

# Interpretation - Interpretación Entepretasyon - Interpretaçãõ



You **MUST** select a language!

Language options: English, Portuguese, Spanish, Haitian Creole

**DEBE** seleccionar un idioma.

Opciones de idiomas: inglés, portugués, español, criollo haitiano

Ou **DWE** seleksyone yon lang!

Chwa lang: Anglè, Pòtigè, Espanyòl, Kreyòl Ayisyen

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Opções de idiomas: Inglês, português, espanhol, crioulo haitiano

# Chelsea Creek Bulk Petroleum Storage Facilities Draft NPDES Permits and Environmental Justice Analysis



Informational Meeting

March 15, 2021



# Presenters

Damien Houlihan, Acting Chief  
Water Permits Branch

Shauna Little, Permit Writer  
Water Permits Branch

Marcus Holmes  
Environmental Justice Coordinator  
Office of the Regional Administrator

Evan Lewis, Permit Writer  
Water Permits Branch



# Presentation Overview



- Description of the Federal NPDES Permit Process
- Overview of the Facilities
- Description of the draft permit requirements
- Overview of environmental justice activities
- Opportunities for Public Participation



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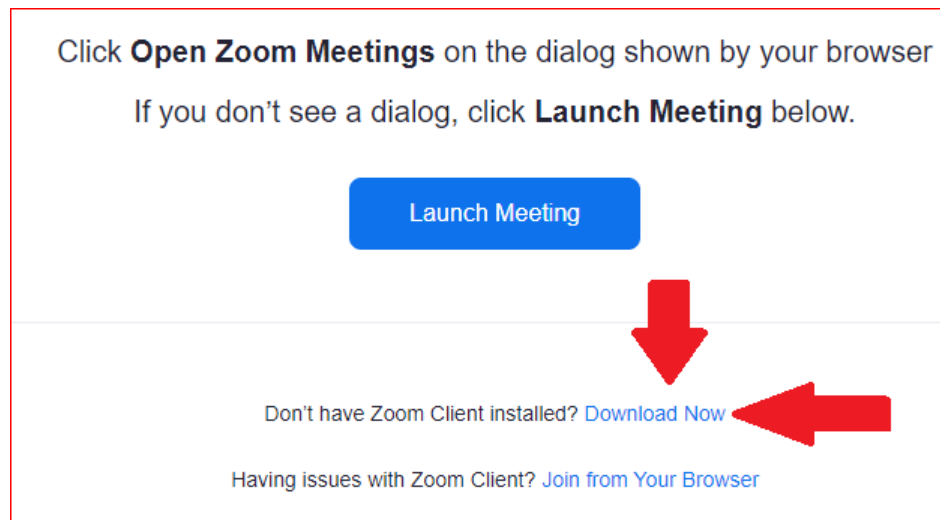
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# HOW TO JOIN ZOOMGOV

- Download the **Zoom Client**
- Click on **DOWNLOAD NOW** to install Zoom Client
  - Zoom Client allows for more features (i.e., Language Interpreter options; view full gallery of participants)
  - Zoom Client installation is free and safe. It takes only seconds to install.
- Once complete, click on **LAUNCH MEETING**
- Join via **YOUR BROWSER** only if you are having trouble with the Client Installation, but If you **join from your browser**, limited features are available. You will still be able to join the meeting. **Language translation is not available via the Browser.**
- If you want the full experience, Leave or close the meeting and re-join by downloading the Zoom Client
- If Joining via **Mobile Phone**: Language Interpretation feature is not available.

