



Town of Holbrook

Office of Joint Superintendent

(781) 767-1800

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**RANDOLPH-HOLBROOK
JOINT WATER BOARD**

50 North Franklin Street

Holbrook, MA 02343



Town of Randolph

August 13, 2020

Commonwealth of Massachusetts
Department of Environmental Protection
Southeast Regional Office
20 Riverside Drive
Lakeville, MA 02374

Monthly Reports Filtered System Forms
Forms F, G, I, J, TT
Analysis for TOC, DOC and SUVA
Chemical Addition Reports
DBPR Compliance Report
July, 2020 Randolph/Holbrook
Joint Water System, PWS #424001

Gentlemen:

Enclosed please find all reports as referenced above for the month of July, 2020. Should there be any questions, please do not hesitate to call.

Sincerely,

A handwritten signature in cursive script that reads "William Cookerly".

William Cookerly
Chief Plant Operator

Enclosures

Cc: Board of Health Holbrook
Board of Health Randolph
Brian Howard, Town Manager, Randolph
Ryan Allgrove, EPG



Compliance Determination for Filtered Systems - Monthly Report

I. PWS INFORMATION:

PWSID#: 4244001 PWS Name: RANDOLPH-HOLBROOK JOINT WATER PWS Town: RANDOLPH
Treatment Plant Name: RANDOLPH WATER PLANT Reporting Period -> Month: JULY Year: 2020

II. TURBIDITY PERFORMANCE CRITERIA:

1. Monthly Turbidity (95%) NTU Limit - The turbidity level of a system's filtered water must be less than or equal to the Monthly Turbidity NTU Limit in at least 95% of the measurements taken each month for the filtration technology used, otherwise SWTR TT Violation (Tier 2).
186 = A Total # of filtered water turbidity measurements for month (SWTR - Form F)
186 = B Total # of filtered water turbidity measurements less than or equal to the specified limits for the filtration technology used.
100 = (B/A) x 100 The percentage of turbidity measurements meeting the Monthly Turbidity 95% NTU Limit.
2. Max Day NTU Limit - The turbidity level of a system's filtered water must at no time exceed the Max Day NTU Limit for the filtration technology used, otherwise SWTR TT Violation (Tier 2).
Record the date and turbidity value for any measurements exceeding the Max Day NTU. Check box [X] if "None"

III. DISINFECTION PERFORMANCE CRITERIA:

1. Point-of-Entry Minimum Disinfectant Residual Criteria - Residual Disinfectant concentration cannot be < 0.2 mg/L for more than 4 hours.
SWTR TT Violation (Tier 2).
Minimum Disinfectant Residual at Point-of-Entry to Distribution System.
Table with columns: Day, Cl2 mg/l, Day, Cl2 mg/l.
Residual Measured: [X] Free Cl2, [] Total Cl2, [] Combined Cl2.
If at any time the residual falls below 0.2 mg/l in the water entering the distribution system, the supplier of water must notify the Department as soon as possible, but no later than by the end of the next business day. The supplier of water also must notify the Department by the end of the next business day whether or not the residual was restored to at least 0.2 mg/l within four hours.

2. Distribution System Disinfectant Residual Criteria - Residual Disinfectant concentration (V) cannot be undetectable in greater than 5% of samples in a month, for any two consecutive months. SWTR TT Violation (Tier 2). Chlorine residuals must be measured at the same time and location as total coliform distribution routine & repeat samples. If no residual is detected, an HPC sample must be collected and analyzed.
Total # of HPC samples taken during month: 62 # HPC sites > 500/mL: 0 # HPC sites <= 500/mL: 62
of sites where Cl2 residual measurements were made, whether a residual was detected or not (should be the same # of sites reported on your monthly DBPR Cl2 residual report): 66
of sites HPC samples were analyzed instead of Cl2 residual measurements: 0
of sites where no Cl2 residual was detected and no HPC sample was analyzed: 0
of sites where no Cl2 residual was detected and HPC > 500 CFU/mL: 0
of sites where no Cl2 residual measurement was made and HPC > 500 CFU/mL: 0
Water in the distribution system with a heterotrophic bacteria concentration (HPC) less than or equal to 500/mL, is deemed to have a detectable disinfectant residual for purposes of determining compliance with this requirement. When analyzed, report HPC results on your monthly DEP Bacteriological Report.
V = (c+d+e)/(a+b) x 100 This Month % V = 0 Previous Month % V = 0 Is V > 5% for 2 months? [X] Yes or [] No

I certify under penalties of law that I am the person authorized to fill out this form and the information contained herein is true,

DATE: 8-13-2020 PWS Authorized Signature: William Cookley Chief Plant Operator



CT Determination for Filtered Systems

I. PWS INFORMATION:

PWSID#: 4244001 PWS Name: Randolph-Hillbrook Joint Water PWS Town: Randolph
 Treatment Plant Name: Randolph Water Plant Reporting Period → Month: JULY Year: 2020
 Disinfectant¹: Chlorine Gas/Ester Eff. Sequence of Application: 1st 2nd 3rd 4th 5 6th

II. DAILY REPORTING: All measurements taken during peak hourly flow

Day	Peak Hourly Flow ² (gpm)	Disinfectant Concentration ³ C (mg/L)	Disinfectant Contact Time ⁴ T (min.)	CT calc (= C x T)	pH ⁵	Water Temp ⁶ (°C)	CT ⁷ 99.9	Inactivation Ratio ⁸ (CT calc / CT 99.9)	Inactivation Ratio ⁹ < 1.0
1	2,400	1.88	50	94	6.05	21.9	11	8.6	<input type="checkbox"/> Yes
2	2,400	1.76	50	88	6.15	19.5	11	8.0	<input type="checkbox"/> Yes
3	2,400	1.80	50	90	6.05	20.0	11	8.2	<input type="checkbox"/> Yes
4	2,400	1.96	50	98	5.90	19.2	11	8.9	<input type="checkbox"/> Yes
5	2,400	2.10	50	105	6.05	19.0	11	9.6	<input type="checkbox"/> Yes
6	2,400	1.87	50	93.5	6.10	18.6	11	8.5	<input type="checkbox"/> Yes
7	2,400	1.72	50	86	6.10	19.1	11	7.8	<input type="checkbox"/> Yes
8	2,400	1.79	50	89.5	6.10	20.2	11	8.1	<input type="checkbox"/> Yes
9	2,400	1.62	50	81	6.05	21.6	11	7.4	<input type="checkbox"/> Yes
10	2,400	1.89	50	94.5	6.05	22.0	11	8.6	<input type="checkbox"/> Yes
11	2,400	1.93	50	96.5	6.00	22.3	11	8.8	<input type="checkbox"/> Yes
12	2,400	1.96	50	98	5.90	23.3	11	8.9	<input type="checkbox"/> Yes
13	2,400	1.70	50	85	6.05	22.9	11	7.7	<input type="checkbox"/> Yes
14	2,400	1.60	50	80	6.10	22.3	11	7.3	<input type="checkbox"/> Yes
15	2,400	1.52	50	76	6.00	19.8	11	6.9	<input type="checkbox"/> Yes
16	2,400	1.72	50	86	6.05	23.0	11	7.8	<input type="checkbox"/> Yes
17	2,400	1.74	50	87	6.05	23.3	11	7.9	<input type="checkbox"/> Yes
18	2,400	1.38	50	69	5.90	23.9	11	6.3	<input type="checkbox"/> Yes
19	2,400	1.76	50	88	6.00	19.8	11	8.0	<input type="checkbox"/> Yes
20	2,400	1.78	50	89	6.05	23.3	11	8.1	<input type="checkbox"/> Yes
21	2,400	1.76	50	88	5.90	23.9	11	8.0	<input type="checkbox"/> Yes
22	2,400	1.70	50	85	6.00	24.2	11	7.7	<input type="checkbox"/> Yes
23	2,400	1.72	50	86	6.10	23.2	11	7.8	<input type="checkbox"/> Yes
24	2,400	1.59	50	79.5	6.05	23.9	11	7.2	<input type="checkbox"/> Yes
25	2,400	1.33	50	66.5	5.90	24.7	11	6.1	<input type="checkbox"/> Yes
26	2,400	1.86	50	93	6.00	24.9	11	8.5	<input type="checkbox"/> Yes
27	2,400	1.86	50	93	5.95	25.0	11	8.5	<input type="checkbox"/> Yes
28	2,400	1.76	50	88	6.10	25.0	11	8.0	<input type="checkbox"/> Yes
29	2,400	1.91	50	95.5	6.05	25.8	11	8.7	<input type="checkbox"/> Yes
30	2,400	1.82	50	91	6.10	25.9	11	8.3	<input type="checkbox"/> Yes
31	2,400	1.73	50	86.5	6.05	25.9	11	7.9	<input type="checkbox"/> Yes

