OCT05'22 AM11:07 RCVD

The State of New Hampshire
Department of Environmental Services

Robert R. Scott, Commissioner

75

October 4, 2022

His Excellency, Governor Christopher T. Sununu
and The Honorable Council
State House
Concord, NH 03301

REQUESTED ACTION

Authorize the Department of Environmental Services (NHDES) to **Retroactively** amend a **Sole Source** agreement (PO #1083998) with the Trustees of Dartmouth College (VC #177157-B013), Hanover, NH, by extending the end date to December 31, 2022 from June 30, 2022 to allow additional time for completion of work tasks. The original agreement was approved by Governor & Council on December 22, 2021, Item #77. This is a no cost time extension. 100% Emerging Contaminants.

EXPLANATION

This is a **Retroactive** request because NHDES just this week received the required signatures on the amendment and, therefore, was unable to submit this request for a Governor and Council meeting prior to the June 30, 2022 grant agreement end date. The grant project has taken longer than anticipated due to delays in allocating sufficient resources, delays in receiving laboratory supplies caused by supply chain issues, and a need for the laboratory to revise the analytical approach. Dartmouth believes that this extension will provide the additional time necessary to complete the project.

The purpose of this agreement is to partner and collaborate with the Trustees of Dartmouth, Department of Biological Science (Dartmouth), in researching and evaluating how concentrations of certain per- and polyfluoroalkyl substances (PFAS) in Great Bay, NH, may accumulate in bivalves that are commonly collected by recreational shellfish harvesters. This award is **Sole Source** because Dartmouth is uniquely positioned to conduct this work due to: 1) the development of lab capacity to process samples for PFAS analysis; 2) their current research on seafood consumption by NH residents; and 3) an existing grant from the National Institutes of Environmental Health Science (NIEHS) to evaluate risk from PFAS in seafood.

Funds will support the collection and analysis of sediment and water samples to assess accumulation of PFAS in shellfish samples that are already included in the NIEHS grant work. Dartmouth staff will also collect marketplace samples of seafood items commonly consumed in NH. The selection of these seafood items is based on preliminary survey results of NH residents to identify the most commonly consumed seafood items by residents. To date none of the $65,786 budget has been spent.

The amendment has been approved by the Office of the Attorney General as to form, content, and execution.

We respectfully request approval of this item.

Robert R. Scott, Commissioner

www.des.nh.gov
29 Hazen Drive • PO Box 95 • Concord, NH 03302-0095
(603) 271-3503 • Fax: 271-2867 TDD Access: Relay NH 1-800-735-2964

AMENDMENT #1
TO
GRANT AGREEMENT
BETWEEN
STATE OF NEW HAMPSHIRE
DEPARTMENT OF ENVIRONMENTAL SERVICES
AND
TRUSTEES OF DARTMOUTH COLLEGE

Evaluating Environmental PFAS Concentrations and Bioaccumulation in Great Bay Bivalves

WHEREAS the Department of Environmental Services (DES) has entered into an agreement with Trustees of Dartmouth College (Dartmouth) in the amount of $65,786 for collection and analysis of sediment and shellfish samples from within the Great Bay Estuary, effective December 22, 2021 through June 30, 2022.

WHEREAS DES wishes to extend the agreement completion date from June 30, 2022 to December 31, 2022.

NOW THEREFORE, amend the original agreement between DES and Dartmouth as approved by Governor and Council on December 22, 2021, as Item #77 in the following manner:

1. The completion date set forth in Section B of the Grant Agreement shall be changed from June 30, 2022 to December 31, 2022.

2. The deliverables schedule in Section E of the Grant Agreement shall be updated with the new timeline indicated below.

Deliverables	Timeline
Collected shellfish, surface water and sediment samples	December 2021
Sample preparation for PFAS analysis, QA/QC review	December 2021 - October 2022
Report preparation and draft submission to NHDES	October 2022 - November 2022
Review and preparation of final report	November 2022 - December 2022

3. This Amendment shall take effect upon the date of Governor and Council approval.

4. All other conditions outlined in the agreement shall remain in effect.

IN WITNESS WHEREOF, the parties have hereunto set their hands as of the day and year written below.

