

Massachusetts Department of Environmental Protection
Bureau of Water Resources – Wastewater Management Program
Combined Sewer Overflow Final Public Notification Plan

1. Facility Information

Important: When filling out forms on the computer, use only the tab key to move your cursor - do not use the return key.



Name of Permittee (Facility or System)

Permittee Contact Name

Email Address

Phone number

Permittee Mailing Address

NPDES Permit #

System contains (check all that apply):

- ☐ Collection system ☐ Pump station(s) above 1MGD ☐ Wastewater treatment plant

Location of WWTP discharge, if applicable:

☐ **Attach** a map with locations of discharges and affected waterbodies. Include other supporting information as needed.

2. Identification of Environmental Justice Populations

Are there Environmental Justice (EJ) populations that would potentially be affected by your wastewater treatment plant discharge(s) or a combined sewer overflow? See the Instructions file for more detail.

☐ Yes ☐ No

If there are EJ populations that would potentially be affected, do 25% or more of households lack English-language proficiency, and at least 5% of the population self-identify as “do not speak English very well”? See the Instructions file for more detail.

☐ Yes ☐ No

Provide a list of all languages that notifications will be translated into:

Attach a description of how translations of public advisory notification and signage required by these regulations will be provided to EJ populations in the languages listed above. Include:

- ☐ A description of the third party or internal resource used to produce the translations
☐ A description of how the translation will be accessed by a public advisory notification recipient
☐ A description of how the translation will be accessed by someone reading the signage at CSO outfalls and public access points

3. Discharges, Overflows, and Public Notification Content

When public notification is required: (check box to affirm)

- ☐ Permittee is aware that all events covered under 314 CMR 16.03(1)(a-e) require a public notification.

Required content of public notification: (check box to affirm)

- ☐ Permittee is aware of all required information for public notifications under 314 CMR 16.04(10)

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Attach a description of how the permittee will meet the requirements under 314 CMR 16.04(10), including the following:

- ☐ How the permittee will determine or discover that an event has occurred
- ☐ How the permittee will estimate the volume of discharges or overflows
- ☐ How the permittee will estimate the commencement times, cessation times, and duration of discharges or overflows
- ☐ A list of the waters and land areas affected by the permittee's discharges or overflows

Permittee can meet all requirements of 314 CMR 16.04(10) ☐ Yes ☐ No

If no, please describe in detail which components the permittee is not able to meet and the measures needed to comply. Include a schedule for compliance.

Components that cannot be met

Schedule for compliance

4. Discovery and Required Timeline for Notification Following Discharge or Overflow

Requesting approval of an alternative method:

Is the permittee requesting approval to use a method other than metering to detect a discharge? (Requires approval of MassDEP Commissioner) ☐ Yes ☐ No

- ☐ If yes, **attach** additional information on the method to detect a discharge
- ☐ If yes, **attach** a letter to the Commissioner with the approval request

Discovery of a Discharge or Overflow:

☐ **Attach** a description of the steps the permittee will take to determine or discover that a discharge or overflow from its outfall or sewer system is occurring

Can the permittee discover an event under 314 CMR 16.04(5)(a), (b) & (c) within the required timeline? ☐ Yes ☐ No

- ☐ If no, **attach** a description specifying the limitations to meeting these requirements and potential remedies. Include and a schedule for implementing potential remedies.

Issuance of Public Notification:

Permittee can meet the notification requirements in 314 CMR 16.04(4) to notify as soon as possible, but no later than two hours after discovery. ☐ Yes ☐ No

- ☐ If no, **attach** a description specifying the limitations, potential remedies, and a schedule for implementing potential remedies.
- ☐ If no, **attach** a letter to the Commissioner requesting approval for a longer time period for notification.

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Continuation of Public Notification:

Permittee can meet the notification requirements in 314 CMR 16.04(7) to issue an update 8 hours after the public advisory notification, if the initial notification does not indicate that the event has ceased. ☐ Yes ☐ No

☐ If no, **attach** a description of which requirement cannot be met, what measures are needed for compliance, and a schedule for compliance.

Cessation of Public Notification:

Permittee can meet the notification requirements in 314 CMR 16.04(8) to continue issuing 8 hour updates for ongoing events, and notify within 2 hours of when the event ceases or is projected to cease. ☐ Yes ☐ No

☐ If no, **attach** a description of which requirement cannot be met, what measures are needed for compliance, and a schedule for compliance.

Retraction of Public Notification:

Permittee can meet the notification requirements in 314 CMR 16.04(9) to issue a retraction if the permittee becomes aware within 48 hours of issuing the public advisory notification that no discharge or overflow actually occurred. ☐ Yes ☐ No

☐ If no, **attach** a description of which requirement cannot be met, what measures are needed for compliance, and a schedule for compliance.

