

**Massachusetts Department of Environmental Protection - Drinking Water Program
Stage 2 Disinfection By-Products Rule (DBPR) Quarterly Compliance Worksheet**

1085000	East Longmeadow DPW Water Division	East Longmeadow
PWSID	PWS Name	City/Town
PWS Class: COM	Monitoring Frequency: Quarterly	Monitoring Type: Routine

CERTIFICATION: 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.

YEAR: 2025 QUARTER: Q4: Oct-Dec

Primary Operator Signature Date

SYSTEMS USING CHLORINATION or CHLORAMINATION - COMPLETE TABLES A, B & C

A. CHLORINE RESIDUAL COMPLIANCE

	Month	Year	# Samples	Monthly Avg (ppm)
Q1	January	2025	18	0.25
	February	2025	18	0.28
	March	2025	18	0.26
Q2	April	2025	18	0.21
	May	2025	18	0.17
	June	2025	24	0.14
Q3	July	2025	18	0.18
	August	2025	18	0.23
	September	2025	18	0.21
Q4	October	2025	18	0.20
	November	2025	19	0.15
	December	2025	18	0.19

Chlorine Running Annual Average (RAA): (Average of 12 Monthly Averages)	0.21
Chlorine MRDL (ppm):	4.0
Was Chlorine MRDL exceeded? If Yes, then MRDL violation for period.	NO

¹ Note that you are required to notify MassDEP within 10 days of the end of the quarter of any DBPR MCL or MRDL violation. Tier 2 (30 day) Public Notification must also be conducted for all MCL and MRDL violations.

B. TTHM COMPLIANCE

Sample Location	Q1 (Jan - Mar)		Q2 (Apr - Jun)		Q3 (Jul - Sep)		Q4 (Oct - Dec)		OEL ²	LRAA
	Date	ppb	Date	ppb	Date	ppb	Date	ppb	Q4	
Denslow Pump Station	3/11/2025	59.3	6/10/2025	79.4	9/9/2025	84.2	12/9/2025	77.4	80	75
Meadowbrook School	3/11/2025	51.9	6/10/2025	79.4	9/9/2025	74.4	12/9/2025	71.1	74	69
Harkness Pump Station	3/11/2025	49.5	6/10/2025	76.2	9/9/2025	76.4	12/9/2025	75	76	69
50 Ainslie Drive	3/11/2025	58.3	6/10/2025	80.5	9/9/2025	84.1	12/9/2025	69.8	76	73
MCL = 80 (ppb)		Was OEL exceeded?²		NO		Was MCL exceeded?¹		NO		

C. HAA5 COMPLIANCE

Sample Location	Q1 (Jan - Mar)		Q2 (Apr - Jun)		Q3 (Jul - Sep)		Q4 (Oct - Dec)		OEL ²	LRAA
	Date	ppb	Date	ppb	Date	ppb	Date	ppb	Q4	
Denslow Pump Station	3/11/2025	38.9	6/10/2025	36.1	9/9/2025	44.5	12/9/2025	30	35	37
Meadowbrook School	3/11/2025	15.6	6/10/2025	12.2	9/11/2025	7.4	12/9/2025	6.1	8	10
Harkness Pump Station	3/11/2025	55.9	6/10/2025	64.2	9/9/2025	84.9	12/9/2025	66.7	71	68
50 Ainslie Drive	3/11/2025	40.2	6/10/2025	23.7	9/9/2025	9.6	12/9/2025	5.6	11	20
MCL = 60 (ppb)		Was OEL exceeded?²		YES		Was MCL exceeded?¹		YES		

D. IMPORTANT COMPLIANCE NOTES

- a** PWS has exceeded the OEL for TTHM and/OR HAA5 but is authorized to limit the scope of the OEL evaluation to reporting only. (Refer to letter regarding seasonal OEL exceedances)
- b** PWS has exceeded the OEL for TTHM and/OR HAA5 and must **complete and submit an Operational Evaluation Report** within 90 days of receipt of the analytical results (systems sampling quarterly only).
- c** PWS continues to qualify for reduced monitoring based on LRAAs of TTHM and HAA5 (and TOC if applicable)
- d** PWS **NO LONGER QUALIFIES** for reduced monitoring based on average concentrations of TTHM, HAA5 and/or TOC. (Refer to quarterly monitoring criteria on "Instructions" Tab)
- e** PWS has exceeded the MCL for TTHM or HAA5 during ANNUAL monitoring and therefore will be subject to **INCREASED monitoring** (quarterly dual sample sets at each location) until further notice.

² OELs apply to systems sampling quarterly only.