THE STATE OF NEW HAMPSHIRE
DEPARTMENT OF ENVIRONMENTAL SERVICES

By: _____
Robert R. Scott, Commissioner
Department of Environmental Services

TRUSTEES OF DARTMOUTH COLLEGE

By: _____ Jill Mortali
Jill Mortali, Director, Office
Sponsored Projects

Approval by OFFICE OF THE ATTORNEY GENERAL:
As to form, substance and execution

Date: 10/14/2022 By: _____

Approval by Governor and executive council:

Date: _____ By: _____

DARTMOUTH

Board of Trustees

Hanover, New Hampshire, 03755

CERTIFICATE

I, Laura H. Hercod, hereby certify that I am Assistant Clerk of Trustees of Dartmouth College, a corporation created by Royal Charter and existing under the laws of the State of New Hampshire; that as Assistant Clerk I have custody of the records of meetings of the Board of Trustees of said corporation; and that at a meeting of said Board duly called and held on the 9th day of April, 2011 at which a quorum was present and acting throughout, the following vote was adopted:

> VOTED: To approve the Signature and Requisition Authority Policy, effective July 1, 2011 or such earlier date as the Executive Vice President/Chief Financial Officer shall determine. The provisions of the Signature and Requisition Authority Policy shall take precedence over any previous inconsistent vote of the Board of Trustees.

I further certify that said Board voted to adopt amendments to the Signature and Requisition Authority Policy on March 3, 2012 (effective January 1, 2012), September 22, 2013, January 2, 2014, March 8, 2014, November 8, 2014, September 17, 2016, March 4, 2017, November 4, 2017, and November 3, 2018 and that pursuant to authority granted in the policy, amendments by the Executive Vice President and the Provost were made August 7, 2015 (effective July 1, 2015), as amended on September 17, 2016, April 10, 2017, October 13, 2017, and as further amended on October 18, 2018. The document is available on Dartmouth's website at:
https://www.dartmouth.edu/finance/documents/purchasing_tab_documents/signature_authority_policy.pdf

I further certify that said vote remains in full force and effect as of the date hereof and is not contrary to any provision of the Charter of said corporation.

I further certify that attached hereto is a true and correct copy of the Introduction and the Sponsored Activities Administration and Intellectual Property Transactions section (Appendix G) of the said Signature and Requisition Authority Policy.

I further certify that the following persons were appointed to the positions opposite their respective names and continue to serve in said positions as of the dates shown:

David Kotz	Interim Provost	July 1, 2021
Dean Madden	Vice Provost for Research	July 1, 2017
Dianne Ingalls	Controller	July 1, 2020
Jill Mortali	Director, Office of Sponsored Projects	September 15, 2008
Stephanie Morgan	Senior Grants Associate	January 1, 2020
Renee Brown	Senior Grants Associate	January 1, 2020
Sherrie Read	Contracts Manager	March 1, 2019

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the seal of the corporation this 29 day of August, 2022.

Laura H. Hercod

Laura H. Hercod, Assistant Clerk
Trustees of Dartmouth College

State of New Hampshire

Department of State

CERTIFICATE

I, David M. Scanlan, Secretary of State of the State of New Hampshire, do hereby certify that TRUSTEES OF DARTMOUTH COLLEGE a New Hampshire State Chartered (Legislative) formed to transact business in New Hampshire on December 13, 1769. I further certify that it has paid the fees required by law and has not dissolved.

Business ID: 66740

Certificate Number: 0005852704

IN TESTIMONY WHEREOF,

I hereto set my hand and cause to be affixed the Seal of the State of New Hampshire, this 29th day of August A.D. 2022.

David M. Scanlan

Secretary of State

ACORD

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
07/01/2022

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER
Marsh USA Inc.
1717 Arch Street
Philadelphia, PA 19103-2797

J09254-DART-GAWUP-22-23

CONTACT NAME:
PHONE (A/C, No, Ext):
FAX (A/C, No):
E-MAIL ADDRESS:

INSURER(S) AFFORDING COVERAGE	NAIC #
INSURER A : N/A	N/A
INSURER B : N/A	N/A
INSURER C : N/A	N/A
INSURER D : Midwest Employers Casualty Company	23612
INSURER E : National Fire Insurance Of Hartford	20478
INSURER F : Transportation Insurance Co	20494