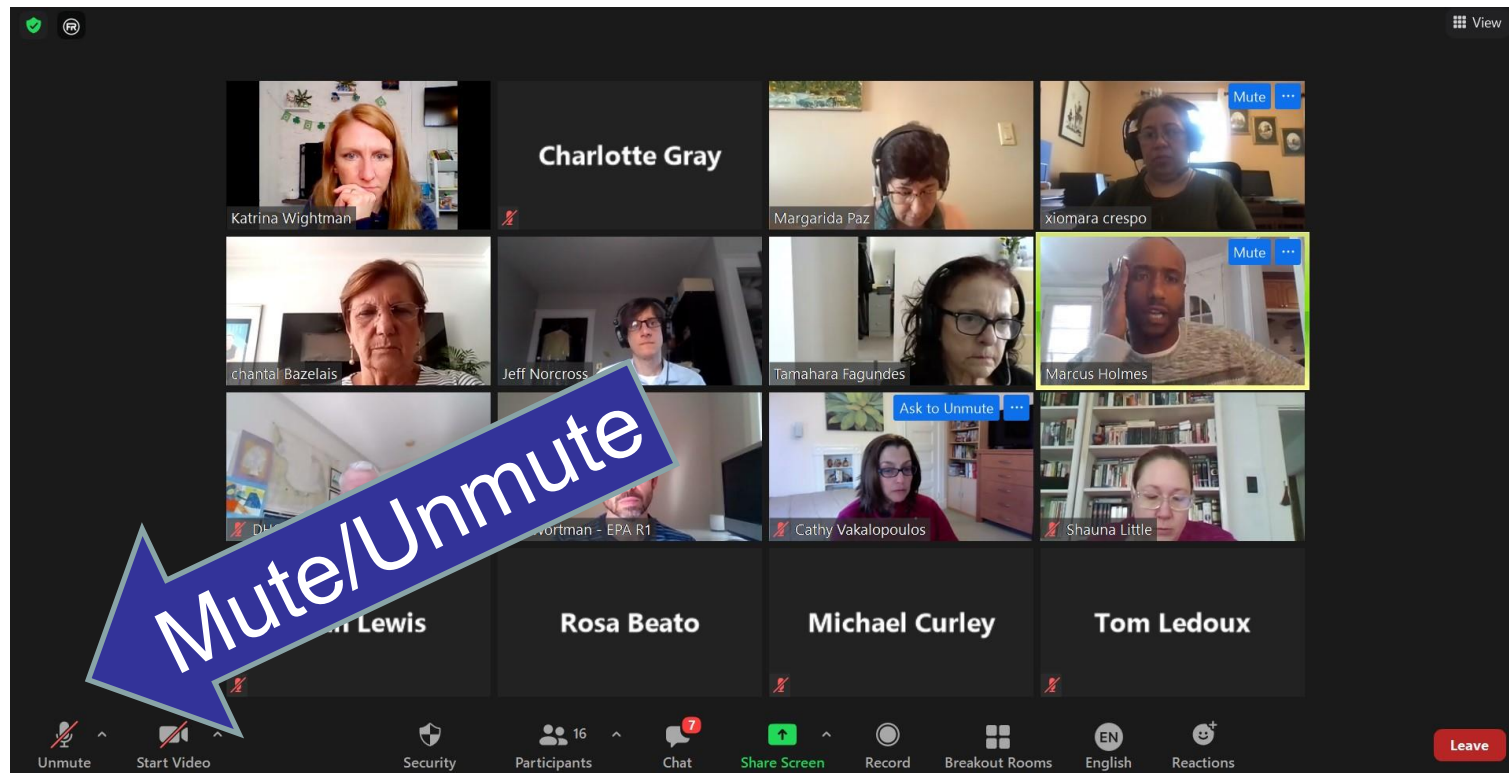
Click **Open Zoom Meetings** on the dialog shown by your browser  
If you don't see a dialog, click **Launch Meeting** below.