5. CSO Permittee Website

Does the permittee/sewer authority have an existing website or web page where relevant information is posted? ☐ Yes ☐ No

If yes, provide the URL:

Describe the subscriber-based system where the public can sign up to receive your notifications.

Permittee's website is able to meet the requirements under 314 CMR 16.04(3) ☐ Yes ☐ No

Permittee's website is able to meet the requirements under 314 CMR 16.05(1)(a-e) ☐ Yes ☐ No

If any website requirements can not be met, specify limitations to meeting these requirements, potential remedies, and a schedule for compliance:

☐ **Attach** a description of how the Permittee will update the website with requirements under 314 CMR 16.04(3) and 314 CMR 16.05(1)(a-e)

6. Signage

Permittee has consulted with the Board of Health/Health Departments in municipalities affected by their discharges for public access sign location points as required by 314 CMR 16.05(3)? ☐ Yes ☐ No

☐ **Attach** a list of locations where signs will be installed and dates when signs will be installed.

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Permittee is able to meet the signage requirements under 314 CMR 16.05(2)? ☐ Yes ☐ No

If no, specify limitations to meeting these requirements, potential remedies, and a schedule for compliance:

Permittee is able to meet the signage requirements under 314 CMR 16.05(3)? ☐ Yes ☐ No

If no, specify limitations to meeting these requirements, potential remedies, and a schedule for compliance:

7. Public Notification Recipients

Media Outlets

List the two media outlets serving the area near the discharge or outfall that the permittee will contact to provide a public notification. Include name of organization, name of contact, and contact's email address or fax number.

Name of media outlet #1

Name of media outlet #2

If permittee has determined that an EJ population could potentially be affected by a discharge or overflow, which of these media outlets serves the EJ population? If neither does, then provide at least one additional news organization that primarily serves the EJ population(s) within the impacted municipalities. (Include name of organization, name of contact, and contact's email address or fax number.)

Name of additional media outlet serving EJ population if neither media outlet above serves EJ population

☐ **Attach** a description explaining how the identified media outlets serve potentially affected EJ populations.

See Instructions for list of **Required Public Notification Recipients** (314 CMR 16.04(4)(a)).

☐ **Attach** a list of your required contacts.

8. Detection method maintenance

If metering is used, will the Permittee perform the requirements in 314 CMR 16.06(2)(b) below?

Calibrate metering equipment on an annual basis, at minimum ☐ Yes ☐ No

Properly maintain metering equipment ☐ Yes ☐ No

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If models are used and approved, will the Permittee perform the following requirements in 314 CMR 16.06(2)(d) below?

- | | | |
|---|------------------------------|-----------------------------|
| Review and update the model input data as needed | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| Maintain any data collection equipment providing critical input to the model | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| Assess model predictions annually, at a minimum | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| Provide a description of actions taken in writing on or before March 1 st of each year | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
-

9. Public Notice

Submit a public notice to the Environmental Monitor at the same time this plan is submitted to MassDEP. Indicate below that the permittee will submit the public notice as follows:

- ☐ Email the public notice to MEPA@mass.gov at the same time the plan is submitted to MassDEP
 - ☐ Include in the body of the email, "Please publish the attached public notice as 'Notice of Combined Sewer Overflow (CSO) Final Public Notification Plan.'"
 - ☐ Attach the public notice to the email as a PDF
 - ☐ Permittee will place a public notice in at least one media outlet that serves the EJ population(s) in the municipalities impacted by the discharge. Indicate media outlet(s) below:
-

Include the following in the Public Notice, required under 314 CMR 16.06(2):

- ☐ A statement that a CSO Public Notification Plan has been prepared and submitted to the Department
 - ☐ A link to a website where an interested party can review the plan
 - ☐ A statement that written comments on the plan can be submitted to MassDEP and the permittee for a period of 30 days after the date of publication in the Environmental Monitor or media outlet, whichever date is later. Explicitly list the end date for submission of public comments
 - ☐ Translations of the Public Notice in languages most appropriate for neighborhoods within the impacted municipalities that are identified as environmental justice populations due to lacking English language proficiency
-

Certification

I attest that I have examined and am familiar with the information contained in this submittal, including any and all documents accompanying this certifying statement. The information contained in this submittal is, to the best of my knowledge, true, accurate, and complete. I am fully authorized to make this attestation on behalf of the facility.

Print Name

Anthony J. Marino P.E.

Signature

Title

Date

1. Facility Information

Map with locations of discharges and affected water bodies is attached.

