

**Bureau of Environmental Quality
Public Water Supply Stage II Trihalomethanes (THM) Sampling Report**

Westchester Joint Water Works
Name of Public Water Supply

**2024
4th Quarter Period**

Date of Sampling: 10/24/2024
Time of Sampling: 0800 Through 1100

Trihalomethanes (THM)	Disinfection Station Sampling Locations				Disinfection Station Sampling Locations				Disinfection Station Sampling Locations				Disinfection Station Sampling Locations			
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Bromodichloromethane (ug/L)	4.59	2.41	3.66	4.95	3.59	2.13	3.28	3.24	////	////	////	////	////	////	////	////
Bromoform (ug/L)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	////	////	////	////	////	////	////	////
Chloroform (ug/L)	48.40	21.20	30.20	52.40	29.60	16.40	25.00	26.30	////	////	////	////	////	////	////	////
Dibromochloromethane(ug/L)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	////	////	////	////	////	////	////	////
									////	////	////	////	////	////	////	////
Total Trihalomethanes (ug/L)	52.990	23.610	33.860	57.350	33.190	18.530	28.280	29.540								
Total Trihalomethanes (mg/L)	0.053	0.024	0.034	0.057	0.033	0.019	0.028	0.030								

Sampling Location #	Address of Sampling Location / (Sample Collection Point)	4th Quarter 2024		3rd Quarter 2024	2nd Quarter 2024	1st Quarter 2024	Current Four Quarter Rolling Average
		Cl2 Residual (mg/L)	THM (mg/L)	THM (mg/L)	THM (mg/L)	THM (mg/L)	THM (mg/L)
1	250 Westchester Ave (Hydrant P-14)	0.35	0.053	0.043	0.043	0.034	0.043
2	12 Beverly Rd (Hydrant No. 3577)	0.88	0.024	0.023	0.028	0.014	0.022
3	Hyatt House 101 Corporate Park Drive (Kitchen Sink)	0.57	0.034	0.042	0.030	0.030	0.034
4	1490 Old Orchard Rd (Hydrant No. 6001)	0.24	0.057	0.060	0.030	0.057	0.051
5	2 Lincoln Lane (Hydrant No. 3883)	0.67	0.033	0.036	0.029	0.021	0.030
6	Booster Station 4195 Purchase St (Lab Sink)	1.15	0.019	0.016	0.018	0.011	0.016
7	Staples Boston Post Rd (Bathroom Sink)	0.56	0.028	0.038	0.032	0.027	0.031
8	66 Bellevue Ave (Hydrant No. 3179)	0.86	0.030	0.031	0.031	0.020	0.028

<p><u>Lab Performing Analysis: Westchester County Dept of Labs</u></p> <p>Samples Approved 12/14/2024</p>	<p>Rolling Average MCL: 0.08 mg/L</p>
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**Bureau of Environmental Quality
Public Water Supply Stage II Haloacetic Acids (HAA5) Sampling Report**

Westchester Joint Water Works
Name of Public Water Supply

2024
4th Quarter Period

Date of Sampling: 10/24/2024
Time of Sampling: 0800 Through 1100

Haloacetic Acids (HAA5)	Disinfection Station Sampling Locations				Disinfection Station Sampling Locations				Disinfection Station Sampling Locations				Disinfection Station Sampling Locations			
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Dibromoacetic Acid (ug/L)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	////	////	////	////	////	////	////	////
Dichloroacetic Acid (ug/L)	1.71	11.10	10.10	1.70	10.00	13.00	6.99	13.00	////	////	////	////	////	////	////	////
Monochloroacetic Acid (ug/L)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	////	////	////	////	////	////	////	////
Trichloroacetic Acid (ug/L)	29.30	18.30	25.60	22.60	22.60	14.60	15.60	19.30	////	////	////	////	////	////	////	////
Monobromoacetic Acid (ug/L)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	////	////	////	////	////	////	////	////
									////	////	////	////	////	////	////	////
Total Haloacetic Acids (ug/L)	31.010	29.400	35.700	24.300	32.600	27.600	22.590	32.300								
Total Haloacetic Acids (mg/L)	0.031	0.029	0.036	0.024	0.033	0.028	0.023	0.032								

Sampling Location #	Address of Sampling Location / (Sample Collection Point)	4th Quarter 2024		3rd Quarter 2024	2nd Quarter 2024	1st Quarter 2024	Current Four Quarter Rolling Average HAA5 (mg/L)	
		Cl2 Residual (mg/L)	HAA5 (mg/L)	HAA5 (mg/L)	HAA5 (mg/L)	HAA5 (mg/L)		
1	250 Westchester Ave (Hydrant P-14)		0.35	0.031	0.032	0.037	0.044	0.036
2	12 Beverly Rd (Hydrant No. 3577)		0.88	0.029	0.037	0.040	0.032	0.035
3	Hyatt House 101 Corporate Park Drive (Kitchen Sink)		0.57	0.036	0.036	0.040	0.036	0.037
4	1490 Old Orchard Rd (Hydrant No. 6001)		0.24	0.024	0.026	0.040	0.000	0.023
5	2 Lincoln Lane (Hydrant No. 3883)		0.67	0.033	0.041	0.047	0.036	0.039
6	Booster Station 4195 Purchase St (Lab Sink)		1.15	0.028	0.027	0.036	0.028	0.030
7	Staples Boston Post Rd (Bathroom Sink)		0.56	0.023	0.032	0.052	0.043	0.038
8	66 Bellevue Ave (Hydrant No. 3179)		0.86	0.032	0.034	0.041	0.034	0.035

Lab Performing Analysis: Westchester County Dept of Labs
Samples Approved 12/14/2024

Rolling Average MCL: 0.06 mg/L

REPORT OF ANALYSIS

Westchester County Department of Labs and Research

10 Dana Road Valhalla, New York 10595

Sample Location : P-14
250 WESTCHESTER AVE
W. HARRISON, NY

Received By : LG JLM
Bottle No : K7440 7441 7442 FB0285 T975

Collection Point : HYDRANT

Collected By : GIRILLO
Collection Date : 10/24/2024 AT 09:15:00
Submitted On : 10/24/2024 AT 11:55:00

ID of Source : NYC

Agency : Westchester Joint Water Works
1625 Mamaroneck Avenue
Mamaroneck, NY 10543
Attn: Frank Arcara

PWS No. : 5903435
Type Descriptor : 022 Source ID : 000
pH : 7.30
Free Cl2 : .35 Residual Cl2 :

add'l Report To :

Sample chilled on arrival ? : YES
Sample Type : POT_DW
Comment : 4TH QUARTER
TEMP 16.0 C

Method	Test Description	Results	Qualifier	Units	DL/LOQ	Analyzed on	Validator
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Organics