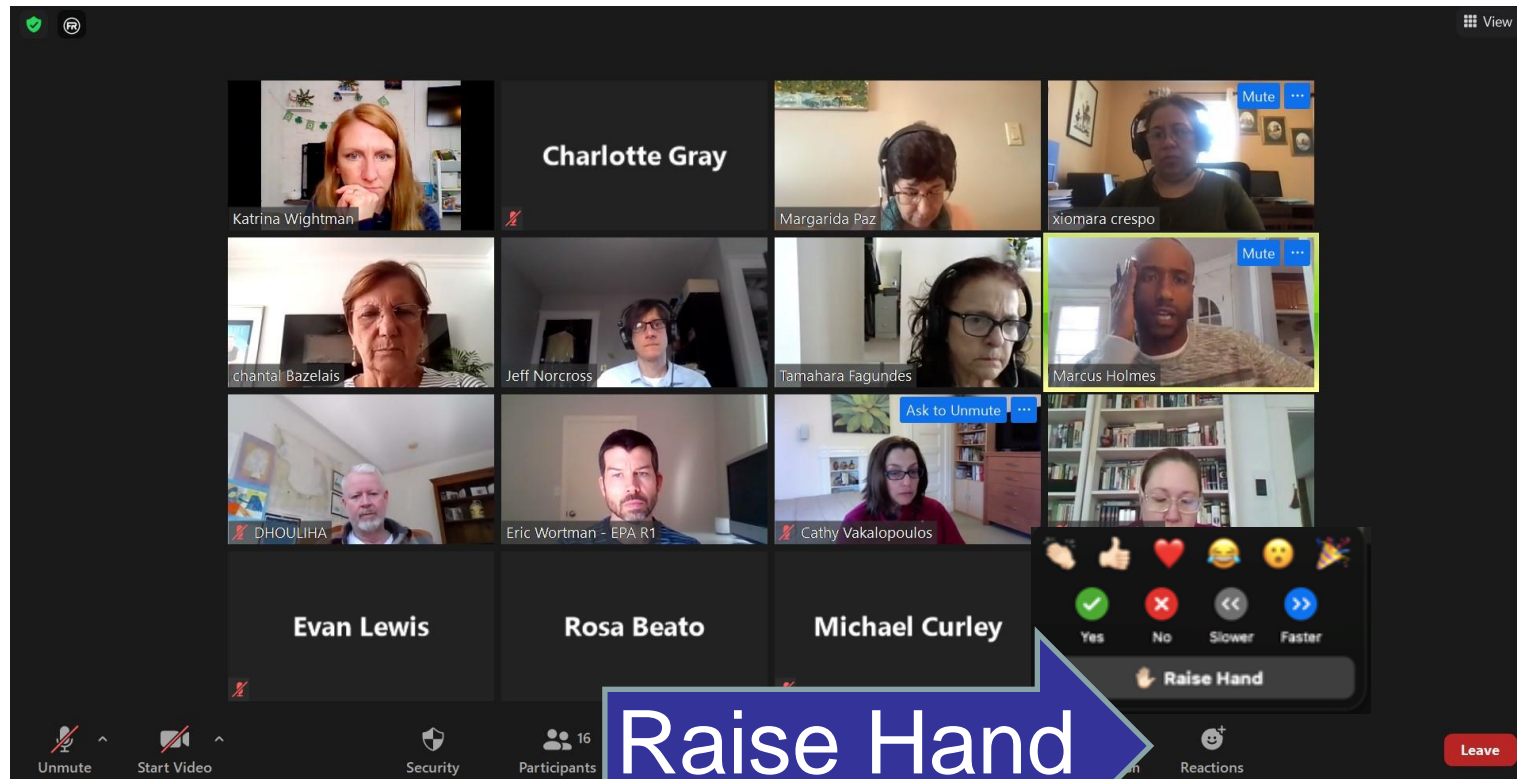
The screenshot shows a white background with a blue button labeled "Launch Meeting" at the top. Below it, a red arrow points down to a link that says "Don't have Zoom Client installed? [Download Now](#)". To the right of this link, another red arrow points left towards it. Below that, there is another link: "Having issues with Zoom Client? [Join from Your Browser](#)".