INSURED
TRUSTEES OF DARTMOUTH COLLEGE
6012 NORTH FAIRBANKS
8 CEMETERY LANE
HANOVER, NH 03755

COVERAGES

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
	COMMERCIAL GENERAL LIABILITY						EACH OCCURRENCE	$
	CLAIMS-MADE / OCCUR						DAMAGE TO RENTED PREMISES (Ea occurrence)	$
							MED EXP (Any one person)	$
							PERSONAL & ADV INJURY	$
	GEN'L AGGREGATE LIMIT APPLIES PER:						GENERAL AGGREGATE	$
	POLICY / PRO-JECT / LOC						PRODUCTS - COMP/OP AGG	$
	OTHER:							$
	AUTOMOBILE LIABILITY						COMBINED SINGLE LIMIT (Ea accident)	$
	ANY AUTO						BODILY INJURY (Per person)	$
	OWNED AUTOS ONLY / SCHEDULED AUTOS						BODILY INJURY (Per accident)	$
	HIRED AUTOS ONLY / NON-OWNED AUTOS ONLY						PROPERTY DAMAGE (Per accident)	$
								$
	UMBRELLA LIAB / OCCUR						EACH OCCURRENCE	$
	EXCESS LIAB / CLAIMS-MADE						AGGREGATE	$
	DED / RETENTION $							$
E	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY			6024204717 (AOS)	07/01/2022	07/01/2023	X PER STATUTE / OTH-ER	
F	ANYPROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) Y/N: N	N/A		6024204720 (CA)	07/01/2022	07/01/2023	E.L. EACH ACCIDENT	$ 1,000,000
D	If yes, describe under DESCRIPTION OF OPERATIONS below			EWC008364 (NH) "Below SIR Applies"	07/01/2021	07/01/2023	E.L. DISEASE - EA EMPLOYEE	$ 1,000,000
				SIR: $1,000,000			E.L. DISEASE - POLICY LIMIT	$ 1,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

CERTIFICATE HOLDER

FOR INFORMATIONAL PURPOSES ONLY

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE
of Marsh USA Inc.
Manashi Mukherjee

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CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY) 07/01/2022

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER
Marsh USA Inc.
1717 Arch Street
Philadelphia, PA 19103-2797

J09254-DART-GAWUP-22-23

INSURED
TRUSTEES OF DARTMOUTH COLLEGE
6012 NORTH FAIRBANKS
8 CEMETERY LANE
HANOVER, NH 03755

CONTACT NAME:
PHONE (A/C, No, Ext):
FAX (A/C, No):
E-MAIL ADDRESS:

INSURER(S) AFFORDING COVERAGE	NAIC #
INSURER A : Pinnacle Consortium of Higher Ed VT RRRG	11980
INSURER B : Safety National Casualty Corporation	15105
INSURER C : N/A	N/A
INSURER D : N/A	N/A
INSURER E : N/A	N/A
INSURER F : N/A	N/A

COVERAGES

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
A	X COMMERCIAL GENERAL LIABILITY			PCHE2022-03	07/01/2022	07/01/2023	EACH OCCURRENCE	$ 5,000,000
	CLAIMS-MADE X OCCUR						DAMAGE TO RENTED PREMISES (Ea occurrence)	$ 5,000,000
							MED EXP (Any one person)	$ 5,000
							PERSONAL & ADV INJURY	$ 5,000,000
	GEN'L AGGREGATE LIMIT APPLIES PER:						GENERAL AGGREGATE	$ 10,000,000
	X POLICY PRO-JECT LOC						PRODUCTS - COMP/OP AGG	$ 5,000,000
	OTHER:							$
B	AUTOMOBILE LIABILITY			CA6675686	07/01/2022	07/01/2023	COMBINED SINGLE LIMIT (Ea accident)	$ 2,000,000
	X ANY AUTO			'SELF-INSURED FOR'			BODILY INJURY (Per person)	$
	OWNED AUTOS ONLY / SCHEDULED AUTOS			'PHYSICAL DAMAGE'			BODILY INJURY (Per accident)	$
	HIRED AUTOS ONLY / NON-OWNED AUTOS ONLY						PROPERTY DAMAGE (Per accident)	$
								$
	UMBRELLA LIAB / OCCUR						EACH OCCURRENCE	$
	EXCESS LIAB / CLAIMS-MADE						AGGREGATE	$
	DED / RETENTION $							$
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY						PER STATUTE / OTH-ER	
	ANYPROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? Y / N	N / A					E.L. EACH ACCIDENT	$
	(Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below						E.L. DISEASE - EA EMPLOYEE	$
							E.L. DISEASE - POLICY LIMIT	$

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

EVIDENCE OF INSURANCE

CERTIFICATE HOLDER

Trustees of Dartmouth College
6012 North Fairbanks
8 Cemetery Lane
Hanover, NH 03755

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE
of Marsh USA Inc.

