

Bureau of Waste Site Cleanup Advisory Committee Meeting

February 26, 2026

** This meeting is being recorded.*



WSC Advisory Committee Meeting Agenda

Welcome / Agenda Review – Adoption

Millie Garcia-Serrano, BWSC

21E Program Updates - 30 minutes

- Administrative & Brownfields (5)
- Policy & Program Development (10)
- ER & MOSPRA (5)
- Natural Resource Damages (5)
- Technical & Financial Support (5)

Millie Garcia-Serrano, BWSC

Brian Roden, BWSC

Cathy Kiley, BWSC

Michelle Craddock, BWSC

Linda Stafford, BWSC

LSP Board Updates - 5 minutes

Terry Wood, LSP Board

LSP Association Updates - 5 minutes

Katherine Kudzma, LSP Association

Advisory Committee Refresh – 10 minutes

Millie Garcia-Serrano, BWSC



WSC Advisory Committee Meeting Agenda

Draft AEPMM Operating Regimen - 20 minutes

John Fitzgerald, BWSC/NERO

Draft VPH/EPH Guidance Update - 10 minutes

John Fitzgerald, BWSC/NERO

Vapor Intrusion Guidance Update - 10 minutes

Brian Roden, BWSC

**Invited Speaker Presentation:
Oiled Wildlife Response in Cape Cod and
Southeastern MA - 15 minutes**

Zak Mertz & Dr. Priya Patel, New
England Wildlife Centers

Wrap-Up & Q&A – 15 minutes

Millie Garcia-Serrano, BWSC

Next WSC Advisory Committee Meeting:
Thursday, May 21st, 2026 (**Hybrid**)

Total: 120 minutes



Administrative Updates



MassDEP

Commonwealth of Massachusetts
Department of Environmental Protection

Millie Garcia-Serrano, MPH, Assistant Commissioner
MassDEP | Bureau of Waste Site Cleanup

Administrative Updates

- Legislative Update
 - [Mass Ready](#), PFAS legislation under review by legislature
 - Current legislative session ends July 31st
- MassDEP Budget Update
 - Governor's proposed budget balances statewide federal cuts and ensures agencies can continue to provide critical programming
- BWSC Staff Changes
 - CERO – John Bourcier is Acting ER Chief (following retirement of Tony Kurpaska)
 - NERO – Tiffany Duhl is Acting Chief of Site Management & Brownfields; Andrew Friedmann is Section Chief of Risk Reduction & Data Management (following retirements of Joanne Fagan & Kyle McAfee)



Brownfields Program Updates



Millie Garcia-Serrano, MPH, Assistant Commissioner
MassDEP | Bureau of Waste Site Cleanup

Collaboration & Teamwork

David Foss
Boston

Abby Anderson
Boston (EJ)

Tiffany Duhl
Woburn

Since
January
2026

Kait Carvalho
Lakeville

Caprice Shaw
Springfield

Kevin Daoust
Worcester



2026 Roundtables: Being Planned

Policy & Program Development Updates



MassDEP

Commonwealth of Massachusetts
Department of Environmental Protection

Brian Roden, Policy & Program Development
MassDEP | Bureau of Waste Site Cleanup

Policy/Guidance Updates

FINAL COMPLETE:

- AULs
- Off-Gas Treatment
- MCP Amendments Q&As
- CAMs
 - PFAS CAM (Method 1633) (22 of 22)

PUBLIC COMMENT

(**released** or soon to be)

- Risk Characterization
- Engineered Barriers
- Financial Assurance Mechanisms
- Public Involvement
- **COMM-26 Soils**
- AEPMM Operating Regimen
- VPH/EPH Update

IN PROGRESS:

- Master Q&A
- UST Closure Assessment Manual
- Vapor Intrusion
- PFAS Q&A
- PFAS Interim Sampling
- PFAS CAM (Method 533)
- **MNA Training**
- AUL Training (spring 2026)

STILL NEEDED:

- Monitored Natural Attenuation
- Asbestos in Soil
- Capping SOP
- COMM-97/COMM-94
- Historic Fill
- Coal Tar Characterization

Technical Assistance Grants (FY26-27)

- \$120k awarded to 6 recipients (\$20k each)
- Recipients
 - Nantucket PFAS Action Group, Inc. (Nantucket, MA)
 - Lunt Neighborhood Action Group, Inc. (Greenfield, MA)
 - Town of Barnstable Department of Public Works (DPW)
 - Town of Lee
 - Westfield Residents Advocating for Themselves, Inc. (Westfield, MA)
 - Town of Westminster



<https://www.mass.gov/info-details/technical-assistance-grants-waste-site-cleanup>



Emergency Response & MOSPRA Program Updates



MassDEP

Commonwealth of Massachusetts
Department of Environmental Protection

Cathy Kiley, Emergency Planning & Response Coordinator
MassDEP | Bureau of Waste Site Cleanup

Emergency Response Highlights

- **FY26 – 2/17/26: 673 Releases/708 Complaints**
 - **Release Notifications** - majority are 2-hr notifications (457); majority of 2-hr Notifications are Roadway (127)
 - **Examples of Other 2-Hr Notifications**
 - Medford, RTN 3-53778, HHO delivery to wrong address
 - Dartmouth, RTN 4-52575, Plane Crash, Jet Fuel
 - Arlington, RTN 3-52975, Cable system – mineral oil/dielectric oil



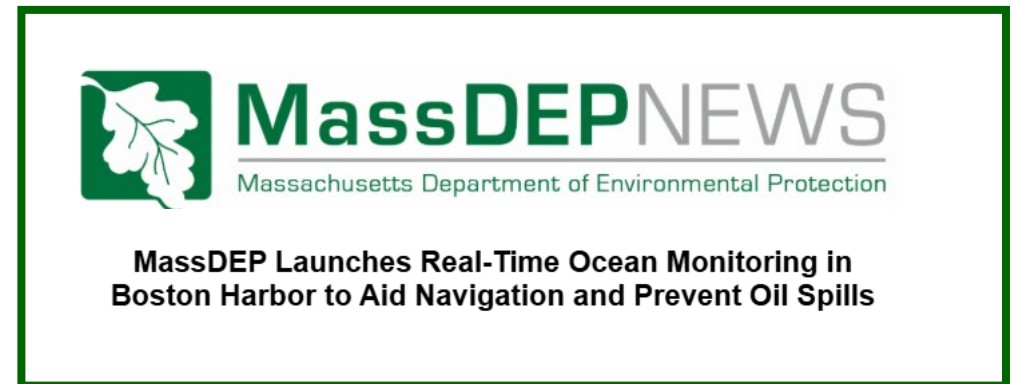
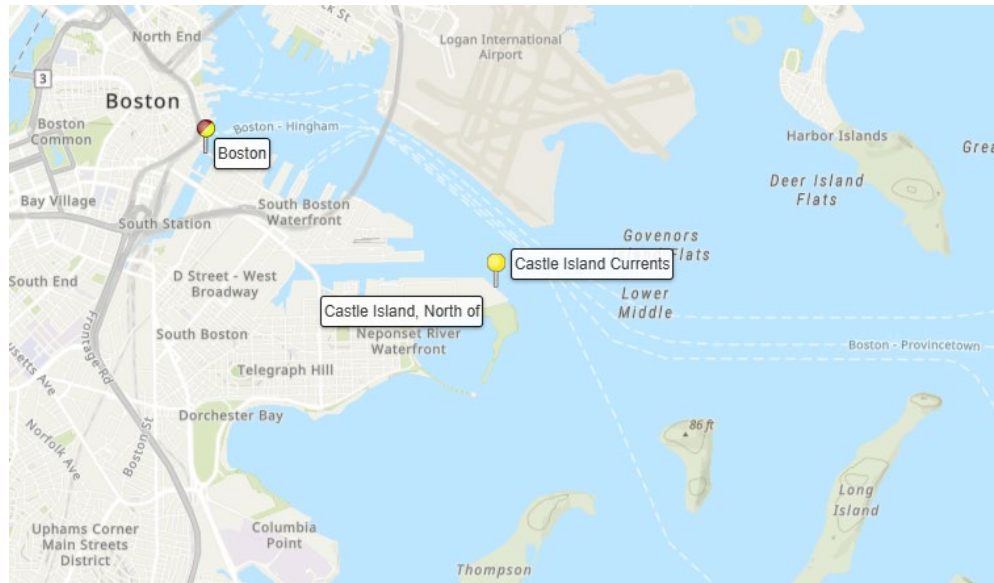
MOSPRA Highlights

