



Connecticut State Emergency Response Commission

Regular Meeting

March 16, 2023

Online and at CT DEEP HQ

Chairman Gerard Goudreau

Contact: Diane Duva, Administrator, SERC; Director,
Planning Office, Emergency Response and Spill
Prevention Division, CT DEEP

DEEP.CTEPCRA@ct.gov

March 16, 2023 Meeting Agenda



[Link to Join SERC Meeting Screen Share and Video](#)

(video optional; computer or phone audio available)

Call: 646-876-9923
Meeting ID: 996 3833 7340
Passcode: 91-16-09

*Trouble with audio?
Try "switching to phone" choice in the phone icon to call in rather than using your computer microphone and speakers.*

1. Call to Order
2. Approve January 2023 Meeting Minutes
3. Introductions and welcomes; confirm commission officers [Vice Chair, Secretary]
4. Hazardous Materials Emergency Preparedness (HMEP) Grant Training Activities updates; Kicking off planning for this year's full-scale interagency exercise in DEMHS Region
5. [Geographic Response Strategies-identification of recently completed strategies](#) and strategies in [development for the Connecticut River](#)
6. EPCRA Tier II Reporting for Calendar Year 2022; Electronic Reporting Platform in use for sharing information with local and regional officials and responders as supplement to CAMEO
7. Commodity Flow Study planning—last one completed 2019; identify objectives for new one this year
8. Status of LEPCs; Strategies for updating LEPC status and plans; Discussion of topics to cover in April 2023 National SERC meeting presentation on status of CT's SERC and LEPCs
9. Information sharing between Agencies; Updates on Current Issues [including though not limited to: Rail Freight; Lithium-Ion energy storage preparedness; PFAS and firefighting foam]; Ideas and requests for future meeting topics; New Business;
10. Public Comments (opportunity for comments from any members of the public present)
11. Adjournment



Minutes of Regular Meeting January 19, 2023 at 1:30 PM

Chairman Goudreau called the meeting to order at 1:34 p.m.

The November 2022 Meeting Minutes were approved on a motion by Rob Ross, seconded by Bill Abbott.

Introductions and welcomes were minimal to advance to the meeting topics.

Hazardous Materials Emergency Preparedness (HMEP) Grant Training Activities updates: The full-scale exercise for this year will rotate to DEMHS Region 1/ Fairfield County. Albee Bassett of the Region 1 Regional Hazmat Team confirmed that he and others in the region are willing to serve as the location. Brief discussion included identifying the Fairfield fire training facility as the location and a potential notional scenario incorporating the Bridgeport ferry and EV fires as part of the scenario. Planning for the exercise will get underway in the coming weeks, with federal, state, regional, and local representatives participating. US EPA and USCG will likely partner with the SERC in this exercise

CT DOT: *CTDOT's Storm Sewer Mapping – Help for Tracking Releases Along State Roads*; Jason Coite and Daniel Imig of CT DOT provided an overview of the online MapViewer currently available for some state roads that indicates the location of stormwater drainage components such as catch basins and outfalls that are useful for identifying flow pathways when releases occur on state roads. There was discussion including appreciation expressed about the importance of this geospatial tool as a resource for responding to oil and chemical spills, the situation with permeable pavement areas, and about the potential in the future for interoperability with Municipal Storm Sewer Mapping since currently municipal systems are on each separate municipal platform. [Link to CT DOT MS4 Drainage GIS Map as ArcGIS MapViewer](#)

Lithium-Ion batteries preparedness and response topic: exchange of information and resources: 1. Diane Duva shared links to the CFPA website that include the guidance that the lithium ion/energy storage work group developed. [Link to CFPA Training and education](#) webpage. Rob Ross introduced industry representatives experienced in developing monitoring and suppression systems for public transit systems. They provided an overview of research and testing work being done in the industry to address preparedness needs surrounding increased use and scale of lithium-ion energy storage. There was discussion about the many aspects of preparedness research and training that are underway.