Volatile Organic Compounds

EPA 524.2	*THM-Bromodichloromethane	4.59		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	*THM-Bromoform	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	*THM-Chloroform	48.4		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	*THM-Dibromochloromethane	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	1,1,1- Trichloroethane	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	1,1,1,2-Tetrachloroethane	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	1,1,2,2-Tetrachloroethane	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	1,1,2-Trichloroethane	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	1,1-Dichloroethane	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	1,1-Dichloroethene	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	1,1-Dichloropropene	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	1,2,3-Trichlorobenzene	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	1,2,3-Trichloropropane	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	1,2,4-Trichlorobenzene	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	1,2,4-Trimethylbenzene	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	1,2-Dichlorobenzene	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	1,2-Dichloroethane	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	1,2-Dichloropropane	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	1,3,5-Trimethylbenzene	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	1,3-Dichlorobenzene	< LOQ		ug/L	0.50	11/07/2024	GZ2

DL = Detection Limit

LOQ = Limit of Quantitation

E=value is an estimate

H = exceeds holding time

Approved By **Robert Hilbrandt Jr.**

Chief of Env. Lab Services

Date Approved : 12/14/2024

Environmental Laboratories
NYS ELAP # 10108
(914) 231-1620

Report Number: 5591

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Sample No. **BA20053**

Method	Test Description	Results	Qualifier	Units	DL/LOQ	Analyzed on	Validator
EPA 524.2	1,3-Dichloropropane	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	1,4-Dichlorobenzene	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	2,2-Dichloropropane	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	2-Chlorotoluene	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	4-Chlorotoluene	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	Benzene	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	Bromobenzene	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	Bromochloromethane	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	Bromomethane	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	Carbon tetrachloride	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	Chlorobenzene	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	Chloroethane	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	Chloromethane	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	cis-1,2-Dichloroethene	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	cis-1,3-Dichloropropene	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	Dibromomethane	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	Dichlorodifluoromethane	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	Ethylbenzene	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	Hexachlorobutadiene	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	Isopropylbenzene	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	MEK(not certified by NYSDOH)	< LOQ		ug/L	2.00	11/07/2024	GZ2
EPA 524.2	Methyl tert-butyl ether	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	Methylene Chloride	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	MIBK(not certified by NYSDOH)	< LOQ		ug/L	2.00	11/07/2024	GZ2
EPA 524.2	Naphthalene	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	N-Butylbenzene	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	n-Propylbenzene	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	o-Xylene	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	p & m-Xylene	< LOQ		ug/L	1.00	11/07/2024	GZ2
EPA 524.2	p-Isopropyltoluene	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	sec-Butylbenzene	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	Styrene	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	tert-Butylbenzene	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	Tetrachloroethene	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	Toluene	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	trans-1,2-Dichloroethene	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	trans-1,3-Dichloropropene	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	Trichloroethene	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	Trichlorofluoromethane	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	Vinyl chloride	< LOQ		ug/L	0.50	11/07/2024	GZ2

DL = Detection Limit

LOQ = Limit of Quantitation

E=value is an estimate

H = exceeds holding time

Approved By **Robert Hilbrandt Jr.**

Chief of Env. Lab Services

Date Approved : 12/14/2024

Environmental Laboratories
 NYS ELAP # 10108
 (914) 231-1620

Report Number: 5591

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Sample No. **BA20053**

Method	Test Description	Results	Qualifier	Units	DL/LOQ	Analyzed on	Validator
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The recovery of p-Isopropyltoluene was below the acceptable QC criteria in the daily calibration check. Established low bias on <LOQ results renders the analytical data suspect.

The recoveries of 1,2,4-trichlorobenzene, Hexachlorobutadiene, Naphthalene, and 1,2,3-trichlorobenzene were higher than the acceptable QC criteria in the LLCCV. Established high bias on <LOQ results are valid to report.

The recovery of 1,2,4-trichlorobenzene was higher than the acceptable QC criteria in the closing calibration check. Established high bias on <LOQ results are valid to report.

DN 11/13/24

Haloacetic Acids

EPA 552.2	Bromochloroacetic Acid	< LOQ		ug/L	1.00	11/07/2024	GZ2
EPA 552.2	Dibromoacetic Acid	< LOQ		ug/L	1.00	11/07/2024	GZ2
EPA 552.2	Dichloroacetic Acid	1.71		ug/L	1.00	11/07/2024	GZ2
EPA 552.2	Monobromoacetic Acid	< LOQ		ug/L	1.00	11/07/2024	GZ2
EPA 552.2	Monochloroacetic Acid	< LOQ		ug/L	2.00	11/07/2024	GZ2
EPA 552.2	Trichloroacetic Acid	29.3		ug/L	1.00	11/07/2024	GZ2

DL = Detection Limit

LOQ = Limit of Quantitation

E=value is an estimate

H = exceeds holding time

Approved By **Robert Hilbrandt Jr.**

Chief of Env. Lab Services

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REPORT OF ANALYSIS

Westchester County Department of Labs and Research

10 Dana Road Valhalla, New York 10595

Sample Location : HYD #3577
 BEVERLY RD
 HARRISON, NY

Received By : LG JLM
 Bottle No : T996 K7395 7396 7397 FB0285

Collection Point : HYDRANT

Collected By : GIRILLO
 Collection Date : 10/24/2024 AT 10:10:00
 Submitted On : 10/24/2024 AT 11:55:00

ID of Source : NYC

Agency : Westchester Joint Water Works
 1625 Mamaroneck Avenue
 Mamaroneck, NY 10543
 Attn: Frank Arcara

PWS No. : 5903435
 Type Descriptor : 022 Source ID : 000
 pH : 7.40
 Free Cl2 : .88 Residual Cl2 :

add'l Report To :

Sample chilled on arrival ? : YES
 Sample Type : POT_DW
 Comment :4TH QUARTER
 TEMP 16.5 C

Method	Test Description	Results	Qualifier	Units	DL/LOQ	Analyzed on	Validator
Organics							
Volatile Organic Compounds							
EPA 524.2	*THM-Bromodichloromethane	2.41		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	*THM-Bromoform	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	*THM-Chloroform	21.2		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	*THM-Dibromochloromethane	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	1,1,1- Trichloroethane	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	1,1,1,2-Tetrachloroethane	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	1,1,2,2-Tetrachloroethane	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	1,1,2-Trichloroethane	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	1,1-Dichloroethane	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	1,1-Dichloroethene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	1,1-Dichloropropene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	1,2,3-Trichlorobenzene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	1,2,3-Trichloropropane	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	1,2,4-Trichlorobenzene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	1,2,4-Trimethylbenzene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	1,2-Dichlorobenzene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	1,2-Dichloroethane	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	1,2-Dichloropropane	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	1,3,5-Trimethylbenzene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	1,3-Dichlorobenzene	< LOQ		ug/L	0.50	11/07/2024	GZZ