- **Geographic Response Strategy (GRS) Testing/First Responder Training**
 - 6 Exercises/Training in Spring 2026. Dates will be finalized during planning meetings:
 - Fall River
 - Beverly/Salem/Danvers
 - Chelsea/Everett
 - Brewster/Dennis/Harwich
 - Dartmouth/Westport
 - Wellfleet/Truro/Provincetown
- **Oil Spill Trailers** - In 2026, plan to replace 5 trailers due to age/condition. Replacement Trailers delivered to New Bedford and Falmouth in February 2026.
- **Grant Program:**
 - Round 3 – FY2026 – Announce Grant in March 2026 – expect to award >\$1 million in grants
- **Website:** <https://www.mass.gov/oil-spill-prevention-response>



MOSPRA Highlights

- **Physical Oceanographic Real Time Systems (PORTS) – BOSTON HARBOR**
- **MassDEP Partnership with NOAA - Meteorological Station and Current Meter at Massport Conley Terminal (operational 2/17/26)**
 - Continuous, real-time data on currents, winds, air temperature, and barometric pressure, delivering critical situational awareness for commercial vessel pilots, port operators, emergency responders, oil-spill response teams, and recreational users



- **Website:** <https://tidesandcurrents.noaa.gov/ports/index.html?port=bh>



Natural Resource Damages (NRD) Program Updates



MassDEP

Commonwealth of Massachusetts
Department of Environmental Protection

Michelle Craddock, NRD Program Manager
MassDEP | Bureau of Waste Site Cleanup

Natural Resource Damages Highlights

- Management of NRD Claims and Settlements
 - As of February 2026, the Commonwealth has settled 30 NRD claims worth approximately \$82.6M
 - 14 NRD cases in assessment/negotiation/restoration
 - 10 active grant awards/interdepartmental service agreements for restoration projects funded by NRD settlements
- Upcoming Grant Opportunities
 - Mystic River Restoration (Spring 2026)



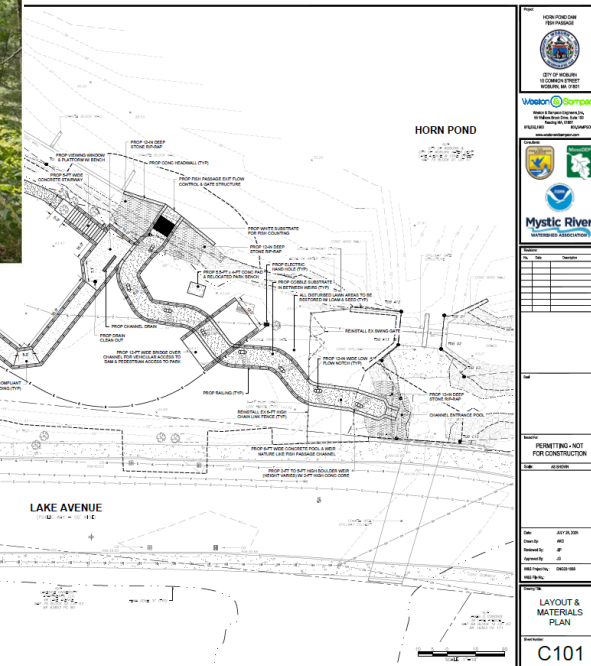
Natural Resource Damages Program

Upcoming NRD Restoration Implementation

- Construction of 2 wetland/floodplain restoration projects in Tewksbury (Sutton Brook)
- Construction of nature like fish passage in Woburn (Industri-Plex)



Tewksbury | Poplar Street Fill Removal
2025



Technical & Financial Support (TFS) Program Updates



MassDEP

Commonwealth of Massachusetts
Department of Environmental Protection

Linda Stafford, Division Director, TFS
MassDEP | Bureau of Waste Site Cleanup

Procurement Acquisition & Contract Administration

TFS Procures Master Service Agreements to allow swift access to our pool of contractors who provide response and support services for:

- Emergency Responses for the release of oil or hazardous materials to the environment
- Immediate Response Actions
- Site Assessment and Remediation Support Services
- Marine Oil Spill Prevention and Response Services
- Natural Resource Damages Program for restoration projects
- Laboratory Analytical Support Services
- Operation and Maintenance activities at Superfund sites transferred to the State by EPA



Cost Recovery & Fee Program

Provides a significant source of revenue for BWSC and the Commonwealth averaging about \$10M per year from:

- Annual Compliance Fees - charged to PRPs performing response actions, and meant to reimburse the Commonwealth for MassDEP's costs to administer, implement & monitor the 21E and MCP program
- Cost Recovery - attempts to recover costs incurred by MassDEP to perform response action work that PRPs should be performing. Costs include contractor costs and MassDEP staff labor costs during the period of the response action by MassDEP
- Transporter Fees - recover the Commonwealth's costs for assessing, containing, and removing releases and threats of oil and hazardous materials to the environment



Data Management and Information Technology Support Services

Support BWSC's information management systems and processes, computer/data management functions, and hardware and software needs including:

- Project Management System
- Project Financial System tracking
- BEAR System
- eDEP
- File Viewer



Financial Management

TFS Prepares, Tracks and Manages BWSC's:

- Capital Budget (bonds that fund 21E program and its activities)
- Operating Budget (salaries and operating expenses)
- Trust Funds (NRD, MOSPRA and others)
- Acquisition of equipment, supplies, and services
- Financial Administration (accounts payable, encumbrance management, Federal grant program financial administration and reporting)



Licensed Site Professional Board Updates



MassDEP

Commonwealth of Massachusetts
Department of Environmental Protection

Terry Wood, Executive Director
MA Licensed Site Professional Board (LSPB)

Licensed Site Professional Association Updates



MassDEP

Commonwealth of Massachusetts
Department of Environmental Protection

Katherine Kudzma, LSPA Board of Directors
MA Licensed Site Professional Association (LSPA)



LSPA UPDATE

*MassDEP BWSC Advisory Committee Meeting
February 26, 2026*



WWW.LSPA.ORG



UPCOMING COURSES & MEETINGS

- **March 4: Course:** *Fundamentals of Organic Chemistry, Part I (Zoom)*
- **March 14: March Membership Meeting**—*Data Usability Assessment Overview (Zoom)*
- **March 25: Emerging Professionals Event:** *Eastern Mass MCP Trivia Night (Sam Adams Brewery, Jamaica Plain)*
- **March 26: Course:** *Making Risk Make Sense: Public Communication Strategies for Environmental Practitioners (Zoom)*
- **April 16: April Membership Meeting**—*Hosted by Regulations Committee (Zoom)*
- **May 14: May Membership Meeting**—*Hosted by Tech Practices Committee (Zoom)*
- **June 3: Course:** *Fundamentals of Organic Chemistry, Part II (Zoom)*

Visit www.lspa.org for more information.