Manashi Mukherjee

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The State of New Hampshire

Department of Environmental Services

Robert R. Scott, Commissioner

November 29, 2021

PO 1083998

His Excellency, Governor Christopher T. Sununu
and The Honorable Council
State House
Concord, NH 03301

APPROVED G & C
DATE 22 December 2021
ITEM # 77

REQUESTED ACTION

Authorize the Department of Environmental Services (NHDES) to enter into a **SOLE SOURCE** agreement with the Trustees of Dartmouth College(VC #177157-B013), Hanover, NH, in the amount of $65,786 to assist in evaluating environmental per- and polyfluoroalkyl substance (PFAS) concentrations and bioaccumulation in Great Bay bivalves, effective upon Governor and Council approval through June 30, 2022. 100% Emerging Contaminants.

Funding is available in the following account:

WUC11915100 RQ277628 FY 2022 $ 65,786

03-44-44-444010-88730000-102-500731
Dept. of Environmental Services, Emerging Contaminants, Contracts for Program Services

EXPLANATION

The purpose of this agreement is to partner and collaborate with the Trustees of Dartmouth, Department of Biological Science (Dartmouth), in researching and evaluating how concentrations of certain per- and polyfluoroalkyl substances (PFAS) in Great Bay, NH, may accumulate in bivalves that are commonly collected by recreational shellfish harvesters. This award is **SOLE SOURCE** because Dartmouth is uniquely positioned to conduct this work due to: 1) the development of lab capacity to process samples for PFAS analysis; 2) their current research on seafood consumption by NH residents; and 3) an existing grant from the National Institutes of Environmental Health Science (NIEHS) to evaluate risk from PFAS in seafood.

Funds will support the collection and analysis of sediment and water samples to assess accumulation of PFAS in shellfish samples that are already included in the NIEHS grant work. Dartmouth staff will also collect marketplace samples of seafood items commonly consumed in NH. The selection of these seafood items is based on preliminary survey results of NH residents to identify the most commonly consumed seafood items by residents.

Total project costs are budgeted at $65,786. A budget breakdown is provided in the Cooperative Project Agreement, attached. In the event that Emerging Contaminants funds become no longer available, General Funds will not be requested to support this program.

www.des.nh.gov
29 Hazen Drive • PO Box 95 • Concord, NH 03302-0095
(603) 271-3503 • Fax: 271-2867 TDD Access: Relay NH 1-800-735-2964

9/8/4320

The agreement has been approved by the Office of the Attorney General as to form, content, and execution.

We respectfully request approval of this item.

Robert R. Scott, Commissioner

Attachments

GRANT AGREEMENT
between the
STATE OF NEW HAMPSHIRE, **Trustees of Dartmouth College**

A. This Cooperative Project Agreement (hereinafter "Project Agreement") is entered into by the State of New Hampshire, **New Hampshire Department of Environmental Services**, (hereinafter "State"), and the **Trustees of Dartmouth College** (hereinafter "Dartmouth") for the purpose of undertaking a project of mutual interest. This Cooperative Project shall be carried out under the terms and conditions outlined in this Agreement.

B. This Project Agreement and all obligations of the parties hereunder shall become effective on the date the Governor and Executive Council of the State of New Hampshire approve this Project Agreement ("Effective date") and shall end on **06/30/2022**.

C. The work to be performed under the terms of this Project Agreement is described in the proposal identified below and attached to this document as Exhibit A, the content of which is incorporated herein as a part of this Project Agreement.

Project Title: **Evaluating Environmental PFAS Concentrations and Bioaccumulation in Great Bay Bivalves**

D. The Following Individuals are designated as Project Administrators. These Project Administrators shall be responsible for the business aspects of this Project Agreement and all invoices, payments, project amendments and related correspondence shall be directed to the individuals so designated.

State Project Administrator

Name: Amy Rousseau
Address: NH Department of Env. Services
29 Hazen Drive
PO Box 95
Concord, NH 03301
Phone: 603-271-8801

Campus Project Administrator

Name: Jill Mortali
Address: Trustees of Dartmouth College
Office of Sponsored Projects
11 Rope Ferry Road #6210
Hanover, NH 03755
Phone: 603-646-0678

E. The Following Individuals are designated as Project Directors. These Project Directors shall be responsible for the technical leadership and conduct of the project. All progress reports, completion reports and related correspondence shall be directed to the individuals so designated.

