

August 20, 2018

Rob King
Hampton Bays Water District
P.O. Box 1013
Hampton Bays, NY 11946

RE: Project: SOC 7/25
Pace Project No.: 7059446


Dear Rob King:

Enclosed are the analytical results for sample(s) received by the laboratory on July 25, 2018. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

Some analyses have been subcontracted outside of the Pace Network. The subcontracted laboratory report has been attached.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Kimberley M. Mack for
Stu Murrell
stu.murrell@pacelabs.com
(631)694-3040
Project Manager

Enclosures

cc: Warren Booth, Hampton Bays Water District
John Collins, H2M Group
Stella Michaels, Hampton Bays Water District
Paul Ponturo, H2M Group



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: SOC 7/25

Pace Project No.: 7059446

Ormond Beach Certification IDs

8 East Tower Circle, Ormond Beach, FL 32174

Alabama Certification #: 41320

Connecticut Certification #: PH-0216

Florida Certification #: E83079

Georgia Certification #: 955

Guam Certification: FL NELAC Reciprocity

Hawaii Certification: FL NELAC Reciprocity

Illinois Certification #: 200068

Indiana Certification: FL NELAC Reciprocity

Kansas Certification #: E-10383

Kentucky Certification #: 90050

Louisiana Certification #: FL NELAC Reciprocity

Louisiana Environmental Certificate #: 05007

Maryland Certification: #346

Michigan Certification #: 9911

Mississippi Certification: FL NELAC Reciprocity

Missouri Certification #: 236

Montana Certification #: Cert 0074

Nebraska Certification: NE-OS-28-14

Nevada Certification: FL NELAC Reciprocity

New Hampshire Certification #: 2958

New Jersey Certification #: FL022

New York Certification #: 11608

North Carolina Environmental Certificate #: 667

North Carolina Certification #: 12710

North Dakota Certification #: R-216

Oklahoma Certification #: D9947

Pennsylvania Certification #: 68-00547

Puerto Rico Certification #: FL01264

South Carolina Certification: #96042001

Tennessee Certification #: TN02974

Texas Certification: FL NELAC Reciprocity

US Virgin Islands Certification: FL NELAC Reciprocity

Virginia Environmental Certification #: 460165

Wyoming Certification: FL NELAC Reciprocity

West Virginia Certification #: 9962C

Wisconsin Certification #: 399079670

Wyoming (EPA Region 8): FL NELAC Reciprocity

Long Island Certification IDs

575 Broad Hollow Rd, Melville, NY 11747

New York Certification #: 10478 Primary Accrediting Body

New Jersey Certification #: NY158

Pennsylvania Certification #: 68-00350

Connecticut Certification #: PH-0435

Maryland Certification #: 208

Rhode Island Certification #: LAO00340

Massachusetts Certification #: M-NY026

New Hampshire Certification #: 2987

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SAMPLE SUMMARY

Project: SOC 7/25

Pace Project No.: 7059446

Lab ID	Sample ID	Matrix	Date Collected	Date Received
7059446001	S-15687	Drinking Water	07/25/18 07:50	07/25/18 17:00
7059446002	S-24848	Drinking Water	07/25/18 07:30	07/25/18 17:00
7059446003	S-50970	Drinking Water	07/25/18 08:20	07/25/18 17:00
7059446004	S-74071	Drinking Water	07/25/18 08:40	07/25/18 17:00
7059446005	S-127163	Drinking Water	07/25/18 09:10	07/25/18 17:00
7059446006	S-58351	Drinking Water	07/25/18 09:40	07/25/18 17:00