Information sharing between agencies and Updates on current issues: An opportunity was provided to share updates between agencies and commission members. This included noting that US EPA has started working with USCG, CT DEEP, regional and local officials, and other entities to develop Geographic Response Strategies in Connecticut. GRs are developed by the U.S. Environmental Protection Agency, in partnership with Connecticut DEEP and the U.S. Coast Guard, as an interagency planning process. Representatives from various levels of government, responders, resource specialists, and industry work together to identify spill risks and sensitive resources. The Geographic Response Strategies in [development for the Connecticut River](#) will be worked on through Autumn 2023. Up to 15 Geographic Response Strategies will be developed for select areas along the Connecticut River from the Massachusetts/Connecticut border to the I-95 overpass at the Connecticut River in Old Lyme/Old Saybrook, Connecticut. Information is posted on the CT DEEP and the CT SERC webpages. More information is available at the [Regional Response Team Region 1 website](#).

Updates regarding Tier II Reporting and LEPCs: CT DEEP will be using a new electronic reporting platform, [Hazconnect® Tier II Manager system](#) to manage EPCRA Tier II chemical inventory reports due March 1, 2023. Use of this system will simplify sharing EPCRA Tier II facility information with local officials. This is being rolled out to reporting facilities in the coming weeks, with webinars offered in December and January. The system will be rolled out to local officials throughout 2023. Diane Duva offered to provide an overview of the platform at the March meeting. DEEP will provide the Tier II data after the March deadline Information is on the [SERC website](#). Facilities may also use EPA's Tier2 Submit platform to those looking to import the data into the CAMEO system.

Ideas and requests for future meeting topics were discussed, including a continuation of the lithium-ion battery topic and AFFF/PFAS topics; as well as the Tier II Reports platform that simplifies sharing information between the SERC/DEEP and LEPCs and regional and local officials.

There was no New Business identified.

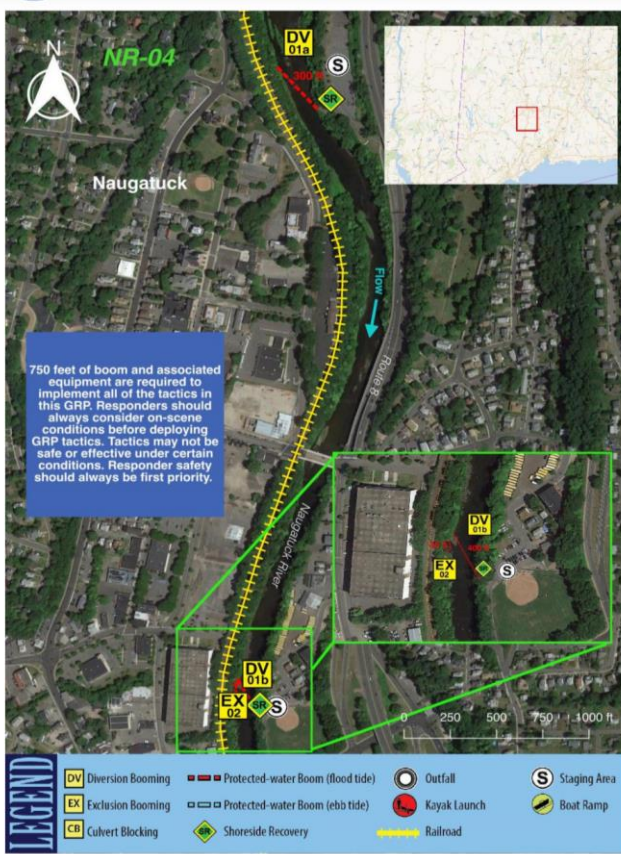
Public Comments (opportunity for comments from any members of the public present). There were no public comments offered.

Adjournment at 3:05 p.m. on a motion by Bob Araujo, seconded by Rob Ross.