State Project Director

Name: Jonathan Petali
Address: NH Department of Env. Services
29 Hazen Drive
PO Box 95
Concord, NH 03301
Phone: 603-271-1359

Campus Project Director

Name: Celia Chen, PhD
Address: Dartmouth College
Department of Biological Science
One Medical Center Drive, HB 6044
Hanover, NH 03755
Phone: 603-646-2376

F. Total State funds in the amount of $65,786 have been allotted and are available for payment of allowable costs incurred under this Project Agreement. State will not reimburse Dartmouth for costs exceeding the amount specified in this paragraph.

Check if applicable

☐ Campus will cost-share % of total costs during the term of this Project Agreement.

☐ Federal funds paid to Campus under this Project Agreement are from Cooperative Agreement No. from under CFDA# . Federal regulations required to be passed through to Campus as part of this Project Agreement, and in accordance with this Agreement, are attached to this document as Exhibit B, the content of which is incorporated herein as a part of this Project Agreement

H. ☒ State has chosen **not to take** possession of equipment purchased under this Project Agreement.

☐ State has chosen **to take** possession of equipment purchased under this Project Agreement and will issue instructions for the disposition of such equipment within 90 days of the Project Agreement's end-date. Any expenses incurred by Campus in carrying out State's requested disposition will be fully reimbursed by State.

This Project Agreement constitutes the entire agreement between State and Dartmouth regarding this Cooperative Project, and supersedes and replaces any previously existing arrangements, oral or written; all changes herein must be made by written amendment and executed for the parties by their authorized officials.

IN WITNESS WHEREOF, the Trustees of Dartmouth College and the State of New Hampshire, **Department of Environmental Services** have executed this Project Agreement.

By An Authorized Official of:
Trustees of Dartmouth
Name: Jill Mortali
Title: Director , Office of Sponsored Projects
Signature and Date:
11/10/21

By An Authorized Official of:
Department of Environmental Services
Name: Robert R. Scott
Title: Commissioner
Signature and Date:
11/30/21

By An Authorized Official of: the New Hampshire Office of the Attorney General
Name: Joshua Harrison
Title: Assistant Attorney General
Signature and Date:
12/7/2021

By An Authorized Official of: the New Hampshire Governor & Executive Council
Name:
Title:
Signature and Date:

EXHIBIT A – SCOPE OF SERVICES

A. **Project Title:** Evaluating Environmental PFAS Concentrations and Bioaccumulation in Great Bay Bivalves

B. **Project Period:** This Project Agreement shall become effective on the date the Governor and Executive Council of the State of New Hampshire approve this Project Agreement and shall continue until June 30, 2022, unless extended in accordance with the terms of the Agreement.

C. **Objectives:** The objective of this research is to evaluate how concentrations of certain per- and polyfluoroalkyl substances (PFAS) in the Great Bay, NH, may accumulate into bivalves commonly collected by recreational shellfish harvesters.

D. **Scope of Work:** Dartmouth staff will collaborate with NHDES staff to collect water, sediment and shellfish samples from within the Great Bay Estuary. Sampling will focus on sites relevant to recreational shellfish harvesters and will be identified in collaboration with the NHDES Shellfish Program. NHDES Staff will assist with shellfish collection from sites in the Great Bay. Dartmouth staff will conduct preparation and analyses of all samples of surface water, sediments and certain bivalves collected from the Great Bay.

This work is part of an ongoing effort to understand the impacts of PFAS on the Great Bay. Dartmouth College is uniquely positioned to conduct this work due to: 1) the development of lab capacity to process samples for PFAS analysis; 2) their current research on seafood consumption by NH residents; and 3) an existing grant from National Institutes of Environmental Health Science (NIEHS) to evaluate risk from PFAS in seafood. The funds in this current contract would support the collection and analysis of sediment and water samples to assess accumulation of PFAS in shellfish samples that are already included in the NIEHS grant work.

Dartmouth staff will also collect marketplace samples of seafood items commonly consumed in NH. The selection of these seafood items is based on preliminary survey results of NH residents to identify the most commonly consumed seafood items by residents.