2. Identification of Environmental Justice Populations

Translation services will be completed by a third party application (Google Translate) as well as the Commissions Engineer of Record (CDM Smith) who has provided these services for other EJP communities. The public advisory notification emails are sent with the Google Translate plug-in embedded in the bottom of the email. At each access point, signage contains a link to the City of Lynn's website which also provides translations for the public.

3. Discharges, Overflows, and Public Notification Content

Discovery of an overflow event will be accomplished using real-time monitoring equipment, which provides an alarm should the equipment detect overflow conditions. The alarms are confirmed by the real-time monitoring vendor as well as Commission staff on the vendor's web-based platform. Commencement times, cessation times, and duration of overflows will be determined using the same methodology and information.

Discharge volumes are currently being estimated utilizing average discharge volume data from three previous prior. These averages were calculated for each outfall and are provided as a table in the public notification email. The table also includes the affected waterbody for each outfall location. The Commission is anticipating volume data to be calculated real-time and displayed on the vendor's web-based platform. This transition will occur with a change in vendors in the Spring of 2023.

4. Discovery and Required Timeline for Notification Following Discharge or Overflow

Using current flow monitoring equipment deployed at each overflow location, the equipment software will send an alert to the Commission staff alerting that an overflow event has occurred. The Commission staff will then send a public notification email to the list of parties to inform an event has occurred, including start time, affected water body, estimated volume, links to resources, and link to translate the notice. If the event is still occurring at the time of the email, another email will be sent informing the event has ceased and the time of cessation.

Given that the process of sending a public notice is not automated, and must be disseminated by Commission staff, the Commission may not meet the notification timeline requirement of two hours for events occurring overnight. However, these events are reported as soon as practical. For example, should an overflow occur at 3:00 am a notice will be sent at approximately 7:00-8:00 am that day. It is expected this process will become automated by the Spring of 2023, with software upgrades that eliminate the need for Commission staff to send the notice and will be sent directly by the monitoring

equipment. This work was included as part of the Commissions grant application, which is pending award with MassDEP.

5. CSO Permittee Website

The Commission has included IT work with the grant application, as to consolidate the subscriber system and include links to reports.

6. Signage

Please see attached list of public access locations where signage has been installed, as well as the sign template for CSO 004/005.

7. Public Notification Recipients

The Daily Item and the Lynn Journal serve the entire population of Lynn, including EJ populations. The Daily Item also serves surrounding communities, such as Peabody, Swampscott, Saugus, and Nahant. These two outlets are the most utilized and most common outlets in the City.

Please see attached list of contacts for public advisory notifications.

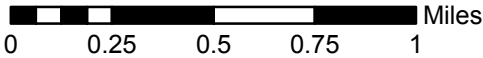
8. Detection Method Maintenance

Maintenance of the monitoring equipment will be the responsibility of the contracted vendor as part of the contract services. At a minimum, equipment will be calibrated annually and properly maintained throughout the year between servicing.

9. Public Notice

Please see attached verbiage for Public Notice sent for publication in the Environmental Monitor and The Daily Item.

CSO Outfall Locations Lynn, MA



CSO Access Point Signage

Outfall:	Location:	Date installed:
003	Summer Street, adjacent to the GE Field	July 5 th , 2022
*004	Lynn Harbor adjacent to Heritage State Park	July 5 th , 2022
*005	Lynn Harbor adjacent to Heritage State Park	July 5 th , 2022
006	King's Beach at Eastern Ave	July 5 th , 2022
006	King's Beach at Kimball Road	July 5 th , 2022
006	King's Beach at Peirce Road	July 5 th , 2022

*Outfalls 004 and 005 both discharge at the same location and will only require 1 sign which will be labeled with both outfall's information.

CAUTION

**Avoid water activities during or after rainfall
Combined sewer outfall nearby**



Lynn Water and Sewer Commission

During or after rainfall, an outfall pipe nearby may release stormwater mixed with sewage. Sewage can contain bacteria that cause illness.