DL = Detection Limit

LOQ = Limit of Quantitation

E=value is an estimate

H = exceeds holding time

Approved By **Robert Hilbrandt Jr.**

Chief of Env. Lab Services

Date Approved : 12/14/2024

Environmental Laboratories
 NYS ELAP # 10108
 (914) 231-1620

Report Number: 5591

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Sample No. **BA20049**

Method	Test Description	Results	Qualifier	Units	DL/LOQ	Analyzed on	Validator
EPA 524.2	1,3-Dichloropropane	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	1,4-Dichlorobenzene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	2,2-Dichloropropane	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	2-Chlorotoluene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	4-Chlorotoluene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	Benzene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	Bromobenzene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	Bromochloromethane	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	Bromomethane	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	Carbon tetrachloride	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	Chlorobenzene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	Chloroethane	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	Chloromethane	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	cis-1,2-Dichloroethene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	cis-1,3-Dichloropropene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	Dibromomethane	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	Dichlorodifluoromethane	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	Ethylbenzene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	Hexachlorobutadiene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	Isopropylbenzene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	MEK(not certified by NYSDOH)	< LOQ		ug/L	2.00	11/07/2024	GZZ
EPA 524.2	Methyl tert-butyl ether	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	Methylene Chloride	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	MIBK(not certified by NYSDOH)	< LOQ		ug/L	2.00	11/07/2024	GZZ
EPA 524.2	Naphthalene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	N-Butylbenzene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	n-Propylbenzene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	o-Xylene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	p & m-Xylene	< LOQ		ug/L	1.00	11/07/2024	GZZ
EPA 524.2	p-Isopropyltoluene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	sec-Butylbenzene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	Styrene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	tert-Butylbenzene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	Tetrachloroethene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	Toluene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	trans-1,2-Dichloroethene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	trans-1,3-Dichloropropene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	Trichloroethene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	Trichlorofluoromethane	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	Vinyl chloride	< LOQ		ug/L	0.50	11/07/2024	GZZ

DL = Detection Limit

LOQ = Limit of Quantitation

E=value is an estimate

H = exceeds holding time

Approved By **Robert Hilbrandt Jr.**

Chief of Env. Lab Services

Date Approved :

12/14/2024

Environmental Laboratories
 NYS ELAP # 10108
 (914) 231-1620

Report Number: 5591

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Sample No. **BA20049**

Method	Test Description	Results	Qualifier	Units	DL/LOQ	Analyzed on	Validator
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The recovery of p-Isopropyltoluene was below the acceptable QC criteria in the daily calibration check. Established low bias on <LOQ results renders the analytical data suspect.

The recoveries of 1,2,4-trichlorobenzene, Hexachlorobutadiene, Naphthalene, and 1,2,3-trichlorobenzene were higher than the acceptable QC criteria in the LLCCV. Established high bias on <LOQ results are valid to report.

The recovery of 1,2,4-trichlorobenzene was higher than the acceptable QC criteria in the closing calibration check. Established high bias on <LOQ results are valid to report.

DN 11/13/24

Haloacetic Acids

EPA 552.2	Bromochloroacetic Acid	< LOQ		ug/L	1.00	11/06/2024	GZ2
EPA 552.2	Dibromoacetic Acid	< LOQ		ug/L	1.00	11/06/2024	GZ2
EPA 552.2	Dichloroacetic Acid	11.1		ug/L	1.00	11/06/2024	GZ2
EPA 552.2	Monobromoacetic Acid	< LOQ		ug/L	1.00	11/06/2024	GZ2
EPA 552.2	Monochloroacetic Acid	< LOQ		ug/L	2.00	11/06/2024	GZ2
EPA 552.2	Trichloroacetic Acid	18.3		ug/L	1.00	11/06/2024	GZ2

DL = Detection Limit

LOQ = Limit of Quantitation

E=value is an estimate

H = exceeds holding time

Approved By **Robert Hilbrandt Jr.**

Chief of Env. Lab Services

Date Approved : 12/14/2024

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Report Number: 5591

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REPORT OF ANALYSIS

Westchester County Department of Labs and Research

10 Dana Road Valhalla, New York 10595

Sample Location : HYATT HOUSE
101 CORP PARK DR
HARRISON, NY

Received By : LG JLM
Bottle No : K7371 7372 7373 FB0285 T958

Collection Point : SAMPLE STATION PORT

Collected By : GIRILLO
Collection Date : 10/24/2024 AT 08:55:00
Submitted On : 10/24/2024 AT 11:55:00

ID of Source : NYC

Agency : Westchester Joint Water Works
1625 Mamaroneck Avenue
Mamaroneck, NY 10543
Attn: Frank Arcara

PWS No. : 5903435
Type Descriptor : 022 Source ID : 000
pH : 7.30
Free Cl2 : .57 Residual Cl2 :

Sample chilled on arrival ? : YES

Sample Type : POT_DW

add'l Report To :

Comment : 4TH QUARTER
TEMP 16.5 C

Method	Test Description	Results	Qualifier	Units	DL/LOQ	Analyzed on	Validator
Organics							
<i>Volatile Organic Compounds</i>							
EPA 524.2	*THM-Bromodichloromethane	3.66		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	*THM-Bromoform	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	*THM-Chloroform	30.2		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	*THM-Dibromochloromethane	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	1,1,1- Trichloroethane	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	1,1,1,2-Tetrachloroethane	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	1,1,2,2-Tetrachloroethane	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	1,1,2-Trichloroethane	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	1,1-Dichloroethane	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	1,1-Dichloroethene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	1,1-Dichloropropene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	1,2,3-Trichlorobenzene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	1,2,3-Trichloropropane	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	1,2,4-Trichlorobenzene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	1,2,4-Trimethylbenzene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	1,2-Dichlorobenzene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	1,2-Dichloroethane	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	1,2-Dichloropropane	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	1,3,5-Trimethylbenzene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	1,3-Dichlorobenzene	< LOQ		ug/L	0.50	11/07/2024	GZZ