1. Use a separate form for each disinfectant/sampling point. Enter disinfectant and sequence position, e.g. "ozone/1st" or "ClO₂/3rd". If more than one disinfectant sampling point, you must also complete SWTR Form H and calculate the cumulative inactivation ratio SUM (CTcalc/CT99.9) to determine compliance.
2. Peak hourly flow means the highest pumpage *hour* during the day, not the absolute peak flow at any instant.
3. The residual disinfectant concentration(s) ("C") of the water before or at the first customer must be measured each day during peak hourly flow.
4. The disinfectant contact time(s) ("T") must be determined for each day during peak hourly flow. The time T used in calculating CT, is the time it takes the water, during peak hourly flow, to move between the point of disinfection application and the point at which the residual is measured.
5. If the system uses free chlorine, the pH of the disinfected water must be measured at least once per day at each chlorine residual disinfectant concentration sampling point during peak hourly flow.
6. The temperature of the disinfected water must be measured at least once per day at each residual disinfectant concentration sampling point during peak hourly flow.
7. Use Inactivation Tables at 310 CMR 22.20A Tables 1.1 – 1.6, 2.1 and/or 3.1
8. The inactivation ratio (CTcalc/CT99.9) is determined before or at the first customer during peak hourly flow and if the (CTcalc/CT99.9) is < 1.0, the 99.9% *Giardia lamblia* inactivation requirement has not been achieved.
9. More than one "Yes" response above may indicate a SWTR Treatment Technique violation (Tier 2).

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: 8-3-2020

Title:

William Cookerly
Chief Plant Operator



Massachusetts Department of Environmental Protection – Drinking Water Program
CHEMICAL ADDITION REPORT – 310 CMR 11.15(4) Chemical Addition Reporting Requirements

C-ADD

I. PWS Information - Refer to MassDEP "Chemical Addition Report Guidance and Instructions" for details.

PWS Name ¹ :	RANDOLPH-HOLBROOK JW	Town ¹ :	RANDOLPH-HOLBROOK	PWSID ¹ :	424001
Treatment Plant Name ² :	RANDOLPH WATER PLANT	Treatment Plant ID# ² :	4244001-01T	Reporting Period ³ :	JULY, 2020 Month Year

II. Chemical & Operational Information

Chemical Name ⁴ :	POLYALUMINUM CHLORIDE	Purchased Strength ⁸ :	1.0	Target Range/min ¹² :	> 14
Manufacturer ⁵ :	HOLLAND COMPANY	Purchased Density (lbs/gal) ⁹ :	10.3	Target Dose ¹³ :	14-18
Product Name ⁶ :	PCH-180	Dilution Factor or Mix Ratio ¹⁰ :	NA	Alarm Setting (low) ¹⁴ :	NA
Reason for Adding Chemical ⁷ :	COAGULATION	NSF Approved (Y/N) ¹¹ :	Y	Alarm Setting (high) ¹⁴ :	NA
		Date of last anti-siphon valve inspection/replacement ¹⁵ :			
		NA			

III. Daily Reporting Note: Water quality data reported on C-ADD form may be considered for compliance purposes.

Day	Treated Water ¹⁶ <input type="checkbox"/> Gallons <input checked="" type="checkbox"/> MG	Measured Chemical Used		Calculated Chemical Used (lbs) ¹⁸	Chemical Dosage ¹⁹ (mg/L)	Parameters Measured*, Results, Units and Method ²⁰ - (G)rab or Continuous (A)nalyzer ²¹			O&M Notes/Comments ²² PWS note any equipment breakdown, off-line status, changes in purchased product or batch mixing day, measured parameters or dosages that are out of target range, etc.
		Volume ¹⁷ (gal/day)	Weight ¹⁷ (lbs/day)			a. RAW PH			
						DAILY AVE			
1	2.9	122		1,257	17	7.10			
2	3.1	148		1,524	20	7.20			
3	3.0	148		1,524	20	7.20			
4	3.2	153		1,576	20	7.05			
5	3.0	127		1,308	17	7.10			
6	3.2	140		1,442	18	7.10			
7	3.0	120		1,236	16	7.05			
8	3.3	152		1,566	17	7.10			
9	3.0	141		1,452	19	7.10			
10	3.1	130		1,339	17	7.05			
11	3.1	139		1,432	18	7.05			
12	3.1	131		1,349	17	7.00			
13	3.2	125		1,288	16	7.05			
14	3.2	165		1,700	21	7.05			
15	3.1	146		1,503	19	7.10			
16	3.1	133		1,370	18	7.05			
17	3.1	121		1,246	16	7.10			
18	3.2	134		1,380	17	7.00			
19	3.2	128		1,318	16	7.15			
20	3.1	135		1,391	18	7.05			
21	3.1	130		1,339	17	7.10			
22	3.3	153		1,576	19	7.00			
23	3.0	129		1,329	18	7.10			
24	3.3	160		1,648	20	7.15			
25	3.5	168		1,730	20	7.10			
26	3.4	151		1,555	18	7.05			
27	3.4	131		1,349	16	7.15			
28	3.4	139		1,432	17	7.10			
29	3.3	142		1,463	18	7.10			
30	3.3	132		1,360	16	7.05			
31	3.0	136		1,401	19	7.15			

Total Indicate total # of days the residual was off-target for the month (from Section II) Monthly Target Summary²³:

*Describe result (daily average, min/max, instantaneous reading, grab, etc), sample location (entry-point, before/after filters, tanks, etc.) and instrumentation used (SCADA, chart recorder, test kit, bench, etc.)²⁰:

a. Raw Ph, Daily Average, Test Kit

b. *William Cookerly* 8-3-2020

c. *William Cookerly* Chief Plant Operator

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 Person's Signature & Date²⁴:

Print Name: *William Cookerly* Title: *Chief Plant Operator*



I. PWS Information – Refer to MassDEP “Chemical Addition Report Guidance and Instructions” for details.

PWS Name ¹ :	RANDOLPH-HOLBROOK JOINT WATER	Town ¹ :	RANDOLPH-HOLBROOK	PWSID ¹ :	424001
Treatment Plant Name ² :	RANDOLPH WATER PLANT	Treatment Plant ID# ² :	4244001-01T	Reporting Period ³ :	JULY 2020 Month Year

II. Chemical & Operational Information

Chemical Name ⁴ :	CHLORINE	Purchased Strength ⁶ :	1.0	Target Range/min ¹² :	0.20
Manufacturer ⁵ :	AXIAL, LLC	Purchased Density (lbs/gal) ⁹ :	12.3	Target Dose ¹³ :	NA
Product Name ⁶ :	CHLORINE	Dilution Factor or Mix Ratio ¹⁰ :	NA	Alarm Setting (low) ¹⁴ :	1.0
Reason for Adding Chemical ⁷ :	DISINFECTANT	NSF Approved (Y/N) ¹¹ :	Y	Alarm Setting (high) ¹⁴ :	3.0
		Date of last anti-siphon valve inspection/replacement ¹⁵ :	NA		

III. Daily Reporting Note: Water quality data reported on C-ADD form may be considered for compliance purposes.

Day	Treated Water ¹⁶ <input type="checkbox"/> Gallons <input checked="" type="checkbox"/> MG	Measured Chemical Used		Calculated Chemical Used (lbs) ¹⁸	Chemical Dosage ¹⁹ (mg/L)	Parameters Measured*, Results, Units and Method ²⁰ - (G)rab or Continuous (A)nalyzer ²¹			O&M Notes/Comments ²² PWS note any equipment breakdown, off-line status, changes in purchased product or batch mixing day, measured parameters or dosages that are out of target range, etc.
		Volume ¹⁷ (gal/day)	Weight ¹⁷ (lbs/day)			a. FREE CL ₂ FINISHED		c.	
						<input type="checkbox"/> G <input type="checkbox"/> A	<input type="checkbox"/> G <input type="checkbox"/> A		
1	2.9		76		3.1	2.21	1.88		
2	3.1		82		3.2	2.06	1.76		
3	3.0		82		3.3	2.11	1.80		
4	3.2		92		3.5	2.22	1.96		
5	3.0		85		3.4	2.25	2.10		
6	3.2		83		3.1	1.87	1.87		
7	3.0		79		3.2	1.89	1.72		
8	3.3		84		3.1	1.92	1.79		
9	3.0		74		3.0	2.05	1.62		
10	3.1		77		3.0	2.04	1.89		
11	3.1		87		3.4	2.01	1.93		
12	3.1		84		3.3	2.10	1.96		
13	3.2		91		3.4	1.94	1.70		
14	3.2		78		2.9	1.73	1.60		
15	3.1		86		3.3	1.86	1.52		
16	3.1		83		3.2	1.95	1.72		
17	3.1		84		3.2	1.94	1.74		
18	3.2		90		3.4	1.81	1.38		
19	3.2		90		3.4	1.90	1.76		
20	3.1		90		3.5	1.92	1.78		
21	3.1		87		3.4	1.91	1.76		
22	3.3		92		3.3	1.92	1.70		
23	3.0		84		3.4	2.06	1.72		
24	3.3		86		3.1	1.87	1.59		
25	3.5		82		2.8	1.82	1.33		
26	3.4		93		3.2	2.08	1.86		
27	3.4		104		3.7	1.98	1.86		
28	3.4		103		3.6	1.97	1.76		
29	3.3		88		3.2	2.07	1.91		
30	3.3		94		3.4	1.98	1.82		
31	3.0		96		3.8	2.04	1.73		

Total Indicate total # of days the residual was off-target for the month (from Section II) Monthly Target Summary²³:

*Describe result (daily average, min/max, instantaneous reading, grab, etc), sample location (entry-point, before/after filters, tanks, etc.) and instrumentation used (SCADA, chart recorder, test kit, bench, etc.)²⁰:

a. Daily Average Free Chlorine Finished Water, Grab Sample, Test Kit
 b. Daily Minimum Free Chlorine Finished Water, Grab Sample, Test Kit
 c.