For more information, visit:

Para más información visite:

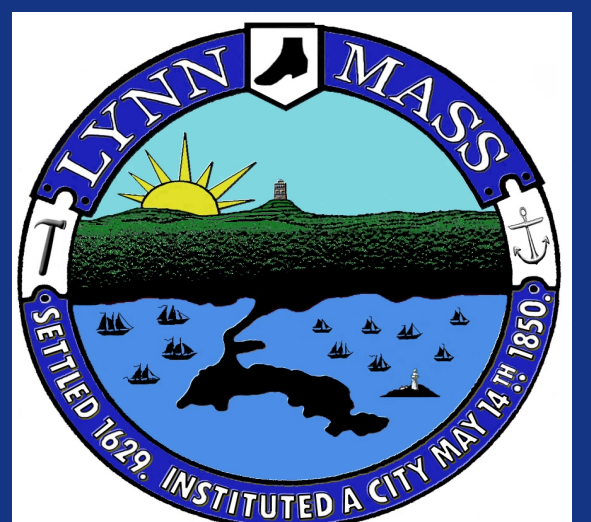
[http://www.lynnwatersewer.org/
community.shtml](http://www.lynnwatersewer.org/community.shtml)

Public Health Advisories and Alerts regarding the affected water can be found at:

[https://www.lynnma.gov/departments/
inspectionalservices.shtml](https://www.lynnma.gov/departments/inspectionalservices.shtml)



CSO OUTFALL: 004 & 005



LWSC CSO Notification List

Members:

Andy Hall

Anthony Marino

Antonio Barletta

Ashley Keighley

Beattie, Mike (DPH)

Christina Doctoroff

Dan O'Neill

Dennis Fitzpatrick

DEP Sewage Notification

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ztaylor@nahant.org

LWSC CSO Final Notification Plan Public Notice

For publication: The Environmental Monitor & The Daily Item

The Lynn Water & Sewer Commission (LWSC) has prepared and submitted a Final Combined Sewer Overflow (CSO) Public Notification Plan to the Massachusetts Department of Environmental Protection (MassDEP). Any interested party can view the plan at the following website: www.lynnwatersewer.org/community. Written comments can be submitted until February 24, 2023. Submit written comments to MassDEP by email (preferred) to massdep.sewagenotification@mass.gov or by mail to 100 Cambridge St, Suite 900 Boston, MA 02114. Submit written comments to LWSC by email to bfennell@lynnwatersewer.org. This Public Notice is published in the Environmental Monitor and The Daily Item.

La Comisión de Agua y Alcantarillado de Lynn (LWSC) ha preparado y presentado un Plan Final de Notificación Pública de Desbordamiento de Alcantarillado Combinado (CSO) al Departamento de Protección Ambiental de Massachusetts (MassDEP). Cualquier parte interesada puede ver el plan en el siguiente sitio web: www.lynnwatersewer.org/community. Los comentarios escritos se pueden enviar hasta el 24 de febrero de 2023. Envíe los comentarios escritos a MassDEP por correo electrónico (preferido) a massdep.sewagenotification@mass.gov o por correo postal a 100 Cambridge St, Suite 900 Boston, MA 02114. Envíe los comentarios escritos a LWSC por envíe un correo electrónico a bfennell@lynnwatersewer.org. Este Aviso Público se publica en Environmental Monitor y The Daily Item.

Lynn Water and Sewer Commission (LWSC) te prepare epi soumèt yon Final Combined Sewer Overflow (CSO) Plan Notifikasyon Piblik bay Depatman Pwoteksyon Anviwònman Massachusetts (MassDEP). Nenpòt moun ki enterese ka wè plan an sou sitwèb sa a: www.lynnwatersewer.org/community. Ou ka soumèt kòmantè alekri jiska 24 fevriye 2023. Soumèt kòmantè alekri bay MassDEP pa imel. (de pito) a massdep.sewagenotification@mass.gov oswa pa lapòs nan 100 Cambridge St, Suite 900 Boston, MA 02114. Voye kòmantè alekri bay LWSC pa imèl nan bfennell@lynnwatersewer.org. Avi Piblik sa a pibliye nan Environmental Monitor ak The Daily Item.

knkammokear tuk ning lou Lynn (LWSC) ban riebcham ning dak choun phenkar choundamnoeng chea satharn nouv kar haur leusa brapnth lou chongokraoy (CSO) towkean neayokadthan karpar bristhean nei rodth Massachusetts (MassDEP) . pheaki del chabarommo ach meul komrong nih now leu kehtompr dauch khangokraom : www.lynnwatersewer.org/community . mte chea leayolokkha aksaar ach trauv ban dak choun rhautadl thngaiti 24 khekomph chhnam 2023 . banhchoun mteyobl chea leayolokkha aksaar towkean MassDEP tam aimel (penhchett) towkean massdep.sewagenotification@mass.gov ryy tam braisanei towkean 100 Cambridge St, Suite 900 Boston, MA 02114 . phnhae mte chea leayolokkha aksaar towkean LWSC tamory aimel bfennell@lynnwatersewer.org . sechaktei choundamnoeng chea satharn nih trauv ban baohpoump nowknong Environmental Monitor ning The Daily Item .