DL = Detection Limit

LOQ = Limit of Quantitation

E=value is an estimate

H = exceeds holding time

Approved By **Robert Hilbrandt Jr.**

Chief of Env. Lab Services

Date Approved : 12/14/2024

Environmental Laboratories
NYS ELAP # 10108
(914) 231-1620

Report Number: 5591

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Sample No. **BA20054**

Method	Test Description	Results	Qualifier	Units	DL/LOQ	Analyzed on	Validator
EPA 524.2	1,3-Dichloropropane	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	1,4-Dichlorobenzene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	2,2-Dichloropropane	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	2-Chlorotoluene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	4-Chlorotoluene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	Benzene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	Bromobenzene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	Bromochloromethane	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	Bromomethane	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	Carbon tetrachloride	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	Chlorobenzene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	Chloroethane	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	Chloromethane	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	cis-1,2-Dichloroethene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	cis-1,3-Dichloropropene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	Dibromomethane	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	Dichlorodifluoromethane	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	Ethylbenzene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	Hexachlorobutadiene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	Isopropylbenzene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	MEK(not certified by NYSDOH)	< LOQ		ug/L	2.00	11/07/2024	GZZ
EPA 524.2	Methyl tert-butyl ether	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	Methylene Chloride	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	MIBK(not certified by NYSDOH)	< LOQ		ug/L	2.00	11/07/2024	GZZ
EPA 524.2	Naphthalene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	N-Butylbenzene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	n-Propylbenzene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	o-Xylene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	p & m-Xylene	< LOQ		ug/L	1.00	11/07/2024	GZZ
EPA 524.2	p-Isopropyltoluene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	sec-Butylbenzene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	Styrene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	tert-Butylbenzene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	Tetrachloroethene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	Toluene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	trans-1,2-Dichloroethene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	trans-1,3-Dichloropropene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	Trichloroethene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	Trichlorofluoromethane	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	Vinyl chloride	< LOQ		ug/L	0.50	11/07/2024	GZZ

DL = Detection Limit

LOQ = Limit of Quantitation

E=value is an estimate

H = exceeds holding time

Approved By **Robert Hilbrandt Jr.**

Chief of Env. Lab Services

Date Approved : 12/14/2024

Environmental Laboratories
 NYS ELAP # 10108
 (914) 231-1620

Report Number: 5591

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Sample No. BA20054

Method	Test Description	Results	Qualifier	Units	DL/LOQ	Analyzed on	Validator
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The recovery of p-Isopropyltoluene was below the acceptable QC criteria in the daily calibration check. Established low bias on <LOQ results renders the analytical data suspect.

The recoveries of 1,2,4-trichlorobenzene, Hexachlorobutadiene, Naphthalene, and 1,2,3-trichlorobenzene were higher than the acceptable QC criteria in the LLCCV. Established high bias on <LOQ results are valid to report.

The recovery of 1,2,4-trichlorobenzene was higher than the acceptable QC criteria in the closing calibration check. Established high bias on <LOQ results are valid to report.

DN 11/13/24

Haloacetic Acids

EPA 552.2	Bromochloroacetic Acid	< LOQ		ug/L	1.00	11/07/2024	GZ2
EPA 552.2	Dibromoacetic Acid	< LOQ		ug/L	1.00	11/07/2024	GZ2
EPA 552.2	Dichloroacetic Acid	10.1		ug/L	1.00	11/07/2024	GZ2
EPA 552.2	Monobromoacetic Acid	< LOQ		ug/L	1.00	11/07/2024	GZ2
EPA 552.2	Monochloroacetic Acid	< LOQ		ug/L	2.00	11/07/2024	GZ2
EPA 552.2	Trichloroacetic Acid	25.6		ug/L	1.00	11/07/2024	GZ2

DL = Detection Limit

LOQ = Limit of Quantitation

E=value is an estimate

H = exceeds holding time

Approved By **Robert Hilbrandt Jr.**

Chief of Env. Lab Services

Date Approved : 12/14/2024

Environmental Laboratories
NYS ELAP # 10108
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Report Number: 5591

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Sample No. **BA20055**

REPORT OF ANALYSIS

Westchester County Department of Labs and Research

10 Dana Road Valhalla, New York 10595

Sample Location : HYD #6001
1490 OLD ORCHARD ST
W. HARRISON, NY

Received By : LG JLM
Bottle No : K7272 7273 7274 FB0285 T851

Collection Point : HYDRANT

Collected By : GIRILLO
Collection Date : 10/24/2024 AT 11:10:00
Submitted On : 10/24/2024 AT 11:55:00

ID of Source : NYC

Agency : Westchester Joint Water Works
1625 Mamaroneck Avenue
Mamaroneck, NY 10543
Attn: Frank Arcara

PWS No. : 5903435
Type Descriptor : 022 Source ID : 000
pH : 7.30

Free Cl2 : .24 Residual Cl2 :

Sample chilled on arrival ? : YES

Sample Type : POT_DW

add'l Report To :

Comment :4TH QUARTER
TEMP 17.0 C

Method	Test Description	Results	Qualifier	Units	DL/LOQ	Analyzed on	Validator
Organics							
Volatile Organic Compounds							
EPA 524.2	*THM-Bromodichloromethane	4.95		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	*THM-Bromoform	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	*THM-Chloroform	52.4		ug/L	1.00	11/07/2024	GZZ
EPA 524.2	*THM-Dibromochloromethane	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	1,1,1- Trichloroethane	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	1,1,1,2-Tetrachloroethane	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	1,1,2,2-Tetrachloroethane	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	1,1,2-Trichloroethane	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	1,1-Dichloroethane	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	1,1-Dichloroethene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	1,1-Dichloropropene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	1,2,3-Trichlorobenzene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	1,2,3-Trichloropropane	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	1,2,4-Trichlorobenzene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	1,2,4-Trimethylbenzene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	1,2-Dichlorobenzene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	1,2-Dichloroethane	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	1,2-Dichloropropane	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	1,3,5-Trimethylbenzene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	1,3-Dichlorobenzene	< LOQ		ug/L	0.50	11/07/2024	GZZ

DL = Detection Limit

LOQ = Limit of Quantitation

E=value is an estimate

H = exceeds holding time

Approved By **Robert Hilbrandt Jr.**

Chief of Env. Lab Services

Date Approved : 12/14/2024

Environmental Laboratories
NYS ELAP # 10108
(914) 231-1620

Report Number: 5591

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Page 1 of 3

Sample No. **BA20055**

Method	Test Description	Results	Qualifier	Units	DL/LOQ	Analyzed on	Validator
EPA 524.2	1,3-Dichloropropane	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	1,4-Dichlorobenzene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	2,2-Dichloropropane	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	2-Chlorotoluene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	4-Chlorotoluene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	Benzene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	Bromobenzene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	Bromochloromethane	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	Bromomethane	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	Carbon tetrachloride	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	Chlorobenzene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	Chloroethane	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	Chloromethane	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	cis-1,2-Dichloroethene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	cis-1,3-Dichloropropene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	Dibromomethane	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	Dichlorodifluoromethane	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	Ethylbenzene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	Hexachlorobutadiene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	Isopropylbenzene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	MEK(not certified by NYSDOH)	< LOQ		ug/L	2.00	11/07/2024	GZZ
EPA 524.2	Methyl tert-butyl ether	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	Methylene Chloride	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	MIBK(not certified by NYSDOH)	< LOQ		ug/L	2.00	11/07/2024	GZZ
EPA 524.2	Naphthalene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	N-Butylbenzene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	n-Propylbenzene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	o-Xylene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	p & m-Xylene	< LOQ		ug/L	1.00	11/07/2024	GZZ
EPA 524.2	p-Isopropyltoluene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	sec-Butylbenzene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	Styrene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	tert-Butylbenzene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	Tetrachloroethene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	Toluene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	trans-1,2-Dichloroethene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	trans-1,3-Dichloropropene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	Trichloroethene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	Trichlorofluoromethane	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	Vinyl chloride	< LOQ		ug/L	0.50	11/07/2024	GZZ