REGISTER NOW!



LSPA 4th Annual Environmental Symposium

April 9, 2026

Renaissance Framingham Hotel & Conference Center

Register at www.lspa.org

Event information:

- **7 sessions over two tracks:**
 - Remediation Roundtable
 - Bioremediation/Phytoremediation
 - Risk Assessment of Petroleum Hydrocarbons
 - Characterization of Petroleum Contaminated Sites
 - PFAS Analysis, Characterization, and Treatment Under the MCP
 - Short Forms
 - MNA
- **MassDEP credits (3 sessions)**
- **8 available credits:** LSP, LEP, NY PE/PG
- **Networking**



JOIN/RENEW LSPA MEMBERSHIP

LSPA membership benefits include:

- Discounts on continuing education courses
- Free/discounted access to monthly membership meetings
- On-demand learning library
- LSPA Committee participation
- Technical resources
- Advocacy

Join/renew at
www.lspa.org.



LSPA BOARD: CALL FOR NOMINATIONS

LSPA Board of Directors Composition: The LSPA Board is comprised of nine members, three of whom may be Associate (non-LSP) members. Board members serve for a three-year term, beginning July 1, 2026.

Board of Directors Criteria: Those nominated must:

- Be an LSPA member in good standing.
- Demonstrate interest in serving the LSPA and its members.
- Understand the issues facing the LSPA and the waste site cleanup profession.
- Have knowledge of the LSPA's governance structure, such as involvement in LSPA Committee work and/or leadership.
- Attend monthly Board of Directors meetings, and quarterly Board/Committee Chairs meetings.

Nominations due March 13, 2026.

Visit www.lspa.org for more information.



LSPA GRANT PROGRAMS

ENVIRONMENTAL JUSTICE (EJ) GRANT PROGRAM

- **WHO:** Nonprofit environmental advocacy groups, community-based groups, environmental education organizations, and/or volunteer efforts.
- **WHAT:** Projects that benefit the environment in MA communities with EJ populations.
- **FUNDING:** Up to \$5000.
- **EXAMPLES:** Property and watershed clean-ups; restoration of natural habitats; community gardening; waste collection efforts; assessing and mitigating climate change impacts; water conservation; facility siting issues; youth education / career development; technical assistance.

WES LSP PRACTICE GRANT PROGRAM

- **WHO:** LSPA members.
- **WHAT:** Projects that advance the profession and generate practical resources for the LSPA membership and broader waste site cleanup community (e.g., white paper, article, presentation, webinar).
- **FUNDING:** Up to \$7500.
- **EXAMPLES:** Air Monitoring Data at Asbestos-In-Soil Sites; High Viscosity LNAPL Recoverability Assessment; Assessment of PFAS Data in New England from Known Sites; Evaluation of Elevated Background Concentrations of Lead in Urban Fill; Background Indoor Air Levels of VOCs and APH in Office Buildings, Commercial Buildings, and Schools.



Applications open March 31, 2026; due by July 1, 2026.
Visit www.lspa.org for more information.

THANK YOU!



WWW.LSPA.ORG



WSC Advisory Committee Refresh



MassDEP

Commonwealth of Massachusetts
Department of Environmental Protection

Millie Garcia-Serrano, MPH, Assistant Commissioner
MassDEP | Bureau of Waste Site Cleanup

WSC Advisory Committee Guiding Principles

- **Purpose** - Promote & Encourage Sound and Balanced Advice to MassDEP on WSC Policies, Guidance and Initiatives Created to Support MCP Risk-Based Program
- **Transparency** - Conduct Meetings Openly & Sharing Agendas / Materials Ahead of Time
- **Collaboration** – Promote respectful & active open dialogue on topics under discussion
- **Responsiveness** – Ensure timely updates and closure on issues under development and/or with public comment periods
- **Diversity** – Ensure equitable and balanced representation from relevant sectors

About MassDEP:

The Massachusetts Department of Environmental Protection's (MassDEP) mission is to protect and enhance the Commonwealth's natural resources - air, water, and land - to provide for the health, safety, and welfare of all people, and to ensure a clean and safe environment for future generations. In carrying out this mission MassDEP commits to address and advance environmental justice and equity for all people of the Commonwealth, provide meaningful, inclusive opportunities for people to participate in agency decisions that affect their lives; and ensure a diverse workforce that reflects the communities we serve.



WSC Advisory Committee – 2/2026

Sector	Current Representative
Advocacy/Site Neighbor	Linda L. Segal
Public Interest - Environmental	Susan Chapnick, Town of Arlington, Conservation Commission
Municipal Officials	Michele S. W. Paul, City of New Bedford
Water Distributors	Jessica Cajigas-Smith, Tighe & Bond
PRP Attorneys	Michelle O'Brien, Pierce Atwood LLP
Manufacturing	Jeffrey Porter, Holland & Knight
21E Consultants	Vacant Position
21E Consultants	Ileen Gladstone, GEI
Licensed Site Professionals	Katherine Kudzma, VHB, LSPA President
Real Estate/Commercial Lending	Lisa Campe, Woodard & Curran
Small Business	Steve Charron, New England Convenience Store and Energy Marketer Association (NECSEMA)

Advisory Committee Refresh Proposal - 2/2026

- Retain All **9** Members in Current Status through February **2028**: **1** Current Vacancy (21E Consultant) – For a Total of **10** Member Slots (as of 2/26/2026)
- Members should reaffirm interest as Active Advisors through February 2028
- Any Member Wanting/Needing to Step Down Should Contact BWSC Assistant Commissioner – *Feedback Welcomed!*
- Three (**3**) New Members (in 21E Consultants Sector) Who've Expressed Interest in Participation will be Added to the Committee by August 2026 – For a total of **12** Members
- Up to Two (**2**) Additional Members Could be Added to the Committee by November 2026 – For a Total of **14** Members
- *Call for New Members* will be Rolled Out in February 2027 - in Preparation for Eventual Rotations from any of the **12-14** WSC Members
- Longest serving members of the WSC AC should consider rotating off but continued service predicated on interest from new members
- Membership should be refreshed by February 2028 to allow for Succession / Equity

Send Comments to Millie.Garcia-Serrano@mass.gov



Draft AEPMM Operating Regimen & Draft VPH/EPH Guidance Update



MassDEP

Commonwealth of Massachusetts
Department of Environmental Protection

John Fitzgerald, Environmental Engineer
MassDEP | Bureau of Waste Site Cleanup

AEPMMs

Background

1993 – 2014: MCP did not allow Permanent Solution if active electro-mechanical systems were needed to maintain a condition of No Significant Risk (NSR)

2014: MCP changed to allow Permanent Solutions for sites with Active Exposure Pathway Mitigation Measures (AEPMMs) for vapor intrusion/private well contamination sites

AEPMMs must be run in accordance with *operating regimen* for Perm and Temp Solution/ROS [40.1025(3) & 40.1026(3)]



Operating Regimens for AEPMMs

An operating regimen:

shall be designed to ensure a level of NSR for Permanent Solutions

shall document the parameters for operating the AEPMM and methods and frequency for monitoring