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SAMPLE ANALYTE COUNT

Project: SOC 7/25

Pace Project No.: 7059446

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
7059446001	S-15687	EPA 515.3	KB1	8	PACE-MV
		EPA 531.1	KB1	8	PACE-MV
		EPA 547	KB1	1	PACE-MV
		EPA 549.2	NS1	1	PASI-O
		EPA 548.1	MLM	1	PACE-MV
7059446002	S-24848	EPA 515.3	KB1	8	PACE-MV
		EPA 531.1	KB1	8	PACE-MV
		EPA 547	KB1	1	PACE-MV
		EPA 549.2	NS1	1	PASI-O
		EPA 548.1	MLM	1	PACE-MV
7059446003	S-50970	EPA 515.3	KB1	8	PACE-MV
		EPA 531.1	KB1	8	PACE-MV
		EPA 547	KB1	1	PACE-MV
		EPA 549.2	NS1	1	PASI-O
		EPA 548.1	MLM	1	PACE-MV
7059446004	S-74071	EPA 515.3	KB1	8	PACE-MV
		EPA 531.1	KB1	8	PACE-MV
		EPA 547	KB1	1	PACE-MV
		EPA 549.2	NS1	1	PASI-O
		EPA 548.1	MLM	1	PACE-MV
7059446005	S-127163	EPA 515.3	KB1	8	PACE-MV
		EPA 531.1	KB1	8	PACE-MV
		EPA 547	KB1	1	PACE-MV
		EPA 549.2	NS1	1	PASI-O
		EPA 548.1	MLM	1	PACE-MV
7059446006	S-58351	EPA 515.3	KB1	8	PACE-MV
		EPA 531.1	KB1	8	PACE-MV
		EPA 547	KB1	1	PACE-MV
		EPA 549.2	NS1	1	PASI-O
		EPA 548.1	MLM	1	PACE-MV

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ANALYTICAL RESULTS

Project: SOC 7/25

Pace Project No.: 7059446

Sample: S-15687 **Lab ID: 7059446001** Collected: 07/25/18 07:50 Received: 07/25/18 17:00 Matrix: Drinking Water

Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
515.3 Chlorinated Herbicides		Analytical Method: EPA 515.3 Preparation Method: EPA 515.3							
2,4-D	<0.10	ug/L	0.10		1	08/02/18 10:34	08/10/18 21:22	94-75-7	
Dalapon	<0.70	ug/L	0.70		1	08/02/18 10:34	08/10/18 21:22	75-99-0	
Dicamba	<1.0	ug/L	1.0		1	08/02/18 10:34	08/10/18 21:22	1918-00-9	
Dinoseb	<0.20	ug/L	0.20		1	08/02/18 10:34	08/10/18 21:22	88-85-7	
Pentachlorophenol	<0.040	ug/L	0.040		1	08/02/18 10:34	08/10/18 21:22	87-86-5	
Picloram	<0.10	ug/L	0.10		1	08/02/18 10:34	08/10/18 21:22	1918-02-1	
2,4,5-TP (Silvex)	<0.13	ug/L	0.13		1	08/02/18 10:34	08/10/18 21:22	93-72-1	
Surrogates									
2,4-DCAA (S)	93	%	70-130		1	08/02/18 10:34	08/10/18 21:22	19719-28-9	
531.1 HPLC Carbamates		Analytical Method: EPA 531.1							
Aldicarb	<0.50	ug/L	0.50		1		08/01/18 02:50	116-06-3	
Aldicarb sulfone	<0.80	ug/L	0.80		1		08/01/18 02:50	1646-88-4	
Aldicarb sulfoxide	<0.50	ug/L	0.50		1		08/01/18 02:50	1646-87-3	
Carbofuran	<0.90	ug/L	0.90		1		08/01/18 02:50	1563-66-2	
3-Hydroxycarbofuran	<1.0	ug/L	1.0		1		08/01/18 02:50	16655-82-6	
Methomyl	<1.0	ug/L	1.0		1		08/01/18 02:50	16752-77-5	
Oxamyl	<1.0	ug/L	1.0		1		08/01/18 02:50	23135-22-0	
Carbaryl	<1.0	ug/L	1.0		1		08/01/18 02:50	63-25-2	
547 HPLC Glyphosate		Analytical Method: EPA 547							
Glyphosate	<6.0	ug/L	6.0		1		07/28/18 06:27		
549.2 HPLC Paraquat Diquat		Analytical Method: EPA 549.2 Preparation Method: EPA 549.2							
Diquat	<0.40	ug/L	0.40	20	1	07/27/18 23:25	08/02/18 16:34	85-00-7	
548.1 MSSV Endothall		Analytical Method: EPA 548.1 Preparation Method: EPA 548.1							
Endothall	<9.0	ug/L	9.0		1	08/01/18 12:51	08/06/18 19:27		

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ANALYTICAL RESULTS

Project: SOC 7/25

Pace Project No.: 7059446

Sample: S-24848 **Lab ID: 7059446002** Collected: 07/25/18 07:30 Received: 07/25/18 17:00 Matrix: Drinking Water

Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
515.3 Chlorinated Herbicides		Analytical Method: EPA 515.3 Preparation Method: EPA 515.3							
2,4-D	<0.10	ug/L	0.10		1	08/02/18 10:34	08/10/18 21:52	94-75-7	
Dalapon	<0.70	ug/L	0.70		1	08/02/18 10:34	08/10/18 21:52	75-99-0	
Dicamba	<1.0	ug/L	1.0		1	08/02/18 10:34	08/10/18 21:52	1918-00-9	
Dinoseb	<0.20	ug/L	0.20		1	08/02/18 10:34	08/10/18 21:52	88-85-7	
Pentachlorophenol	<0.040	ug/L	0.040		1	08/02/18 10:34	08/10/18 21:52	87-86-5	
Picloram	<0.10	ug/L	0.10		1	08/02/18 10:34	08/10/18 21:52	1918-02-1	
2,4,5-TP (Silvex)	<0.13	ug/L	0.13		1	08/02/18 10:34	08/10/18 21:52	93-72-1	
Surrogates									
2,4-DCAA (S)	102	%	70-130		1	08/02/18 10:34	08/10/18 21:52	19719-28-9	
531.1 HPLC Carbamates		Analytical Method: EPA 531.1							
Aldicarb	<0.50	ug/L	0.50		1		08/01/18 03:38	116-06-3	
Aldicarb sulfone	<0.80	ug/L	0.80		1		08/01/18 03:38	1646-88-4	
Aldicarb sulfoxide	<0.50	ug/L	0.50		1		08/01/18 03:38	1646-87-3	
Carbofuran	<0.90	ug/L	0.90		1		08/01/18 03:38	1563-66-2	
3-Hydroxycarbofuran	<1.0	ug/L	1.0		1		08/01/18 03:38	16655-82-6	
Methomyl	<1.0	ug/L	1.0		1		08/01/18 03:38	16752-77-5	
Oxamyl	<1.0	ug/L	1.0		1		08/01/18 03:38	23135-22-0	
Carbaryl	<1.0	ug/L	1.0		1		08/01/18 03:38	63-25-2	
547 HPLC Glyphosate		Analytical Method: EPA 547							
Glyphosate	<6.0	ug/L	6.0		1		07/30/18 17:37		
549.2 HPLC Paraquat Diquat		Analytical Method: EPA 549.2 Preparation Method: EPA 549.2							
Diquat	<0.40	ug/L	0.40	20	1	07/27/18 23:25	08/02/18 16:40	85-00-7	
548.1 MSSV Endothall		Analytical Method: EPA 548.1 Preparation Method: EPA 548.1							
Endothall	<9.0	ug/L	9.0		1	08/01/18 12:51	08/06/18 19:51		

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ANALYTICAL RESULTS

Project: SOC 7/25

Pace Project No.: 7059446

Sample: S-50970 **Lab ID: 7059446003** Collected: 07/25/18 08:20 Received: 07/25/18 17:00 Matrix: Drinking Water

Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
515.3 Chlorinated Herbicides Analytical Method: EPA 515.3 Preparation Method: EPA 515.3									
2,4-D	<0.10	ug/L	0.10		1	08/02/18 10:34	08/10/18 22:22	94-75-7	
Dalapon	<0.70	ug/L	0.70		1	08/02/18 10:34	08/10/18 22:22	75-99-0	
Dicamba	<1.0	ug/L	1.0		1	08/02/18 10:34	08/10/18 22:22	1918-00-9	
Dinoseb	<0.20	ug/L	0.20		1	08/02/18 10:34	08/10/18 22:22	88-85-7	
Pentachlorophenol	<0.040	ug/L	0.040		1	08/02/18 10:34	08/10/18 22:22	87-86-5	
Picloram	<0.10	ug/L	0.10		1	08/02/18 10:34	08/10/18 22:22	1918-02-1	
2,4,5-TP (Silvex)	<0.13	ug/L	0.13		1	08/02/18 10:34	08/10/18 22:22	93-72-1	
Surrogates									
2,4-DCAA (S)	100	%	70-130		1	08/02/18 10:34	08/10/18 22:22	19719-28-9	
531.1 HPLC Carbamates Analytical Method: EPA 531.1									
Aldicarb	<0.50	ug/L	0.50		1		08/01/18 04:27	116-06-3	
Aldicarb sulfone	<0.80	ug/L	0.80		1		08/01/18 04:27	1646-88-4	
Aldicarb sulfoxide	<0.50	ug/L	0.50		1		08/01/18 04:27	1646-87-3	
Carbofuran	<0.90	ug/L	0.90		1		08/01/18 04:27	1563-66-2	
3-Hydroxycarbofuran	<1.0	ug/L	1.0		1		08/01/18 04:27	16655-82-6	
Methomyl	<1.0	ug/L	1.0		1		08/01/18 04:27	16752-77-5	
Oxamyl	<1.0	ug/L	1.0		1		08/01/18 04:27	23135-22-0	
Carbaryl	<1.0	ug/L	1.0		1		08/01/18 04:27	63-25-2	
547 HPLC Glyphosate Analytical Method: EPA 547									
Glyphosate	<6.0	ug/L	6.0		1		07/30/18 19:12		
549.2 HPLC Paraquat Diquat Analytical Method: EPA 549.2 Preparation Method: EPA 549.2									
Diquat	<0.40	ug/L	0.40	20	1	07/27/18 23:25	08/02/18 16:47	85-00-7	
548.1 MSSV Endothall Analytical Method: EPA 548.1 Preparation Method: EPA 548.1									
Endothall	<9.0	ug/L	9.0		1	08/01/18 12:51	08/06/18 20:16		