# Using Zoom: Desktop Client

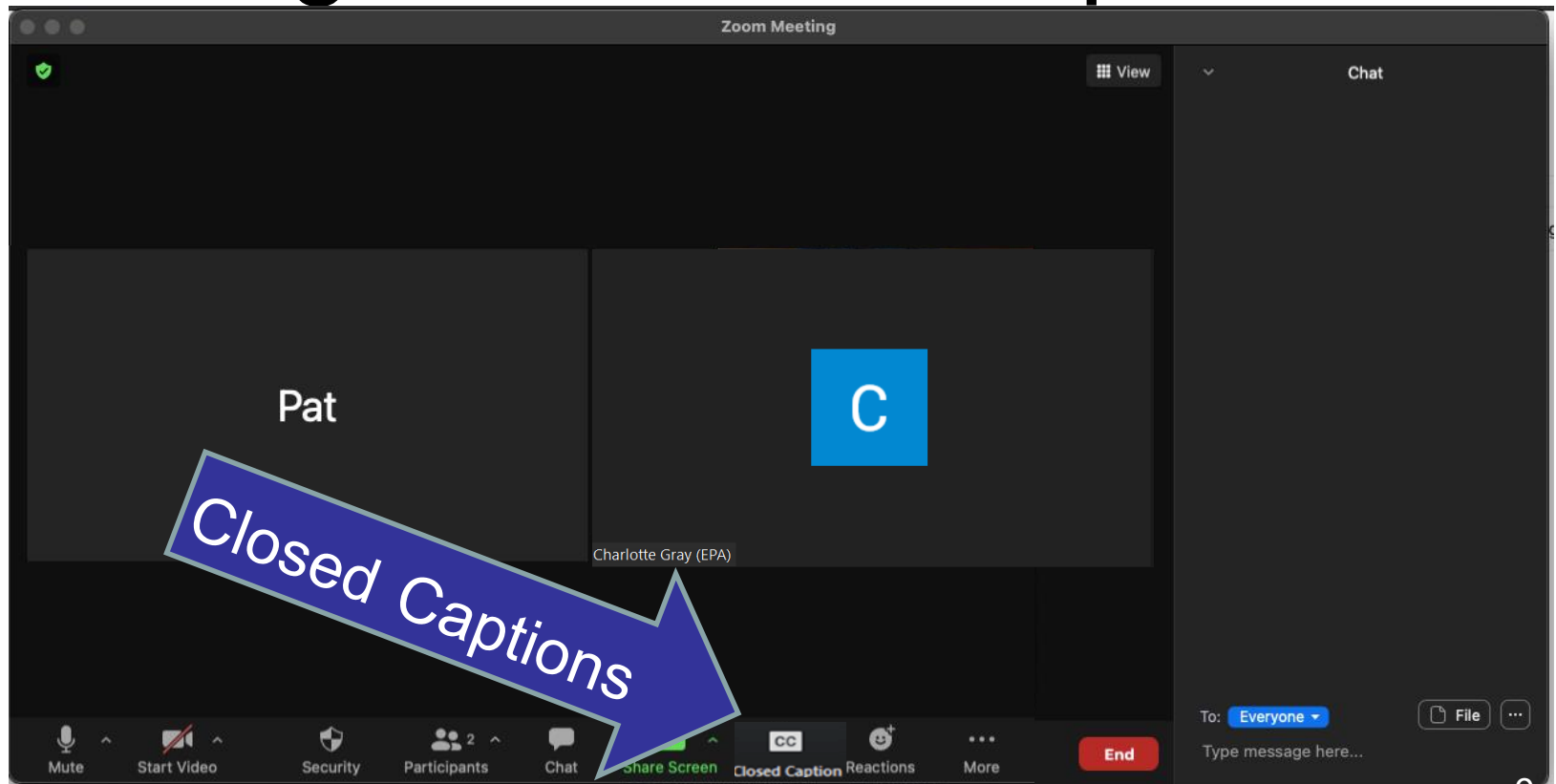


# Using Zoom: Desktop Client





# Using Zoom: Desktop Client



# Using Zoom by Phone



- Key commands
  - Mute/unmute: \*6
  - Raise hand: \*9
- **Presentations are available on the website if you would like to follow along**
  - Presentation material has been translated from English into Spanish, Portuguese and Haitian Creole.



