental Protection

MM/MVM

cc: Stonington POTW

DATA TRACKING AND TECHNICAL FACT SHEET

Permittee: Mystic Aquarium, a Division of Sea Research Foundation, Inc.

PERMIT, ADDRESS, AND FACILITY DATA

Permit No. SP0002426

Application No. 201304083

<u>Mailing Address:</u> Street: 55 Coogan Boulevard City: Mystic ST: CT Zip: 06355 Contact Name: Gayle Sirpenski Phone No.: (860) 572-5955 Email: gsirpenski@searesearch.org	<u>Location Address:</u> Street: 55 Coogan Boulevard City: Mystic ST: CT DMR Contact: Gayle Sirpenski Phone No.: (860) 572-5955 Email: gsirpenski@searesearch.org
---	--

Permit Information

Duration 5 Year ☐ 10 Year ☒ 30 Year
Type New ☐ Reissuance ☒ Modification
Categorization Point Source (X) Non-Point Source () GIS #
NPDES () Pretreatment (X) Groundwater (UIC) () Groundwater (Other) ()
NPDES Major (MA) ☐
NPDES Significant Minor or Pretreatment SIU (SI) ☐
NPDES or Pretreatment Minor (MI) ☒
Pretreatment Significant Industrial User (SIU) ☐
Pretreatment Categorical (CIU) ☐
Pollution Prevention Mandate ☒ Environmental Equity Issue ☐

Standard Industrial Classification ("SIC") Code: 8422 - Arboreta and Botanical or Zoological Gardens

Compliance Issues

Compliance Schedule Yes ☐ No ☒
Is the Permittee subject to a pending enforcement action? Yes ☐ No ☒

Ownership Code

Private ☒ Federal ☐ State ☐ Municipal (town only) ☐ Other

DEEP Permit Engineer Mariana Miller

Permit Fees

Discharge Code	DSN Number	Annual Fee
5070000	201-1	*See comment
5070000	201-A	*See comment

*Annual fees covered under NPDES permit CT0020630.

For Sewer Discharges

Discharge is to the Stonington Publicly Owned Treatment Works ("POTW") via the sanitary sewer system in the village of Mystic. The facility I.D. number of the POTW is 137-002.

Nature of Business Generating Discharge

Mystic Aquarium, owned and operated by Sea Research Foundation ("Sea Research"), is used for the public exhibition of aquatic plants, invertebrates, fish and marine mammals. The facility also conducts research about marine species, and assists in the rescue and rehabilitation of stranded marine mammals. Discharges to the sanitary sewer include those from the fish and invertebrate tanks as well as from the various filtration processes used to maintain the outdoor exhibit tanks.

Process and Treatment Description (by DSN)

DSN 201-1: Filter backwash wastewaters from outdoor animal exhibit tanks, plus wastewaters from DSN 201-A. Treatment is not required.

DSN 201-A: Wastewaters from fish and invertebrate exhibit tanks. Treatment is not required.

Resources Used to Draft Permit

 X Department File Information

Basis for Limitations, Standards or Conditions

 X Case-by-Case Determination using Best Professional Judgment ("BPJ") (See *Other Comments*)
- All parameters

General Comments

There are no annual fees associated with this permit. All fees are billed under NPDES permit CT0020630.

Other Comments

On November 6, 1998, Sea Research was registered under the *General Permit for the Discharge of Water Treatment Wastewater* (GWT000127) to cover discharges from backwash recovery for various life support systems to the sanitary sewer. However, due to the nature of discharge and the type of wastes generated by the processes (animal fecal waste), the associated discharge is not eligible for coverage under this general permit. Therefore, on June 3, 2013, Sea Research submitted permit Application No. 201304083 to incorporate the discharges previously covered under GWT000127. These discharges are now covered under monitoring table B.

The *Sample Type or Measurement to be Reported* of the wastewaters discharged from DSN 201-A is a grab sample. Grab samples are representative of filter backwash discharges that occur from the following outdoor animal exhibit tanks: Alaskan Coast, Aquatic Animal Study Center, Marine Theater, Penguin Pavilion, Pinniped Holding, Pribilof Seal Islands, Seal Rescue Clinic and Waterfront. The filter backwash discharges are generated on an as-needed basis.

A maximum of 43,500 gallons per day will be discharged to the Stonington POTW from DSN 201-1. DSN 201-A is an internal wastestream that contributes a maximum of 23,000 gallons per day of wastewaters from fish and

PERMIT No. SP0002426

invertebrate exhibit aquarium tanks to DSN 201-1. Application No. 201304083 identified two discharges to the sanitary sewer system: DSN 201 and DSN 202. After review of the application and associated documentation, it was determined that DSN 201 discharges into DSN 202 and DSN 202 discharges to the sanitary sewer system. Therefore, DSN 202 has been redesignated as DSN 201-1 and DSN 201 has been redesignated as DSN 201-A.

Effluent limits and monitoring requirements for ammonia, total chlorine, total copper and pH from the previous permit have been retained.

Sea Research uses copper sulfate to eliminate parasite infestation. Therefore, the facility is required to monitor for copper as a quarterly grab sample.

In the future, Sea Research plans to improve the Alaskan Coast treatment system by adding a backwash reclamation tank and filter.

The pH limits of 6.0-10.0 S.U. are considered to be protective of sanitary sewer systems.

The Stonington POTW confirmed its approval with the permit conditions on March 18, 2014.