January 19, 2023 SERC Meeting Attendance

| In attendance? | Member |
|------------------|--|
| Yes | Gerard P. Goudreau - Chairperson Facility member |
| Yes | Diane W. Duva, Director, Planning Office, Emergency Response and Spill Prevention Div. CT Department of Energy and Environmental Protection |
| Yes | Jeffrey J. Morrisette, State Fire Administrator CT Department of Emergency Services and Public Protection |
| Yes | David Kallander, Ph.D. , Toxicologist/ Francesca Provenzano Environmental and Occupational Health Assessment Program/Preparedness CT Department of Public Health |
| Yes | Jason Coite Environmental Compliance, Bureau of Engineering and Construction CT Department of Transportation |
| No [sent notice] | William Turner, Director, Emergency Management, Division of Emergency Management and Homeland Security CT Department of Emergency Services and Public Protection |
| No | Jeff Saltus, CONN-OSHA CT Department of Labor |
| Yes | Matthew LaFayette, Budget Analyst, Budget and Financial Management Division CT Office of Policy and Management |
| Yes | William Abbott, State Fire Marshal Office of State Fire Marshal, Division of Construction Services CT Department of Administrative Services |
| No [sent notice] | LTC Benjamin Neumon Connecticut Military Department |
| No [sent notice] | Chief John C. Littell, Tolland Fire Department Volunteer Fire Department member |
| Yes | Chief Edward N. Richards, Enfield Fire Department Municipal Fire Department member |
| Yes | Robert J. Araujo, Facility member |
| Yes | Lisa Morrissey, Director of Health, Housatonic Valley Health District, member |
| Yes | Robert Ross, Public member |
| Yes | Anthony Salvatore, Town Manager, Cromwell, member |
| Yes | Kyle Zimmer, Jr., Public member |

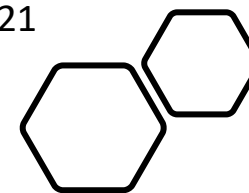
Also in attendance: **Steve Huleatt**, CREPC/CRCOG; **Wayne Lalicon**, US DOT, PHMSA; **Joe Cyr**, Manchester Water Department; **Todd Nichols**, US DHS CISA; **Michael Paradis**, DESPP-DEMHS; **Albert Bassett**, Fairfield County HIRT; **Amanda Ryan**, USCG; **Phil Mikan**, USCG; **Karen Way**, US EPA; **Tyler Diercks**, US EPA; **Tony Jackson and Mark Magaldi, III**, Amerex; **Seth Mastrocola**; **Stuart Deland**, **Drew Kukucka**, **Chuck Morrison**, **Rick Swan**, CT DEEP; others



Version: August 2019 *Nuka Research and Planning Group, LLC*
 Page 1 of 4 Data Sources: Nuka Research & Planning Group, LLC, US EPA Region 1