# Ground Rules for Online Participation

Our requests:

- Keep your microphone muted when not speaking
- Respect time limits for questions and comments
- Keep comments and chats respectful and appropriate for a public audience
- Follow the facilitators' guidance and instructions on how to participate



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# Federal NPDES Permit Process

- EPA issued draft permits on February 10, 2021
- EPA will accept public comments on the draft permits until April 11, 2021
- EPA will host a Public Hearing on March 29, 2021
- EPA will prepare a written response to comments and issue final permits for the facilities
- Permit conditions can be appealed to the Environmental Appeals Board (EAB)



# State NPDES Permit Process

- EPA is NPDES permitting authority in Massachusetts
- Until June 2020, EPA and MassDEP jointly issued NPDES permits and State surface water discharge permits as one document
- Agencies now issue two separate permits
- MassDEP generally incorporates EPA permit into the State permit and, if necessary, adds any state-only requirements
- Review State draft permits at: <https://www.mass.gov/service-details/massdep-public-hearings-comment-opportunities>
- Comments on the State permit should be sent to [massdep.npdes@mass.gov](mailto:massdep.npdes@mass.gov)





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# Overview of the Facilities

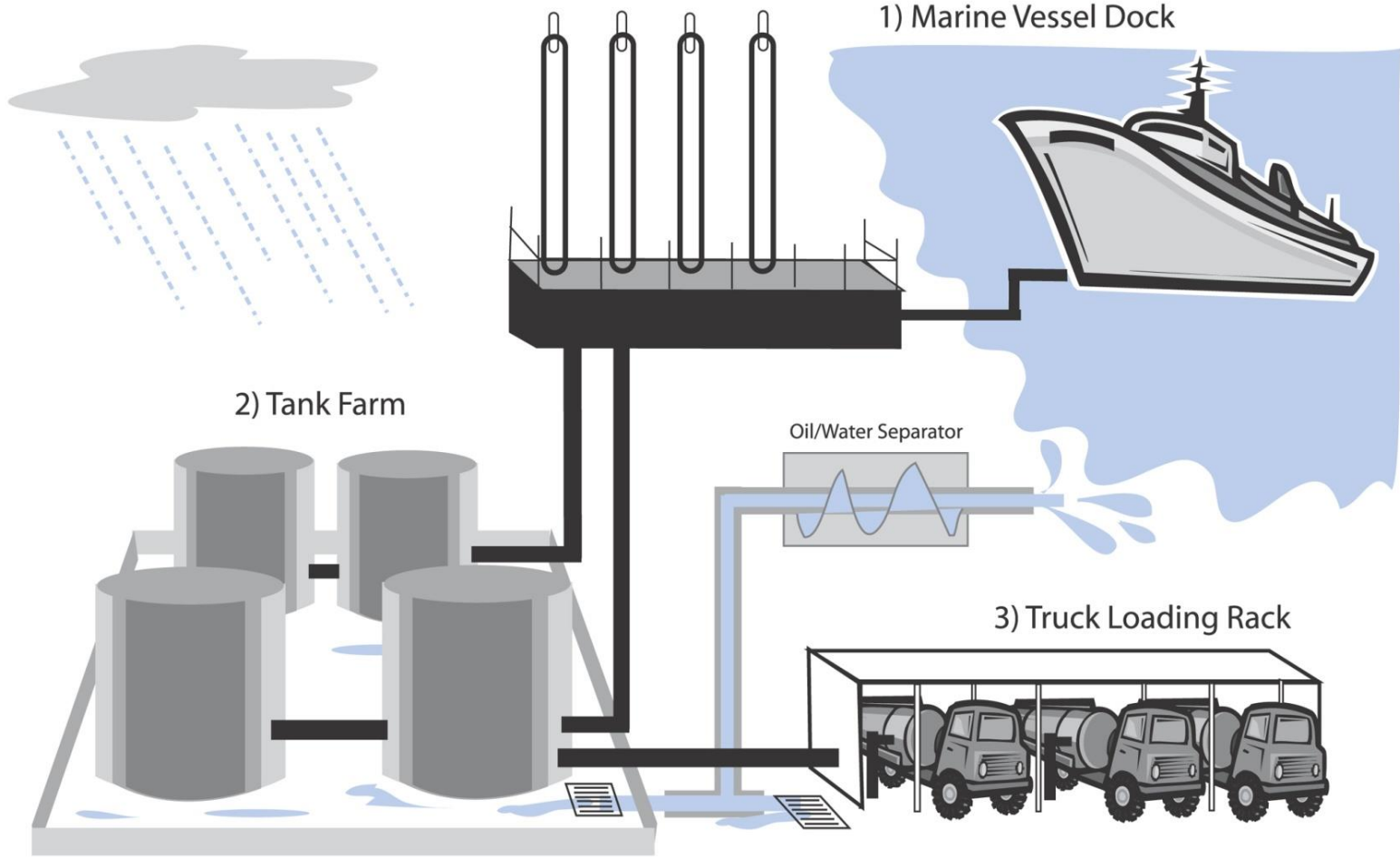
- Global Companies, LLC terminal located in Revere – Permit #MA0000825
- Gulf Oil Limited Partnership located in Chelsea – Permit # MA0001091
- Irving Oil, Terminal, Inc. located in Revere – Permit #MA0001929
- Chelsea Sandwich, LLC located in Chelsea – Permit # MA0003280
- Sunoco Logistics East Boston Terminal located in East Boston – Permit # MA0004006



