PWS ID #: 4122000 City/Town: HANOVER PWS Name: HANOVER WATER DEPT Primary Lab MA Cert #: M-MA022 Primary Lab Name: ANALYTICAL BALANCE CORP

Data Check - Unsigned

PWS Class: COM

Location ID	Location		Routine	e/ Special:	Collected By:	Collection Date:	O/R/C:	Resubmit Reason:	Original Collectior
10383	925 CIRCUIT ST -	FIRE STATION #3	B RS	5	W. MILLS	3/7/2018	0		
Sample Comme	nts:		Anal	ysis Comme	nts:	Lab S	ample ID:		
						1822	19601		
Contaminant:		Result:	UOM:	MDL:	Analytical Method:	Analysis Date:	Analytical L	ab ID: Analyti	cal Lab:
MONOCHLORO	ACETIC ACID	ND	UG/L	2	EPA 552.2	3/19/2018	M-RI002	ESS LABORATOR	Y
DIBROMOACET	C ACID	3.1	UG/L	1	EPA 552.2	3/19/2018	M-RI002	ESS LABORATOR	Y
TRICHLOROACE	TIC ACID	4.3	UG/L	1	EPA 552.2	3/19/2018	M-RI002	ESS LABORATOR	Y
MONOBROMOA	CETIC ACID	ND	UG/L	1	EPA 552.2	3/19/2018	M-RI002	ESS LABORATOR	Y
DICHLOROACE	FIC ACID	3.5	UG/L	1	EPA 552.2	3/19/2018	M-RI002	ESS LABORATOR	Y
HALOACETIC AG		10.9	UG/L	1	EPA 552.2	3/19/2018	M-RI002	ESS LABORATOR	Y
Location ID	Location			/ Special:	Collected By:	Collection Date:	O/R/C:	Resubmit Reason:	Original Collection
10385	70 PONDEROSA		RS	;	W. MILLS	3/7/2018	0		
Sample Comme	nts:		Anal	sis Comme	nts:	Lab S	ample ID:		
-						1822	19602		
Contaminant:		Result:	UOM:	MDL:	Analytical Method:	Analysis Date:	Analytical L	ab ID: Analyti	cal Lab:
MONOCHLORO	ACETIC ACID	ND	UG/L	2	EPA 552.2	3/19/2018	M-RI002	ESS LABORATOR	Y
DIBROMOACET	C ACID	ND	UG/L	1	EPA 552.2	3/19/2018	M-RI002	ESS LABORATOR	Y
TRICHLOROACE	TIC ACID	3.8	UG/L	1	EPA 552.2	3/19/2018	M-RI002	ESS LABORATOR	Y
MONOBROMOA	CETIC ACID	ND	UG/L	1	EPA 552.2	3/19/2018	M-RI002	ESS LABORATOR	Y
DICHLOROACE ⁻	TIC ACID	1.5	UG/L	1	EPA 552.2	3/19/2018	M-RI002	ESS LABORATOR	Y
HALOACETIC A		5.3	UG/L	1	EPA 552.2	3/19/2018	M-RI002	ESS LABORATOR	Y
Location ID	Location		Routine	/ Special:	Collected By:	Collection Date:	O/R/C:	Resubmit Reason:	Original Collection
10388	33 ROCKLAND ST FITNESS	- HANOVER	RS	;	W. MILLS	3/7/2018	0		
Sample Comme	nts:		Analy	ysis Comme	nts:		ample ID: 19603		
1/S - Multiple or	Single courses restore	ntod in comple sit			PWS ID #:	4122000			
	Single sources represe or Source sample site.		е.					3/26/2018 8:23	5.48 AIVI
	shed water sample site				PWS Name:	HANOVER WATER DEPT		Page 1	of 2

MDL = Method Detection Limit.

UOM = Unit of Measurement.

Haloacetic Acids Report

Data Check - Unsigned

Contaminant:		Result:	UOM:	MDL:	Analytical Method:	Analysis Date:	Analytical La	ab ID: Analytical Lab:
MONOCHLORC	DACETIC ACID	ND	UG/L	2	EPA 552.2	3/19/2018	M-RI002	ESS LABORATORY
DIBROMOACET	FIC ACID	3.6	UG/L	1	EPA 552.2	3/19/2018	M-RI002	ESS LABORATORY
TRICHLOROAC	ETIC ACID	1.2	UG/L	1	EPA 552.2	3/19/2018	M-RI002	ESS LABORATORY
MONOBROMO	ACETIC ACID	ND	UG/L	1	EPA 552.2	3/19/2018	M-RI002	ESS LABORATORY
DICHLOROACE	TIC ACID	1.9	UG/L	1	EPA 552.2	3/19/2018	M-RI002	ESS LABORATORY
HALOACETIC A	ACIDS	6.7	UG/L	1	EPA 552.2	3/19/2018	M-RI002	ESS LABORATORY
Location ID	Location		Routine	e/ Special:	Collected By:	Collection Date:	O/R/C:	Resubmit Reason: Original Collection:
10387	2060 WASHING INFINITY	TON ST - PRIME	RS	8	W. MILLS	3/7/2018	0	
Sample Comme	ents:		Anal	ysis Comme	nts:	Lab	Sample ID:	
Sample Comme	ents:		Anal	ysis Comme	nts:		Sample ID: 219604	
Sample Comme		Result:	Analy UOM:	ysis Comme MDL:	nts: Analytical Method:		•	ab ID: Analytical Lab:
		Result: ND				182	219604	ab ID: Analytical Lab: ESS LABORATORY
Contaminant:	DACETIC ACID		UOM:	MDL:	Analytical Method:	182 Analysis Date:	219604 Analytical La	-
Contaminant:	DACETIC ACID FIC ACID	ND	UOM: UG/L	MDL:	Analytical Method: EPA 552.2	182 Analysis Date: 3/19/2018	219604 Analytical La M-RI002	ESS LABORATORY
Contaminant: MONOCHLORC DIBROMOACET	DACETIC ACID FIC ACID SETIC ACID	ND 2.2	UOM: UG/L UG/L	MDL:	Analytical Method: EPA 552.2 EPA 552.2	182 Analysis Date: 3/19/2018 3/19/2018	219604 Analytical La M-RI002 M-RI002	ESS LABORATORY ESS LABORATORY
Contaminant: MONOCHLORC DIBROMOACET TRICHLOROAC	DACETIC ACID FIC ACID ETIC ACID ACETIC ACID	ND 2.2 7.8	UOM: UG/L UG/L UG/L	MDL:	Analytical Method: EPA 552.2 EPA 552.2 EPA 552.2	182 Analysis Date: 3/19/2018 3/19/2018 3/19/2018	219604 Analytical La M-RI002 M-RI002 M-RI002	ESS LABORATORY ESS LABORATORY ESS LABORATORY
Contaminant: MONOCHLORC DIBROMOACET TRICHLOROAC MONOBROMOA	DACETIC ACID FIC ACID SETIC ACID ACETIC ACID STIC ACID	ND 2.2 7.8 ND	UOM: UG/L UG/L UG/L UG/L	MDL:	Analytical Method: EPA 552.2 EPA 552.2 EPA 552.2 EPA 552.2	182 Analysis Date: 3/19/2018 3/19/2018 3/19/2018 3/19/2018	219604 Analytical La M-RI002 M-RI002 M-RI002 M-RI002	ESS LABORATORY ESS LABORATORY ESS LABORATORY ESS LABORATORY

EDEP Transaction ID: 1003025

M/S = Multiple or Single sources represented in sample site. D/S = Distribution or Source sample site.

R/F = Raw or Finished water sample site.

MDL = Method Detection Limit.

UOM = Unit of Measurement.

O/R/C = Original submittal or Resubmitted submittal or Confirmation sample.