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ANALYTICAL RESULTS

Project: SOC 7/25

Pace Project No.: 7059446

Sample: S-74071 Lab ID: 7059446004 Collected: 07/25/18 08:40 Received: 07/25/18 17:00 Matrix: Drinking Water									
Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
515.3 Chlorinated Herbicides Analytical Method: EPA 515.3 Preparation Method: EPA 515.3									
2,4-D	<0.10	ug/L	0.10		1	08/02/18 10:34	08/10/18 22:52	94-75-7	
Dalapon	<0.70	ug/L	0.70		1	08/02/18 10:34	08/10/18 22:52	75-99-0	
Dicamba	<1.0	ug/L	1.0		1	08/02/18 10:34	08/10/18 22:52	1918-00-9	
Dinoseb	<0.20	ug/L	0.20		1	08/02/18 10:34	08/10/18 22:52	88-85-7	
Pentachlorophenol	<0.040	ug/L	0.040		1	08/02/18 10:34	08/10/18 22:52	87-86-5	
Picloram	<0.10	ug/L	0.10		1	08/02/18 10:34	08/10/18 22:52	1918-02-1	
2,4,5-TP (Silvex)	<0.13	ug/L	0.13		1	08/02/18 10:34	08/10/18 22:52	93-72-1	
Surrogates									
2,4-DCAA (S)	120	%	70-130		1	08/02/18 10:34	08/10/18 22:52	19719-28-9	
531.1 HPLC Carbamates Analytical Method: EPA 531.1									
Aldicarb	<0.50	ug/L	0.50		1		08/01/18 05:15	116-06-3	
Aldicarb sulfone	<0.80	ug/L	0.80		1		08/01/18 05:15	1646-88-4	
Aldicarb sulfoxide	<0.50	ug/L	0.50		1		08/01/18 05:15	1646-87-3	
Carbofuran	<0.90	ug/L	0.90		1		08/01/18 05:15	1563-66-2	
3-Hydroxycarbofuran	<1.0	ug/L	1.0		1		08/01/18 05:15	16655-82-6	
Methomyl	<1.0	ug/L	1.0		1		08/01/18 05:15	16752-77-5	
Oxamyl	<1.0	ug/L	1.0		1		08/01/18 05:15	23135-22-0	
Carbaryl	<1.0	ug/L	1.0		1		08/01/18 05:15	63-25-2	
547 HPLC Glyphosate Analytical Method: EPA 547									
Glyphosate	<6.0	ug/L	6.0		1		07/30/18 19:44		
549.2 HPLC Paraquat Diquat Analytical Method: EPA 549.2 Preparation Method: EPA 549.2									
Diquat	<0.40	ug/L	0.40	20	1	07/27/18 23:25	08/02/18 16:54	85-00-7	
548.1 MSSV Endothall Analytical Method: EPA 548.1 Preparation Method: EPA 548.1									
Endothall	<9.0	ug/L	9.0		1	08/01/18 12:51	08/06/18 20:40		

