

I. PWS INFORMATION:

PWSID#: **PWS Name:** **PWS Town:**

Treatment Plant Name: Reporting Period → Month: Year:

Total # of Filters at Treatment Plant¹:

II. MONTHLY REPORTING:

Filtered Water Turbidity Measured: ☐ Individual Filter Effluent (IFE) or ☐ Combined Filter Effluent (CFE) ²

Analytical Method: ☐ SM 2130B ☐ EPA 180.1 ☐ GLI Method 2 (Great Lakes)

1.	<p>Was each filter monitored continuously?</p> <p>If continuous monitoring equipment is installed and if it functioned continuously throughout the month, the correct answer is "yes". If continuous monitoring equipment is not installed or did not function continuously throughout the month, the correct answer is "no".</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
2.	<p>Were measurements recorded every 15 minutes?</p> <p>If measurements on each filter were performed throughout the month and the measurements were recorded every 15 minutes when water was being filtered, the correct answer is "yes". If there was a failure in any continuous monitor, the correct answer is "no".</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
3.	<p>Was there a failure of continuous turbidity monitoring equipment?</p> <p>If grab samples were obtained due to an equipment failure, the correct answer is "yes". If there was no equipment failure during the month, the correct answer is "no". Systems serving a population of at least 10,000 must conduct grab samples every 4 hours in lieu of continuous monitoring, but for no more than 5 working days following the failure of equipment. Systems serving a population less than 10,000 may use grab samples for up to 14 working days.</p> <p>List filter # and date(s) grab samples collected:</p> <p>Comment:</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
4.	<p>Were individual filter levels greater than 1.0 NTU in two consecutive measurements?</p> <p>If "yes", systems serving a population of at least 10,000 must produce a filter profile within 7 days of the exceedance or report the obvious reason for the exceedance in the table below. The filter profile is not required to be submitted unless requested, only report that the filter profile has been done. Systems serving a population less than 10,000 shall report exceedance information in the table below.</p> <p>List date(s) a filter profile was produced:</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
5.	<p>Were individual filter levels greater than 0.5 NTU in two consecutive measurements after the filter has been online for more than 4 hours?</p> <p>If "yes", systems serving a population of at least 10,000 must produce a filter profile within 7 days of the exceedance or report the obvious reason for the exceedance in the table below. The filter profile is not required to be submitted unless requested, only report that the filter profile has been done. <i>Systems that serve a population less than 10,000 have no required action.</i></p> <p>List date(s) a filter profile was produced:</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
6.	<p>Were individual filter levels greater than 1.0 NTU in two consecutive measurements in three consecutive months?</p> <p>If "yes", the system must conduct a self-assessment of the filter within 14 days of the exceedance. The system is to report that a self-assessment has been completed. Systems with 2 filters that monitor CFE in lieu of IFE must do both filters. <i>Refer to 310 CMR 22.20D(6)(b)(2) and 310 CMR 22.20F(7)(d)(2) for required filter self-assessment report content.</i></p> <p>List date(s) a filter self-assessment was triggered: _____ Report(s) Completed: _____</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
7.	<p>Were individual filter levels greater than 2.0 NTU in two consecutive measurements in two consecutive months?</p> <p>If "yes", systems serving a population of at least 10,000 must schedule a Comprehensive Performance Evaluation (CPE) within 30 days of the exceedance and submit the report within 90 days. A system serving a population less than 10,000 must schedule a CPE within 60 days of the exceedance and submit the report within 120 days.</p> <p>List date(s) the CPE was triggered: _____</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No

For each 'Yes' response to question #4, #5, #6 or #7 above: Report the following information in the table below.

[illegible]



Massachusetts Department of Environmental Protection - Drinking Water Program
TURBIDITY - INDIVIDUAL FILTER MONITORING
For Conventional or Direct Filtered Systems

SWTR
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III. DAILY REPORTING¹:

Day	Filter Number: <input type="text"/>	Filter Number: <input type="text"/>	Filter Number: <input type="text"/>	Filter Number: <input type="text"/>
	³ Max Day NTU	⁴ Max after 4 Hours NTU	³ Max Day NTU	⁴ Max after 4 Hours NTU
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2				
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1. Systems shall conduct continuous turbidity monitoring of the filter effluent for each individual filter at the filtration facility and record turbidity measurements every 15-minutes. Record the actual turbidity result at the specified interval of time. Do not average turbidity measurements. Individual filter turbidity records must be retained for 3 years and kept on file for MassDEP review.
2. Systems serving less than 10,000: If the treatment system has only one or two filters, the supplier may conduct continuous monitoring of the CFE turbidity in lieu of individual filter effluent (IFE) turbidity monitoring. If there are two filters, a continuous turbidity monitor can be installed on the combined filter effluent. If a CFE problem appears, follow-up action must then be completed on both filters.
3. Enter the highest daily 15-minute interval turbidity measurement recorded for the filter specified.
4. Enter the highest daily 15-minute interval turbidity measurement recorded at the end of the first four hours of continuous filter operation after the filter has been backwashed or otherwise taken offline.

I certify under penalties of law that I am the person authorized to fill out this form and the information contained herein is true, accurate and complete to the best extent of my knowledge.

PWS Authorized Signature: _____

Date: _____ Title: _____

In accordance with 310 CMR 22.15(2), if mailing paper reports, TWO copies of this report must be received by your MassDEP Regional Office no later than 10 days after the end of the month in which the results are received or no later than 10 days after the end of the monitoring period, whichever is sooner. Please note: Electronic reporting (eDEP) deadline is the same as above.