**NOTICE OF TENTATIVE DECISION
OF INTENT TO RENEW A STATE PERMIT
FOR THE FOLLOWING DISCHARGES INTO THE WATERS OF THE STATE OF
CONNECTICUT**

TENTATIVE DECISION

The Commissioner of Energy and Environmental Protection ("the Commissioner") hereby gives notice of a tentative decision to renew a permit based on an application submitted by **Mystic Aquarium, a Division of Sea Research Foundation, Inc.** ("the applicant") under section 22a-430 of the Connecticut General Statutes ("CGS") for a permit to discharge into the waters of the state.

In accordance with applicable federal and state law, the Commissioner has made a tentative decision that continuance of the existing discharge will not cause pollution of the waters of the state and the Commissioner proposes to renew a permit for the discharge to the Stonington Water Pollution Control Facility ("WPCF") via the sanitary sewer system in the village of Mystic.

The proposed permit, if issued by the Commissioner, will require periodic monitoring to demonstrate that the discharge will not cause pollution.

APPLICANT'S PROPOSAL

Mystic Aquarium, a Division of Sea Research Foundation, Inc. proposes to discharge a maximum of up to 43,500 gallons per day of wastewaters generated from filter backwash wastewater and draining and cleaning exhibit tanks and pools to the Stonington WPCF. Discharges previously covered under the *General Permit for the Discharge of Water Treatment Wastewater* have been incorporated into this permit.

The name and mailing address of the permit applicant are: **Mystic Aquarium, a Division of Sea Research Foundation, Inc., 55 Coogan Boulevard, Mystic, CT 06355.**

The activity takes place at: **Mystic Aquarium, 55 Coogan Boulevard, Mystic, CT.**

The proposed activity is within the coastal area, as defined in section 22a-94 of the CGS. Pursuant to section 22a-98 of the CGS, the applicant must demonstrate that the activities are consistent with all applicable goals and policies in section 22a-92 of the CGS, and that such activities incorporate all reasonable measures mitigating any adverse impacts on coastal resources and future water-dependent development activities.

REGULATORY CONDITIONS

Type of Treatment

DSN 201-1: Filter backwash wastewater from outdoor animal exhibit tanks. No treatment is required.

DSN 201-A: Wastewater from fish and invertebrate exhibit tanks. No treatment is required.

Effluent Limitations

This permit contains effluent limitations consistent with a case-by-case determination using the criteria of best professional judgment, which will protect the waters of the state from pollution when all the conditions of this permit have been met.

This permit contains effluent limitations on an internal waste stream.

COMMISSIONER'S AUTHORITY

The Commissioner is authorized to approve or deny such permits pursuant to section 22a-430 of the CGS and the Water Discharge Permit Regulations (sections 22a-430-3 and 4 of the Regulations of Connecticut State Agencies ("RCSA")).

INFORMATION REQUESTS

The application has been assigned the following numbers by the Department of Energy and Environmental Protection. Please use these numbers when corresponding with this office regarding this application.

APPLICATION NO. 201304083

PERMIT I.D. NO. SP0002426

Interested persons may obtain copies of the application from Gayle Sirpenski, Mystic Aquarium, a Division of Sea Research Foundation, Inc., 55 Coogan Boulevard, Mystic, CT 06355. (860) 572-5955.

The application is available for inspection by contacting Mariana Miller, (860) 424-3025, at the Department of Energy and Environmental Protection, Bureau of Materials Management and Compliance Assurance, 79 Elm Street, Hartford, CT 06106-5127, from 8:30-4:30, Monday through Friday.

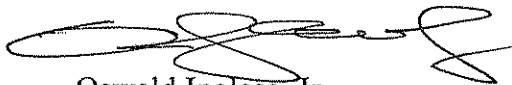
Any interested person may request in writing that his or her name be put on a mailing list to receive any notice of intent to issue any permit to discharge to the surface waters of the state. Such request may be for the entire state or any geographic area of the state and shall clearly state in writing the name and mailing address of the interested person and the area for which notices are requested.

PUBLIC COMMENT

Prior to making a final determination to approve or deny any application, the Commissioner shall consider written comments on the application from interested persons that are received within thirty (30) days of this public notice. Written comments should be directed to Mariana Miller, Department of Energy and Environmental Protection, Bureau of Materials Management and Compliance Assurance, 79 Elm Street, Hartford, CT 06106-5127. The Commissioner may hold a public hearing prior to approving or denying an application if in the Commissioner's discretion the public interest will be best served thereby, and shall hold a hearing upon receipt of a petition signed by at least twenty-five (25) persons. Notice of any public hearing shall be published at least thirty (30) days prior to the hearing.

Petitions for a hearing should include the application number noted above and also identify a contact person to receive notifications. Petitions may also identify a person who is authorized to engage in discussions regarding the application and, if resolution is reached, withdraw the petition. Original petitions must be *mailed or delivered* to: DEEP Office of Adjudications, 79 Elm Street, 3rd floor, Hartford, CT, 06106-5127. Petitions cannot be sent by fax or email. Additional information can be found at www.ct.gov/deep/adjudications.

The Connecticut Department of Energy and Environmental Protection is an Affirmative Action and Equal Opportunity Employer that is committed to complying with the Americans with Disabilities Act. To request an accommodation contact us at (860) 418-5910 or deep.accommodations@ct.gov.



Oswald Inglese, Jr.

Director

Water Permitting and Enforcement Division

Bureau of Materials Management and Compliance Assurance

Dated:

MAY 20 2014