The results of this study will be reported back to NHDES to inform consumption advisories, as well as program planning for the Environmental Health Program, Shellfish Program and the Watershed Management Bureau. Findings will also be shared with appropriate legislative commissions, partners in seafood and aquaculture industries and Seacoast community organizations.

E. **Deliverables Schedule:**

Deliverables	Timeline
Collected shellfish, surface water and sediment samples	December 2021
Sample preparation for PFAS analysis, QA/QC review	December 2021-February 2022

Report preparation and draft submission to NHDES	March 2022-April 2022
Review and preparation of final report	April 2022-May 2022

F. Budget: **$65,786**

Supplies	$3,800
Analysis	$27,100
Salary	$6,725
Fringe	$2,488
IDC (64%)	$25,673

EXHIBIT B – PAYMENT SCHEDULE

1) The state shall pay the contractor an amount not to exceed $65,786. Price limitation for the services provided by the contractor pursuant to Exhibit A - Scope of Services.
2) This contract if funded with funds from state accounting unit 8873 Emerging Contaminants as appropriated to NHDES in House Bill 4 (Chapter 346:304, L'20), and as extended, for the purpose of studying, investigating, and testing for contamination caused by PFAS.
3) The Contractor agrees to provide the services in Exhibit A, Scope of Service in compliance with funding requirements. Failure to meet the scope of services may jeopardize the funded contractors current and/or future funding.
4) Payment for said services shall be paid monthly as follows:
    a. Payment shall be on a cost reimbursement basis for actual expenditures incurred in the fulfillment of this agreement and shall be in accordance with the approved items.
    b. The contractor will submit an invoice in a form satisfactory to the State by the twentieth working day of each month which identifies and requests reimbursement for authorized expenses incurred in the prior month. The invoice will include detail about hours worked. The invoice must be completed, signed and returned in order to initiate payment.
    c. The State shall make payment to the contractor within thirty (30) days of receipt of each invoice, subsequent to approval of the submitted invoice and if sufficient funds are available. Contractors will keep detailed records of their activities related to NHDES funded programs and services.

d. The final invoice shall be due to the State no later than forty-five (45) days following the project end date of 6/30/2022. Requests submitted after this date may be denied.

e. All obligations of NHDES and the State of New Hampshire are contingent upon availability and continued appropriation of funds for the services.

f. In lieu of hard copies, all invoices may be assigned by an electronic signature and emailed.

DARTMOUTH

Board of Trustees

Hanover, New Hampshire, 03755

CERTIFICATE

I, Laura H. Hercod, hereby certify that I am Assistant Clerk of Trustees of Dartmouth College, a corporation created by Royal Charter and existing under the laws of the State of New Hampshire; that as Assistant Clerk I have custody of the records of meetings of the Board of Trustees of said corporation; and that at a meeting of said Board duly called and held on the 9th day of April, 2011 at which a quorum was present and acting throughout, the following vote was adopted:

> VOTED: To approve the Signature and Requisition Authority Policy, effective July 1, 2011 or such earlier date as the Executive Vice President/Chief Financial Officer shall determine. The provisions of the Signature and Requisition Authority Policy shall take precedence over any previous inconsistent vote of the Board of Trustees.

I further certify that said Board voted to adopt amendments to the Signature and Requisition Authority Policy on March 3, 2012 (effective January 1, 2012), September 22, 2013, January 2, 2014, March 8, 2014, November 8, 2014, September 17, 2016, March 4, 2017, November 4, 2017, and November 3, 2018 and that pursuant to authority granted in the policy, amendments by the Executive Vice President and the Provost were made August 7, 2015 (effective July 1, 2015), as amended on September 17, 2016, April 10, 2017, October 13, 2017, and as further amended on October 18, 2018. The document is available on Dartmouth's website at:
https://www.dartmouth.edu/finance/documents/purchasing_tab_documents/signature_authority_policy.pdf

I further certify that said vote remains in full force and effect as of the date hereof and is not contrary to any provision of the Charter of said corporation.

I further certify that attached hereto is a true and correct copy of the Introduction and the Sponsored Activities Administration and Intellectual Property Transactions section (Appendix G) of the said Signature and Requisition Authority Policy.