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 Person - Signature & Date²⁴:
 William Cookery 8-3-2020
 Print Name: William Cookery Title: Chief Plant Operator



Massachusetts Department of Environmental Protection – Drinking Water Program
CHEMICAL ADDITION REPORT – 310 CMR 11.15(4) Chemical Addition Reporting Requirements

C-ADD

I. PWS Information - Refer to MassDEP "Chemical Addition Report Guidance and Instructions" for details.

PWS Name ¹ :	RANDOLPH-HOLBROOK JW	Town ¹ :	RANDOLPH-HOLBROOK	PWSID ¹ :	424001
Treatment Plant Name ² :	RANDOLPH WATER PLANT	Treatment Plant ID# ² :	4244001-01T	Reporting Period ³ :	JULY 2020 Month Year

II. Chemical & Operational Information

Chemical Name ⁴ :	CALCIUM HYDROXIDE	Purchased Strength ⁹ :	0.85	Target Range/mln ¹² :	NA
Manufacturer ⁵ :	CARMEUSE LIME & STONE	Purchased Density (lbs/gal) ⁹ :	18.7	Target Dose ¹³ :	NA
Product Name ⁶ :	HYDRATED LIME	Dilution Factor or Mix Ratio ¹⁰ :	NA	Alarm Setting (low) ¹⁴ :	NA
Reason for Adding Chemical ⁷ :	PH ADJUSTMENT	NSF Approved (Y/N) ¹¹ :	Y	Alarm Setting (high) ¹⁴ :	NA
		Date of last anti-siphon valve inspection/replacement ¹⁵ :	NA		

III. Daily Reporting Note: Water quality data reported on C-ADD form may be considered for compliance purposes.

Day	Treated Water ¹⁶ <input type="checkbox"/> Gallons <input checked="" type="checkbox"/> MG	Measured Chemical Used		Calculated Chemical Used (lbs) ¹⁸	Chemical Dosage ¹⁹ (mg/L)	Parameters Measured*, Results, Units and Method ²⁰ - (G)rab or Continuous (A)nalyzer ²¹			O&M Notes/Comments ²² <small>PWS note any equipment breakdown, off-line status, changes in purchased product or batch mixing day, measured parameters or dosages that are out of target range, etc.</small>
		Volume ¹⁷ (gal/day)	Weight ¹⁷ (lbs/day)			a. FINISHED PH			
						<input checked="" type="checkbox"/> G <input type="checkbox"/> A	<input type="checkbox"/> G <input type="checkbox"/> A	<input type="checkbox"/> G <input type="checkbox"/> A	
1	2.2		100		5.5	7.10			
2	2.2		100		5.5	7.15			
3	2.3		100		5.2	7.10			
4	2.6		100		4.6	7.15			
5	2.4		100		5.0	7.20			
6	2.3		100		5.2	7.10			
7	2.2		100		5.5	7.10			
8	2.4		100		5.0	7.10			
9	2.4		100		5.0	7.15			
10	2.4		100		5.0	7.10			
11	2.6		100		4.6	7.05			
12	2.4		100		5.0	7.10			
13	2.6		100		4.6	7.10			
14	2.2		100		5.5	7.00			
15	2.4		100		5.0	7.05			
16	2.2		100		5.5	7.15			
17	2.2		100		5.5	7.10			
18	2.4		100		5.0	7.05			
19	2.4		100		5.0	7.10			
20	2.6		100		4.6	7.05			
21	2.4		100		5.0	7.10			
22	2.5		100		4.8	7.10			
23	2.3		100		5.2	7.05			
24	2.2		100		5.5	7.05			
25	2.3		100		5.2	7.10			
26	2.5		100		4.8	7.15			
27	2.8		100		4.3	7.15			
28	2.9		100		4.1	7.10			
29	2.8		100		4.3	7.10			
30	2.7		100		4.4	7.15			
31	2.7		100		4.4	7.10			

Total Indicate total # of days the residual was off-target for the month (from Section II) Monthly Target Summary²³:

*Describe result (daily average, min/max, instantaneous reading, grab, etc), sample location (entry-point, before/after filters, tanks, etc.) and instrumentation used (SCADA, chart recorder, test kit, bench, etc.)²⁵:

a. *Finished Water Ph, Daily Average, Test Kit*

b. *William Coakley 8-3-2020*

c. *William Coakley Chief Plant Operator*

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 Person - Signature & Date²⁴:



Massachusetts Department of Environmental Protection – Drinking Water Program
CHEMICAL ADDITION REPORT – 310 CMR 11.15(4) Chemical Addition Reporting Requirements

C-ADD

I. PWS Information - Refer to MassDEP "Chemical Addition Report Guidance and Instructions" for details.

PWS Name ¹ : <i>RANDOLPH-HOLBROOK JW</i>	Town ¹ : <i>RANDOLPH-HOLBROOK</i>	PWSID ¹ : <i>424001</i>
Treatment Plant Name ² : <i>RANDOLPH WATER PLANT</i>	Treatment Plant ID# ² : <i>4244001-01T</i>	Reporting Period ³ : <i>JULY 2020</i>
		Month: <i>JULY</i> Year: <i>2020</i>

II. Chemical & Operational Information

Chemical Name ⁴ : <i>SODIUM BISULFATE</i>	Purchased Strength ⁸ : <i>.10-.15</i>	Target Range/min ¹² : <i>NA</i>
Manufacturer ⁵ : <i>CARUS CORPORATION</i>	Purchased Density (lbs/gal) ⁹ : <i>12.03</i>	Target Dose ¹³ : <i>NA</i>
Product Name ⁶ : <i>CARUS 3350</i>	Dilution Factor or Mix Ratio ¹⁰ : <i>0.33</i>	Alarm Setting (low) ¹⁴ : <i>NA</i>
Reason for Adding Chemical ⁷ : <i>CORROSION INHIBITOR</i>	NSF Approved (Y/N) ¹¹ : <i>Y</i>	Alarm Setting (high) ¹⁴ : <i>NA</i>
	Date of last anti-siphon valve inspection/replacement ¹⁵ : <i>NA</i>	

III. Daily Reporting Note: Water quality data reported on C-ADD form may be considered for compliance purposes.

Day	Treated Water ¹⁶ <input type="checkbox"/> Gallons <input checked="" type="checkbox"/> MG	Measured Chemical Used		Calculated Chemical Used (lbs) ¹⁸	Chemical Dosage ¹⁹ (mg/L)	Parameters Measured ⁴ , Results, Units and Method ²⁰ - (G) Grab or Continuous (A) Analyzer ²¹			O&M Notes/Comments ²² <small>PWS note any equipment breakdown, off-line status, changes in purchased product or batch mixing day, measured parameters or dosages that are out of target range, etc.</small>	
		Volume ¹⁷ (gal/day)	Weight ¹⁷ (lbs/day)			a. <i>FINISHED PH</i>	b.	c.		
1	2.2		50		2.7	7.10	<input checked="" type="checkbox"/> G <input type="checkbox"/> A	<input type="checkbox"/> G <input type="checkbox"/> A	<input type="checkbox"/> G <input type="checkbox"/> A	
2	2.2		50		2.7	7.15				
3	2.3		50		2.6	7.10				
4	2.6		50		2.3	7.15				
5	2.4		50		2.5	7.20				
6	2.3		50		2.6	7.10				
7	2.2		50		2.7	7.10				
8	2.4		50		2.5	7.10				
9	2.4		50		2.5	7.15				
10	2.4		50		2.5	7.10				
11	2.6		50		2.3	7.05				
12	2.4		50		2.5	7.10				
13	2.6		50		2.3	7.10				
14	2.2		50		2.7	7.00				
15	2.4		50		2.5	7.05				
16	2.2		50		2.7	7.15				
17	2.2		50		2.7	7.10				
18	2.4		50		2.5	7.05				
19	2.4		50		2.5	7.10				
20	2.6		50		2.3	7.05				
21	2.4		50		2.5	7.10				
22	2.5		50		2.4	7.10				
23	2.3		50		2.6	7.05				
24	2.2		50		2.7	7.05				
25	2.3		50		2.6	7.10				
26	2.5		50		2.4	7.15				
27	2.8		50		2.1	7.15				
28	2.9		50		2.1	7.10				
29	2.8		50		2.1	7.10				
30	2.7		50		2.2	7.15				
31	2.7		50		2.2	7.10				
Total										Indicate total # of days the residual was off-target for the month (from Section II) Monthly Target Summary ²³ :