PWS ID #: 4122000 PWS Name: HANOVER WATER DEPT 3/26/2018 8:23:48 AM

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Trihalomethane Report

City/Town: HANOVER PWS ID #: 4122000 PWS Name: HANOVER WATER DEPT Primary Lab MA Cert #: M-MA022 Primary Lab Name: ANALYTICAL BALANCE CORP

Data Check - Unsigned

PWS Class:

COM

Location ID	Location		Routine	e/ Special:	Collected By:	Collection Date:	O/R/C:	Resubmit Reason:	Original Collection
10383	925 CIRCUIT ST	- FIRE STATION #3	RS		W. MILLS	3/7/2018	0		
Sample Comme	nts:		Analy	sis Comme	ents:	Lab Sa	ample ID:		
						1822	19601		
Contaminant:		Result: U	OM:	MDL:	Analytical Method:	Analysis Date:	Analytical I	Lab ID: Ana	lytical Lab:
BROMODICHLO	ROMETHANE	13.3	UG/L	0.5	EPA 524.2	3/14/2018	M-MA022	ANALYTICAL E	BALANCE CORP
BROMOFORM		4.1	UG/L	0.5	EPA 524.2	3/14/2018	M-MA022	ANALYTICAL E	BALANCE CORP
CHLOROFORM		10.3	UG/L	0.5	EPA 524.2	3/14/2018	M-MA022	ANALYTICAL E	BALANCE CORP
DIBROMOCHLO	ROMETHANE	12.6	UG/L	0.5	EPA 524.2	3/14/2018	M-MA022	ANALYTICAL E	BALANCE CORP
TOTAL TRIHALO	DMETHANES	40	UG/L	0.5	EPA 524.2	3/14/2018	M-MA022	-	BALANCE CORP
Location ID	Location		Routin	e/ Special:	Collected By:	Collection Date:	O/R/C:	Resubmit Reason:	
10385	70 PONDEROSA	Ą	RS		W. MILLS	3/7/2018	0		
Sample Comme	nts:		Analy	sis Comme	ents:	Lab Sa	ample ID:		
			-			1822	19602		
Contaminant:		Result: U	OM:	MDL:	Analytical Method:	Analysis Date:	Analytical I	Lab ID: Ana	lytical Lab:
BROMODICHLO	ROMETHANE	18.8	UG/L	0.5	EPA 524.2	3/14/2018	M-MA022	ANALYTICAL E	BALANCE CORP
BROMOFORM		1.9	UG/L	0.5	EPA 524.2	3/14/2018	M-MA022	ANALYTICAL E	BALANCE CORP
CHLOROFORM		17.0	UG/L	0.5	EPA 524.2	3/14/2018	M-MA022		BALANCE CORP
DIBROMOCHLO	ROMETHANE	13.1	UG/L	0.5	EPA 524.2	3/14/2018	M-MA022	ANALYTICAL E	BALANCE CORP
TOTAL TRIHALO		51	UG/L	0.5	EPA 524.2	3/14/2018	M-MA022		BALANCE CORP
Location ID	Location		Routin	e/ Special:	Collected By:	Collection Date:	O/R/C:	Resubmit Reason:	Original Collection
10388	33 ROCKLAND S FITNESS	ST - HANOVER	RS		W. MILLS	3/7/2018	0		
Sample Comme	nts:		Analy	sis Comme	ents:	Lab Sa	ample ID:		
			-			1822	19603		
Contaminant:		Result: U	OM:	MDL:	Analytical Method:	Analysis Date:	Analytical I	Lab ID: Ana	lytical Lab:
BROMODICHLO	ROMETHANE	5.8	UG/L	0.5	EPA 524.2	3/14/2018	M-MA022	ANALYTICAL E	BALANCE CORP
BROMOFORM		4.1	UG/L	0.5	EPA 524.2	3/14/2018	M-MA022	ANALYTICAL E	BALANCE CORP
		sented in sample site).		PWS ID #:	4122000		3/26/2018 8	3:23:48 AM
	or Source sample sit shed water sample sit				PWS Name:	HANOVER WATER DEPT			1 of 2
IDL = Method De		110.						Page	
OM - Unit of Mc	acuramant								

UOM = Unit of Measurement.

Trihalom	ethane R	Report				Da	ata Che	ck - Unsigi	ned
CHLOROFORM		3.8	UG/L	0.5	EPA 524.2	3/14/2018	M-MA022	ANALYTICAL BA	ALANCE CORP
DIBROMOCHLOR	OMETHANE	7.6	UG/L	0.5	EPA 524.2	3/14/2018	M-MA022	ANALYTICAL BA	ALANCE CORP
TOTAL TRIHALON	METHANES	21	UG/L	0.5	EPA 524.2	3/14/2018	M-MA022	ANALYTICAL BA	LANCE CORP
Location ID	Location		Routii	ne/ Special:	Collected By:	Collection Date:	O/R/C:	Resubmit Reason:	Original Collection:
10387	2060 WASHING INFINITY	TON ST - PRIME	RS		W. MILLS	3/7/2018	0		
Sample Commen	ts:		Anal	ysis Comme	ents:	Lab	Sample ID:		
						182	2219604		
Contaminant:		Result:	UOM:	MDL:	Analytical Method:	Analysis Date:	Analytical L	ab ID: Analy	/tical Lab:
BROMODICHLOR	OMETHANE	20.8	UG/L	0.5	EPA 524.2	3/14/2018	M-MA022	ANALYTICAL BA	LANCE CORP
BROMOFORM		1.8	UG/L	0.5	EPA 524.2	3/14/2018	M-MA022	ANALYTICAL BA	ALANCE CORP
CHLOROFORM		19.6	UG/L	0.5	EPA 524.2	3/14/2018	M-MA022	ANALYTICAL BA	ALANCE CORP
DIBROMOCHLOR	OMETHANE	14.2	UG/L	0.5	EPA 524.2	3/14/2018	M-MA022	ANALYTICAL BA	ALANCE CORP
TOTAL TRIHALO	METHANES	56	UG/L	0.5	EPA 524.2	3/14/2018	M-MA022	ANALYTICAL BA	ALANCE CORP

EDEP Transaction ID: 1003025

 $\begin{array}{l} M/S = Multiple \mbox{ or Single sources represented in sample site.} \\ D/S = Distribution \mbox{ or Source sample site.} \\ R/F = Raw \mbox{ or Finished water sample site.} \\ MDL = Method Detection Limit. \\ UOM = Unit \mbox{ of Measurement.} \\ O/R/C = Original submittal \mbox{ or Resubmitted submittal or Confirmation sample.} \end{array}$

PWS ID #: 4122000 PWS Name: HANOVER WATER DEPT

3/26/2018 8:23:48 AM

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Haloacetic Acids Report

PWS ID #: 4122000 City/Town: HANOVER PWS Name: HANOVER WATER DEPT Primary Lab MA Cert #: M-MA022 Primary Lab Name: ANALYTICAL BALANCE CORP