DL = Detection Limit

LOQ = Limit of Quantitation

E=value is an estimate

H = exceeds holding time

Approved By **Robert Hilbrandt Jr.**

Chief of Env. Lab Services

Date Approved :

12/14/2024

Environmental Laboratories
 NYS ELAP # 10108
 (914) 231-1620

Report Number: 5591

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Sample No. **BA20055**

Method	Test Description	Results	Qualifier	Units	DL/LOQ	Analyzed on	Validator
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The recovery of p-isopropyltoluene was below the acceptable QC criteria in the daily calibration check. Established low bias on <LOQ results renders the analytical data suspect.

The recoveries of 1,2,4-trichlorobenzene, Hexachlorobutadiene, Naphthalene, and 1,2,3-trichlorobenzene were higher than the acceptable QC criteria in the LLCCV. Established high bias on <LOQ results are valid to report.

The recovery of 1,2,4-trichlorobenzene was higher than the acceptable QC criteria in the closing calibration check. Established high bias on <LOQ results are valid to report.

Chloroform exceeded the calibration range. Sample was reanalyzed with a 1:2 dilution.

DN 11/13/24

Haloacetic Acids

EPA 552.2	Bromochloroacetic Acid	< LOQ		ug/L	1.00	11/07/2024	GZ2
EPA 552.2	Dibromoacetic Acid	< LOQ		ug/L	1.00	11/07/2024	GZ2
EPA 552.2	Dichloroacetic Acid	1.70		ug/L	1.00	11/07/2024	GZ2
EPA 552.2	Monobromoacetic Acid	< LOQ		ug/L	1.00	11/07/2024	GZ2
EPA 552.2	Monochloroacetic Acid	< LOQ		ug/L	2.00	11/07/2024	GZ2
EPA 552.2	Trichloroacetic Acid	22.6		ug/L	1.00	11/07/2024	GZ2

DL = Detection Limit

LOQ = Limit of Quantitation

E=value is an estimate

H = exceeds holding time

Approved By **Robert Hilbrandt Jr.**

Chief of Env. Lab Services

Date Approved : 12/14/2024

Environmental Laboratories
 NYS ELAP # 10108
 (914) 231-1620

Report Number: 5591

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Page 3 of 3

Sample No. **BA20051**

REPORT OF ANALYSIS

Westchester County Department of Labs and Research

10 Dana Road Valhalla, New York 10595

Sample Location : HYD #3883
2 LINCOLN AVE
HARRISON, NY

Received By : LG JLM
Bottle No : K7437 7438 7439 FB0285 T0017

Collection Point : HYDRANT

Collected By : GIRILLO
Collection Date : 10/24/2024 AT 08:30:00
Submitted On : 10/24/2024 AT 11:55:00

ID of Source : NYC

Agency : Westchester Joint Water Works
1625 Mamaroneck Avenue
Mamaroneck, NY 10543
Attn: Frank Arcara

PWS No. : 5903435
Type Descriptor : 022 Source ID : 000

pH : 7.40

Free Cl2 : .67

Residual Cl2 :

Sample chilled on arrival ? : YES

Sample Type : POT_DW

add'l Report To :

Comment :4TH QUARTER
TEMP 16.8 C

Method	Test Description	Results	Qualifier	Units	DL/LOQ	Analyzed on	Validator
Organics							
Volatile Organic Compounds							
EPA 524.2	*THM-Bromodichloromethane	3.59		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	*THM-Bromoform	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	*THM-Chloroform	29.6		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	*THM-Dibromochloromethane	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	1,1,1- Trichloroethane	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	1,1,1,2-Tetrachloroethane	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	1,1,2,2-Tetrachloroethane	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	1,1,2-Trichloroethane	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	1,1-Dichloroethane	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	1,1-Dichloroethene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	1,1-Dichloropropene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	1,2,3-Trichlorobenzene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	1,2,3-Trichloropropane	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	1,2,4-Trichlorobenzene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	1,2,4-Trimethylbenzene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	1,2-Dichlorobenzene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	1,2-Dichloroethane	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	1,2-Dichloropropane	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	1,3,5-Trimethylbenzene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	1,3-Dichlorobenzene	< LOQ		ug/L	0.50	11/07/2024	GZZ

DL = Detection Limit

LOQ = Limit of Quantitation

E=value is an estimate

H = exceeds holding time

Approved By **Robert Hilbrandt Jr.**

Chief of Env. Lab Services

Date Approved : 12/14/2024

Environmental Laboratories
NYS ELAP # 10108
(914) 231-1620

Report Number: 5591

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Page 1 of 3

Sample No. **BA20051**

Method	Test Description	Results	Qualifier	Units	DL/LOQ	Analyzed on	Validator
EPA 524.2	1,3-Dichloropropane	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	1,4-Dichlorobenzene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	2,2-Dichloropropane	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	2-Chlorotoluene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	4-Chlorotoluene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	Benzene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	Bromobenzene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	Bromochloromethane	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	Bromomethane	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	Carbon tetrachloride	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	Chlorobenzene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	Chloroethane	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	Chloromethane	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	cis-1,2-Dichloroethene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	cis-1,3-Dichloropropene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	Dibromomethane	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	Dichlorodifluoromethane	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	Ethylbenzene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	Hexachlorobutadiene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	Isopropylbenzene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	MEK(not certified by NYSDOH)	< LOQ		ug/L	2.00	11/07/2024	GZZ
EPA 524.2	Methyl tert-butyl ether	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	Methylene Chloride	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	MIBK(not certified by NYSDOH)	< LOQ		ug/L	2.00	11/07/2024	GZZ
EPA 524.2	Naphthalene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	N-Butylbenzene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	n-Propylbenzene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	o-Xylene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	p & m-Xylene	< LOQ		ug/L	1.00	11/07/2024	GZZ
EPA 524.2	p-Isopropyltoluene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	sec-Butylbenzene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	Styrene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	tert-Butylbenzene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	Tetrachloroethene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	Toluene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	trans-1,2-Dichloroethene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	trans-1,3-Dichloropropene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	Trichloroethene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	Trichlorofluoromethane	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	Vinyl chloride	< LOQ		ug/L	0.50	11/07/2024	GZZ

DL = Detection Limit

LOQ = Limit of Quantitation

E=value is an estimate

H = exceeds holding time

Approved By **Robert Hilbrandt Jr.**

Chief of Env. Lab Services

Date Approved : 12/14/2024

Environmental Laboratories
 NYS ELAP # 10108
 (914) 231-1620

Report Number: 5591

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Sample No. BA20051

Method	Test Description	Results	Qualifier	Units	DL/LOQ	Analyzed on	Validator
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The recovery of p-Isopropyltoluene was below the acceptable QC criteria in the daily calibration check. Established low bias on <LOQ results renders the analytical data suspect.