*Describe result (daily average, min/max, instantaneous reading, grab, etc), sample location (entry-point, before/after filters, tanks, etc.) and instrumentation used (SCADA, chart recorder, test kit, bench, etc.)²⁰:

a. *Finished Water PH, Daily Average Test Kit*

b. *William Cookerly 8-3-2020*

c. *William COOKERLY Chief Plant Operator*

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 Person - Signature & Date²⁴:



DBPR TT Compliance Report

I. PWS INFORMATION

PWS ID #: 4244001

City / Town: RANDOLPH

PWS Name: RANDOLPH-HOLBROOK JOINT WATER

PWS Class: COM NTNC TNC

DEP LOCATION (LOC) ID#	DEP Location Name	Date Collected	Collected By
015/10300	Raw Water/Combined Filter Effluent	7-6-2020	Bill Cookerby
SAMPLE NOTES			

II. COMPLIANCE CALCULATIONS

Month	# of Paired Samples	A: % Removal of TOC ¹	B: Required % Removal of TOC ²	Met Alternative Compliance Criteria	Alternative Criteria Result(s) ³ (See Below)	A ÷ B ⁴
8-19	1	56	35	<input type="checkbox"/> YES <input type="checkbox"/> NO		1.60
9-19	1	39	35	<input type="checkbox"/> YES <input type="checkbox"/> NO		1.11
10-19	1	42	35	<input type="checkbox"/> YES <input type="checkbox"/> NO		1.20
11-19	1	44	35	<input type="checkbox"/> YES <input type="checkbox"/> NO		1.26
12-19	1	51	35	<input type="checkbox"/> YES <input type="checkbox"/> NO		1.46
1-20	1	40	35	<input type="checkbox"/> YES <input type="checkbox"/> NO		1.14
2-20	1	45	35	<input type="checkbox"/> YES <input type="checkbox"/> NO		1.29
3-20	1	44	35	<input type="checkbox"/> YES <input type="checkbox"/> NO		1.26
4-20	1	45	35	<input type="checkbox"/> YES <input type="checkbox"/> NO		1.29
5-20	1	39	35	<input type="checkbox"/> YES <input type="checkbox"/> NO		1.11
6-20	1	37	35	<input type="checkbox"/> YES <input type="checkbox"/> NO		1.06
7-20	1	40	35	<input type="checkbox"/> YES <input type="checkbox"/> NO		1.14
				<input type="checkbox"/> YES <input type="checkbox"/> NO		
Sum of Past 12 Months:						14.92
Compliance Value (Sum of Past 12 Months/ 12):						1.24

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: William CookerbyDate: 8-13-2020

Mail ONE copy of this report to your DEP Regional Office no later than 10 days after the end of the month in which you received this report or no later than 10 days after the end of the reporting period, whichever is sooner.

¹ Percent Removal: $(1 - (\text{Treated Water TOC} \div \text{Raw Water TOC})) \times 100$. If > 1 paired sample sets in any month report the average of all individual percent TOC removals (Example: % TOC Removal = $(\text{Average of Set 1} + \text{Average of Set 2}) \div 2$).

² From table at 310 CMR 22.07E(10)(b)2.

³ As listed at 310 CMR 22.07E(10)(a)2 and 310 CMR 22.07E(10)(a)3, summarized as follows:

Alternative Compliance Criteria	Code Value	Result(s) to Report (RAA = Running Annual Average)
Source Water TOC < 2.0 mg/L	SWTOC	RAA of source water TOC
Treated Water < 2.0 mg/L	TWTOC	RAA of treated water TOC
Source Water TOC < 4.0 mg/L AND Alkalinity > 60 mg/L (as CaCO ₃) AND TTHM/HAA5 ≤ 0.040/0.030 mg/L	COMBO	RAA of source water TOC, RAA of source water alkalinity, RAA of TTHM and HAA5
TTHM/HAA5 ≤ 0.040/0.030 mg/L AND only using chlorine	TTHM/HAA5	RAA of TTHM and HAA5
Source Water SUVA ≤ 2.0 L/mg-m	SWSUVA	RAA of source water SUVA
Treated Water SUVA ≤ 2.0 L/mg-m	TWSUVA	RAA of treated water SUVA
Softening that lowers alkalinity to < 60 mg/L (as CaCO ₃)	SOFT60	RAA of treated water alkalinity
Softening that removes ≥ 10 mg/L (as CaCO ₃) of hardness	SOFT10	RAA of hardness (as CaCO ₃) removal

Note: All supplemental measurements and calculations used to meet the alternative criteria must be attached to this report.

⁴ For any month where the system met an alternative compliance criteria a value of 1.0 may be inserted.

DEP REVIEW STATUS (Initial & Date)	Review Comments
<input type="checkbox"/> Accepted _____ <input type="checkbox"/> Disapproved _____	

Total Organic Carbon Report

PWS Information: Please refer to your DEP Water Sampling Schedule (WQSS) to help complete this form.

PWS ID #: 4244001
 PWS Name: Randolph-Holbrook Joint Water Board

City/Town: Holbrook
 PWS Class: COM NTNC NC

DEP location ID	DEP location name	Sample Information	Collected		Collected by	
			Date	Time		
A	01S	Raw Water <input type="checkbox"/> Multiple <input checked="" type="checkbox"/> Single	<input checked="" type="checkbox"/> Raw <input type="checkbox"/> Finished	07/06/2020	09:00	B. Cookerly
B	10300	Combined Filter Effluent <input type="checkbox"/> Multiple <input checked="" type="checkbox"/> Single	<input type="checkbox"/> Raw <input checked="" type="checkbox"/> Finished	07/06/2020	09:00	B. Cookerly
Routine or Special Sample		Original or Resubmitted or Confirmation Report		If resubmitted report, list below:		
				Reason for resubmission		Collection date of original sample
A	<input checked="" type="checkbox"/> RS <input type="checkbox"/> SS	<input checked="" type="checkbox"/> Original <input type="checkbox"/> Resubmitted		<input type="checkbox"/> Resample <input type="checkbox"/> Reanalysis <input type="checkbox"/> Report Corr.		
B	<input checked="" type="checkbox"/> RS <input type="checkbox"/> SS	<input checked="" type="checkbox"/> Original <input type="checkbox"/> Resubmitted		<input type="checkbox"/> Resample <input type="checkbox"/> Reanalysis <input type="checkbox"/> Report Corr.		
Lab sample notes:						
A						
B						

II. Analytical Laboratory Information:

Primary Lab MA Cert. # M-MA022 Primary Lab name: Analytical Balance Corp. Subcontracted? Y N

TOC analyzed by (check one): <input type="checkbox"/> PWS <input checked="" type="checkbox"/> Lab		Samples acidified? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No				
TOC result (mg/L)	MDL (mg/L)	Lab Method	Date Analyzed	Analysis Lab MA Cert. #	Analysis Lab Name	Lab Sample ID #
A	4.53	SM 5310B	07/07/2020	M-RI002	ESS	48723-01
B	2.72	SM 5310B	07/07/2020	M-RI002	ESS	48723-02

Surface water or GWUDI systems ≥ 500 persons

Monthly source (raw) water TOC sampling is required at each surface/GWUDI source to qualify for and remain on reduced THM/T1A.A5 monitoring.

Each source must maintain a running annual average source (raw) water TOC level of ≤ 4.0 mg/L (calculated quarterly).

TOC analysis does not require the use of a Massachusetts or EPA certified laboratory.

Surface or GWUDI sources using conventional filtration shall each month (unless monitoring is reduced); take one TOC sample at each treatment plant no later than the point of combined filter effluent turbidity monitoring representative of the treated (finished) water, one source (raw) sample prior to any treatment, and one alkalinity source (raw) water sample - at a time representative of normal operating conditions and influent water quality.

The time between collection of raw and treated (finished) water must not exceed the time it takes to move through the plant.

Alkalinity analyzed by (check one): <input type="checkbox"/> PWS <input checked="" type="checkbox"/> Lab							
Alkalinity result (mg/L as CaCO ₃)	MDL (mg/L)	Lab Method	Date Analyzed	Analysis Lab MA Cert. #	Analysis Lab Name	Lab Sample ID #	
A	25.0	SM 2320B	07/10/2020	M-MA022	Analytical Balance	48723-01	
B	—	—	—	—	—	—	

If using conventional filtration - raw water alkalinity must be measured at the same time as the raw water TOC sample is collected.