# Location of Facilities



# Fuel Terminal Flow Diagram



# Types of Discharges

- Stormwater
- Treated Groundwater
- Hydrostatic Test Water
- Boiler Blowdown/  
Condensate
- Allowable non-stormwater  
discharges





# Numeric Limits



- Technology-based limits
- Water quality-based limits
- Monitoring Requirements





# Limits Comparison

<b>Parameter</b>	<b>Typical 2005/2006 Requirement</b>	<b>Typical 2014 Requirement</b>	<b>Typical Draft 2021 Requirement</b>
pH (SU)	6.5 to 8.5	6.5 to 8.5	6.5 to 8.5
TSS (mg/L)	30/100	30/100	30/100
O&G (mg/L)	15	15	15
Benzene (µg/L)	51	51	5
Benzo(a)pyrene (µg/L)	Report	0.018	0.018
Naphthalene (µg/L)	Report	100	20
MtBE	Report	20	20
TRC	None	Report	11/17
Metals	None	Report	5.8/300/95.1
Fecal Coliform	None	Report	88/100
PFAS	None	None	Report
WET Testing (LC <sub>50</sub> )	None	Report	LC <sub>50</sub> ≥ 100%

# Special Conditions

- Best Management Practices (BMPs)
- Stormwater Pollution Prevention Plan (SWPPP)
- Prohibited discharges
- Additional conditions for hydrostatic testing and chemicals/additives
- Bioassessment



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# Environmental Justice

- EPA is guided by Executive Order 12898 on EJ
  - Identify and address the disproportionately high and adverse human health or environmental effects of their actions on minority and low-income populations, to the greatest extent practicable and permitted by law
- EPA Definition
  - The **fair treatment** and **meaningful involvement** of all **people** regardless of race, color, national origin or income with respect to the development, implementation and enforcement of environmental laws, regulations and policies.
- An EJ Analysis, the highest level of review, was chosen for this project to consider the environmental justice issues in connection with these NPDES permits.



# EJ Analysis: Goals & Structure

- Issued at the same time as the draft permits
- Seeks to address any EJ related concerns
- Content includes:
  - Description of NPDES permitted discharges
  - Characterize the demographic, economic, environmental, and health factors of communities impacted
  - Identification and consideration of disproportionately high and adverse human health effects on minority and low-income populations
  - Informs development of the permits by guiding EPA actions related to:
    - Concerns WITHIN the scope of the NPDES permits
    - Concerns BEYOND the scope of the NPDES permits



# Addressing Environmental Justice (EJ) in this Permit

1. EPA conducted a series of listening sessions from October 2020 to January 2021
2. Developed and issued an updated comprehensive EJ Analysis (prior version from 2014)
3. Translated the EJ Analysis from English into three different languages, including Spanish, Haitian Creole and Portuguese
4. Issued a community information sheet
5. Sent advanced notice of the public notice to identified community organizations





# Addressing Environmental Justice (EJ) in this Permit

6. Doubled the length of the 30-day public comment period required by law to 60 days to allow for additional community feedback
7. Hosting THIS public meeting
  - Q&A session following this presentation
8. Will conduct a separate formal public hearing, as well.