Submitted - Signed

PWS Class: COM

Location ID Location **Routine/ Special:** Collected By: **Collection Date:** O/R/C: Resubmit Reason: **Original Collection:** 10383 925 CIRCUIT ST - FIRE STATION #3 RS W. MILLS 6/6/2018 0 Sample Comments: Analysis Comments: Lab Sample ID: 182491201 Contaminant: UOM: Result: MDL: **Analytical Method:** Analysis Date: Analytical Lab ID: Analytical Lab: MONOCHLOROACETIC ACID ND UG/L 2 EPA 552.2 6/15/2018 M-RI002 ESS LABORATORY DIBROMOACETIC ACID ND UG/L 1 EPA 552.2 6/15/2018 M-RI002 ESS LABORATORY TRICHLOROACETIC ACID 16.8 UG/L 1 EPA 552.2 6/18/2018 M-RI002 ESS LABORATORY MONOBROMOACETIC ACID ND UG/L 1 EPA 552.2 6/15/2018 M-R1002 ESS LABORATORY DICHLOROACETIC ACID 8.8 UG/L 1 EPA 552.2 6/15/2018 M-RI002 ESS LABORATORY HALOACETIC ACIDS 25 UG/L 1 EPA 552.2 6/18/2018 M-RI002 ESS LABORATORY Location ID Location **Routine/ Special:** Collected By: Collection Date: O/R/C: Resubmit Reason: **Original Collection:** 10385 **70 PONDEROSA** RS W. MILLS 6/6/2018 0 Sample Comments: **Analysis Comments:** Lab Sample ID: 182491202 Contaminant: UOM: MDL: **Result: Analytical Method:** Analysis Date: Analytical Lab ID: **Analytical Lab:** MONOCHLOROACETIC ACID ND UG/L EPA 552.2 2 6/16/2018 M-RI002 ESS LABORATORY DIBROMOACETIC ACID ND UG/L 1 EPA 552.2 6/16/2018 M-RI002 ESS LABORATORY TRICHLOROACETIC ACID UG/L 7.5 1 EPA 552.2 6/16/2018 M-RI002 ESS LABORATORY MONOBROMOACETIC ACID ND UG/L EPA 552.2 1 6/16/2018 M-RI002 ESS LABORATORY DICHLOROACETIC ACID 2.5 UG/L EPA 552.2 1 6/16/2018 M-RI002 ESS LABORATORY HALOACETIC ACIDS 10 UG/L EPA 552.2 6/16/2018 1 M-RI002 ESS LABORATORY Location ID **Routine/ Special:** Location Collected By: Collection Date: O/R/C: Resubmit Reason: **Original Collection:** 10387 2060 WASHINGTON ST - PRIME RS W. MILLS 6/6/2018 0 INFINITY Sample Comments: **Analysis Comments:** Lab Sample ID: 182491203 M/S = Multiple or Single sources represented in sample site. PWS ID #: 4122000 6/28/2018 7:58:39 AM D/S = Distribution or Source sample site. PWS Name: HANOVER WATER DEPT R/F = Raw or Finished water sample site.

MDL = Method Detection Limit.

UOM = Unit of Measurement.

O/R/C = Original submittal or Resubmitted submittal or Confirmation sample.

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Contaminant:	Result:	UOM:	MDL:	Analytical Method:	Analysis Date:	Analytical Lab	ID: Analytical Lab:
MONOCHLOROACETIC ACID	ND	UG/L	2	EPA 552.2	6/18/2018	M-RI002	ESS LABORATORY
DIBROMOACETIC ACID	ND	UG/L	1	EPA 552.2	6/18/2018	M-RI002	ESS LABORATORY
TRICHLOROACETIC ACID	19.3	UG/L	5	EPA 552.2	6/18/2018	M-RI002	ESS LABORATORY
MONOBROMOACETIC ACID	ND	UG/L	1	EPA 552.2	6/18/2018	M-RI002	ESS LABORATORY
DICHLOROACETIC ACID	5.4	UG/L	1	EPA 552.2	6/18/2018	M-RI002	ESS LABORATORY
HALOACETIC ACIDS	25	UG/L	1	EPA 552.2	6/18/2018	M-RI002	ESS LABORATORY

Primary Lab Signature: Robert Bentley

Date: 6/28/2018

EDEP Transaction ID: 1027074

Certified Signer User Name: ANALYTICAL

M/S = Multiple or Single sources represented in sample site. D/S = Distribution or Source sample site.

R/F = Raw or Finished water sample site.

MDL = Method Detection Limit.

UOM = Unit of Measurement.

O/R/C = Original submittal or Resubmitted submittal or Confirmation sample.

PWS ID #: 4122000 PWS Name: HANOVER WATER DEPT

6/28/2018 7:58:39 AM

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Trihalomethane Report

PWS ID #: 4122000 City/Town: HANOVER PWS Name: HANOVER WATER DEPT

Primary Lab MA Cert #: M-MA022 Primary Lab Name: ANALYTICAL BALANCE CORP

Submitted - Signed

PWS Class:

СОМ

Location ID				•	Collected By:	Collection Date:	O/R/C:	Resubmit Reason:	Original Collection
10383		T - FIRE STATION #3			W. MILLS	6/6/2018	0		
Sample Comme	nts:		Ana	lysis Comme	ents:	Lab Sa	ample ID:		
						1824	91201		
Contaminant:		Result:	UOM:	MDL:	Analytical Method:	Analysis Date:	Analytical	Lab ID: Anai	ytical Lab:
BROMODICHLO	ROMETHANE	38.5	UG/L	0.5	EPA 524.2	6/11/2018	M-MA022	ANALYTICAL B	ALANCE CORP
BROMOFORM		1.4	UG/L	0.5	EPA 524.2	6/11/2018	M-MA022	ANALYTICAL B	
CHLOROFORM		38.4	UG/L	0.5	EPA 524.2	6/11/2018	M-MA022	ANALYTICAL B	
DIBROMOCHLO	ROMETHANE	19.9	UG/L	0.5	EPA 524.2	6/11/2018	M-MA022	ANALYTICAL B	
TOTAL TRIHALO	METHANES	98	UG/L	0.5	EPA 524.2	6/11/2018	M-MA022	ANALYTICAL B	
Location ID	Location		Routi	ne/ Special:	Collected By:	Collection Date:	0/R/C:	Resubmit Reason:	Original Collection
10385	70 PONDEROS	A	RS		W. MILLS	6/6/2018	0		•
Sample Comme	nts:		Anal	ysis Comme	ents:	Lab Sa	ample ID:		
				•			91202		
Contaminant:		Result:	JOM:	MDL:	Analytical Method:	Analysis Date:	Analytical I	Lab ID: Anal	ytical Lab:
BROMODICHLO	ROMETHANE	35.5	UG/L	0.5	EPA 524.2	6/11/2018	M-MA022	ANALYTICAL BA	
BROMOFORM		2.2	UG/L	0.5	EPA 524.2	6/11/2018	M-MA022	ANALYTICAL BA	
CHLOROFORM		36.0	UG/L	0.5	EPA 524.2	6/11/2018	M-MA022	ANALYTICAL BA	
DIBROMOCHLO	ROMETHANE	19.6	UG/L	0.5	EPA 524.2	6/11/2018	M-MA022	ANALYTICAL BA	
TOTAL TRIHALC	METHANES	93	UG/L	0.5	EPA 524.2	6/11/2018	M-MA022	ANALYTICAL BA	
Location ID	Location		Routi	ne/ Special:	Collected By:	Collection Date:		Resubmit Reason:	Original Collection
10387	2060 WASHING INFINITY	TON ST - PRIME	RS		W. MILLS	6/6/2018	0		J
Sample Comme	nts:		Anal	ysis Comme	nts:	Lab Sa	ample ID:		
						18249	91203		
Contaminant:		Result: U	JOM:	MDL:	Analytical Method:	Analysis Date:	Analytical L	ab ID: Analy	/tical Lab:
BROMODICHLO	ROMETHANE	39.2	UG/L	0.5	EPA 524.2	6/11/2018	M-MA022	ANALYTICAL BA	LANCE CORP
BROMOFORM		1.4	UG/L	0.5	EPA 524.2	6/11/2018	M-MA022	ANALYTICAL BA	
/S = Multiple or S	Single sources repre	sented in sample site	ə.		PWS ID #:	4122000		6/28/2018 7:	
/S = Distribution /F = Raw or Finis IDL = Method De	or Source sample si shed water sample s stection Limit.	te. ite.			PWS Name:	HANOVER WATER DEPT			1 of 2

UOM = Unit of Measurement.

Trihalomethane Report

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					·		
TOTAL TRIHALOMETHANES	103	UG/L	0.5	EPA 524.2	6/11/2018	M-MA022	ANALYTICAL BALANCE CORP
TOTAL TOULAL ONETLIANCE					0/11/2016	M-MA022	ANALYTICAL BALANCE CORP
DIBROMOCHLOROMETHANE	18.8	UG/L	0.5	EPA 524.2	6/11/2018	M MA000	
	40.0	00/2	0.5	EFA 524.2	6/11/2018	M-MA022	ANALYTICAL BALANCE CORP
CHLOROFORM	43.5	UG/L	0.5	EPA 524.2	0/44/0040		

Primary Lab Signature: Robert Bentley

Date: 6/28/2018

Certified Signer User Name: ANALYTICAL

EDEP Transaction ID: 1027074

M/S = Multiple or Single sources represented in sample site. D/S = Distribution or Source sample site. R/F = Raw or Finished water sample site.