Alkalinity analysis does not require the use of a Massachusetts or EPA certified laboratory.

Lab sample notes:						
A						
B						

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.

Robert Bentley

Digitally signed by Robert Bentley
 CN=Robert Bentley
 O=Analytical Balance Corp.
 E=bob@h2otest.net

Primary Lab Director Signature/ Date: 07/20/2020

If not submitting these results electronically, mail TWO copies of this report to your DEP Regional Office no later than 10 days after the end of the month in which you received this report or no later than 10 days after the end of the reporting period, whichever is sooner.

DEP REVIEW STATUS (Initial & date)	Review comments	WQTS data entered
Accepted _____ Disapproved _____		<input type="checkbox"/> WQTS data entered



Keith Nastasia
 Randolph-Holbrook Joint Water Board
 50 N. Franklin Street
 Holbrook, MA 02343
 COLLECTED BY: B. Cookerly
 TIME: 9:00
 LOCATION: Raw Water
 01S

REPORTED: 07/17/2020
 ORDER #: G2048722
 SAMPLE DATE: 7/6/2020
 DATE RECEIVED: 7/6/2020
 SAMPLE ID: Grab
 DESCRIPTION: DRINKING WATER

CERTIFICATE OF ANALYSIS

RESULTS OF ANALYSIS

Parameter	Analytical Method	Date Analyzed	Units	Det. Limit*	MCL ¹ / Rec. Limit ²	Result
Test Parameters				LAB-ID#: <u>2048722-01</u>		
Carbon, Total Dissolved Organic	SM 5310B	07/07/2020	mg/L	0.500	---	4.24
SUVA	Calculation	07/16/2020	# per 100 mL	0	0	0.020
UV 254	SM 5910B	07/07/2020	Abs/cm	0.002	-----	0.085

Unless otherwise noted, all analyses were conducted by Analytical Balance Corp. (M-MA022). DOC and UV 254 were analyzed by subcontract lab M-RI002.



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

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(Page 2 of 2)

DAILY REPORTING

Day	Filter Number: 1		Filter Number: 2		Filter Number: 3		Filter Number: 4	
	Max Day NTU	Max after 4 Hours NTU	Max Day NTU	Max after 4 Hours NTU	Max Day NTU	Max after 4 Hours NTU	Max Day NTU	Max after 4 Hours NTU
1	.22	.08	.21	.07	.28	.09	.10	.06
2	.18	.05	.12	.05	.09	.04	.09	.06
3	.15	.06	.15	.07	.04	-	.08	.05
4	.05	-	.08	.06	.11	.04	.09	.06
5	.12	.05	.10	.06	.09	.05	.11	.06
6	.14	.06	.11	.06	.05	-	.07	-
7	.16	.06	.09	.06	.11	.05	.09	.07
8	.10	.06	.11	.06	.10	.06	.09	.06
9	.09	.06	.09	.06	.11	.06	.09	-
10	.10	.07	.11	.07	.05	-	.10	.06
11	.06	-	.07	-	.13	.07	.13	.06
12	.16	.07	.11	.07	.11	.05	.13	.07
13	.24	.07	.30	.08	.05	-	.08	-
14	.16	.06	.07	-	.11	.06	.15	.07
15	.06	-	.16	.07	.16	.05	.13	.06
16	.23	.06	.13	.06	.15	.05	.14	.07
17	.16	.06	.12	.07	.11	.06	.13	.07
18	.21	.06	.13	.08	.05	-	.07	-
19	.07	-	.08	-	.12	.05	.13	.05
20	.16	.06	.12	.07	.30	.05	.14	.07
21	.23	.07	.12	.08	.10	.06	.12	.06
22	.11	.06	.13	.07	.06	-	.09	-
23	.06	-	.07	-	.12	.05	.10	.07
24	.35	.07	.12	.07	.15	.05	.15	.06
25	.22	.05	.12	.06	.12	.05	.07	-
26	.06	-	.07	-	.16	.04	.09	.06
27	.16	.07	.26	.08	.20	.06	.19	.08
28	.16	.06	.22	.08	.09	.05	.13	.07
29	.11	.07	.12	.07	.13	.06	.14	.08
30	.11	.06	.12	.07	.05	-	.12	.07
31	.06	-	.07	-	.12	.05	.10	.06

- 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.
- 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.
- Enter the highest daily 15-minute interval turbidity measurement recorded for the filter specified.
- 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: William Cooper
 Date: 8-3-2020 Title: Chief Plant Operator



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

SWTR
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(Page 2 of 2)

III. DAILY REPORTING

Day	Filter Number: 5		Filter Number: 6		Filter Number: 7		Filter Number: 8	
	³ Max Day NTU	⁴ Max after 4 Hours NTU	³ Max Day NTU	⁴ Max after 4 Hours NTU	³ Max Day NTU	⁴ Max after 4 Hours NTU	³ Max Day NTU	⁴ Max after 4 Hours NTU
1	.10	.05	.05	-	.06	-	.09	.06
2	.08	-	.08	.05	.16	.06	.13	.08
3	.12	.04	.11	.06	.09	.06	.09	.05
4	.20	.06	.14	.06	.06	-	.06	-
5	.05	-	.05	-	.13	.06	.11	.05
6	.12	.06	.10	.06	.11	.07	.09	.06
7	.10	.08	.08	.06	.13	.07	.11	.07
8	.11	.06	.08	.04	.08	-	.08	-
9	.06	-	.05	-	.10	.06	.10	.06
10	.10	.06	.08	.05	.10	.07	.14	.06
11	.21	.06	.12	.05	.13	.08	.06	-
12	.13	.07	.05	-	.07	-	.10	.07
13	.06	-	.10	.05	.13	.07	.13	.07
14	.14	.06	.10	.05	.13	.08	.11	.07
15	.13	.06	.10	.04	.11	.07	.10	.06
16	.08	.06	.13	.05	.07	-	.06	-
17	.06	-	.04	-	.11	.06	.11	.06
18	.19	.06	.21	.04	.24	.07	.13	.06
19	.16	.06	.10	.05	.13	.07	.11	.07
20	.14	.06	.11	.07	.07	-	.07	-
21	.07	-	.05	-	.15	.07	.13	.07
22	.14	.06	.10	.04	.30	.06	.11	.06
23	.11	.07	.11	.05	.19	.08	.10	.07
24	.11	.06	.14	.04	.08	-	.08	-
25	.06	-	.04	-	.20	.06	.17	.05
26	.08	.06	.11	.04	.12	.06	.10	.07
27	.11	.07	.11	.05	.12	.07	.07	-
28	.10	.07	.04	-	.07	-	.15	.07
29	.07	-	.08	.04	.15	.07	.13	.07
30	.17	.07	.04	-	.13	.07	.11	.07
31	.14	.06	.07	.04	.11	.06	.10	.06

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.

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.

Enter the highest daily 15-minute interval turbidity measurement recorded for the filter specified.

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, William G. Gentry, under penalties of law that I am the person authorized to sign this form and the information contained herein is true, accurate and complete to the best extent of my knowledge.

PWS Authorized Signature: William G. Gentry
 Date: 8-3-2020 Title: Chief Plant Operator



Massachusetts Department of Environmental Protection - Drinking Water Program
CHLORINE/CHLORAMINES - MONTHLY REPORT

CI

I. PWS INFORMATION:

PWS ID #: 4133000 PWS Name: TOWN OF HOLBROOK City/Town: HOLBROOK Class: COM NTNC TNC

II. ANALYTICAL INFORMATION: Refer to your MassDEP Coliform Sampling Plan and/or DBPR monitoring plan to help complete this section.