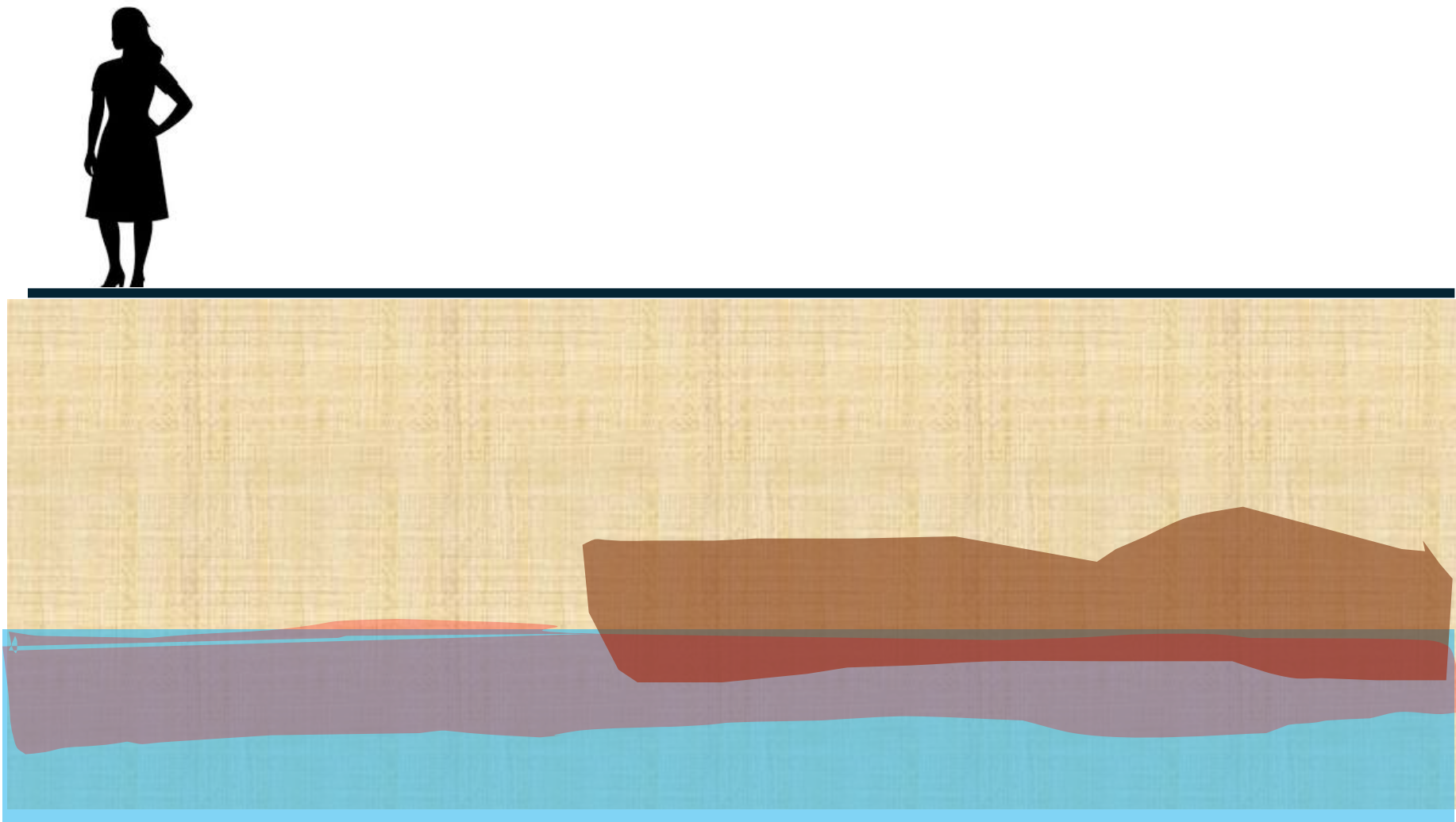
for SSD systems, establish the acceptable vacuum range to maintain an acceptable negative pressure field beneath a building for each area or zone of soil gas extraction (2024)

must employ remote monitoring telemetry



WHY THIS IS IMPORTANT

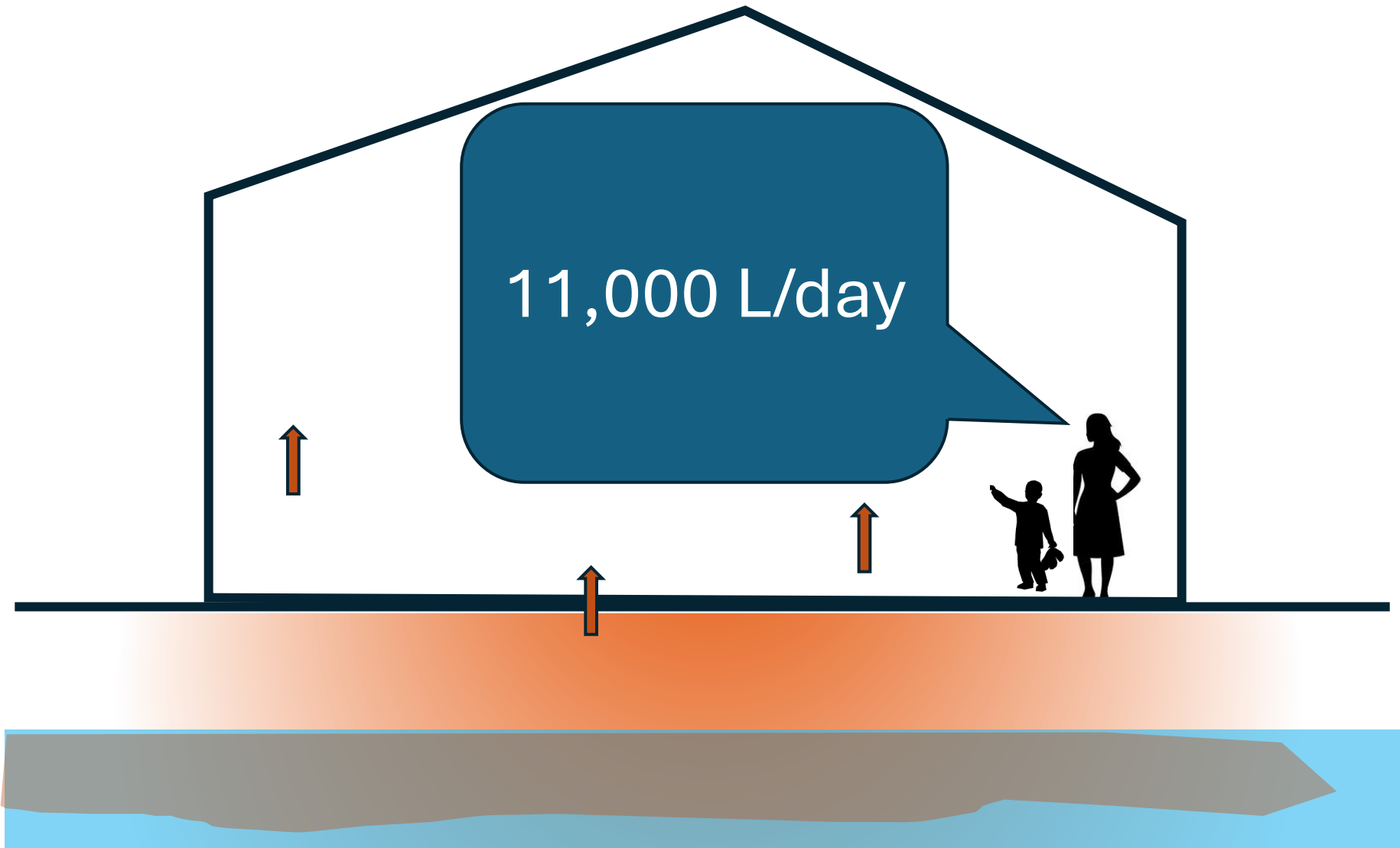
Most Sites – Potential/Short Term Exposures



WHY THIS IS IMPORTANT

WHY THIS IS IMPORTANT

AEPMMs – REAL 24/7 Exposures



WHY THIS IS IMPORTANT

AEPMM Inspections

It's been 11 years.... how are things going?