MDL = Method Detection Limit.

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PWS ID #: 4122000 PWS Name: HANOVER WATER DEPT

6/28/2018 7:58:40 AM

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PWS ID #: 4122000City/Town: HANOVERPWS Name:HANOVER WATER DEPTPrimary Lab MA Cert #: M-MA022Primary Lab Name:ANALYTICAL BALANCE CORP

Submitted - Signed

PWS Class: COM

Location ID	Location		Routine	e/ Special:	Collected By:	Collection Date:	O/R/C:	Resubmit Reason:	Original Collection:
10388	33 ROCKLAND ST - HA FITNESS	NOVER	RS	5	W. MILLS	6/7/2018	0		
Sample Comme	nts:		Anal	ysis Comme	nts:	Lab	Sample ID:		
						182	497001		
Contaminant:	Re	esult:	UOM:	MDL:	Analytical Method:	Analysis Date:	Analytical L	ab ID: Analyt	cal Lab:
MONOCHLORO	ACETIC ACID	ND	UG/L	2	EPA 552.2	6/20/2018	M-RI002	ESS LABORATOR	Y ·
DIBROMOACET	IC ACID	3.9	UG/L	1	EPA 552.2	6/20/2018	M-RI002	ESS LABORATOF	Ŷ
TRICHLOROACI	ETIC ACID	13.1	UG/L	5	EPA 552.2	6/20/2018	M-RI002	ESS LABORATOR	Υ. · · ·
MONOBROMOA	CETIC ACID	ND	UG/L	1.	EPA 552.2	6/20/2018	M-R1002	ESS LABORATOF	(Y
DICHLOROACE	TIC ACID	11.7	UG/L	1	EPA 552.2	6/20/2018	M-RI002	ESS LABORATOR	ΥY
HALOACETIC A	CIDS	28.7	UG/L	1	EPA 552.2	6/20/2018	M-RI002	ESS LABORATOR	Y

Primary Lab Signature: Robert Bentley

Date: 7/5/2018

EDEP Transaction ID: 1029172

Certified Signer User Name: ANALYTICAL

M/S = Multiple or Single sources represented in sample site.

D/S = Distribution or Source sample site.

R/F = Raw or Finished water sample site.

MDL = Method Detection Limit.

UOM = Unit of Measurement.

O/R/C = Original submittal or Resubmitted submittal or Confirmation sample.

PWS ID #: 4122000 PWS Name: HANOVER WATER DEPT

7/5/2018 7:50:49 AM

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Trihalomethane Report

PWS ID #: 4122000 City/Town: HANOVER

PWS Name: HANOVER WATER DEPT

Primary Lab MA Cert #: M-MA022 Primary Lab Name: ANALYTICAL BALANCE CORP

Submitted - Signed

PWS Class: COM

Location ID	Location		Routi	ne/ Special:	Collected By:	Collection Date:	O/R/C:	Resubmit Reason:	Original Collection
10388	33 ROCKLAND ST FITNESS	- HANOVER	RS		W. MILLS	6/7/2018	0		-
Sample Commer	nts:		Anal	ysis Comme	ents:		Sample ID: 2497001		
Contaminant:		Result:	UOM:	MDL:	Analytical Method:	Analysis Date:	Analytical	Lab ID: Analy	rtical Lab:
BROMODICHLOP	ROMETHANE	27.0	UG/L	0.5	EPA 524.2	6/11/2018	M-MA022	ANALYTICAL BA	LANCE CORP
BROMOFORM		2.8	UG/L	0.5	EPA 524.2	6/11/2018	M-MA022	ANALYTICAL BA	LANCE CORP
CHLOROFORM		25.9	UG/L	0.5	EPA 524.2	6/11/2018	M-MA022	ANALYTICAL BA	LANCE CORP
DIBROMOCHLOF	ROMETHANE	16.7	UG/L	0.5	EPA 524.2	6/11/2018	M-MA022	ANALYTICAL BA	LANCE CORP
TOTAL TRIHALO	METHANES	72	UG/L	0.5	EPA 524.2	6/11/2018	M-MA022	ANALYTICAL BA	LANCE CORP

Primary Lab Signature: **Robert Bentley** Date: 7/5/2018 Certified Signer User Name: ANALYTICAL EDEP Transaction ID: 1029172

M/S = Multiple or Single sources represented in sample site.

D/S = Distribution or Source sample site.

R/F = Raw or Finished water sample site.

MDL = Method Detection Limit.

UOM = Unit of Measurement.

O/R/C = Original submittal or Resubmitted submittal or Confirmation sample.

PWS ID #: 4122000 PWS Name: HANOVER WATER DEPT

7/5/2018 7:50:50 AM

Page 1 of 1



Environmental Services Site Sampling **Data Auditing**

CERTIFICATE OF ANALYSIS

Neal Merritt Hanover Water Department 40 Pond Street Hanover, MA 02339

COLLECTED BY: R. Farley TIME: 9:30 LOCATION: 2060 Washington Street 10387

REPORTED:	09/19/2018
ORDER #:	G1828512
SAMPLE DATE:	9/13/2018
DATE RECEIVED:	9/13/2018
SAMPLE ID:	Special
DESCRIPTION:	DRINKING WATER

RESULTS OF ANALYSIS

	RESCEIS	OF ARALISIS					
Compound (regulated)	Result (µg/L)	MCL ¹ (µg/L)	Detection Limit (µg/L)		alytical lethod		ate yzed
Trihalomethanes 524.2			LAB-ID#:	<u>1828512</u> -	-01		
Total Trihalomethanes	73	80.0	0.5	EPA 524	.2	09/13	/2018
Bromoform	5.8		0.5	EPA 524	.2	09/13	/2018
Chloroform	13.4		0.5	EPA 524	.2	09/13/	/2018
Bromodichloromethane	24.6		0.5	EPA 524	.2	09/13	/2018
Dibromochloromethane	29.0		0.5	EPA 524	.2	09/13/	/2018
Surrogate Recoveries	(As required by EPA methods 52	24.1 and 524.2)	Compound		% Recovered	QC Lii	nits (%)
		1	2-dichlorobenzen	e-d4	94	70	130

1,2-dichlorobenzene-d4	94	70	130
4-bromofluorobenzene	92	70	130

Approved By:

ND = Not Detected

Date (Lab Manager) / 1. These limits are maximum contaminant levels (MCL) as adopted by the Commonwealth of Massachusetts and represent the maximum acceptable level in drinking

Water.

Unless otherwise noted, all analyses were conducted by Analytical Balance Corp.(M-MA022).

Neal Merritt Hanover Water Department 40 Pond Street Hanover, MA 02339

COLLECTED BY: D. Dietlin TIME: 9:44 LOCATION: Fire Station 3 10383



Environmental Services Site Sampling Data Auditing

CERTIFICATE OF ANALYSIS

REPORTED :	10/17/2018
ORDER #:	G1829339
SAMPLE DATE:	10/3/2018
DATE RECEIVED:	10/3/2018
SAMPLE ID:	Special
DESCRIPTION:	DRINKING WATER

85

70

130

4-bromofluorobenzene

RESULTS OF ANALYSIS

		0		-			
Compound (regulated)	Result (µg/L)	MCL ¹ (µg/L)	Detection Limit (µg/L)		alytical Iethod	_	ate lyzed
Trihalomethanes 524.2		•	LAB-ID#:	1829339	<u>-01</u>		
Total Trihalomethanes	127	80.0	0.5	EPA 524	.2	10/12	/2018
Bromoform	0.7		0.5	EPA 524	.2	10/12	2/2018
Chloroform	83.8		0.5	EPA 524	.2	10/12	/2018
Bromodichloromethane	33.6		0.5	EPA 524	.2	10/12	/2018
Dibromochloromethane	9.1		0.5	EPA 524	.2	10/12	2/2018
Surrogate Recoveries (A	24.1 and 524.2)	Compound		% Recovered	QC Li	mits (%)	
			1,2-dichlorobenzen	e-d4	86	70	130