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ANALYTICAL RESULTS

Project: SOC 7/25

Pace Project No.: 7059446

Sample: S-127163 **Lab ID: 7059446005** Collected: 07/25/18 09:10 Received: 07/25/18 17:00 Matrix: Drinking Water

Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
515.3 Chlorinated Herbicides		Analytical Method: EPA 515.3 Preparation Method: EPA 515.3							
2,4-D	<0.10	ug/L	0.10		1	08/02/18 10:34	08/10/18 23:21	94-75-7	
Dalapon	<0.70	ug/L	0.70		1	08/02/18 10:34	08/10/18 23:21	75-99-0	
Dicamba	<1.0	ug/L	1.0		1	08/02/18 10:34	08/10/18 23:21	1918-00-9	
Dinoseb	<0.20	ug/L	0.20		1	08/02/18 10:34	08/10/18 23:21	88-85-7	
Pentachlorophenol	<0.040	ug/L	0.040		1	08/02/18 10:34	08/10/18 23:21	87-86-5	
Picloram	<0.10	ug/L	0.10		1	08/02/18 10:34	08/10/18 23:21	1918-02-1	
2,4,5-TP (Silvex)	<0.13	ug/L	0.13		1	08/02/18 10:34	08/10/18 23:21	93-72-1	
Surrogates									
2,4-DCAA (S)	108	%	70-130		1	08/02/18 10:34	08/10/18 23:21	19719-28-9	
531.1 HPLC Carbamates		Analytical Method: EPA 531.1							
Aldicarb	<0.50	ug/L	0.50		1		08/01/18 06:04	116-06-3	
Aldicarb sulfone	<0.80	ug/L	0.80		1		08/01/18 06:04	1646-88-4	
Aldicarb sulfoxide	<0.50	ug/L	0.50		1		08/01/18 06:04	1646-87-3	
Carbofuran	<0.90	ug/L	0.90		1		08/01/18 06:04	1563-66-2	
3-Hydroxycarbofuran	<1.0	ug/L	1.0		1		08/01/18 06:04	16655-82-6	
Methomyl	<1.0	ug/L	1.0		1		08/01/18 06:04	16752-77-5	
Oxamyl	<1.0	ug/L	1.0		1		08/01/18 06:04	23135-22-0	
Carbaryl	<1.0	ug/L	1.0		1		08/01/18 06:04	63-25-2	
547 HPLC Glyphosate		Analytical Method: EPA 547							
Glyphosate	<6.0	ug/L	6.0		1		07/30/18 20:15		
549.2 HPLC Paraquat Diquat		Analytical Method: EPA 549.2 Preparation Method: EPA 549.2							
Diquat	<0.40	ug/L	0.40	20	1	07/27/18 23:25	08/02/18 17:01	85-00-7	
548.1 MSSV Endothall		Analytical Method: EPA 548.1 Preparation Method: EPA 548.1							
Endothall	<9.0	ug/L	9.0		1	08/01/18 12:51	08/06/18 21:03		

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ANALYTICAL RESULTS

Project: SOC 7/25

Pace Project No.: 7059446

Sample: S-58351 **Lab ID: 7059446006** Collected: 07/25/18 09:40 Received: 07/25/18 17:00 Matrix: Drinking Water

Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
515.3 Chlorinated Herbicides		Analytical Method: EPA 515.3 Preparation Method: EPA 515.3							
2,4-D	<0.10	ug/L	0.10		1	08/02/18 10:34	08/10/18 23:51	94-75-7	
Dalapon	<0.70	ug/L	0.70		1	08/02/18 10:34	08/10/18 23:51	75-99-0	
Dicamba	<1.0	ug/L	1.0		1	08/02/18 10:34	08/10/18 23:51	1918-00-9	
Dinoseb	<0.20	ug/L	0.20		1	08/02/18 10:34	08/10/18 23:51	88-85-7	
Pentachlorophenol	<0.040	ug/L	0.040		1	08/02/18 10:34	08/10/18 23:51	87-86-5	
Picloram	<0.10	ug/L	0.10		1	08/02/18 10:34	08/10/18 23:51	1918-02-1	
2,4,5-TP (Silvex)	<0.13	ug/L	0.13		1	08/02/18 10:34	08/10/18 23:51	93-72-1	
Surrogates									
2,4-DCAA (S)	94	%	70-130		1	08/02/18 10:34	08/10/18 23:51	19719-28-9	
531.1 HPLC Carbamates		Analytical Method: EPA 531.1							
Aldicarb	<0.50	ug/L	0.50		1		08/01/18 06:52	116-06-3	
Aldicarb sulfone	<0.80	ug/L	0.80		1		08/01/18 06:52	1646-88-4	
Aldicarb sulfoxide	<0.50	ug/L	0.50		1		08/01/18 06:52	1646-87-3	
Carbofuran	<0.90	ug/L	0.90		1		08/01/18 06:52	1563-66-2	
3-Hydroxycarbofuran	<1.0	ug/L	1.0		1		08/01/18 06:52	16655-82-6	
Methomyl	<1.0	ug/L	1.0		1		08/01/18 06:52	16752-77-5	
Oxamyl	<1.0	ug/L	1.0		1		08/01/18 06:52	23135-22-0	
Carbaryl	<1.0	ug/L	1.0		1		08/01/18 06:52	63-25-2	
547 HPLC Glyphosate		Analytical Method: EPA 547							
Glyphosate	<6.0	ug/L	6.0		1		07/30/18 20:47		
549.2 HPLC Paraquat Diquat		Analytical Method: EPA 549.2 Preparation Method: EPA 549.2							
Diquat	<0.40	ug/L	0.40	20	1	07/27/18 23:25	08/02/18 17:07	85-00-7	
548.1 MSSV Endothall		Analytical Method: EPA 548.1 Preparation Method: EPA 548.1							
Endothall	<9.0	ug/L	9.0		1	08/01/18 12:51	08/06/18 21:28		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: SOC 7/25
Pace Project No.: 7059446

QC Batch: 77204 Analysis Method: EPA 531.1
QC Batch Method: EPA 531.1 Analysis Description: 531.1 HPLC Carbamate
Associated Lab Samples: 7059446001, 7059446002, 7059446003, 7059446004, 7059446005, 7059446006

METHOD BLANK: 354289 Matrix: Water
Associated Lab Samples: 7059446001, 7059446002, 7059446003, 7059446004, 7059446005, 7059446006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
3-Hydroxycarbofuran	ug/L	<1.0	1.0	07/31/18 17:56	
Aldicarb	ug/L	<0.50	0.50	07/31/18 17:56	
Aldicarb sulfone	ug/L	<0.80	0.80	07/31/18 17:56	
Aldicarb sulfoxide	ug/L	<0.50	0.50	07/31/18 17:56	
Carbaryl	ug/L	<1.0	1.0	07/31/18 17:56	
Carbofuran	ug/L	<0.90	0.90	07/31/18 17:56	
Methomyl	ug/L	<1.0	1.0	07/31/18 17:56	
Oxamyl	ug/L	<1.0	1.0	07/31/18 17:56	

LABORATORY CONTROL SAMPLE: 354290

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
3-Hydroxycarbofuran	ug/L	3.8	3.2	86	80-120	
Aldicarb	ug/L	3.8	3.7	98	80-120	
Aldicarb sulfone	ug/L	3.8	3.6	96	80-120	
Aldicarb sulfoxide	ug/L	3.8	3.6	97	80-120	
Carbaryl	ug/L	3.8	3.6	97	80-120	
Carbofuran	ug/L	3.8	3.4	90	80-120	
Methomyl	ug/L	3.8	3.5	93	80-120	
Oxamyl	ug/L	3.8	3.6	95	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 354291 354292

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual	
		7059548001 Result	Spike Conc.	Spike Conc.	MS Result						MSD Result
3-Hydroxycarbofuran	ug/L	<1.0	3.8	3.8	3.5	3.4	93	90	65-135	4	20
Aldicarb	ug/L	<0.50	3.8	3.8	3.6	3.4	94	91	65-135	4	20
Aldicarb sulfone	ug/L	<0.80	3.8	3.8	3.4	3.3	90	87	65-135	4	20
Aldicarb sulfoxide	ug/L	<0.50	3.8	3.8	3.6	3.1	94	82	65-135	13	20
Carbaryl	ug/L	<1.0	3.8	3.8	3.6	3.5	95	92	65-135	3	20
Carbofuran	ug/L	<0.90	3.8	3.8	3.3	3.3	86	87	65-135	0	20
Methomyl	ug/L	<1.0	3.8	3.8	3.3	3.4	88	89	65-135	1	20
Oxamyl	ug/L	<1.0	3.8	3.8	3.5	3.2	94	84	65-135	11	20