Hazardous Materials Emergency Preparedness (HMEP) Grant

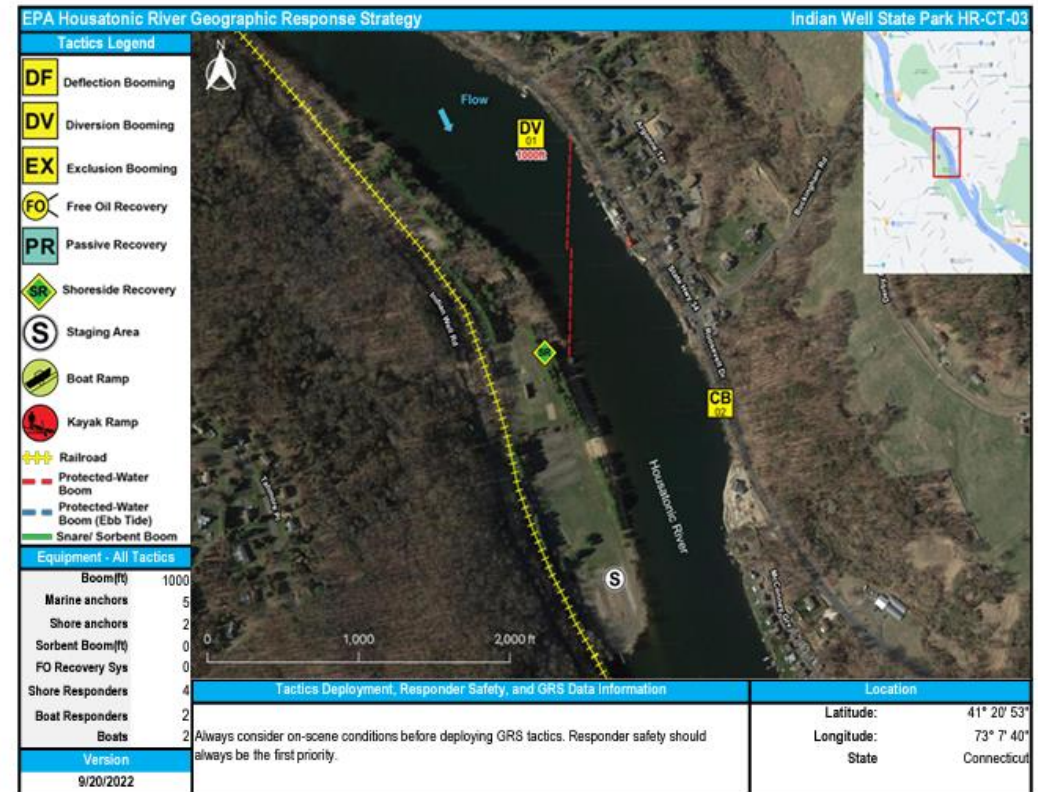
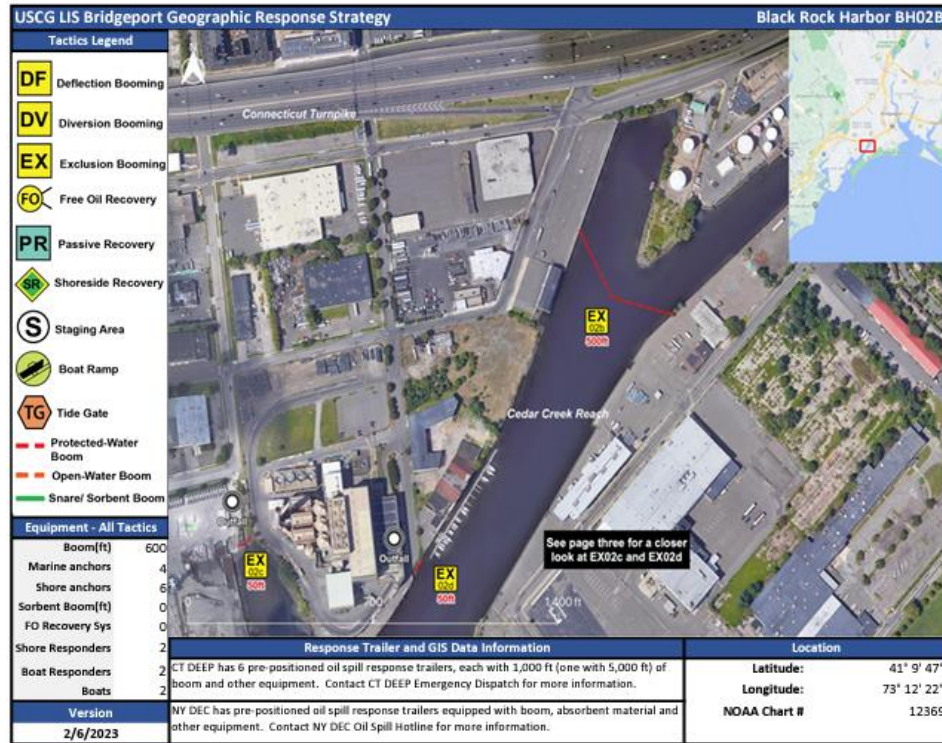
- ✓ Naugatuck River Geographic Response Plan/Strategies Exercise, August 2021
- ✓ Cross-state (RI) exercise September 2021
- ✓ Cross-state (MA) exercise September 17, 2022 Planning
- ✓ Transportation Incident Management Pocket Guide distributed. Printed more copies. CT DOT providing TIM training. Contact Aidan Neely to schedule training.
- ☐ Plan for 2023 Interagency Exercise—in DEMHS Region 1-Bill Seward organizing



Geographic Response Strategies (GRS)