Environmental Services Site Sampling **Data Auditing**

CERTIFICATE OF ANALYSIS

Neal Merritt Hanover Water Department 40 Pond Street Hanover, MA 02339 COLLECTED BY: D. Dietlin

TIME: 9:20 LOCATION: 70 Ponderosa Drive 10385

REPORTED:	10/17/2018
ORDER #:	G1829339
SAMPLE DATE:	10/3/2018
DATE RECEIVED:	10/3/2018
SAMPLE ID:	Special
DESCRIPTION:	DRINKING WATER

RESULTS OF ANALYSIS

	THESTERIS	OF AIGHLIDID					
Compound (regulated)	Result (µg/L)	MCL ¹ (µg/L)	Detection Limit (µg/L)		alytical Iethod	_	ate lyzed
Trihalomethanes 524.2	-		LAB-ID#:	1829339	-02		
Total Trihalomethanes	137	80.0	0.5	EPA 524	.2	10/12	/2018
Bromoform	0.7		0.5	EPA 524	.2	10/12	/2018
Chloroform	91.7		0.5	EPA 524	.2	10/12	/2018
Bromodichloromethane	34.8		0.5	EPA 524	.2	10/12	/2018
Dibromochloromethane	9.8		0.5	EPA 524	.2	10/12	/2018
Surrogate Recoveries (A	24.1 and 524.2)	Compound		% Recovered	QC Li	mits (%)	
			1,2-dichlorobenzen	e-d4	89	70	130
		4	4-bromofluorobenze	ene	87	70	130

Analytical Balance Corp., 422 West Grove Street, Middleboro, MA 02346 Ph: 508-946-2225



Environmental Services Site Sampling Data Auditing

CERTIFICATE OF ANALYSIS

Neal Merritt
Hanover Water Department
40 Pond Street
Hanover, MA 02339
COLLECTED BY: D. Dietlin
TIME: 10:50

LOCATION: 24 Rockland Street 1A

REPORTED :	10/17/2018
ORDER #:	G1829339
SAMPLE DATE:	10/3/2018
DATE RECEIVED:	10/3/2018
SAMPLE ID:	Special
DESCRIPTION:	DRINKING WATER

RESULTS OF ANALYSIS

Compound (regulated)	Result (µg/L)	MCL ¹ (µg/L)	Detection Limit (µg/L)		alytical Iethod		ate lyzed
Trihalomethanes 524.2			LAB-ID#:	1829339	-03		
Total Trihalomethanes	13	80.0	0.5	EPA 524	.2	10/12	/2018
Bromoform	1.0		0.5	EPA 524	.2	10/12	/2018
Chloroform	3.4		0.5	EPA 524	.2	10/12	/2018
Bromodichloromethane	3.9		0.5	EPA 524	.2	10/12	/2018
Dibromochloromethane	4.4		0.5	EPA 524	.2	10/12	/2018
Surrogate Recoveries (A	4.1 and 524.2)	Compound		% Recovered	QC Li	mits (%)	
			1,2-dichlorobenzen	e-d4	85	70	130
		4	4-bromofluorobenze	ene	79	70	130

ND = Not Detected

Approved By:_

(Lab Manager) / Date

1. These limits are maximum contaminant levels (MCL) as adopted by the Commonwealth of Massachusetts and represent the maximum acceptable level in drinking Water.

 PWS ID #: 4122000
 City/Town: HANOVER

 PWS Name:
 HANOVER WATER DEPT

 Primary Lab MA Cert #: M-MA022
 Primary Lab Name: ANALYTICAL BALANCE CORP

Data Check - Unsigned

PWS Class: COM

Location ID 10383	Location 925 CIRCUIT ST	- FIRE STATION #		e/ Special:	Collected By: R. FARLEY	Collection Date: 9/6/2018	0/R/C :	Resubmit Reason:	Original Collection
Sample Comme				o Iysis Comme			-		
					intə.		Sample ID: 821001		
Contaminant:		Result:	UOM:	MDL:	Analytical Method:	Analysis Date:	Analytical La	ab ID: Analyti	cal Lab:
MONOCHLORO	ACETIC ACID	2.3	UG/L	2	EPA 552.2	9/20/2018	- M-RI002	ESS LABORATOR	
DIBROMOACET	IC ACID	1.9	UG/L	1	EPA 552.2	9/20/2018	M-RI002	ESS LABORATOR	
TRICHLOROAC	ETIC ACID	3.8	UG/L	1	EPA 552.2	9/20/2018	M-RI002	ESS LABORATOR	
MONOBROMOA	CETIC ACID	ND	UG/L	1	EPA 552.2	9/20/2018	M-RI002	ESS LABORATOR	
DICHLOROACE	TIC ACID	4.0	UG/L	1	EPA 552.2	9/20/2018	M-RI002	ESS LABORATOR	
	CIDS	12	UG/L	1	EPA 552.2	9/20/2018	M-RI002	ESS LABORATOR	
Location ID	Location		Routin	e/ Special:	Collected By:	Collection Date:	0/R/C:	Resubmit Reason:	Original Collection:
10385	70 PONDEROSA		R	S	R. FARLEY	9/6/2018	0		3
Sample Comme	nts:		Anal	ysis Comme	nts:	Lab S	Sample ID:		
							321002		
Contaminant:		Result:	JOM:	MDL:	Analytical Method:	Analysis Date:	Analytical La	ab ID: Analytic	al Lab:
MONOCHLORO	ACETIC ACID	ND	UG/L	2	EPA 552.2	9/20/2018	M-RI002	ESS LABORATOR	Y
DIBROMOACET	IC ACID	2.0	UG/L	1	EPA 552.2	9/20/2018	M-RI002	ESS LABORATOR	Ý
TRICHLOROACE	ETIC ACID	4.2	UG/L	1	EPA 552.2	9/20/2018	M-R1002	ESS LABORATOR	Ý
MONOBROMOA	CETIC ACID	ND	UG/L	1	EPA 552.2	9/20/2018	M-RI002	ESS LABORATOR	
DICHLOROACE	FIC ACID	4.5	UG/L	1	EPA 552.2	9/20/2018	M-RI002	ESS LABORATOR	
		11	UG/L	1	EPA 552.2	9/20/2018	M-RI002	ESS LABORATOR	
Location ID	Location		Routin	e/ Special:	Collected By:	Collection Date:	O/R/C:	Resubmit Reason:	Original Collection:
10388	33 ROCKLAND S FITNESS	T - HANOVER	R	S	R. FARLEY	9/6/2018	О		•
Sample Comme	nts:		Anal	ysis Comme	nts:	Lab S	ample ID:		
						1828	21003		
//S = Multiple or S	Single sources repres	ented in sample site	э.		PWS ID #: 4	122000		10/2/2018 9:20	:23 AM
VS = Distribution	or Source sample site shed water sample sit	ə.			PWS Name: H	ANOVER WATER DEPT	-		
ADL = Method De	stred water sample sit	e.						Page 1 d	of 2
JOM = Unit of Me									