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: SOC 7/25

Pace Project No.: 7059446

QC Batch: 76338

Analysis Method: EPA 547

QC Batch Method: EPA 547

Analysis Description: 547 HPLC Glyphosate

Associated Lab Samples: 7059446001

METHOD BLANK: 350806

Matrix: Water

Associated Lab Samples: 7059446001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Glyphosate	ug/L	<6.0	6.0	07/27/18 17:17	

LABORATORY CONTROL SAMPLE: 350807

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Glyphosate	ug/L	25	20.8	83	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 350808 350809

Parameter	Units	7058486001		350809		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result						
Glyphosate	ug/L	<6.0	50	50	37.7	43.8	75	87	70-130	15	30

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: SOC 7/25
Pace Project No.: 7059446

QC Batch: 76901 Analysis Method: EPA 547
QC Batch Method: EPA 547 Analysis Description: 547 HPLC Glyphosate
Associated Lab Samples: 7059446002, 7059446003, 7059446004, 7059446005, 7059446006

METHOD BLANK: 353050 Matrix: Water
Associated Lab Samples: 7059446002, 7059446003, 7059446004, 7059446005, 7059446006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Glyphosate	ug/L	<6.0	6.0	07/30/18 16:34	

LABORATORY CONTROL SAMPLE: 353051

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Glyphosate	ug/L	25	22.0	88	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 353052 353053

Parameter	Units	7059446002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Glyphosate	ug/L	<6.0	50	50	44.7	46.5	89	93	70-130	4	30	

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QUALITY CONTROL DATA

Project: SOC 7/25
Pace Project No.: 7059446

QC Batch: 77519 Analysis Method: EPA 515.3
QC Batch Method: EPA 515.3 Analysis Description: 5153 GCS Herbicides
Associated Lab Samples: 7059446001, 7059446002, 7059446003, 7059446004, 7059446005, 7059446006

METHOD BLANK: 355913 Matrix: Water
Associated Lab Samples: 7059446001, 7059446002, 7059446003, 7059446004, 7059446005, 7059446006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
2,4,5-TP (Silvex)	ug/L	<0.13	0.13	08/10/18 10:49	
2,4-D	ug/L	<0.10	0.10	08/10/18 10:49	
Dalapon	ug/L	<0.70	0.70	08/10/18 10:49	
Dicamba	ug/L	<1.0	1.0	08/10/18 10:49	
Dinoseb	ug/L	<0.20	0.20	08/10/18 10:49	
Pentachlorophenol	ug/L	<0.040	0.040	08/10/18 10:49	
Picloram	ug/L	<0.10	0.10	08/10/18 10:49	
2,4-DCAA (S)	%	97	70-130	08/10/18 10:49	

LABORATORY CONTROL SAMPLE: 355914

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,4,5-TP (Silvex)	ug/L	.2	0.17	86	70-130	
2,4-D	ug/L	.6	0.57	96	70-130	
Dalapon	ug/L	2	1.9	94	70-130	
Dicamba	ug/L	.2	<1.0	114	70-130	
Dinoseb	ug/L	.4	0.43	107	70-130	
Pentachlorophenol	ug/L	.2	0.19	93	70-130	
Picloram	ug/L	.2	0.19	97	70-130	
2,4-DCAA (S)	%			98	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 355915 355916

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
		7059018001 Result	Spike Conc.	Spike Conc.	MS Result						
2,4,5-TP (Silvex)	ug/L	<0.13	.2	.2	0.17	0.14	86	72	65-135	18	20
2,4-D	ug/L	<0.10	.6	.6	0.58	0.54	97	90	65-135	8	20
Dalapon	ug/L	<0.70	2	2	1.8	1.7	92	86	65-135	7	20
Dicamba	ug/L	<1.0	.2	.2	<1.0	<1.0	98	89	65-135		20
Dinoseb	ug/L	<0.20	.4	.4	0.40	0.35	99	87	65-135	13	20
Pentachlorophenol	ug/L	<0.040	.2	.2	0.18	0.18	91	88	65-135	4	20
Picloram	ug/L	<0.10	.2	.2	0.25	0.18	126	90	65-135	33	20 R1
2,4-DCAA (S)	%						92	86	70-130		20