Type Measured: Free Chlorine Total Chlorine Combined Chlorine Analytical Method: SM 4500-Cl: D E F G H I ASTM D1253-86

Notes:

DEP Sample Type ⁴	DEP APPROVED SAMPLE SITE INFORMATION ¹		CHLORINE RESULT ² (mg/L)	COLLECTION AND ANALYSIS ³ :		COLLECTED AND ANALYZED BY:
	DEP Location Code #	DEP Approved SAMPLE LOCATION ¹		DATE	TIME	
RS	001	TOWN HALL	1.8	7/6/2020	06:15	T. Duggan
RS	004	COTTAGE VARIETY	2.5	7/6/2020	07:55	T. Duggan
RS	008E	STEWARTS POWER EQUIPMENT	0.1	7/6/2020	08:20	T. Duggan
RS	006	COMMUNITY CENTER	0.2	7/6/2020	07:33	T. Duggan
RS	001	TOWN HALL	2.0	7/13/2020	08:00	T. Duggan
RS	004	COTTAGE VARIETY	2.3	7/13/2020	08:45	T. Duggan
RS	008E	STEWARTS POWER EQUIPMENT	0.1	7/13/2020	08:30	T. Duggan
RS	006	COMMUNITY CENTER	0.9	7/13/2020	09:15	T. Duggan
RS	001	TOWN HALL	1.2	7/22/2020	06:17	T. Duggan
RS	004	COTTAGE VARIETY	2.3	7/22/2020	07:31	T. Duggan
RS	008E	STEWARTS POWER EQUIPMENT	0.1	7/22/2020	08:00	T. Duggan
RS	006	COMMUNITY CENTER	0.1	7/22/2020	06:52	T. Duggan
RS	001	TOWN HALL	1.1	7/27/2020	06:25	T. Duggan
RS	004	COTTAGE VARIETY	2.4	7/27/2020	07:31	T. Duggan
RS	008E	STEWARTS POWER EQUIPMENT	0.1	7/27/2020	08:17	T. Duggan
RS	006	COMMUNITY CENTER	0.1	7/27/2020	07:06	T. Duggan

¹ DEP Sample Type, Location Code#, and DEP Approved Sample Site Location must correspond to the same information on your DEP Total Coliform Sampling Plan.
² SWTR systems: HPC must be collected at distribution sites with zero chlorine residual and results reported on the DEP Bacteriological Monthly Report form and on the appropriate SWTR Form.
³ Collection and Analysis: Chlorine residual shall be measured in the field (immediately upon collection) at the same time and location in the distribution system as total coliforms are sampled. Record ND values as 0 (zero).
⁴ Sample Type: RS-Routine Distribution Sample, RO-Original Site Repeat, UR-Upstream Repeat, DR-Downstream Repeat, AR-Additional Repeat, or SS-Special Sample (as determined by DEP).
⁵ All DISTRIBUTION samples taken and analyzed shall be included in determining compliance, even if that number is greater than the minimum required. If you collect repeat coliform samples within the distribution system during the month, you must also measure for a detectable chlorine residual at the repeat sites and include these samples. DO NOT include raw water (RW) or plant tap (PT) chlorine residual samples in your calculations.

III. COMPLIANCE REPORTING: Total # of Samples Collected for Month⁵: 66 Average Chlorine Result of All Samples For Month⁵ (mg/L): 1.00

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.

Primary Certified Operator Signature and Date: William Corbett 8-13-2020

DEP Review Status: Accepted Disapproved Review Comments:



**Massachusetts Department of Environmental Protection - Drinking Water Program
CHLORINE/CHLORAMINES - MONTHLY REPORT**

CI

I. PWS INFORMATION:

PWS ID #: **4244000** PWS Name: **RANDOLPH WATER DEPARTMENT** City/Town: **RANDOLPH** Class: COM NTNC TNC

II. ANALYTICAL INFORMATION: Refer to your MassDEP Coliform Sampling Plan and/or DBPR monitoring plan to help complete this section.

Type Measured: Free Chlorine Total Chlorine Combined Chlorine Analytical Method: SM 4500-Cl: D E F G H I ASTM D1253-86
Notes: Weekly samples taken in the distribution system

DEP Sample Type	DEP Location Code # ¹	DEP Approved Sample Location ¹	CHLORINE RESULT ² (mg/L)	COLLECTION AND ANALYSIS ³		COLLECTED AND ANALYZED BY:
				DATE	TIME	
RS	003	TOWER HILL SCHOOL - ADAMS STREET	0.55	7-6-20	10:00 AM	A. PIERRE-LOUIS
RS	004	JFK SCHOOL - 20 HURLEY DRIVE	1.36		8:30 AM	
RS	005	MARTIN E. YOUNG SCHOOL- COURTNEY DRIVE	1.27		9:15 AM	
RS	006	COMFORT INN - 1374 NORTH MAIN STREET	1.47		11:30 AM	
RS	008	COMMUNITY MIDDLE SCHOOL - HIGH STREET	1.33		10:45 AM	
RS	011	MOBIL STATION - 93 MAZZEO DRIVE	1.12		9:30 AM	
RS	012	7-11 FOOD SHOP - 675 NORTH STREET	0.11		8:15 AM	
RS	014 A	ENTERPRISE - 249 NORTH MAI STREET	NO ACCESS DUE	TO	COVERED 19	
RS		OLIVE AVE AUTO 317 NORTH MAIN STREET	1.46		7:45 AM	
RS		OAK GROVE STANDPIPE	0.77		9:45 AM	
RS		SOUTH MAIN STREET STANDPIPE	0.63		8:45 AM	

¹ DEP Sample Type, Location Code#, and DEP Approved Sample Site Location must correspond to the same information on your DEP Total Coliform Sampling Plan.
² SWTR systems: HPC must be collected at distribution sites with zero chlorine residual and results reported on the DEP Bacteriological Monthly Report form and on the appropriate SWTR Form.
³ Collection and Analysis: Chlorine residual shall be measured in the field (immediately upon collection) at the same time and location in the distribution system as total coliforms are sampled. Record ND values as 0 (zero).
⁴ Sample Type: RS-Routine Distribution Sample, RO-Original Site Repeat, UR-Upstream Repeat, DR-Downstream Repeat, AR-Additional Repeat, or SS-Special Sample (as determined by DEP).
⁵ All DISTRIBUTION samples taken and analyzed shall be included in determining compliance, even if that number is greater than the minimum required. If you collect repeat coliform samples within the distribution system during the month, you must also measure for a detectable chlorine residual at the repeat sites and include these samples. DO NOT include raw water (RW) or plant tap (PT) chlorine residual samples in your calculations.

III. COMPLIANCE REPORTING: Total # of Samples Collected for Month⁵: **66** Average Chlorine Result of All Samples For Month⁵ (mg/L): **1.00**
 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.

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.

Primary Certified Operator Signature and Date: *William Colberg* 8-13-2020

DEP Review Status: Accepted Disapproved Review Comments:



Massachusetts Department of Environmental Protection - Drinking Water Program
CHLORINE/CHLORAMINES - MONTHLY REPORT

CI

I. PWS INFORMATION:

PWS ID #: **4244000** PWS Name: **RANDOLPH WATER DEPARTMENT** City/Town: **RANDOLPH** Class: COM NTNC TNC

II. ANALYTICAL INFORMATION: Refer to your MassDEP Coliform Sampling Plan and/or DBPR monitoring plan to help complete this section.

Type Measured: Free Chlorine Total Chlorine Combined Chlorine Analytical Method: SM 4500-Cl: D E F G H I ASTM D1253-86

Notes: Weekly samples taken in the distribution system

DEP APPROVED SAMPLE SITE INFORMATION ¹		CHLORINE RESULT ² (mg/L)	COLLECTION AND ANALYSIS ³ :		COLLECTED AND ANALYZED BY:
DEP Location Code # ⁴	DEP Approved SAMPLE LOCATION ¹		DATE	TIME	
RS 003	TOWER HILL SCHOOL - ADAMS STREET	0.60	7-13-90	10:00AM	A. VERRE-LOUIS
RS 004	JFK SCHOOL - 20 HURLEY DRIVE	1.31		8:30AM	
RS 005	MARTIN E. YOUNG SCHOOL - COURTNEY DRIVE	0.97		9:00AM	
RS 006	COMFORT INN - 1374 NORTH MAIN STREET	1.37		11:00AM	
RS 008	COMMUNITY MIDDLE SCHOOL - HIGH STREET	1.41		10:30AM	
RS 011	MOBIL STATION - 93 MAZZEO DRIVE	0.91		9:30AM	
RS 012	7-11 FOOD SHOP - 675 NORTH STREET	0.10		8:00AM	
RS 014 A	ENTERPRISE - 249 NORTH MAI STREET	NO ACCESS	Due	COVER 19	
RS	RR AUTO 317 NORTH MAIN ST. OAK GROVE STANDPIPE	1.22		7:30AM	
RS		0.86		9:45AM	
RS	SOUTH MAIN STREET STANDPIPE	0.55		8:45AM	

¹ DEP Sample Type, Location Code#, and DEP Approved Sample Site Location must correspond to the same information on your DEP Total Coliform Sampling Plan.
² SWTR systems: HPC must be collected at distribution sites with zero chlorine residual and results reported on the DEP Bacteriological Monthly Report form and on the appropriate SWTR Form.
³ Collection and Analysis: Chlorine residual shall be measured in the field (immediately upon collection) at the same time and location in the distribution system as total coliforms are sampled. Record ND values as 0 (zero).
⁴ Sample Type: RS-Routine Distribution Sample, RO-Original Site Repeat, UR-Upstream Repeat, DR-Downstream Repeat, AR-Additional Repeat, or SS-Special Sample (as determined by DEP).
⁵ All DISTRIBUTION samples taken and analyzed shall be included in determining compliance, even if that number is greater than the minimum required. If you collect repeat coliform samples within the distribution system during the month, you must also measure for a detectable chlorine residual at the repeat sites and include these samples. DO NOT include raw water (RW) or plant tap (PT) chlorine residual samples in your calculations.