Haloacetic Acids Report

Data Check - Unsigned

		-									
Contaminant:		Result:	UOM:	MDL:	Analytical Method:	Analysis Date:	Analytical La	b ID: Analytical	Lab:		
MONOCHLORC	ACETIC ACID	3.8	UG/L	2	EPA 552.2	9/20/2018	M-RI002	ESS LABORATORY			
DIBROMOACET	IC ACID	2.4	UG/L	1	EPA 552.2	9/20/2018	M-RI002	ESS LABORATORY			
TRICHLOROAC	ETIC ACID	4.4	UG/L	1	EPA 552.2	9/20/2018	M-RI002	ESS LABORATORY			
MONOBROMOA	CETIC ACID	· ND	UG/L	1	EPA 552.2	9/20/2018	M-RI002	ESS LABORATORY			
DICHLOROACE	TIC ACID	3.1	UG/L	1	EPA 552.2	9/20/2018	M-R1002	ESS LABORATORY			
HALOACETIC A	CIDS	14	UG/L	1	EPA 552.2	9/20/2018	M-R1002	ESS LABORATORY			
Location ID	Location		Routin	e/ Special:	Collected By:	Collection Date:	0/R/C:	Resubmit Reason: 0	Driginal Collection:		
10387	2060 WASHING INFINITY	TON ST - PRIME	R	6	R. FARLEY	9/6/2018	О				
Sample Comments:			Analysis Comments:				Lab Sample ID:				
						182	821004				
Contaminant:		Result:	UOM:	MDL:	Analytical Method:	Analysis Date:	Analytical La	b ID: Analytical	Lab:		
MONOCHLORO	ACETIC ACID	ND	UG/L	2	EPA 552.2	9/20/2018	M-RI002	ESS LABORATORY			
DIBROMOACET	IC ACID	2.0	UG/L	1	EPA 552.2	9/20/2018	M-RI002	ESS LABORATORY			
TRICHLOROAC	ETIC ACID	3.8	UG/L	1	EPA 552.2	9/20/2018	M-RI002	ESS LABORATORY			
MONOBROMOA	CETIC ACID	ND	UG/L	1	EPA 552.2	9/20/2018	M-RI002	ESS LABORATORY			
						0.000.000.10					
DICHLOROACE	TIC ACID	2.5	UG/L	1	EPA 552.2	9/20/2018	M-RI002	ESS LABORATORY			

EDEP Transaction ID: 1052455

M/S = Multiple or Single sources represented in sample site. D/S = Distribution or Source sample site.

R/F = Raw or Finished water sample site.

MDL = Method Detection Limit.

UOM = Unit of Measurement.

O/R/C = Original submittal or Resubmitted submittal or Confirmation sample.

PWS ID #: 4122000 PWS Name: HANOVER WATER DEPT

10/2/2018 9:20:23 AM

Page 2 of 2

Trihalomethane Report

PWS ID #: 4122000City/Town: HANOVERPWS Name:HANOVER WATER DEPT

Primary Lab MA Cert #: M-MA022 Primary Lab Name: ANALYTICAL BALANCE CORP

Data Check - Unsigned

PWS Class: COM

Location ID				•	Collected By:	Collection Date:	O/R/C:	Resubmit Reason:	Original Collection:
10383	925 CIRCUIT ST -	FIRE STATION #			R. FARLEY	9/6/2018	0		
Sample Comme	ents:		Anal	ysis Comme	ents:	Lab Sa	ampie ID:		
						1828	21001	_	
Contaminant:		Result:	UOM:	MDL:	Analytical Method:	Analysis Date:	Analytical I	Lab ID: Analy	ytical Lab:
BROMODICHLC	ROMETHANE	35.9	UG/L	0.5	EPA 524.2	9/10/2018	M-MA022	ANALYTICAL BA	ALANCE CORP
BROMOFORM		7.4	UG/L	0.5	EPA 524.2	9/10/2018	M-MA022	ANALYTICAL BA	ALANCE CORP
CHLOROFORM		24.1	UG/L	0.5	EPA 524.2	9/10/2018	M-MA022	ANALYTICAL BA	ALANCE CORP
DIBROMOCHLO	ROMETHANE	35.9	UG/L	0.5	EPA 524.2	9/10/2018	M-MA022	ANALYTICAL BA	
	OMETHANES	103	UG/L	0.5	EPA 524.2	9/10/2018	M-MA022	ANALYTICAL BA	
Location ID	Location		Routi	ne/ Special:	Collected By:	Collection Date:	0/R/C:	Resubmit Reason:	Original Collection:
10385	70 PONDEROSA		RS		R. FARLEY	9/6/2018	0		
Sample Comme	nts:		Anal	ysis Comme	ents:	Lab Sa	ample ID:		
	-					18282	21002		
Contaminant:		Result:	UOM:	MDL:	Analytical Method:	Analysis Date:	Analytical L	Lab ID: Analy	/tical Lab:
BROMODICHLC	ROMETHANE	35.4	UG/L	0.5	EPA 524.2	9/10/2018	M-MA022	ANALYTICAL BA	LANCE CORP
BROMOFORM 7.2		7.2	UG/L	0.5	EPA 524.2	9/10/2018	M-MA022	ANALYTICAL BALANCE CORP	
CHLOROFORM 24.0		24.0	UG/L	0.5	EPA 524.2	9/10/2018	M-MA022	ANALYTICAL BALANCE CORP	
DIBROMOCHLC	ROMETHANE	35.7	UG/L	0.5	EPA 524.2	9/10/2018	M-MA022	ANALYTICAL BA	LANCE CORP
	DMETHANES	102	UG/L	0.5	EPA 524.2	9/10/2018	M-MA022	ANALYTICAL BA	
Location ID	Location		Routi	ne/ Special:	Collected By:	Collection Date:	0/R/C:	Resubmit Reason:	Original Collection:
10388	33 ROCKLAND ST FITNESS	- HANOVER	RS		R. FARLEY	9/6/2018	0		-
Sample Comme	nts:		Anal	ysis Comme	ents:	Lab Sa	ample ID:		
						18282			
Contaminant:		Result: I	JOM:	MDL:	Analytical Method:	Analysis Date:	Analytical L	_ab ID: Analy	rtical Lab:
ROMODICHLO	ROMETHANE	35.6	UG/L	0.5	EPA 524.2	9/10/2018	M-MA022	ANALYTICAL BA	LANCE CORP
BROMOFORM		7.5	UG/L	0.5	EPA 524.2	9/10/2018	M-MA022	ANALYTICAL BA	
S = Multiple or	Single sources represe	ented in sample site	e.		PWS ID #:	4122000		10/2/2018 9:	20:24 AM
					PWS Name:	HANOVER WATER DEPT			1 of 2

UOM = Unit of Measurement.

Trihalomethane Report

Data Check - Unsigned

								CR UIISIY	lieu		
CHLOROFORM		23.7	UG/L	0.5	EPA 524.2	9/10/2018	M-MA022	ANALYTICAL B	ALANCE CORP		
DIBROMOCHLO	ROMETHANE	36.6	UG/L	0.5	EPA 524.2	9/10/2018	M-MA022	ANALYTICAL B	ALANCE CORP		
TOTAL TRIHALOMETHANES 103			UG/L	0.5	EPA 524.2	9/10/2018	M-MA022	ANALYTICAL BA	ALANCE CORP		
Location ID	Location		Routii	ne/ Special:	Collected By:	Collection Date:	O/R/C:	Resubmit Reason:	Original Collection:		
10387	2060 WASHING INFINITY	TON ST - PRIME	RS		R. FARLEY	9/6/2018	ο		·		
Sample Comments: Analysis Comments:				ents:	Lab Sample ID:						
						182	2821004				
Contaminant:		Result:	UOM:	MDL:	Analytical Method:	Analysis Date:	Analytical L	ab ID: Analy	/tical Lab:		
BROMODICHLO	ROMETHANE	36.1	UG/L	0.5	EPA 524.2	9/10/2018	M-MA022	ANALYTICAL BA	LANCE CORP		
BROMOFORM		8.0	UG/L	0.5	EPA 524.2	9/10/2018	M-MA022	ANALYTICAL BA			
CHLOROFORM		23.4	UG/L	0.5	EPA 524.2	9/10/2018	M-MA022	ANALYTICAL BA			
	ROMETHANE	36.8	UG/L	0.5	EPA 524.2	9/10/2018	M-MA022	ANALYTICAL BA			
JIBROWOCHLO											

EDEP Transaction ID: 1052455

M/S = Multiple or Single sources represented in sample site. D/S = Distribution or Source sample site. R/F = Raw or Finished water sample site. MDL = Method Detection Limit.

UOM = Unit of Measurement.

O/R/C = Original submittal or Resubmitted submittal or Confirmation sample.