The recoveries of 1,2,4-trichlorobenzene, Hexachlorobutadiene, Naphthalene, and 1,2,3-trichlorobenzene were higher than the acceptable QC criteria in the LLCCV. Established high bias on <LOQ results are valid to report.

The recovery of 1,2,4-trichlorobenzene was higher than the acceptable QC criteria in the closing calibration check. Established high bias on <LOQ results are valid to report.

DN 11/13/24

Haloacetic Acids

EPA 552.2	Bromochloroacetic Acid	< LOQ		ug/L	1.00	11/07/2024	GZ2
EPA 552.2	Dibromoacetic Acid	< LOQ		ug/L	1.00	11/07/2024	GZ2
EPA 552.2	Dichloroacetic Acid	10.0		ug/L	1.00	11/07/2024	GZ2
EPA 552.2	Monobromoacetic Acid	< LOQ		ug/L	1.00	11/07/2024	GZ2
EPA 552.2	Monochloroacetic Acid	< LOQ		ug/L	2.00	11/07/2024	GZ2
EPA 552.2	Trichloroacetic Acid	22.6		ug/L	1.00	11/07/2024	GZ2

DL = Detection Limit

LOQ = Limit of Quantitation

E=value is an estimate

H = exceeds holding time

Approved By **Robert Hilbrandt Jr.**

Chief of Env. Lab Services

Date Approved : 12/14/2024

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NYS ELAP # 10108
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REPORT OF ANALYSIS

Westchester County Department of Labs and Research

10 Dana Road Valhalla, New York 10595

Sample Location : PURCHASE BOOSTER
4195 PURCHASE ST
HARRISON, NY

Received By : LG JLM
Bottle No : T986 K7404 7405 7406 FB0285

Collection Point : ENTRY POINT

Collected By : GIRILLO
Collection Date : 10/24/2024 AT 08:00:00
Submitted On : 10/24/2024 AT 11:55:00

ID of Source : NYC

Agency : Westchester Joint Water Works
1625 Mamaroneck Avenue
Mamaroneck, NY 10543
Attn: Frank Arcara

PWS No. : 5903435
Type Descriptor : 022 **Source ID :** 000
pH: 7.50
Free Cl2 : 1.15 **Residual Cl2 :**

Sample chilled on arrival ? : YES
Sample Type : POT_DW

add'l Report To :

Comment : 4TH QUARTER
TEMP 17.7 C TURB .76

Method	Test Description	Results	Qualifier	Units	DL/LOQ	Analyzed on	Validator
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Organics

Volatile Organic Compounds

EPA 524.2	*THM-Bromodichloromethane	2.13		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	*THM-Bromoform	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	*THM-Chloroform	16.4		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	*THM-Dibromochloromethane	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	1,1,1- Trichloroethane	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	1,1,1,2-Tetrachloroethane	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	1,1,2,2-Tetrachloroethane	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	1,1,2-Trichloroethane	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	1,1-Dichloroethane	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	1,1-Dichloroethene	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	1,1-Dichloropropene	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	1,2,3-Trichlorobenzene	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	1,2,3-Trichloropropane	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	1,2,4-Trichlorobenzene	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	1,2,4-Trimethylbenzene	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	1,2-Dichlorobenzene	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	1,2-Dichloroethane	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	1,2-Dichloropropane	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	1,3,5-Trimethylbenzene	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	1,3-Dichlorobenzene	< LOQ		ug/L	0.50	11/07/2024	GZ2

DL = Detection Limit

LOQ = Limit of Quantitation

E=value is an estimate

H = exceeds holding time

Approved By Robert Hilbrandt Jr.

Chief of Env. Lab Services

Date Approved : 12/14/2024

Environmental Laboratories
NYS ELAP # 10108
(914) 231-1620

Report Number: 5591

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Sample No. **BA20063**

Method	Test Description	Results	Qualifier	Units	DL/LOQ	Analyzed on	Validator
EPA 524.2	1,3-Dichloropropane	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	1,4-Dichlorobenzene	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	2,2-Dichloropropane	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	2-Chlorotoluene	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	4-Chlorotoluene	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	Benzene	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	Bromobenzene	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	Bromochloromethane	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	Bromomethane	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	Carbon tetrachloride	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	Chlorobenzene	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	Chloroethane	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	Chloromethane	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	cis-1,2-Dichloroethene	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	cis-1,3-Dichloropropene	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	Dibromomethane	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	Dichlorodifluoromethane	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	Ethylbenzene	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	Hexachlorobutadiene	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	Isopropylbenzene	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	MEK(not certified by NYSDOH)	< LOQ		ug/L	2.00	11/07/2024	GZ2
EPA 524.2	Methyl tert-butyl ether	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	Methylene Chloride	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	MIBK(not certified by NYSDOH)	< LOQ		ug/L	2.00	11/07/2024	GZ2
EPA 524.2	Naphthalene	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	N-Butylbenzene	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	n-Propylbenzene	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	o-Xylene	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	p & m-Xylene	< LOQ		ug/L	1.00	11/07/2024	GZ2
EPA 524.2	p-Isopropyltoluene	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	sec-Butylbenzene	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	Styrene	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	tert-Butylbenzene	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	Tetrachloroethene	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	Toluene	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	trans-1,2-Dichloroethene	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	trans-1,3-Dichloropropene	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	Trichloroethene	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	Trichlorofluoromethane	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	Vinyl chloride	< LOQ		ug/L	0.50	11/07/2024	GZ2

DL = Detection Limit

LOQ = Limit of Quantitation

E=value is an estimate

H = exceeds holding time

Approved By **Robert Hilbrandt Jr.**

Chief of Env. Lab Services

Date Approved : 12/14/2024

Environmental Laboratories
 NYS ELAP # 10108
 (914) 231-1620

Report Number: 5591

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Sample No. **BA20063**

Method	Test Description	Results	Qualifier	Units	DL/LOQ	Analyzed on	Validator
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The recovery of p-Isopropyltoluene was below the acceptable QC criteria in the daily calibration check. Established low bias on <LOQ results renders the analytical data suspect.

