

FINAL

Clean Water Act Section 401 Certification
For the Proposed 2020 Federal NPDES Permit
For the Massport Fire Training Facility
MA Permit No. MA0032751

The Massachusetts Department of Environmental Protection (MassDEP), having examined Massport's National Pollutant Discharge Elimination System (NPDES) permit application for the Massport Fire Training Facility, reviewed the United States Environmental Protection Agency (EPA) – Region 1's draft 2020 Federal NPDES permit (MA Permit No. MA0032751) for the Massport Fire Training Facility issued July 16, 2020, and considered the public comments received on MassDEP's proposed Clean Water Act Section 401 Certification for the draft 2020 Federal NPDES Permit for the Massport Fire Training Facility, and in consideration of the relevant water quality considerations, hereby certifies:

1. that the following conditions, together with the terms and conditions contained in the proposed 2020 Federal NPDES permit for the Massport Fire Training Facility, are necessary to assure compliance with the applicable provisions of the Federal Clean Water Act Sections 208(e), 301, 302, 303, 306, and 307 and with appropriate requirements of State law, including, without limitation, the Massachusetts Clean Waters Act, M.G.L. c. 21, §§ 26-53 and the Massachusetts Water Quality Standards published at 314 CMR 4.00:
 - a. Pursuant to 314 CMR 3.11 (2)(a)6., and in accordance with MassDEP's obligation under 314 CMR 4.05(5)(e) to maintain surface waters free from pollutants in concentrations or combinations that are toxic to humans, aquatic life, or wildlife, within six (6) months of the effective date of the 2020 Federal NPDES permit, the permittee shall submit to MassDEP an evaluation of whether the facility uses any products containing any per- and polyfluoroalkyl substances (PFAS) and whether use of those products can be reduced or eliminated. The analysis shall be submitted electronically to massdep.npdes@mass.gov.
 - b. Pursuant to 314 CMR 3.11 (2)(a)6., and in accordance with MassDEP's obligation under 314 CMR 4.05(5)(e) to maintain surface waters free from pollutants in concentrations or combinations that are toxic to humans, aquatic life, or wildlife, If EPA's multi-lab validated method for wastewater has not been made available to the public on EPA's Clean Water Act methods program website¹ by two (2) years from the effective date of the 2020 Federal NPDES permit, the permittee shall conduct monitoring of the effluent for PFAS compounds as detailed in the table below using a method specified by MassDEP. If EPA's multi-lab validated method is not available by twenty (20) months after the effective date of the 2020 Federal NPDES permit, the permittee shall contact MassDEP (massdep.npdes@mass.gov) for guidance on an appropriate analytical method.

¹ See <https://www.epa.gov/cwa-methods/other-clean-water-act-test-methods-chemical> and <https://www.epa.gov/cwa-methods>.

Effluent (Outfall 001)

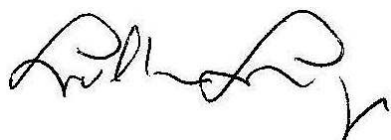
| Parameter | Units | Measurement Frequency | Sample Type |
|--------------------------------------|-------|------------------------|-------------------|
| Perfluorohexanesulfonic acid (PFHxS) | ng/L | Quarterly ² | 24-hour Composite |
| Perfluoroheptanoic acid (PFHpA) | ng/L | Quarterly | 24-hour Composite |
| Perfluorononanoic acid (PFNA) | ng/L | Quarterly | 24-hour Composite |
| Perfluorooctanesulfonic acid (PFOS) | ng/L | Quarterly | 24-hour Composite |
| Perfluorooctanoic acid (PFOA) | ng/L | Quarterly | 24-hour Composite |
| Perfluorodecanoic acid (PFDA) | ng/L | Quarterly | 24-hour Composite |

2. that there is a reasonable assurance that the activity will be conducted in a manner which will not violate applicable state water quality standards.

To meet the requirements of Massachusetts laws, each of the conditions cited in the draft permit and this certification shall not be made less stringent unless new data or other information is presented and MassDEP determines modification of this certification is appropriate in consideration of the relevant water quality considerations.

If any condition in the draft 2020 Federal NPDES permit for the Massport Fire Training Facility is changed during EPA's review in any manner inconsistent with this certification, the Department reserves the right to modify this certification in consideration of the relevant water quality considerations. In addition, the Department reserves the right to modify this certification if there is a change in Massachusetts law or regulation upon which this certification is based, or if a court of competent jurisdiction or MassDEP Office of Appeals and Dispute Resolution stays, vacates or remands this certification, as provided by 40 C.F.R. § 124.55.

Signed this 11th day of September, 2020.



Lealdon Langley, Director
Massachusetts Department of Environmental Protection
Bureau of Water Resources
Division of Watershed Management

² Quarters are defined as January to March, April to June, July to September, and October to December. Samples shall be taken during the same month each quarter and shall be taken 3 months apart (e.g., an example sampling schedule could be February, May, August, and November).