PWS ID #: 4122000 PWS Name: HANOVER WATER DEPT

10/2/2018 9:20:24 AM

Page 2 of 2

 PWS ID #: 4122000
 City/Town: HANOVER

 PWS Name:
 HANOVER WATER DEPT

 Primary Lab MA Cert #: M-MA022
 Primary Lab Name: ANALYTICAL BALANCE CORP

Data Check - Unsigned

PWS Class: COM

Location ID 10383	Location	- FIRE STATION #3		e/ Special:	Collected By:	Collection Date:	O/R/C:	Resubmit Reason:	Original Collection
		- FIRE STATION #3		-	D. DIETLIN	12/4/2018	0		
Sample Comments:			Anal	ysis Comme	nts:		ample ID:		
Contaminant:		Result:					31601		
			UOM:	MDL:	Analytical Method:	Analysis Date:	Analytical L	ab ID: Analytic	al Lab:
MONOCHLORC		ND	ÚG/L	2	EPA 552.2	12/14/2018	M-RI002	ESS LABORATOR	Y
DIBROMOACE1		ND	UG/L	1	EPA 552.2	12/14/2018	M-RI002	ESS LABORATORY	ſ
TRICHLOROAC		4.4	UG/L	1	EPA 552.2	12/14/2018	M-RI002	ESS LABORATORY	(e
MONOBROMO		ND	UG/L	1	EPA 552.2	12/14/2018	M-RI002	ESS LABORATOR	(
DICHLOROACE		3.4	UG/L	1	EPA 552.2	12/14/2018	M-RI002	ESS LABORATORY	(
HALOACETIC A	.cids 	7.8	UG/L	1	EPA 552.2	12/14/2018	M-RI002	ESS LABORATOR	(
Location ID	Location		Routine	e/ Special:	Collected By:	Collection Date:	0/R/C:	Resubmit Reason:	Original Collection
10385	70 PONDEROSA		RS	6	D. DIETLIN	12/4/2018	ο		-
Sample Comme	ents:		Anal	ysis Comme	nts:	Lab S	ample ID:		
			-			31602			
Contaminant:		Result: L	JOM:	MDL:	Analytical Method:	Analysis Date:	Analytical La	ab ID: Analytic	ai Lab:
MONOCHLORO	ACETIC ACID	ND	UG/L	2	EPA 552.2	12/14/2018	M-RI002	ESS LABORATORY	
DIBROMOACET	IC ACID	ND	UG/L	1	EPA 552.2	12/14/2018	M-RI002	ESS LABORATORY	
TRICHLOROAC	ETIC ACID	4.8	UG/L	1	EPA 552.2	12/14/2018	M-RI002	ESS LABORATORY	
MONOBROMOACETIC ACID		ND	UG/L	1	EPA 552.2	12/14/2018	M-RI002	ESS LABORATORY	
DICHLOROACETIC ACID		3.1	UG/L	1	EPA 552.2	12/14/2018	M-RI002	ESS LABORATORY	
HALOACETIC A	CIDS	7.9	UG/L	1	EPA 552.2	12/14/2018	M-RI002	ESS LABORATORY	
Location ID	Location		Routine	 e/ Special:	Collected By:	Collection Date:	0/R/C:	Resubmit Reason:	Original Collection
10389	24 ROCKLAND S UNIT 8	T - ATLANTIC SYS.	RS	;	D. DIETLIN	12/4/2018	0		engina eencetten
Sample Comments: Analysis Comme			ts: Lab Sample ID:						
							31603		
/S = Multiple or	Single sources repres	ented in sample site			PWS ID #:	4122000			
<pre>/S = Distribution</pre>	or Source sample site).						12/26/2018 9:0	0:13 AM
	shed water sample site	e.			PWS Name:	HANOVER WATER DEPT		Page 1 o	f 2

UOM = Unit of Measurement.

Haloacetic Acids Report

Data Check - Unsigned

Contaminant:		UOM:	MDL:	Analytical Method:	Analysis Date:	Analytical La	b ID: Analytical Lab:		
CETIC ACID	ND	UG/L	2	EPA 552.2	12/14/2018	M-R1002	ESS LABORATORY		
CACID	2.2	UG/L	1	EPA 552.2	12/14/2018		ESS LABORATORY		
TIC ACID	1.5	UG/L	1	EPA 552.2	12/14/2018	M-R1002	ESS LABORATORY		
ETIC ACID	ND	UG/L	1	EPA 552.2	12/14/2018	M-RI002	ESS LABORATORY		
DICHLOROACETIC ACID 2.1		UG/L	1	EPA 552.2	12/14/2018		ESS LABORATORY		
HALOACETIC ACIDS		UG/L	1	EPA 552.2	12/14/2018	M-RI002	ESS LABORATORY		
Location		Routine	e/ Special:	Collected By:	Collection Date:		Resubmit Reason: Original Collection:		
2060 WASHING	STON ST - PRIME	RS	3	D. DIETLIN	12/4/2018	0			
Sample Comments:		Analysis Comments:				Lab Sample ID:			
					1831	31604			
Contaminant:		UOM:	MDL:	Analytical Method:	Analysis Date:	Analytical La	DID: Analytical Lab:		
MONOCHLOROACETIC ACID		UG/L	2	EPA 552.2	12/14/2018	M-RI002	ESS LABORATORY		
DIBROMOACETIC ACID		UG/L	1	EPA 552.2	12/14/2018		ESS LABORATORY		
TRICHLOROACETIC ACID		UG/L	4	EPA 552.2	12/14/2018		ESS LABORATORY		
MONOBROMOACETIC ACID		UG/L	1	EPA 552.2	12/14/2018		ESS LABORATORY		
DICHLOROACETIC ACID		1100			1011110010		ESS LABORATORY		
C ACID	13.5	UG/L	1	EPA 552.2	12/14/2018	M-R1002	ESS LABORATORY		
	ACID FIC ACID ETIC ACID C ACID DS Location 2060 WASHING INFINITY S: CETIC ACID ACID IC ACID ETIC ACID	ACID 2.2 FIC ACID 1.5 ETIC ACID ND C ACID 2.1 DS 5.8 Location 2060 WASHINGTON ST - PRIME INFINITY S: Result: CETIC ACID ND ACID 2.6 IC ACID 17.7 ETIC ACID ND	CETIC ACID ND UG/L ACID 2.2 UG/L TIC ACID 1.5 UG/L ETIC ACID ND UG/L C ACID 2.1 UG/L DS 5.8 UG/L Location Routing 2060 WASHINGTON ST - PRIME RS INFINITY S: Analy CETIC ACID ND UG/L ACID 2.6 UG/L IC ACID 17.7 UG/L ETIC ACID ND UG/L	CETIC ACID ND UG/L 2 CACID 2.2 UG/L 1 TIC ACID 1.5 UG/L 1 ETIC ACID ND UG/L 1 ETIC ACID ND UG/L 1 ETIC ACID ND UG/L 1 C ACID 2.1 UG/L 1 DS 5.8 UG/L 1 Location Routine/ Special: 2060 WASHINGTON ST - PRIME RS 2060 WASHINGTON ST - PRIME RS	CETIC ACID ND UG/L 2 EPA 552.2 ACID 2.2 UG/L 1 EPA 552.2 TIC ACID 1.5 UG/L 1 EPA 552.2 ETIC ACID ND UG/L 1 EPA 552.2 ETIC ACID ND UG/L 1 EPA 552.2 ETIC ACID ND UG/L 1 EPA 552.2 C ACID 2.1 UG/L 1 EPA 552.2 DS 5.8 UG/L 1 EPA 552.2 DS 5.8 UG/L 1 EPA 552.2 2060 WASHINGTON ST - PRIME INFINITY RS D. DIETLIN s: Analysis Comments: D. DIETLIN s: Analysis Comments: CETIC ACID ND UG/L 2 EPA 552.2 ACID 2.6 UG/L 1 EPA 552.2 2 ACID 2.6 UG/L 1 EPA 552.2 2 IC ACID 17.7 UG/L 4 EPA 552.2 2	CETIC ACID ND UG/L 2 EPA 552.2 12/14/2018 CACID 2.2 UG/L 1 EPA 552.2 12/14/2018 TIC ACID 1.5 UG/L 1 EPA 552.2 12/14/2018 ETIC ACID 1.5 UG/L 1 EPA 552.2 12/14/2018 ETIC ACID ND UG/L 1 EPA 552.2 12/14/2018 C ACID 2.1 UG/L 1 EPA 552.2 12/14/2018 DS 5.8 UG/L 1 EPA 552.2 12/14/2018 Location 2.1 UG/L 1 EPA 552.2 12/14/2018 Location Routine/ Special: Collected By: Collection Date: 2060 WASHINGTON ST - PRIME RS D. DIETLIN 12/4/2018 s: Analysis Comments: Lab S 1NFINITY S Analysis Comments: Lab S 2060 WASHINGTON ST - PRIME MDL: Analysis Date: 1831 S: Analysis Comments: Lab S 1831 CETIC ACID ND UG/L 2 EPA 552.2 1	CETIC ACID ND UG/L 2 EPA 552.2 12/14/2018 M-RI002 ACID 2.2 UG/L 1 EPA 552.2 12/14/2018 M-RI002 I'IC ACID 1.5 UG/L 1 EPA 552.2 12/14/2018 M-RI002 I'IC ACID 1.5 UG/L 1 EPA 552.2 12/14/2018 M-RI002 ETIC ACID ND UG/L 1 EPA 552.2 12/14/2018 M-RI002 C ACID 2.1 UG/L 1 EPA 552.2 12/14/2018 M-RI002 DS 5.8 UG/L 1 EPA 552.2 12/14/2018 M-RI002 DS 5.8 UG/L 1 EPA 552.2 12/14/2018 M-RI002 Cotion State ND UG/L 1 EPA 552.2 12/14/2018 0 INFINITY Rs D. DIETLIN 12/4/2018 0 1 183131604 Cetto MD Kml MDL: Analytical Method: Analysis Date: Analytical Lat		