The recoveries of 1,2,4-trichlorobenzene, Hexachlorobutadiene, Naphthalene, and 1,2,3-trichlorobenzene were higher than the acceptable QC criteria in the LLCCV. Established high bias on <LOQ results are valid to report.

The recovery of 1,2,4-trichlorobenzene was higher than the acceptable QC criteria in the closing calibration check. Established high bias on <LOQ results are valid to report.

DN 11/13/24

Haloacetic Acids

EPA 552.2	Bromochloroacetic Acid	< LOQ		ug/L	1.00	11/07/2024	GZ2
EPA 552.2	Dibromoacetic Acid	< LOQ		ug/L	1.00	11/07/2024	GZ2
EPA 552.2	Dichloroacetic Acid	13.0		ug/L	1.00	11/07/2024	GZ2
EPA 552.2	Monobromoacetic Acid	< LOQ		ug/L	1.00	11/07/2024	GZ2
EPA 552.2	Monochloroacetic Acid	< LOQ		ug/L	2.00	11/07/2024	GZ2
EPA 552.2	Trichloroacetic Acid	14.6		ug/L	1.00	11/07/2024	GZ2

DL = Detection Limit

LOQ = Limit of Quantitation

E=value is an estimate

H = exceeds holding time

Approved By **Robert Hilbrandt Jr.**

Chief of Env. Lab Services

Date Approved : 12/14/2024

Environmental Laboratories
 NYS ELAP # 10108
 (914) 231-1620

Report Number: 5591

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REPORT OF ANALYSIS

Westchester County Department of Labs and Research

10 Dana Road Valhalla, New York 10595

Sample Location : STAPLES
 2444 BOSTON POST RD
 TOWN OF MAMARONECK, NY

Collection Point : SAMPLE STATION PORT

ID of Source : NYC

Agency : Westchester Joint Water Works
 1625 Mamaroneck Avenue
 Mamaroneck, NY 10543
 Attn: Frank Arcara

Received By : LG JLM
Bottle No : T622 K7284 7285 7286 FB0285

Collected By : GIRILLO
Collection Date : 10/24/2024 AT 10:10:00
Submitted On : 10/24/2024 AT 11:55:00
PWS No. : 5903435
Type Descriptor : 022 **Source ID :** 000
 pH : 7.50
Free Cl2 : .56 **Residual Cl2 :**
Sample chilled on arrival ? : YES
Sample Type : POT_DW
Comment : 4TH QUARTER
 TEMP 16.3 C

add'l Report To :

Method	Test Description	Results	Qualifier	Units	DL/LOQ	Analyzed on	Validator
Organics							
Volatile Organic Compounds							
EPA 524.2	*THM-Bromodichloromethane	3.28		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	*THM-Bromoform	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	*THM-Chloroform	25.0		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	*THM-Dibromochloromethane	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	1,1,1- Trichloroethane	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	1,1,1,2-Tetrachloroethane	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	1,1,2,2-Tetrachloroethane	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	1,1,2-Trichloroethane	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	1,1-Dichloroethane	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	1,1-Dichloroethene	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	1,1-Dichloropropene	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	1,2,3-Trichlorobenzene	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	1,2,3-Trichloropropane	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	1,2,4-Trichlorobenzene	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	1,2,4-Trimethylbenzene	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	1,2-Dichlorobenzene	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	1,2-Dichloroethane	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	1,2-Dichloropropane	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	1,3,5-Trimethylbenzene	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	1,3-Dichlorobenzene	< LOQ		ug/L	0.50	11/07/2024	GZ2

DL = Detection Limit LOQ = Limit of Quantitation E=value is an estimate H = exceeds holding time

Approved By Robert Hilbrandt Jr. **Chief of Env. Lab Services** **Date Approved :** 12/14/2024

Environmental Laboratories
 NYS ELAP # 10108
 (914) 231-1620

Report Number: 5591

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Sample No. BA20048

Method	Test Description	Results	Qualifier	Units	DL/LOQ	Analyzed on	Validator
EPA 524.2	1,3-Dichloropropane	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	1,4-Dichlorobenzene	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	2,2-Dichloropropane	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	2-Chlorotoluene	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	4-Chlorotoluene	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	Benzene	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	Bromobenzene	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	Bromochloromethane	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	Bromomethane	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	Carbon tetrachloride	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	Chlorobenzene	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	Chloroethane	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	Chloromethane	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	cis-1,2-Dichloroethene	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	cis-1,3-Dichloropropene	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	Dibromomethane	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	Dichlorodifluoromethane	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	Ethylbenzene	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	Hexachlorobutadiene	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	Isopropylbenzene	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	MEK(not certified by NYSDOH)	< LOQ		ug/L	2.00	11/07/2024	GZ2
EPA 524.2	Methyl tert-butyl ether	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	Methylene Chloride	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	MIBK(not certified by NYSDOH)	< LOQ		ug/L	2.00	11/07/2024	GZ2
EPA 524.2	Naphthalene	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	N-Butylbenzene	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	n-Propylbenzene	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	o-Xylene	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	p & m-Xylene	< LOQ		ug/L	1.00	11/07/2024	GZ2
EPA 524.2	p-Isopropyltoluene	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	sec-Butylbenzene	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	Styrene	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	tert-Butylbenzene	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	Tetrachloroethene	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	Toluene	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	trans-1,2-Dichloroethene	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	trans-1,3-Dichloropropene	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	Trichloroethene	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	Trichlorofluoromethane	< LOQ		ug/L	0.50	11/07/2024	GZ2
EPA 524.2	Vinyl chloride	< LOQ		ug/L	0.50	11/07/2024	GZ2

DL = Detection Limit

LOQ = Limit of Quantitation

E=value is an estimate

H = exceeds holding time

Approved By **Robert Hilbrandt Jr.**

Chief of Env. Lab Services

Date Approved : 12/14/2024

Environmental Laboratories
 NYS ELAP # 10108
 (914) 231-1620

Report Number: 5591

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Sample No. **BA20048**

Method	Test Description	Results	Qualifier	Units	DL/LOQ	Analyzed on	Validator
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The recovery of p-Isopropyltoluene was below the acceptable QC criteria in the daily calibration check. Established low bias on <LOQ results renders the analytical data suspect.

The recoveries of 1,2,4-trichlorobenzene, Hexachlorobutadiene, Naphthalene, and 1,2,3-trichlorobenzene were higher than the acceptable QC criteria in the LLCCV. Established high bias on <LOQ results are valid to report.

The recovery of 1,2,4-trichlorobenzene was higher than the acceptable QC criteria in the closing calibration check. Established high bias on <LOQ results are valid to report.