SSDS AEPMM inspection effort in NERO in calendar year 2025

Systems at 16 sites inspected (less than 10% of systems in NERO): 11 PSC, 3 ROS, 2 TS

pressure/flow measurements, telemetry system shut down, analysis of indoor air, soil gas vapor, SSDS exhaust

review of design/demonstration of effectiveness documentation

review of operating regimen



AEPMs – Findings

Of 15 sites with filings \geq 2014:

6 had NO operating regimens or SSDS O&M requirements

Of 9 sites with operating regimens/O&M requirements:

6 were deficient

3 were adequate to very good

telemetry system issues noted at 4 sites

AEPM follow-up actions required at 13 of 16 sites



AEPMMs – Problems Noted

Plans/schematics sometimes not reflective of as-built systems

Limited or no information on correlation of vacuum at extraction point(s) and extent of negative pressure field below building

Statement that monitoring criteria shows system “working as designed”, as opposed to “will ensure NSR”

Specified monitoring and record-keeping not being conducted by property owner/PRP



AEPMMs - Findings

Some systems had blowers/fans within living/working space of building

Most sites had no visible/accessible sub-slab probes to verify negative pressure field extension, requiring reliance on manometer/gauge readings at extraction pipes

Most sites did not have manometer/gauges or working manometers/gauges at each extraction point



AEPMMs - Operating Regimens - Conclusions

The current situation is unacceptable

LSPs need to take “ownership” of AEPMM and operating regimens

PRPs/property owners need to be more invested in follow-up monitoring

MassDEP needs to take steps to ensure protection of public health



MassDEP to Issue Guidance/Expectations on SSDS/AEPMMs

Operating regimen submittal must contain all AEPMM information/data/monitoring requirements needed to demonstrate it is *designed to ensure a level of NSR* for Perm/Temp Solutions & ROS, including:

- As-built plan of system

- Demonstration of AEPMM effectiveness

 - Correlation of extraction vacuum with sub-slab vacuum fields

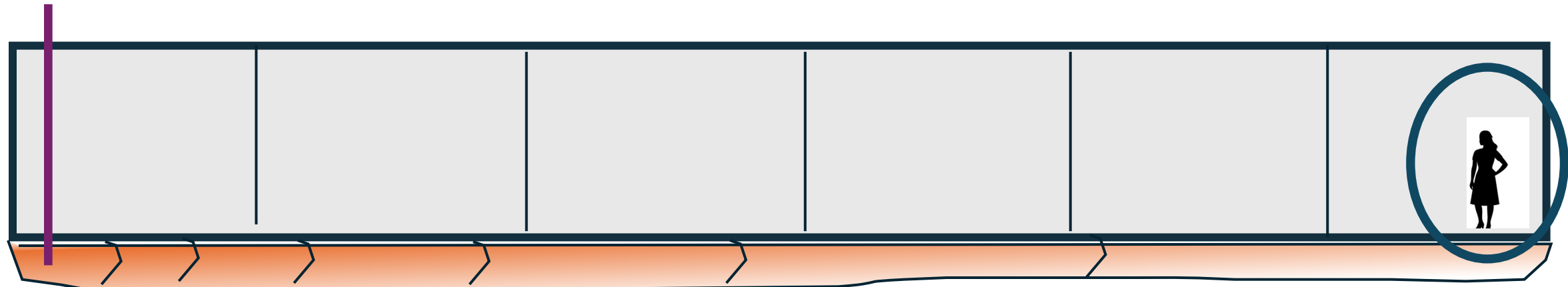
 - Correlation of extraction vacuum with indoor air quality



MassDEP to Issue Guidance/Expectations on AEPMMs

= NSR at most remote part of building

SSDS



x inches w.c. @ extraction =

y inches w.c. @
most remote part
of building



MassDEP to Issue Guidance/Expectations on SSDS/AEPMMs

The operating regimen must:

provide details on key system components, including needed maintenance and expected replacement schedules

A tabulation of acceptable vacuum/pressure ranges at all monitoring points (e.g., extraction pipe manometer, before/after fan/blower).

detail site-specific methods and frequency for monitoring to ensure NSR for the foreseeable future



MassDEP to Issue Guidance/Expectations on SSDS/AEPMMs

Monitoring must include a combination of on-site inspections and use of a telemetry system

The amount of on-site monitoring and inspections is a function of the certainty provided by the telemetry system

Continuous-transmission vacuum telemetry systems require the least amount of on-site monitoring

Episodic transmission of power outage telemetry requires the most amount of on-site monitoring



Draft Petroleum Site Characterization Guidance

Update to 2002 *Implementation of MADEP VPH/EPH Approach*

Title changed to reflect expanded scope of guidance

20 pages added to 2002 document

Incorporates regulatory/technological changes and updates in last 23 years!



Petroleum Site Characterization Guidance

Significant updates and additions:

Continued/expanded emphasis on screening data to lower testing costs

Reduced need for analytical testing in non-GW-1 areas

Lower-cost “screen out” options for Vapor Intrusion

Increased emphasis on the need to rule-out non-hydrocarbon contaminants



Petroleum Site Characterization Guidance

Significant updates and additions:

Understanding and eliminating high bias in groundwater data

Understanding and eliminating high bias in indoor air data

Ins and Outs of the MCP Risk Assessment Tools

Ins and Outs of AULs

Clarifications of long-standing gray areas



Petroleum Site Characterization Guidance

Significant updates and additions:

New (9 page) section on “Homeowner spills”

Using all risk assessment tools to demonstrate NSR and eliminate need for AUL

SRMs, CEPs and AEPMMs (oh my!)

Temporary Solution option



Vapor Intrusion Guidance Update



MassDEP

Commonwealth of Massachusetts
Department of Environmental Protection

Brian Roden, Policy & Program Development
MassDEP | Bureau of Waste Site Cleanup

VI Guidance Update: *Why Now?*

- Still today, VI Sites are common and require immediate attention
- Pathway creates a real direct critical indoor air exposure -> risk to humans
 - ❖ Invisible, continuous and immediate/chronic risk (TCE exposures of most significant concern)
- Affects those inside homes, schools, daycares and office buildings
 - ❖ Sensitive Populations at Highest Risk Level (children, pregnant women)
- Triggers MCP conditions requiring response actions (e.g., IRAs)
- Scientific changes and Massachusetts structural landscape (e.g., dense urban & older housing stock, basements in structures) played a role in guidance update decision



VI Guidance Update – Proposed Approach

- BWSC's 2016 VI Guidance should be updated/optimized
- ITRC released Vapor Intrusion Toolkit (2026)
- Proposing Formation of a Focus Group for Practitioner Input
 - 2 representatives each from: WSC Advisory Committee, LSPA, NAIOP (selected by each organization)
 - BWSC Boston and Regional Staff
- Criteria for volunteers: subject matter expertise, experience, availability, commitment
- Ideally volunteers will cover VI issues related to investigation, risk assessment, mitigation, legal, and public involvement
- Possible commitment 12 to 18 months
- Hybrid, Virtual or In-Person?