- Geographic Response Strategies (GRSs) are developed by the U.S. Environmental Protection Agency and U.S. Coast Guard, in partnership with Connecticut DEEP, through an interagency planning process.
- Representatives from various levels of government, responders, resource specialists, and industry work together to identify spill risks and sensitive resources along stretches of major rivers and harbors.
- These are map based planning documents intended to be used as a tool employed by emergency officials responding to releases to major rivers and harbors.
- The Geographic Response Strategies help guide local responders to effectively deploy containment and recovery equipment in the event of a spill to navigable waterways.
- These are sometimes and formerly called Geographic Response Plans (GRP)
- Recently Completed: [Geographic Response Strategies-identification of recently completed strategies](#)
- Strategies in [development for the Connecticut River](#)

Examples of Geographic Response Strategies



Geographic Response Strategy **Black Rock Harbor BH02B**

| Tactic # | Purpose | Response Equipment | Deployment Resources | Deployment Notes |
|----------|--|--|--|--|
| EX-02b | Prohibit oil slicks from entering a sensitive area | 500 ft protected water boom 2 marine anchor system 2 shoreline anchor system | 2 shore responders 1 response boats 1 boat operators | Tend through tidal changes. Deploy boom as depicted to exclude oil from sensitive areas. Anchor every 200-300'. Not tide dependent Deploy shoreside anchor first. Readjust boom angle as needed to reduce entrainment. |
| | | Testing Date | N Tested | |
| EX-02c | Prohibit oil slicks from entering a sensitive area | 50 ft protected water boom 1 marine anchor system 2 shoreline anchor system | 2 shore responders 1 response boats 1 boat operators | Tend through tidal changes. Deploy boom as depicted to exclude oil from sensitive areas. Anchor every 200-300'. Not tide dependent Deploy shoreside anchor first. Readjust boom angle as needed to reduce entrainment. |
| | | Testing Date | N Tested | |
| EX-02d | Prohibit oil slicks from entering a sensitive area | 50 ft protected water boom 1 marine anchor system 2 shoreline anchor system | 2 shore responders 1 response boats 1 boat operators | Tend through tidal changes. Deploy boom as depicted to exclude oil from sensitive areas. Anchor every 200-300'. Not tide dependent Deploy shoreside anchor first. Readjust boom angle as needed to reduce entrainment. |
| | | Testing Date | N Tested | |

EPA Housatonic River Geographic Response Strategy **Indian Well State Park HR-CT-03**

| Tactic # | Purpose | Response Equipment | Deployment Resources | Deployment Notes |
|----------|--|---|--|---|
| SR-01 | Remove spilled oil that has been diverted to a designated recovery site accessible from shore. | 1 skimming system 1 storage tank or bladder 1 hoses, pumps, fittings | 2 shore responders | Set up shoreside recovery tactic at general location depicted on map. |
| | | Testing Date | Tested | |
| DV-01 | Redirect spilled oil from one location or direction of travel to a specific site for recovery. | 1000 ft protected water boom 5 marine anchor system 2 shoreline anchor system | 4 shore responders 2 response boats 2 boat operators | Deploy boom as depicted to divert incoming oil to the collection site. Anchor every 200-300'. Adjust configuration as necessary to reduce entrainment. Set up shoreside recovery. Deploy shoreside anchor first. |
| | | Testing Date | N Tested | |
| CB-02 | Prevent oil that has entered drainage systems from impacting waterways and sensitive areas. | 1 inflatable plug, sand bag, or plywood | 2 shore responders | If accessible deploy appropriate size inflatable culvert plug in the culvert. Monitor to ensure blocking integrity. Without culvert plug, place plywood or similar sheeting material across the culvert. Use plastic sheeting to ensure the seal. Stack sandbags against plywood to counter outflow pressure. |
| | | Testing Date | Tested | |

EPCRA Tier II Reporting for Reporting Year 2022

- Reports due March 1, 2023
- Numbers similar to last year
- Two platforms used in Connecticut this year:
 - EPA's Tier2 Submit
 - CT's Hazconnect Tier II Manager
- No fees for reporting in CT or for using either platform

EPCRA Tier II Reporting for Year 2022

New online platform for receiving Tier II Reports due March 1, 2023

The Connecticut State Emergency Response Commission and the Department of Energy and Environmental Protection will be using the [Hazconnect® Tier II Manager system](#) to manage EPCRA Tier II chemical inventory reports due March 1, 2023. This platform will simplify information sharing between the CT SERC/CT DEEP and local officials.

