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

PWSID	PWS Name:	City/Town:
1085000	East Longmeadow DPW Water Division	East Longmeadow

(●) COM ( ) NTNC

Monitoring Frequency: (●) Quarterly ( ) Annual or less

Monitoring Type: (●) Routine ( ) Reduced

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: 2022 QUARTER: ( ) Q1: Jan-Mar (●) Q2: Apr-Jun ( ) Q3: Jul-Sep ( ) 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)	Quarterly Avg (ppm)
Q1	January	2022	18	0.23	0.24
	February	2022	18	0.23	
	March	2022	18	0.25	
Q2	April	2022	18	0.23	0.24
	May	2022	18	0.26	
	June	2022	18	0.24	
Q3	July	2021	18	0.15	0.18
	August	2021	18	0.22	
	September	2021	21	0.17	
Q4	October	2021	18	0.20	0.20
	November	2021	18	0.19	
	December	2021	18	0.21	

Min # of Cl_2 distribution sample required per Month: (Same location and frequency as TCR)	18
Minimum # of distribution sample tested in any month:	18
Collected < Minimum # of distribution sample? If Yes, then Failure to Monitor Violation for period.	NO
Running Annual Average (RAA) (Average of 4 Quarterly Averages):	0.22
Chlorine MRDL (ppm):	4.0
Was Chlorine MRDL exceeded? If Yes, then MRDL violation for period.	NO

B. TTHM COMPLIANCE

Sample Location	Q1 (Jan - Mar)		Q2 (Apr - Jun)		Q3 (Jul - Sep)		Q4 (Oct - Dec)		OEL [1] Q2	LRAA
	Date	ppb	Date	ppb	Date	ppb	Date	ppb		
Dewlau Pump Station	3/8/2022	102.8	6/8/2022	89.8	9/8/2021	98.8	12/8/2021	96.1	94.6	96.9
Meadowbrook School	3/8/2022	100.5	6/8/2022	83.1	9/8/2021	98.9	12/8/2021	93.9	90.2	94.1
Harkness Pump Station	3/8/2022	89.6	6/8/2022	80.7	9/8/2021	83.3	12/8/2021	84.5	83.9	84.5
50 Ainslie Drive	3/8/2022	105.8	6/8/2022	88.2	9/8/2021	104.2	12/8/2021	84.6	91.7	95.7
	MCL = 80 (ppb)		Was OEL exceeded? [1]			YES	Was MCL exceeded?:			YES

C. HAA5 COMPLIANCE

Sample Location	Q1 (Jan - Mar)		Q2 (Apr - Jun)		Q3 (Jul - Sep)		Q4 (Oct - Dec)		OEL [1] Q2	LRAA
	Date	ppb	Date	ppb	Date	ppb	Date	ppb		
Dewlau Pump Station	3/8/2022	88.0	6/8/2022	57.9	9/8/2021	61.2	12/8/2021	46.6	62.6	63.4
Meadowbrook School	3/8/2022	57.4	6/8/2022	36.0	9/8/2021	19.6	12/8/2021	30.8	40.1	36.0
Harkness Pump Station	3/8/2022	119.7	6/8/2022	90.9	9/8/2021	103.8	12/8/2021	80.5	95.5	98.7
50 Ainslie Drive	3/8/2022	47.2	6/8/2022	37.1	9/8/2021	4.8	12/8/2021	16.8	34.6	26.5
	MCL = 60 (ppb)		Was OEL exceeded? [1]			YES	Was MCL exceeded?:			YES

D. IMPORTANT COMPLIANCE NOTES

[1] OELs apply to systems sampling quarterly only.

- [ ] 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)
- [x] 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).
- [ ] PWS continues to qualify for reduced monitoring based on LRAAs of TTHM and HAA5 (and TOC if applicable)
- [ ] PWS **NO LONGER QUALIFIES** for reduced monitoring based on average concentrations of TTHM, HAA5 and/or TOC. *(Refer to quarterly monitoring criteria in "Instructions" Tab)*