EDEP Transaction ID: 1073898

M/S = Multiple or Single sources represented in sample site. D/S = Distribution or Source sample site.

R/F = Raw or Finished water sample site.

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Trihalomethane Report

PWS ID #: 4122000 City/Town: HANOVER PWS Name: HANOVER WATER DEPT Primary Lab MA Cert #: M-MA022 Primary Lab Name: ANALYTICAL BALANCE CORP

Data Check - Unsigned

PWS Class: COM

Location ID 10383		ST - FIRE STATION #3		-		Collection Date:	0/R/C:	Resubmit Reason:	Original Collection:		
		ST - FIRE STATION #3			D. DIETLIN	12/4/2018	0				
Sample Comme	ents:		Analysis Comments:				Lab Sample ID:				
					· · · · · · · · · · · · · · · · · · ·	1831	31601				
Contaminant:		Result: U	IOM:	MDL:	Analytical Method:	Analysis Date:	Analytical I	Lab ID: Anal	ytical Lab:		
BROMODICHLO	DROMETHANE	30.4	UG/L	0.5	EPA 524.2	12/6/2018	M-MA022	ANALYTICAL B	ALANCE CORP		
BROMOFORM		3.3	UG/L	0.5	EPA 524.2	12/6/2018	M-MA022	ANALYTICAL BA	ALANCE CORP		
CHLOROFORM		59.0	UG/L	0.5	EPA 524.2	12/6/2018	M-MA022	ANALYTICAL B	ALANCE CORP		
DIBROMOCHLO	DROMETHANE	14.1	UG/L	0.5	EPA 524.2	12/6/2018	M-MA022	ANALYTICAL BA			
TOTAL TRIHAL	OMETHANES	107	UG/L	0.5	EPA 524.2	12/6/2018	M-MA022	ANALYTICAL BA			
Location ID	Location	*	Routi	ne/ Special:	Collected By:	Collection Date:	 O/R/C:	Resubmit Reason:	Original Collection:		
10385	70 PONDERC	DSA	RS		D. DIETLIN	12/4/2018	0				
Sample Comme	ents:		Anal	vsis Comme	ents:	Lab Sample ID:					
-							183131602				
Contaminant:		Result: U	OM:	MDL:	Analytical Method:	Analysis Date:	Analytical I	_ab ID: Analy	tical Lab:		
BROMODICHLO	ROMETHANE	35.5	UG/L	0.5	EPA 524.2	12/6/2018	M-MA022	ANALYTICAL BA			
BROMOFORM		3.6	UG/L	0.5	EPA 524.2	12/6/2018	M-MA022	ANALYTICAL BALANCE CORP			
CHLOROFORM		60.7	UG/L	0.5	EPA 524.2	12/6/2018	M-MA022	ANALYTICAL BALANCE CORP			
DIBROMOCHLO	DROMETHANE	17.2	UG/L	0.5	EPA 524.2	12/6/2018	M-MA022	ANALYTICAL BALANCE CORP			
TOTAL TRIHAL	OMETHANES	117	UG/L	0.5	EPA 524.2	12/6/2018	M-MA022	ANALYTICAL BA			
Location ID	Location		Routi	ne/ Special:	Collected By:	Collection Date:		Resubmit Reason:	Original Collection:		
10389	24 ROCKLAN UNIT 8	D ST - ATLANTIC SYS.	RS		D. DIETLIN	12/4/2018	0				
Sample Comments:			Anal	ysis Comme	nts:	Lab Sample ID:					
						18313	31603				
Contaminant:		Result: U	OM:	MDL:	Analytical Method:	Analysis Date:	Analytical L	ab ID: Analy	/tical Lab:		
BROMODICHLC	ROMETHANE	4.3	UG/L	0.5	EPA 524.2	12/7/2018	M-MA022	ANALYTICAL BA	LANCE CORP		
BROMOFORM		0.8	UG/L	0.5	EPA 524.2	12/7/2018	M-MA022	ANALYTICAL BA			
/S = Multiple or	Single sources rep	presented in sample site	•		PWS ID #:	4122000		12/26/2018 9			
/S = Distribution /F = Raw or Fin DL = Method D	or Source sample ished water sample etection Limit.	site. e site.			PWS Name:	HANOVER WATER DEPT			1 of 2		

UOM = Unit of Measurement.

Trihalomethane Report

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CHLOROFORM		3.5	UG/L	0.5	EPA 524.2	12/7/2018	M-MA022	ANALYTICAL BA	LANCE CORP	
DIBROMOCHLOROMETHANE		4.5	UG/L	0.5	EPA 524.2	12/7/2018	M-MA022	ANALYTICAL BA	LANCE CORP	
TOTAL TRIHALO	OMETHANES	13	UG/L	0.5	EPA 524.2	12/7/2018	M-MA022	ANALYTICAL BALANCE CORP		
Location ID Location		Routine/ Specia		ne/ Special:	Collected By:	Collection Date:	0/R/C:	Resubmit Reason:	Original Collection:	
10387	2060 WASHING INFINITY	STON ST - PRIME	RS		D. DIETLIN	12/4/2018	ο			
Sample Comments:			Analysis Comments:			Lab	Sample ID:	-		
					183	3131604				
Contaminant:		Result:	UOM:	MDL:	Analytical Method:	Analysis Date:	Analytical L	ab ID: Analy	tical Lab:	
BROMODICHLOROMETHANE		25.0	UG/L	0.5	EPA 524.2	12/6/2018	M-MA022	ANALYTICAL BA	LANCE CORP	
BROMOFORM		1.0	UG/L	0.5	EPA 524.2	12/6/2018	M-MA022	ANALYTICAL BA	LANCE CORP	
CHLOROFORM		36.0	UG/L	0.5	EPA 524.2	12/6/2018	M-MA022	ANALYTICAL BA	LANCE CORP	
DIBROMOCHLO	ROMETHANE	10.8	UG/L	0.5	EPA 524.2	12/6/2018	M-MA022	ANALYTICAL BA	LANCE CORP	
	DMETHANES	73	UG/L	0.5	EPA 524.2	12/6/2018	M-MA022	ANALYTICAL BA		

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PWS ID #: 4122000 PWS Name: HANOVER WATER DEPT

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