To use the Hazconnect® Tier II Manager platform please first register for a system user account. Then you will submit your report directly to the SERC via the system. Here's how:

- Register <https://connecticut.hazconnect.com/Account/Login.aspx>
- [Click to access Tier II Manager platform](#)
- [Tutorial for How to Submit Tier II Reports Online in Tier II Manager](#)

Connecticut will also continue to accept submittal of reports via EPA's [Tier2 Submit™ Software](#) with electronic file submissions sent to DEEP.CTEPCRA@ct.gov.

The official version of [Tier2 Submit 2022](#) is now available on the EPA website.

- A Tier2 Submit tutorial is also available on the download page
- [CAMEO Data Manager 4.2.0](#) is also now available on the EPA website.
- Facilities are still required to submit Tier II Chemical Inventory Reports directly to their Local Emergency Planning Committee and fire department-regardless of which platform used.

US EPA WEBINAR:

EPCRA Tier II Reporting Requirements for Connecticut Facilities

Thursday, January 26, 2023, 1:30-3pm ET

Register at: https://usepa.zoomgov.com/webinar/register/WN_j59MirHtRni8LTy-x1huew

Commodity Flow Study Planning

- Past studies completed in 2019, 2015
- SERC can identify priority chemicals to review
- Identify critical infrastructure and sensitive receptors, pathway zones, populations