Oiled Wildlife Response in Cape Cod and Southeastern MA



MassDEP

Commonwealth of Massachusetts
Department of Environmental Protection

Zak Mertz & Dr. Priya Patel
New England Wildlife Centers

New England Wildlife



Oiled Wildlife Response in
Cape Cod and Southeastern MA

Our Hospitals

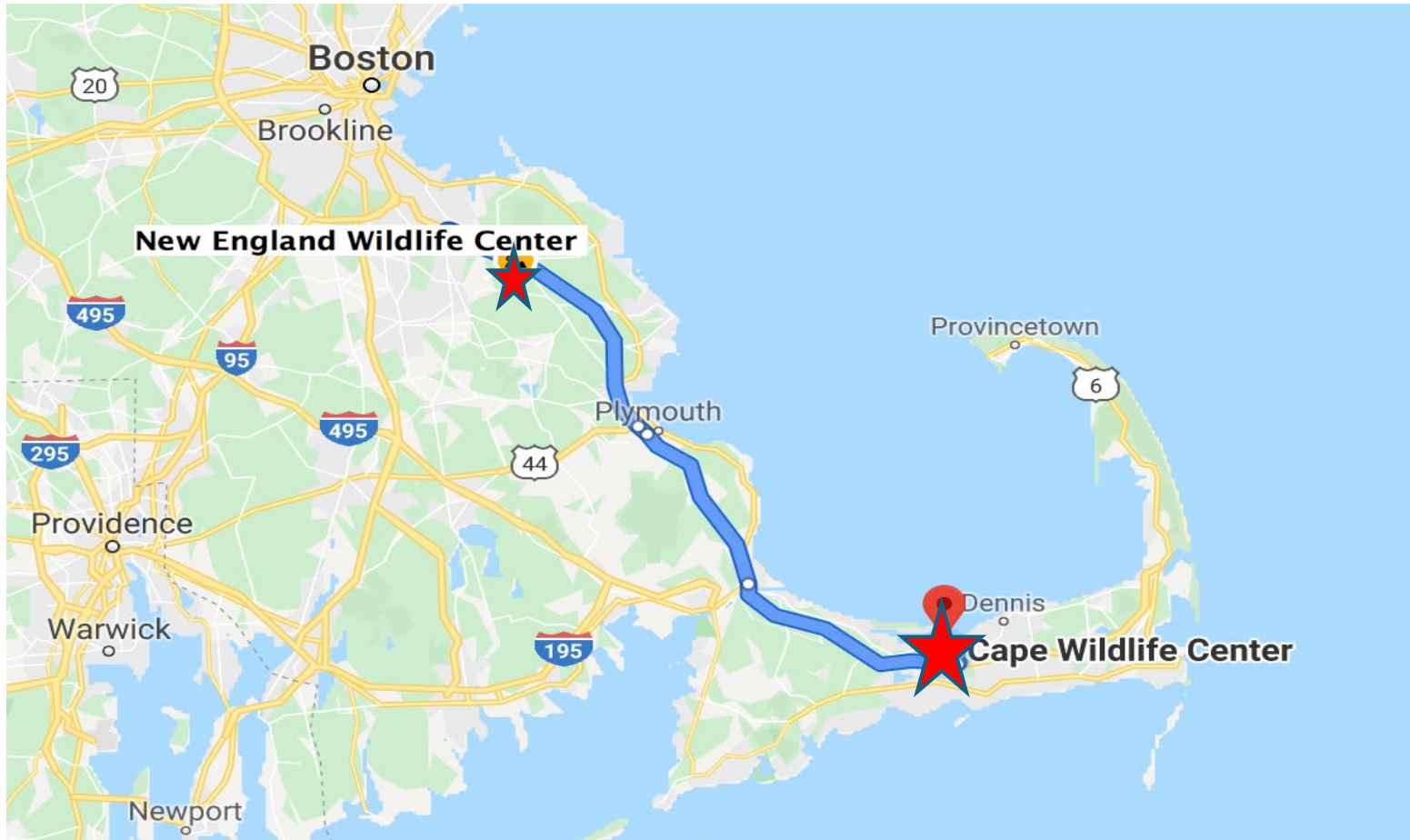


“Cape Branch”
Cape Wildlife Center
4011 Main Street, Barnstable



“Weymouth Branch”
New England Wildlife Center
500 Columbian Street, Weymouth

Greater Boston to Cape and the Islands





“Kindness to People and Animals”

Our Services:

- 1) Wildlife Veterinary Care
- 2) Commercial Veterinary Group
- 3) Wildlife Rescue
- 4) Education
- 5) Research and Public Health
- 6) Advocacy