III. COMPLIANCE REPORTING:

Total # of Samples Collected for Month⁵: **66** Average Chlorine Result of All Samples For Month⁵ (mg/L): **1.00**
 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 (eOEP) deadline is the same as above.

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.

Primary Certified Operator Signature and Date: *William Corbett* 8-13-2020

DEP Review Status: Accepted Disapproved Review Comments:



Massachusetts Department of Environmental Protection - Drinking Water Program

CHLORINE/CHLORAMINES - MONTHLY REPORT

CI

I. PWS INFORMATION:

PWS ID #: 4244000 PWS Name: RANDOLPH WATER DEPARTMENT City/Town: RANDOLPH Class: COM NTNC TNC

II. ANALYTICAL INFORMATION: Refer to your MassDEP Coliform Sampling Plan and/or DBPR monitoring plan to help complete this section.

Type Measured: Free Chlorine Total Chlorine Combined Chlorine
 Analytical Method: SM 4500-Cl: D E F G H I ASTM D1253-86
 Notes: Weekly samples taken in the distribution system

DEP APPROVED SAMPLE SITE INFORMATION ¹		CHLORINE RESULT ² (mg/L)	COLLECTION AND ANALYSIS ³ :		COLLECTED AND ANALYZED BY:
DEP Sample Location Code # ⁴	DEP Approved SAMPLE LOCATION ¹		DATE	TIME	
RS 003	TOWER HILL SCHOOL - ADAMS STREET	.98	7-20-20	10:15 AM	A. PIERRE-LOUIS
RS 004	JFK SCHOOL - 20 HURLEY DRIVE	1.27		8:35 AM	
RS 005	MARTIN E. YOUNG SCHOOL - COURTNEY DRIVE	.82		9:20 AM	
RS 006	COMFORT INN - 1374 NORTH MAIN STREET	1.46		11:00 AM	
RS 008	COMMUNITY MIDDLE SCHOOL - HIGH STREET	1.35		10:30 AM	
RS 011	MOBIL STATION - 93 MAZZEO DRIVE	.97		9:35 AM	
RS 012	7-11 FOOD SHOP - 675 NORTH STREET	.24		7:45 AM	
RS 014 A	ENTERPRISE - 249 NORTH MAI STREET	NO ACCESS		DUPLICATE TO COVID 19	
RS	AKP AUTO 317 NORTH MAIN STREET	1.37		8:5 AM	
RS	OAK GROVE STANDPIPE	.85		9:50 AM	
RS	SOUTH MAIN STREET STANDPIPE	.54		9:00 AM	

¹ DEP Sample Type, Location Code#, and DEP Approved Sample Site Location must correspond to the same information on your DEP Total Coliform Sampling Plan.
² SWTR systems: HPC must be collected at distribution sites with zero chlorine residual and results reported on the DEP Bacteriological Monthly Report form and on the appropriate SWTR Form.
³ Collection and Analysis: Chlorine residual shall be measured in the field (immediately upon collection) at the same time and location in the distribution system as total coliforms are sampled. Record ND values as 0 (zero).
⁴ Sample Type: RS-Routine Distribution Sample, RO-Original Site Repeat, UR-Upstream Repeat, DR-Downstream Repeat, AR-Additional Repeat, or SS-Special Sample (as determined by DEP).
⁵ All DISTRIBUTION samples taken and analyzed shall be included in determining compliance, even if that number is greater than the minimum required. If you collect repeat coliform samples within the distribution system during the month, you must also measure for a detectable chlorine residual at the repeat sites and include these samples. DO NOT include raw water (RW) or plant tap (PT) chlorine residual samples in your calculations.

III. COMPLIANCE REPORTING:

Total # of Samples Collected for Month⁵: 66 Average Chlorine Result of All Samples For Month⁵ (mg/L): 1.00
 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.

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.

Primary Certified Operator Signature and Date: William Cortley 8-13-2020

DEP Review Status: Accepted Disapproved Review Comments:



Massachusetts Department of Environmental Protection - Drinking Water Program
CHLORINE/CHLORAMINES - MONTHLY REPORT

CI

I. PWS INFORMATION:

PWS ID #: **4244000** PWS Name: **RANDOLPH WATER DEPARTMENT** City/Town: **RANDOLPH** Class: COM NTNC TNC

II. ANALYTICAL INFORMATION: Refer to your MassDEP Coliform Sampling Plan and/or DBPR monitoring plan to help complete this section.

Type Measured: Free Chlorine Total Chlorine Combined Chlorine Analytical Method: SM 4500-Cl: D E F G H I ASTM D1253-86

Notes: Weekly samples taken in the distribution system

DEP Sample Type ¹	DEP Location Code # ¹	DEP APPROVED SAMPLE SITE INFORMATION ¹		CHLORINE RESULT ² (mg/L)	COLLECTION AND ANALYSIS ³ :		COLLECTED AND ANALYZED BY:
		DEP Approved SAMPLE LOCATION ¹	DEP Approved SAMPLE LOCATION ¹		DATE	TIME	
RS	003	TOWER HILL SCHOOL - ADAMS STREET		1.18	7/22	9:50	
RS	004	JFK SCHOOL - 20 HURLEY DRIVE		1.08	7/22	8:30	
RS	005	MARTIN E. YOUNG SCHOOL - COURTNEY DRIVE		.56	7/22	7:50	
RS	006	COMFORT INN - 1374 NORTH MAIN STREET		1.18	7/22	11:15	
RS	008	COMMUNITY MIDDLE SCHOOL - HIGH STREET		1.39	7/22	10:05	
RS	011	MOBIL STATION - 93 MAZZEO DRIVE		.89	7/22	8:30	
RS	012	7-11 FOOD SHOP - 675 NORTH STREET		.16	7/22	8:10	
RS	014 A	ENTERPRISE - 240 NORTH MAIN STREET AXP		1.40	7/22	10:30	
RS		OAK GROVE STANDPIPE		N/A			
RS		SOUTH MAIN STREET STANDPIPE		N/A			

¹ DEP Sample Type, Location Code#, and DEP Approved Sample Site Location must correspond to the same information on your DEP Total Coliform Sampling Plan.
² SWTR systems: HPC must be collected at distribution sites with zero chlorine residual and results reported on the DEP Bacteriological Monthly Report form and on the appropriate SWTR Form.
³ Collection and Analysis: Chlorine residual shall be measured in the field (immediately upon collection) at the same time and location in the distribution system as total coliforms are sampled. Record ND values as 0 (zero).
⁴ Sample Type: RS-Routine Distribution Sample, RO-Original Site Repeat, UR-Upstream Repeat, DR-Downstream Repeat, AR-Additional Repeat, or SS-Special Sample (as determined by DEP).
⁵ All DISTRIBUTION samples taken and analyzed shall be included in determining compliance, even if that number is greater than the minimum required. If you collect repeat coliform samples within the distribution system during the month, you must also measure for a detectable chlorine residual at the repeat sites and include these samples. DO NOT include raw water (RW) or plant tap (PT) chlorine residual samples in your calculations.

III. COMPLIANCE REPORTING: Total # of Samples Collected for Month⁵: **666** Average Chlorine Result of All Samples For Month⁵ (mg/L): **1.00**

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.

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.

Primary Certified Operator Signature and Date: Date: **8-13-2020**

DEP Review Status: Accepted Disapproved Review Comments:



Massachusetts Department of Environmental Protection - Drinking Water Program CHLORINE/CHLORAMINES - MONTHLY REPORT

CI

I. PWS INFORMATION:

PWS ID #: **4244000** PWS Name: **RANDOLPH WATER DEPARTMENT** City/Town: **RANDOLPH** Class: COM NTNC TNC

II. ANALYTICAL INFORMATION: Refer to your MassDEP Coliform Sampling Plan and/or DBPR monitoring plan to help complete this section.