# Draft Permits Available for Review

All documents may be downloaded and printed from EPA's website: (Adobe Acrobat Reader is required)

<https://www.epa.gov/npdes-permits/chelsea-river-bulk-petroleum-storage-facilities-npdes-permits>

Print copies are also available at:

EPA Records Center  
5 Post Office Square  
Boston

(617) 918-1990

(Please call to schedule an appointment)



# Questions During the Public Comment Period:

Questions Regarding the  
Permit

Shauna Little

Physical Scientist

EPA Region I – New England

[little.shauna@epa.gov](mailto:little.shauna@epa.gov)

Office: 617-918-1989

Questions Regarding the  
Environmental Justice Analysis

Marcus Holmes

Environmental Justice  
Coordinator

EPA Region I – New England

[holmes.marcus@epa.gov](mailto:holmes.marcus@epa.gov)

Office: 617-918-1630



# Public Hearing:

- A Virtual Public Hearing will be held March 29, 2021, starting at 7:00 PM EST
- Any person may submit oral comments
- Persons wishing to speak are encouraged to register in advance, using the link provided on EPA's website
  - [www.npdespermitspublichearing.eventbrite.com](http://www.npdespermitspublichearing.eventbrite.com)
- Access to the public hearing will be sent to those who pre-register and will be provided on EPA's website.
- [EPA's website: https://www.epa.gov/npdes-permits/chelsea-river-bulk-petroleum-storage-facilities-npdes-permits](https://www.epa.gov/npdes-permits/chelsea-river-bulk-petroleum-storage-facilities-npdes-permits)



# To Submit Comments:

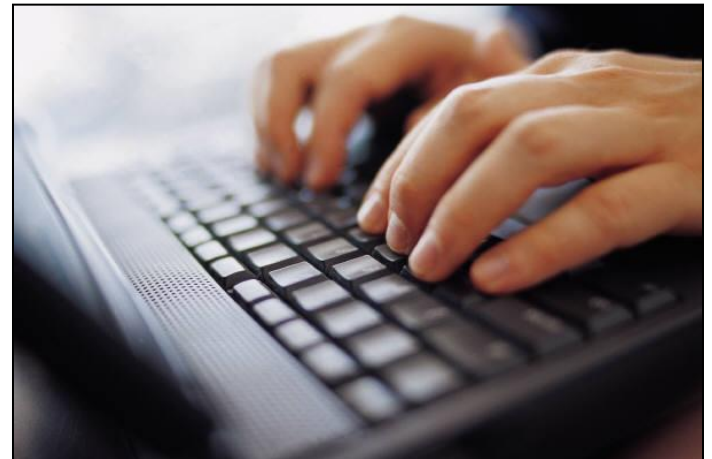
EPA is seeking your feedback and comments on the draft permits and EJ Analysis during public comment period

- February 10, 2021 - April 11, 2021

**Oral comments** can be provided at the Public Hearing on March 29, 2021

**Written comments** can be sent to:

Shauna Little  
[little.shauna@epa.gov](mailto:little.shauna@epa.gov)  
Fax: (617) 918-0989



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# Q&A: How to Participate Via Zoom

- Raise your “virtual” hand to get in the speaking queue.
- You can also type questions via chat
  - Facilitator will periodically turn to questions/comments from the chat and read them aloud
- The phone line will periodically be unmuted so participants can ask spoken questions
- Understand that we may not get to all questions today (spoken or via chat)