Non- Profit Wildlife Hospitals



Exotic Animal Veterinary Group

Veterinary Contracts



Education – Everyone is a Student



Community groups



Professional Trainings



Immersive Internships



Virtual Education

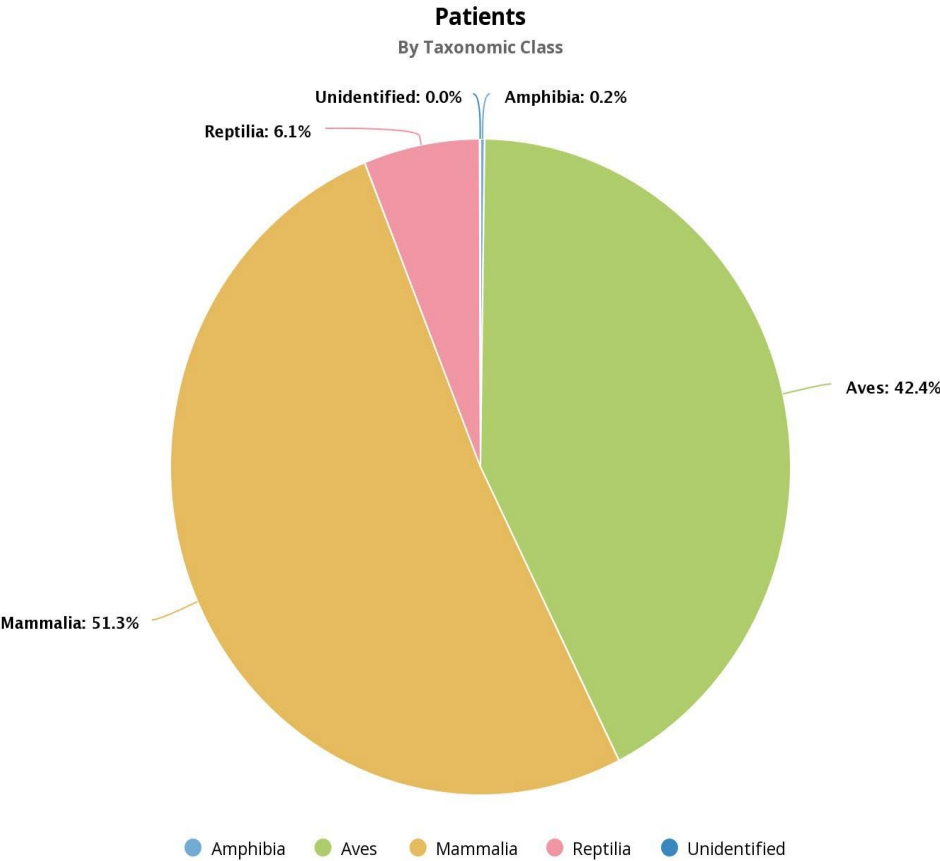


K-12 Stem Programs

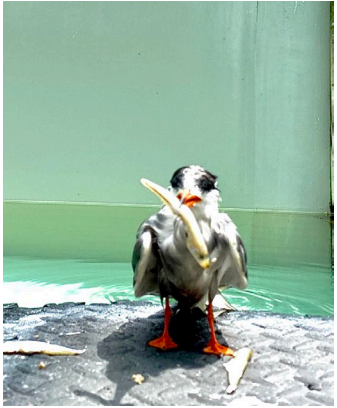


Training of Incarcerated men and women

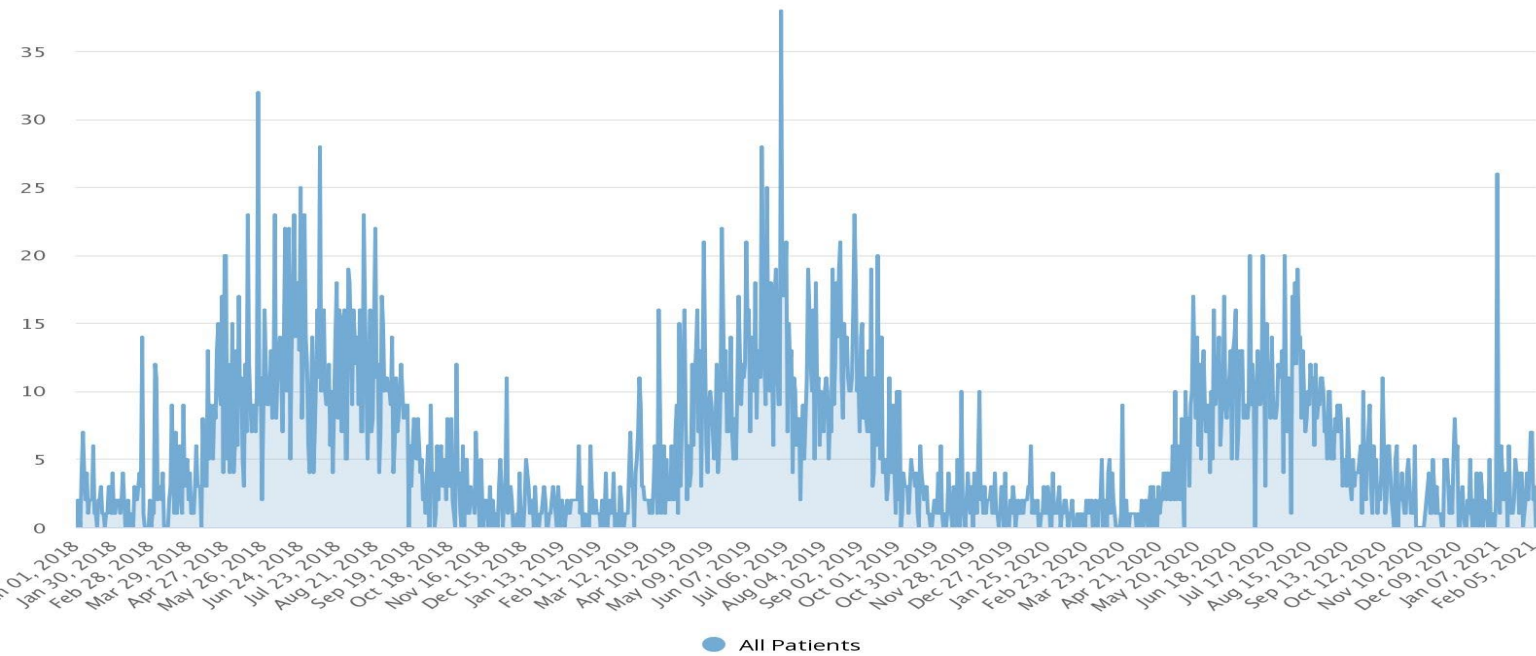
We treat over 220 species of native and naturalized wildlife



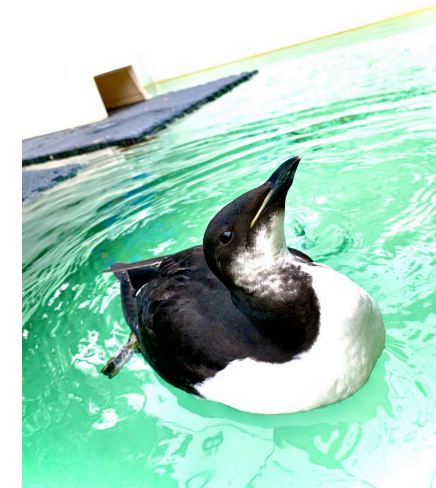
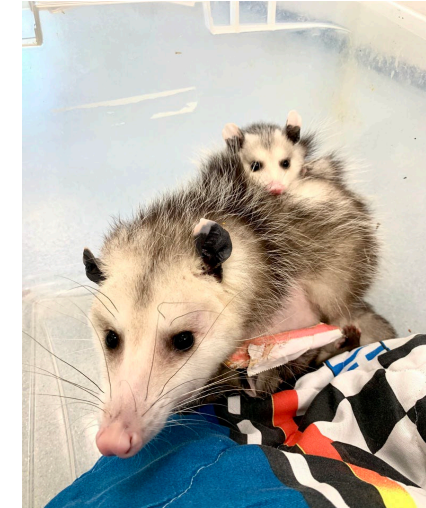
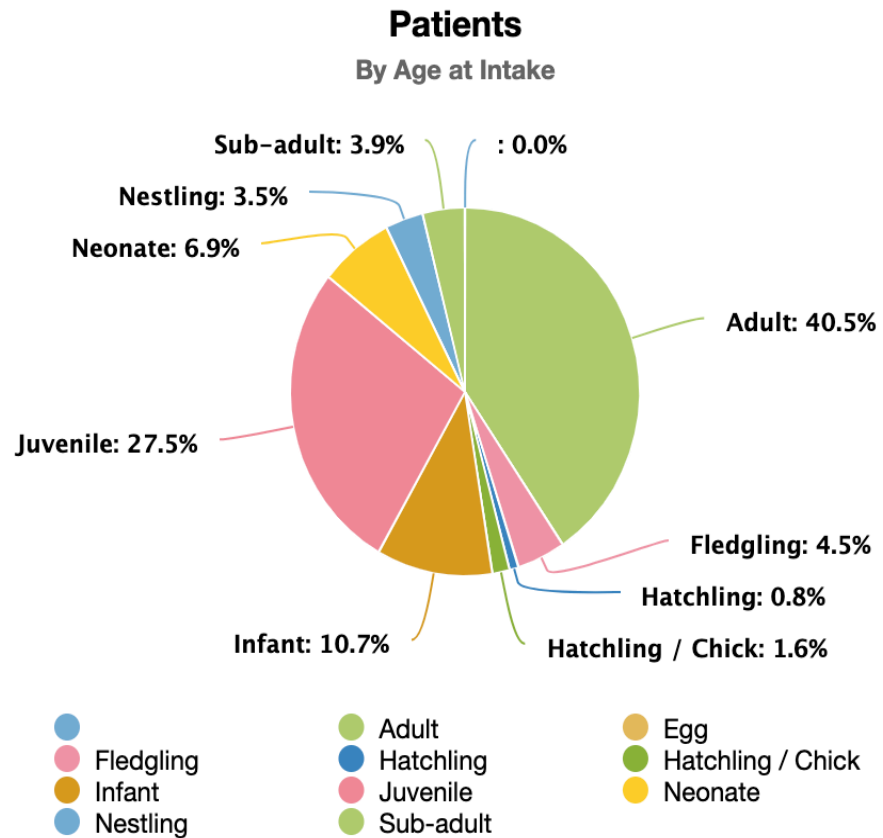
Totaling over 5,000 Patients each Year



Patients Admitted



Of All Life Stages and Sizes





MOSPRA GRANT Objectives

Objective: To help bolster oiled wildlife preparedness and mitigation strategies in Southeastern, MA through peer-training, equipment, and regional partnerships.