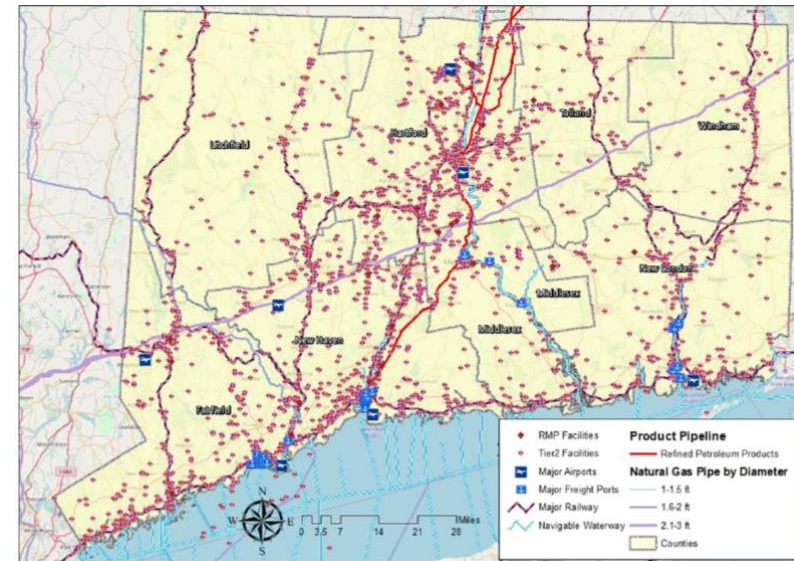


Connecticut Commodity Flow Study of Hazardous Materials

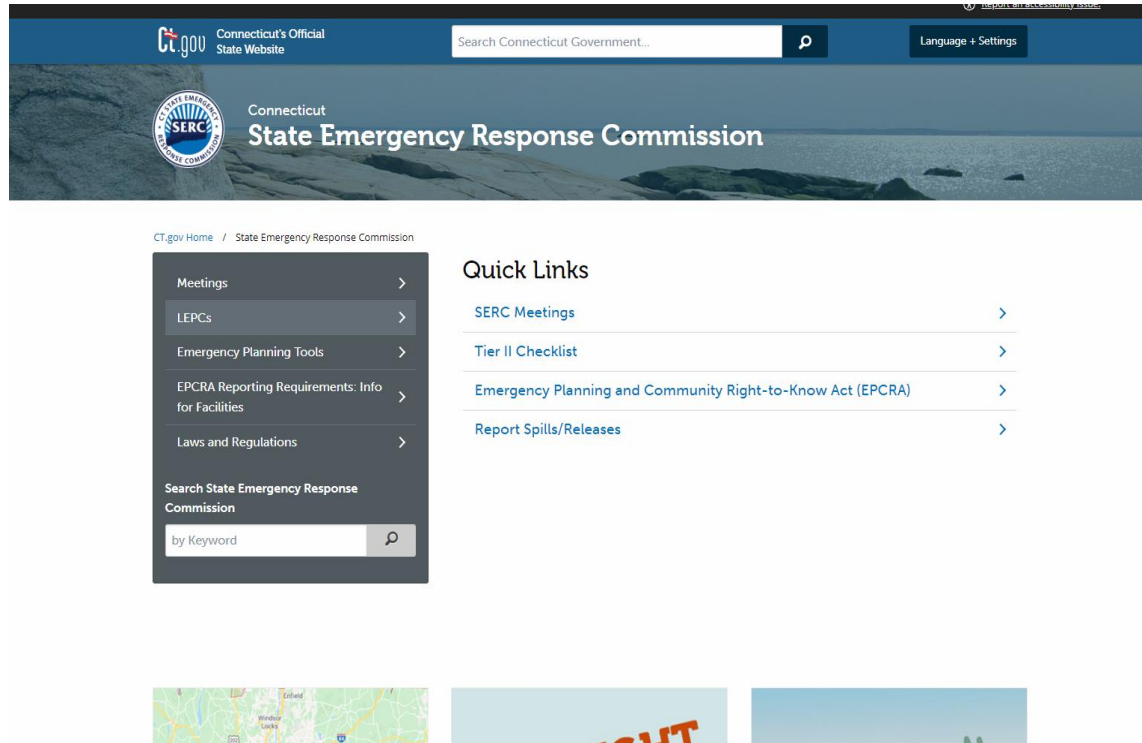
Final Report
September 27, 2019



Figure 18: Composite Flows of Priority Hazardous Materials in Connecticut



EPCRA and LEPC Topics



2021 [Latest Year] Toxics Release Inventory (TRI) Data Available

The complete 2021 TRI dataset is now available in TRI Toxics Tracker and the other online TRI tools. The dataset will be the basis for the 2021 TRI National Analysis, planned for publication in early 2023. [Find TRI facilities near you](#)

EPCRA On-Line Training:

<https://www.epa.gov/epcra/epcra-non-section-313-online-training-states-tribes-lepcs-local-planners-and-responders>

<https://portal.ct.gov/SERC>

LEPC/TEPC Handbook: <https://www.epa.gov/epcra/national-lepc-tepc-handbook#full>



Information Sharing

- Information sharing between Commission members, Agencies, partners
- Updates on Current Issues [including though not limited to:
 - Rail Freight;
 - Lithium-Ion energy storage preparedness;
 - PFAS and firefighting foam
 - **PFAS and EPCRA update:**
EPA is proposing to add per- and polyfluoroalkyl substances (PFAS) subject to reporting under the Emergency Planning and Community Right-to-Know Act (EPCRA) and the Pollution Prevention Act (PPA). See the [proposed notice](#) published December 5, 2022 in the Federal Register for more information. Consult [EPA's PFAS](#) webpage for updates on EPA's progress and key actions.
- Ideas and requests for future meeting topics
- New Business

Updates from Federal Partners

FEMA Releases Emergency Operations Center How-to Quick Reference Guide

- FEMA published the updated [EOC How-to Quick Reference Guide](#). This document will contribute to developing an EOC that can successfully meet the jurisdiction's needs and will cover topics such as hazard vulnerability assessments, physical site selection, mitigation, considerations, EOC capabilities and requirements, information management systems, and training and exercises.

Chemical Facility Anti-Terrorism Standards (CFATS) Resources

- The Cybersecurity and Infrastructure Security Agency (CISA) released Spanish-language translations of three existing fact sheets:
 - [Hoja informativa del Programa de Estándares Antiterroristas de Instalaciones Químicas](#) (CFATS por sus siglas en inglés) (CFATS Overview Fact Sheet)
 - [Hoja informativa de los Estándares Antiterroristas de Instalaciones Químicas: Primeros Pasos](#) (CFATS First Steps)
 - [Hoja informativa de las Normas de Desempeño Basadas en el Riesgo \(RBPS por sus siglas en inglés\) 9 – Respuesta](#) (RBPS 9 – Response)
- View these and other Chemical Security resources on the [CFATS Resources](#) and [ChemLock Resources](#) webpages.