I further certify that the following persons were appointed to the positions opposite their respective names and continue to serve in said positions as of the dates shown:

David Kotz	Interim Provost	July 1, 2021
Dean Madden	Vice Provost for Research	July 1, 2017
Dianne Ingalls	Controller	July 1, 2020
Jill Mortali	Director, Office of Sponsored Projects	September 15, 2008
Stephanie Morgan	Senior Grants Associate	January 1, 2020
Renee Brown	Senior Grants Associate	January 1, 2020
Sherrie Read	Contracts Manager	March 1, 2019

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the seal of the corporation this 18 day of November, 2021.

Laura H. Hercod

Laura H. Hercod, Assistant Clerk
Trustees of Dartmouth College

State of New Hampshire

Department of State

CERTIFICATE

I, William M. Gardner, Secretary of State of the State of New Hampshire, do hereby certify that TRUSTEES OF DARTMOUTH COLLEGE a New Hampshire State Chartered (Legislative) formed to transact business in New Hampshire on December 13, 1769. I further certify that it has paid the fees required by law and has not dissolved.

Business ID: 66740

Certificate Number: 0005467361

IN TESTIMONY WHEREOF,
I hereto set my hand and cause to be affixed
the Seal of the State of New Hampshire,
this 15th day of November A.D. 2021.

William M. Gardner
Secretary of State

ACORD

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY) 08/12/2021

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER
Marsh USA Inc.
1717 Arch Street
Philadelphia, PA 19103-2797

J09254-DART-GAWUP-21-22

CONTACT NAME:
PHONE (A/C, No, Ext):
FAX (A/C, No):
E-MAIL ADDRESS:

INSURER(S) AFFORDING COVERAGE	NAIC #
INSURER A : Pinnacle Consortium of Higher Ed VT RRRG	11980
INSURER B : Safety National Casualty Corporation	15105
INSURER C : Genesis Insurance Company	38962
INSURER D : N/A	N/A
INSURER E : N/A	N/A
INSURER F : N/A	N/A

INSURED
TRUSTEES OF DARTMOUTH COLLEGE
6012 NORTH FAIRBANKS
8 CEMETERY LANE
HANOVER, NH 03755

COVERAGES

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
A	X COMMERCIAL GENERAL LIABILITY			PCHE2021-03	07/01/2021	07/01/2022	EACH OCCURRENCE	$ 3,000,000
	CLAIMS-MADE X OCCUR						DAMAGE TO RENTED PREMISES (Ea occurrence)	$ 3,000,000
							MED EXP (Any one person)	$ 5,000
							PERSONAL & ADV INJURY	$ 3,000,000
	GEN'L AGGREGATE LIMIT APPLIES PER						GENERAL AGGREGATE	$ 6,000,000
	X POLICY PRO-JECT LOC						PRODUCTS - COMP/OP AGG	$ 3,000,000
	OTHER							$
B	AUTOMOBILE LIABILITY			CA6675686	07/01/2021	07/01/2022	COMBINED SINGLE LIMIT (Ea accident)	$ 2,000,000
	X ANY AUTO			SELF-INSURED FOR			BODILY INJURY (Per person)	$
	OWNED AUTOS ONLY / SCHEDULED AUTOS			PHYSICAL DAMAGE			BODILY INJURY (Per accident)	$
	HIRED AUTOS ONLY / NON-OWNED AUTOS ONLY						PROPERTY DAMAGE (Per accident)	$
								$
C	X UMBRELLA LIAB / X OCCUR			YUB 301084N	07/01/2021	07/01/2022	EACH OCCURRENCE	$ 2,000,000
	EXCESS LIAB / CLAIMS-MADE						AGGREGATE	$ 2,000,000
	DED / RETENTION $							$
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY						PER STATUTE / OTH-ER	
	ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? Y / N (Mandatory in NH)	N/A					E.L. EACH ACCIDENT	$
	If yes, describe under DESCRIPTION OF OPERATIONS below						E.L. DISEASE - EA EMPLOYEE	$
							E.L. DISEASE - POLICY LIMIT	$
A	PROFESSIONAL LIABILITY			PCHE2021-03	07/01/2021	07/01/2022	EACH CLAIM	3,000,000
							AGGREGATE	3,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

EVIDENCE OF INSURANCE

Note: The umbrella liability policy # YUB301084N provides excess coverage over the professional liability policy # PCHE2021-03.

CERTIFICATE HOLDER

NH Department of Environmental Services
29 Hazen Drive
PO Box 95
Concord, NH 03301

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE of Marsh USA Inc.
Manashi Mukherjee

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The ACORD name and logo are registered marks of ACORD