DN 11/13/24

Haloacetic Acids

EPA 552.2	Bromochloroacetic Acid	< LOQ		ug/L	1.00	11/06/2024	GZ2
EPA 552.2	Dibromoacetic Acid	< LOQ		ug/L	1.00	11/06/2024	GZ2
EPA 552.2	Dichloroacetic Acid	6.99		ug/L	1.00	11/06/2024	GZ2
EPA 552.2	Monobromoacetic Acid	< LOQ		ug/L	1.00	11/06/2024	GZ2
EPA 552.2	Monochloroacetic Acid	< LOQ		ug/L	2.00	11/06/2024	GZ2
EPA 552.2	Trichloroacetic Acid	15.6		ug/L	1.00	11/06/2024	GZ2

DL = Detection Limit

LOQ = Limit of Quantitation

E=value is an estimate

H = exceeds holding time

Approved By **Robert Hilbrandt Jr.**

Chief of Env. Lab Services

Date Approved : 12/14/2024

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Sample No. BA20052

REPORT OF ANALYSIS

Westchester County Department of Labs and Research

10 Dana Road Valhalla, New York 10595

Sample Location : HYD #3179
66 BELLEVUE AVE
HARRISON, NY

Received By : LG JLM
Bottle No : K7416 7417 7418 FB0285 T0024

Collection Point : HYDRANT

Collected By : GIRILLO
Collection Date : 10/24/2024 AT 09:45:00
Submitted On : 10/24/2024 AT 11:55:00

ID of Source : NYC

Agency : Westchester Joint Water Works
1625 Mamaroneck Avenue
Mamaroneck, NY 10543
Attn: Frank Arcara

PWS No. : 5903435
Type Descriptor : 022 Source ID : 000

pH : 7.40

Free Cl2 : .86 Residual Cl2 :

Sample chilled on arrival ? : YES

Sample Type : POT_DW

add'l Report To :

Comment : 4TH QUARTER
TEMP 15.8 C

Method	Test Description	Results	Qualifier	Units	DL/LOQ	Analyzed on	Validator
Organics							
<i>Volatile Organic Compounds</i>							
EPA 524.2	*THM-Bromodichloromethane	3.24		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	*THM-Bromoform	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	*THM-Chloroform	26.3		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	*THM-Dibromochloromethane	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	1,1,1- Trichloroethane	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	1,1,1,2-Tetrachloroethane	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	1,1,2,2-Tetrachloroethane	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	1,1,2-Trichloroethane	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	1,1-Dichloroethane	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	1,1-Dichloroethene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	1,1-Dichloropropene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	1,2,3-Trichlorobenzene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	1,2,3-Trichloropropane	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	1,2,4-Trichlorobenzene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	1,2,4-Trimethylbenzene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	1,2-Dichlorobenzene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	1,2-Dichloroethane	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	1,2-Dichloropropane	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	1,3,5-Trimethylbenzene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	1,3-Dichlorobenzene	< LOQ		ug/L	0.50	11/07/2024	GZZ

DL = Detection Limit

LOQ = Limit of Quantitation

E=value is an estimate

H = exceeds holding time

Approved By **Robert Hilbrandt Jr.**

Chief of Env. Lab Services

Date Approved : 12/14/2024

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Sample No. **BA20052**

Method	Test Description	Results	Qualifier	Units	DL/LOQ	Analyzed on	Validator
EPA 524.2	1,3-Dichloropropane	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	1,4-Dichlorobenzene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	2,2-Dichloropropane	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	2-Chlorotoluene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	4-Chlorotoluene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	Benzene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	Bromobenzene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	Bromochloromethane	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	Bromomethane	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	Carbon tetrachloride	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	Chlorobenzene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	Chloroethane	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	Chloromethane	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	cis-1,2-Dichloroethene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	cis-1,3-Dichloropropene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	Dibromomethane	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	Dichlorodifluoromethane	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	Ethylbenzene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	Hexachlorobutadiene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	Isopropylbenzene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	MEK(not certified by NYSDOH)	< LOQ		ug/L	2.00	11/07/2024	GZZ
EPA 524.2	Methyl tert-butyl ether	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	Methylene Chloride	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	MIBK(not certified by NYSDOH)	< LOQ		ug/L	2.00	11/07/2024	GZZ
EPA 524.2	Naphthalene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	N-Butylbenzene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	n-Propylbenzene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	o-Xylene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	p & m-Xylene	< LOQ		ug/L	1.00	11/07/2024	GZZ
EPA 524.2	p-Isopropyltoluene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	sec-Butylbenzene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	Styrene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	tert-Butylbenzene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	Tetrachloroethene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	Toluene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	trans-1,2-Dichloroethene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	trans-1,3-Dichloropropene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	Trichloroethene	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	Trichlorofluoromethane	< LOQ		ug/L	0.50	11/07/2024	GZZ
EPA 524.2	Vinyl chloride	< LOQ		ug/L	0.50	11/07/2024	GZZ

DL = Detection Limit

LOQ = Limit of Quantitation

E=value is an estimate

H = exceeds holding time

Approved By **Robert Hilbrandt Jr.**

Chief of Env. Lab Services

Date Approved : 12/14/2024

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Sample No. BA20052

Method	Test Description	Results	Qualifier	Units	DL/LOQ	Analyzed on	Validator
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The recovery of p-Isopropyltoluene was below the acceptable QC criteria in the daily calibration check. Established low bias on <LOQ results renders the analytical data suspect.

The recoveries of 1,2,4-trichlorobenzene, Hexachlorobutadiene, Naphthalene, and 1,2,3-trichlorobenzene were higher than the acceptable QC criteria in the LLCCV. Established high bias on <LOQ results are valid to report.

The recovery of 1,2,4-trichlorobenzene was higher than the acceptable QC criteria in the closing calibration check. Established high bias on <LOQ results are valid to report.

DN 11/13/24

Haloacetic Acids

EPA 552.2	Bromochloroacetic Acid	< LOQ		ug/L	1.00	11/07/2024	GZ2
EPA 552.2	Dibromoacetic Acid	< LOQ		ug/L	1.00	11/07/2024	GZ2
EPA 552.2	Dichloroacetic Acid	13.0		ug/L	1.00	11/07/2024	GZ2
EPA 552.2	Monobromoacetic Acid	< LOQ		ug/L	1.00	11/07/2024	GZ2
EPA 552.2	Monochloroacetic Acid	< LOQ		ug/L	2.00	11/07/2024	GZ2
EPA 552.2	Trichloroacetic Acid	19.3		ug/L	1.00	11/07/2024	GZ2

DL = Detection Limit

LOQ = Limit of Quantitation

E=value is an estimate

H = exceeds holding time

Approved By **Robert Hilbrandt Jr.**

Chief of Env. Lab Services

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