- Provide RACE accredited training to key participants
 - first responders, wildlife rehabbers, vet professionals
 - Lecture based (5 hours)
 - Hands on wet Lab (3 hours)
- Purchase of essential equipment
 - Field response kits
 - Washing stations, patient caging
- Maintain staff's HAZWOPER certification with 8-hour course
- Form a preparedness working group that encourages information and equipment sharing across local stakeholder organizations.

Training Sessions

- Delivered RACE certified virtual course and in-person wet lab
- Attendees included
 - Animal control officers
 - Licensed veterinarians and technicians
 - Natural Resource Officers
 - USFWS agents
 - Boston Park Rangers
 - MassWildlife biologist
 - MassDEP employees
 - Wildlife rehabilitators

40 students from over 15 Towns and State agencies

Fostered ongoing partnerships and recruitment for working group



**30 item Checklist designed by our team
using FWS Standards and augmented based on experience**



- Towels
- Waterproof boots x 2
- Net
- Oil absorbent pads
- Tyvek suits x2
- Hand warmers
- Eye flush
- Gauze
- Nitrile gloves
- Eye protection
- Cardboard travel container
- Plastic bin with extra netting for seabirds
- Masking tape
- Clipboard, paperwork, pens

Outline of Course Materials Presented

01

Introduction

What is oil and what is involved in a spill?

02

Anatomy/Natural History

Anatomy and natural history of local species

03

Fieldwork

Assessment, triage, capture, transportation

04

Health/Safety

Human hazards and PPE

05

Rehabilitation

Phases of rehabilitation and release





Feather testing using different concentrations of Dawn to determine appropriate wash formula



Setting up wash stations with correct soap concentrations and water temps



Performing
live and
simulated
washes





Performing
the rinse
stage and
checking
feather
quality post
wash

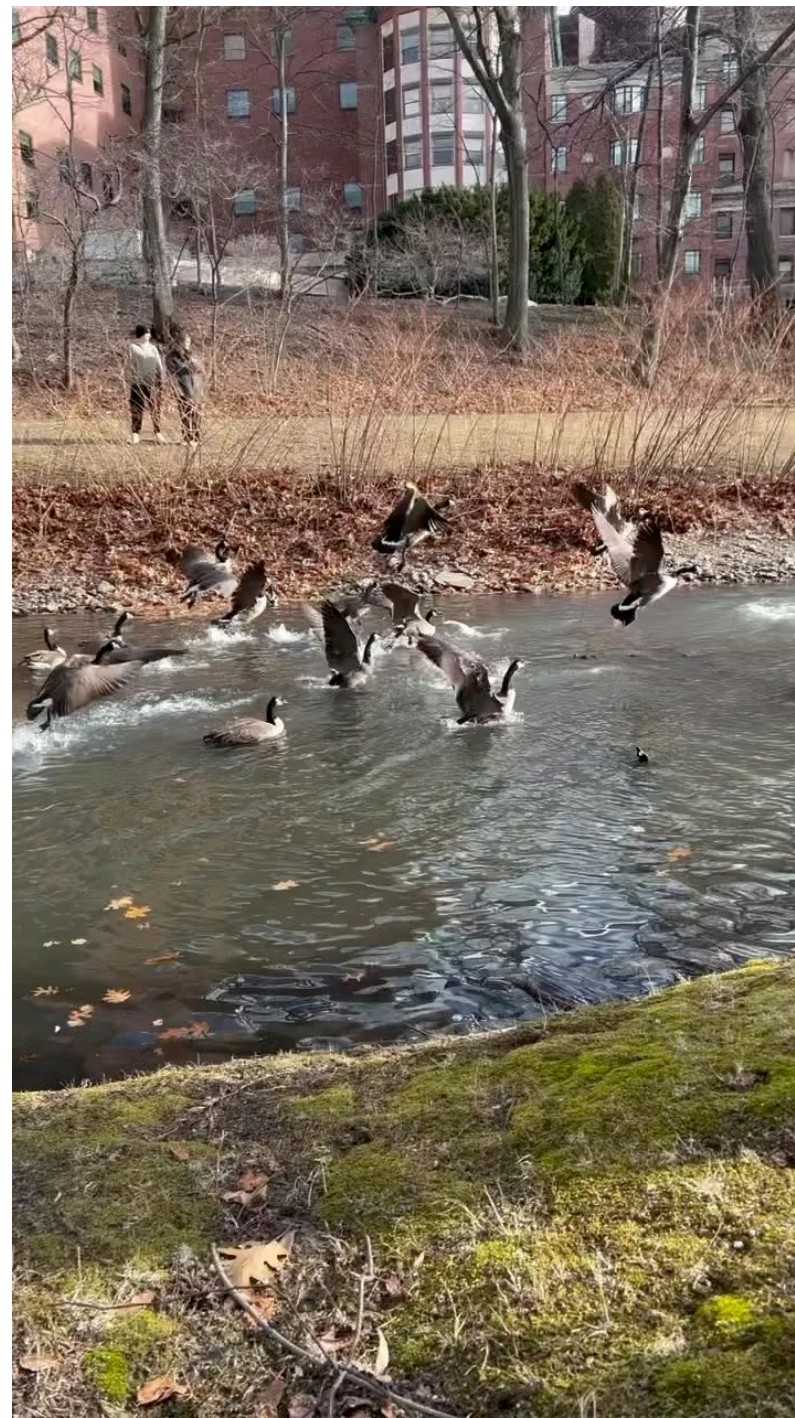




Muddy River Oil spill in Boston 12/24



**Oiled wildlife
response team**



On going Capital Campaign for a Infectious Disease and Disaster Relief Building



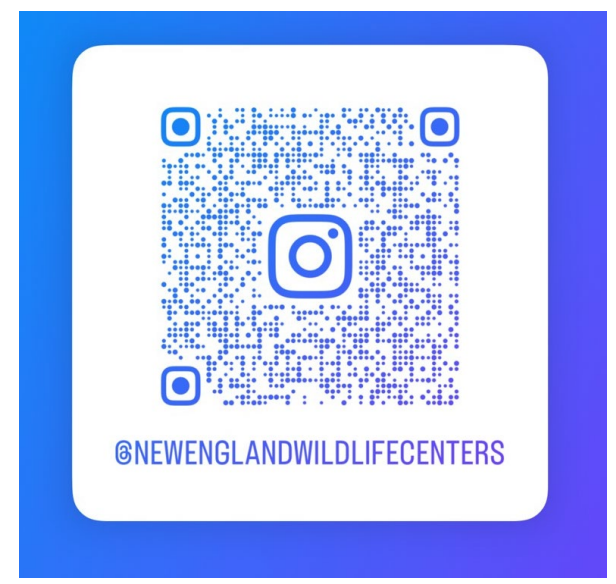
- Isolation spaces
- Rabies vector species wards
- Oil spill wash stations
- Recovery pools



Excited to expand our cross-agency partnerships!



Thank You!



Questions?



MassDEP

Commonwealth of Massachusetts
Department of Environmental Protection

Thank you!

See you at the next BWSC AC meeting on 5/21/26! (Hybrid)