Public Comments

- Public Comments: This is an opportunity for comments from any members of the public present. Please simply unmute your microphone or raise your hand in the “reactions” tab on the Zoom toolbar.
- Adjournment
- Next meeting is May 18, 2023

CT Fire Academy (CFA) Guidance for Electric Vehicle (EV), Energy Storage Systems (ESS), and Lithium-Ion Battery (LIB) Incidents

- Work group compiled documents to help fire departments write standard operating procedures and identify any gaps in current training, safety and personal protective equipment
- Documents have been prepared as preliminary guidance document that can serve the wide range of fire service agencies within the state. Due to diverse size and composition of Connecticut fire departments, this approach is not intended as a granular or agency specific approach for response. Rather, the CFA views this issue as a fluid process that will involve a continuous learning process.
- [EV ESS LIB Introduction](#)
- [CFA Electric Vehicles](#)
- [CFA Energy Storage](#)
- [CFA Micromobility Devices](#)
- [CT Transit - Emergency Guide Siemens Elec. Bus](#)



Source: P.J. Norwood – DESPP Director of Training CT Fire Academy;
Retrieved January 18, 2023 from

CT Commission on Fire Prevention and Control website <https://portal.ct.gov/CFPC/Training-and-Education>

Emergency Preparedness and Response Resources

- **[NFPA Emergency Response Guides from 35+ alternative fuel vehicle manufacturers](https://www.nfpa.org/Training-and-Events/By-topic/Alternative-Fuel-Vehicle-Safety-Training/Emergency-Response-Guides)**
<https://www.nfpa.org/Training-and-Events/By-topic/Alternative-Fuel-Vehicle-Safety-Training/Emergency-Response-Guides>
- **[NHTSA Battery Safety Initiative](https://www.nhtsa.gov/battery-safety-initiative)** <https://www.nhtsa.gov/battery-safety-initiative>
- **[2020 NTSB Safety Risks to Emergency Responders from Lithium-Ion Battery Fires in Electric Vehicles](https://www.nts.gov/safety/safety-studies/Documents/SR2001.pdf)** <https://www.nts.gov/safety/safety-studies/Documents/SR2001.pdf>
- **[2021 NTSB Summary of Recommendations from Safety Report re Safety Risks to Emergency Responders from EV Batteries](https://www.nts.gov/news/press-releases/Pages/NR20210113.aspx)** <https://www.nts.gov/news/press-releases/Pages/NR20210113.aspx>
- **[2022 US DOT PHMSA Lithium-Battery-Transportation and Recycling-Safety-Advisory](https://www.phmsa.dot.gov/sites/phmsa.dot.gov/files/2022-05/Final-5-16-Lithium-Battery-Recycling-Safety-Advisory.pdf)** <https://www.phmsa.dot.gov/sites/phmsa.dot.gov/files/2022-05/Final-5-16-Lithium-Battery-Recycling-Safety-Advisory.pdf>
- **[2018 United Nations Global Technical Regulation on the Electric Vehicle Safety \(EVS\)](https://unece.org/fileadmin/DAM/trans/main/wp29/wp29wgs/wp29gen/wp29registry/ECE-TRANS-180a20e.pdf)** <https://unece.org/fileadmin/DAM/trans/main/wp29/wp29wgs/wp29gen/wp29registry/ECE-TRANS-180a20e.pdf>
- **[2012 US DOE NREL's Vehicle Safety Roadmap Guidance Vehicle Battery Safety Roadmap Guidance](https://www.nrel.gov/docs/fy13osti/54404.pdf)** <https://www.nrel.gov/docs/fy13osti/54404.pdf>
- **[US DOE Alternative Fuels Data Center: Maintenance and Safety of Electric Vehicles](https://afdc.energy.gov/vehicles/electric_maintenance.html)**
https://afdc.energy.gov/vehicles/electric_maintenance.html



Lithium-Ion batteries preparedness and response
topic: exchange of information and resources