Type Measured: Free Chlorine Total Chlorine Combined Chlorine Analytical Method: SM 4500-Cl: D E F G H I ASTM D1253-86

Notes: Weekly samples taken in the distribution system

DEP APPROVED SAMPLE SITE INFORMATION ¹		CHLORINE RESULT ² (mg/L)	COLLECTION AND ANALYSIS ³		COLLECTED AND ANALYZED BY:
DEP Sample Location Code # ⁴	DEP Approved SAMPLE LOCATION ¹		DATE	TIME	
RS 003	TOWER HILL SCHOOL - ADAMS STREET	1.40	7-27-20	10:00 AM	A. PIERRE-LOUIS
RS 004	JFK SCHOOL - 20 HURLEY DRIVE	1.40		8:30 AM	
RS 005	MARTIN E. YOUNG SCHOOL- COURTNEY DRIVE	1.14		9:00 AM	
RS 006	COMFORT INN - 1374 NORTH MAIN STREET	1.50		11:15 AM	
RS 008	COMMUNITY MIDDLE SCHOOL - HIGH STREET	1.37		10:00 AM	
RS 011	MOBIL STATION - 93 MAZZEO DRIVE	1.05		9:30 AM	
RS 012	7-11 FOOD SHOP - 675 NORTH STREET	1.10		7:30 AM	
RS 014 A	ENTERPRISE - 249 NORTH MAI STREET	NO ACCESS DUE TO COVID 19			
RS	OLDME AVE INTO 317 NORTH MAIN ST. OAK GROVE STANDPIPE	1.34		8:00 AM	
RS		1.80		9:50 AM	
RS	SOUTH MAIN STREET STANDPIPE	1.51		8:45 AM	

¹ DEP Sample Type, Location Code#, and DEP Approved Sample Site Location must correspond to the same information on your DEP Total Coliform Sampling Plan.
² SWTR systems: HPC must be collected at distribution sites with zero chlorine residual and results reported on the DEP Bacteriological Monthly Report form and on the appropriate SWTR Form.
³ Collection and Analysis: Chlorine residual shall be measured in the field (immediately upon collection) at the same time and location in the distribution system as total coliforms are sampled. Record ND values as 0 (zero).
⁴ Sample Type: RS-Routine Distribution Sample, RO-Original Site Repeat, UR-Upstream Repeat, DR-Downstream Repeat, AR-Additional Repeat, or SS-Special Sample (as determined by DEP).
⁵ All DISTRIBUTION samples taken and analyzed shall be included in determining compliance, even if that number is greater than the minimum required. If you collect repeat coliform samples within the distribution system during the month, you must also measure for a detectable chlorine residual at the repeat sites and include these samples. DO NOT include raw water (RW) or plant tap (PT) chlorine residual samples in your calculations.

III. COMPLIANCE REPORTING: Total # of Samples Collected for Month⁵: **66** Average Chlorine Result of All Samples For Month⁵ (mg/L): **1.00**
 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.

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.
 Primary Certified Operator Signature and Date: *William Gortberg* 8-13-2020

DEP Review Status: Accepted Disapproved Review Comments:



CHLORINE/CHLORAMINES - MONTHLY REPORT

5. PWS INFORMATION:

PWS ID #: 4244000 PWS Name: RANDOLPH WATER DEPARTMENT City/Town: RANDOLPH Class: COM NTNG TNG

6. ANALYTICAL INFORMATION: Refer to your MassDEP Coliform Sampling Plan and/or DEPR monitoring plan to help complete this section.

Type Measured: Free Chlorine Total Chlorine Combined Chlorine Analytical Method: SM-4500-Cl D E F G H I ASTM D1253-86

Notes:

DEP Sample Type	DEP APPROVED SAMPLE SITE INFORMATION		CHLORINE RESULT (mg/L)	COLLECTION AND ANALYSIS		COLLECTED AND ANALYZED BY
	DEP Location Code	DEP Approved Sample Location		DATE	TIME	
RS	003	TOWER HILL SCHOOL ... ADAMS STREET				
RS	004	JFK SCHOOL ... 20 HURLEY DRIVE				
RS	005	MARTIN E. YOUNG SCHOOL ... COURTNEY DRIVE				
RS	006	CAMPBELL INN ... 1374 NORTH MAIN STREET				
RS	008	NORTH MIDDLE SCHOOL ... HIGH STREET				
RS	011	MOBIL STATION ... 89 MAZZEO DRIVE				
RS	012	7 ... 1 FOOD SHOP ... 076 NORTH STREET				
RS	014 A	EVERHASE ... 277 NORTH MAIN STREET				
RS		OAK GROVE STANDPIPE	0.68	7/29/20	7:30 A	PA
RS		SOUTH MAIN STREET STANDPIPE	.71	7/29/20	7:50 A	

1. DEP Sample Type, Location Code, and DEP Approved Sample Site Location must correspond to the same information on your DEP Total Coliform Sampling Plan.
 2. SWTR systems that must be collected at distribution areas with zero chlorine residual and results reported on the DEP Electrodeless Monthly Report form and on the appropriate SWTR Form.
 3. Collection and Analysis: Chlorine residual shall be measured in the field (immediately upon collection) at the same time and location in the distribution system as total coliforms are sampled. Record MRD values as 0 (zero).
 4. Sample Type: RS - Routine Distribution Samples, RS-Original Site Report, DE-Untreated Residual, DE-Disinfection Residual, or SS-Special Sample (as determined by DEP).
 5. All Electrodeless samples taken and analyzed shall be included in determining compliance, even if that number is greater than the minimum required. If you collect representative samples within the distribution system during the month, you must also measure for a detectable chlorine residual at the repeat sites and include those samples. DO NOT include raw water (RW) or plant tap (PT) chlorine residual samples in your calculations.

6. COMPLIANCE REPORTING: Total # of Samples Collected for Month: 66 Average Chlorine Residual for Month: 1.00
 Primary Certified Operator Signature and Date: William Conley 8-13-2020

DEP Review Status: Accepted Disapproved Review Comments:



Massachusetts Department of Environmental Protection - Drinking Water Program
Disinfection Byproducts Rule Compliance Report

DBPR

I. PWS INFORMATION: Please refer to your DBPR Monitoring Plan to help complete this form.

PWS ID #: 4244001 City/Town: RANDOLPH
 PWS Name: RANDOLPH-HOLBROOK JOINT WATER PWS Class: COM NTNC TNC
 Monitoring Period (YEAR): 2020 Monitoring Period (QUARTER): Q1 (Jan-Mar) Q2 (Apr-Jun) Q3 (Jul-Sep) Q4 (Oct-Dec)

II. FOR SYSTEMS USING CHLORINATION

A. Trihalomethanes (TTHM)
 Total Number of TTHM Samples: _____ Quarterly Average: _____ µg/L
 Was the Running Annual Average MCL (80 µg/L) exceeded? Yes No Running Annual Average: _____ µg/L

B. Haloacetic Acids (HAA5)
 Total Number of HAA5 Samples: _____ Quarterly Average: _____ µg/L
 Was the Running Annual Average MCL (60 µg/L) exceeded? Yes No Running Annual Average: _____ µg/L

C. Chlorine/Chloramines
 Total Number of Samples: _____ Monthly Averages: 1.00 mg/L
 Month 1: 66 JULY
 Month 2: _____ AUGUST
 Month 3: _____ SEPT.
 Quarterly Average: 1.00 mg/L
 Was the Running Annual Average MRDL (4.0 mg/L) exceeded? Yes No Running Annual Average: 1.00 mg/L

D. Total Organic Carbon - raw (TOC) (Required for SW or GWUDI Plant Name: _____
 systems >499 seeking or approved to reduce THM/HAA5 monitoring.)
 (Attach additional sheet(s) to report more than 1 plant)
 Total Number of Samples: _____ Monthly Averages: _____ mg/L
 Month 1: _____
 Month 2: _____
 Month 3: _____
 Quarterly Average: _____ mg/L
 Was the (4.0 mg/L) threshold exceeded? Yes No Running Annual Average: _____ mg/L

III. FOR SYSTEMS USING OZONATION - attach additional sheet(s) to report more than 1 plant

E. Bromate (treated) Plant Name: _____
 Total Number of Samples: _____ Monthly Averages: _____ mg/L
 Month 1: _____
 Month 2: _____
 Month 3: _____
 Quarterly Average: _____ mg/L
 Was the Running Annual Average MCL (0.010 ug/l) exceeded? Yes No Running Annual Average: _____ mg/L

F. Bromide (raw) Plant Name: _____
 Required for systems seeking or approved to reduce Bromate monitoring
 Total Number of Samples: _____ Monthly Averages: _____ mg/L
 Month 1: _____
 Month 2: _____
 Month 3: _____
 Quarterly Average: _____ mg/L
 Was the (0.05 mg/l) threshold exceeded? Yes No Running Annual Average: _____ mg/L

IV. FOR SYSTEMS USING CHLORINE DIOXIDE - Report compliance information on your Chlorine/Chlorine Dioxide (Daily Samples) Report

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.

Primary Certified Operator Signature: William Coker Date: 8-13-2020

DEFINITIONS	
MONTHLY AVERAGE:	Monthly average = average of all results within the current month.
QUARTERLY AVERAGE:	Quarterly Average = average result of all locations sampled during monitoring period
RUNNING ANNUAL AVERAGE:	Running Annual Average = Average of 4 quarters. Average of this quarter and three prior consecutive quarterly averages (for systems on quarterly monitoring)
TOTAL NUMBER OF SAMPLES:	Total number of samples collected during the monitoring period.

NOTE: Record and calculate all ND or <MDL results as the number zero (0).

Submit one copy of this form each quarter to your DEP regional office (by Jan 10th, April 10th, July 10th, and Oct 10th of each year)

DEP REVIEW STATUS (Initial & Date)
 Accepted _____ Disapproved _____
 Review Comments _____