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QUALITY CONTROL DATA

Project: SOC 7/25
Pace Project No.: 7059446

QC Batch: 77416 Analysis Method: EPA 548.1
QC Batch Method: EPA 548.1 Analysis Description: 548 MSSV Endothall
Associated Lab Samples: 7059446001, 7059446002, 7059446003, 7059446004, 7059446005, 7059446006

METHOD BLANK: 355275 Matrix: Water
Associated Lab Samples: 7059446001, 7059446002, 7059446003, 7059446004, 7059446005, 7059446006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Endothall	ug/L	<9.0	9.0	08/06/18 14:22	

LABORATORY CONTROL SAMPLE: 355276

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Endothall	ug/L	50	57.7	115	80-120	

MATRIX SPIKE SAMPLE: 355319

Parameter	Units	7059392001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Endothall	ug/L	<9.0	50	46.0	92	80-120	

SAMPLE DUPLICATE: 355466

Parameter	Units	7059392002 Result	Dup Result	RPD	Max RPD	Qualifiers
Endothall	ug/L	<9.0	<9.0		20	

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QUALITY CONTROL DATA

Project: SOC 7/25
Pace Project No.: 7059446

QC Batch: 464855 Analysis Method: EPA 549.2
QC Batch Method: EPA 549.2 Analysis Description: 549 HPLC Paraquat Diquat
Associated Lab Samples: 7059446001, 7059446002, 7059446003, 7059446004, 7059446005, 7059446006

METHOD BLANK: 2514425 Matrix: Water
Associated Lab Samples: 7059446001, 7059446002, 7059446003, 7059446004, 7059446005, 7059446006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diquat	ug/L	<0.40	0.40	08/02/18 14:53	

LABORATORY CONTROL SAMPLE: 2514426

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Diquat	ug/L	2	1.6	78	70-130	

LABORATORY CONTROL SAMPLE: 2514427

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Diquat	ug/L	.4	0.52	130	50-150	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2514735 2514736

Parameter	Units	7059283001 Result	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
			Spike Conc.	Conc.	Result	Result						
Diquat	ug/L	<0.40	2	2	1.4	1.2	68	62	70-130	9	30	M1

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2514737 2514738

Parameter	Units	7059283002 Result	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
			Spike Conc.	Conc.	Result	Result						
Diquat	ug/L	<0.40	2	2	<0.40	<0.40	0	0	70-130		30	M1

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REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: SOC 7/25

Pace Project No.: 7059446

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

LABORATORIES

PACE-MV Pace Analytical Services - Melville

PASI-O Pace Analytical Services - Ormond Beach

ANALYTE QUALIFIERS

M1 Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

R1 RPD value was outside control limits.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: SOC 7/25
Pace Project No.: 7059446

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
7059446001	S-15687	EPA 515.3	77519	EPA 515.3	77811
7059446002	S-24848	EPA 515.3	77519	EPA 515.3	77811
7059446003	S-50970	EPA 515.3	77519	EPA 515.3	77811
7059446004	S-74071	EPA 515.3	77519	EPA 515.3	77811
7059446005	S-127163	EPA 515.3	77519	EPA 515.3	77811
7059446006	S-58351	EPA 515.3	77519	EPA 515.3	77811
7059446001	S-15687	EPA 531.1	77204		
7059446002	S-24848	EPA 531.1	77204		
7059446003	S-50970	EPA 531.1	77204		
7059446004	S-74071	EPA 531.1	77204		
7059446005	S-127163	EPA 531.1	77204		
7059446006	S-58351	EPA 531.1	77204		
7059446001	S-15687	EPA 547	76338		
7059446002	S-24848	EPA 547	76901		
7059446003	S-50970	EPA 547	76901		
7059446004	S-74071	EPA 547	76901		
7059446005	S-127163	EPA 547	76901		
7059446006	S-58351	EPA 547	76901		
7059446001	S-15687	EPA 549.2	464855	EPA 549.2	466190
7059446002	S-24848	EPA 549.2	464855	EPA 549.2	466190
7059446003	S-50970	EPA 549.2	464855	EPA 549.2	466190
7059446004	S-74071	EPA 549.2	464855	EPA 549.2	466190
7059446005	S-127163	EPA 549.2	464855	EPA 549.2	466190
7059446006	S-58351	EPA 549.2	464855	EPA 549.2	466190
7059446001	S-15687	EPA 548.1	77416	EPA 548.1	77660
7059446002	S-24848	EPA 548.1	77416	EPA 548.1	77660
7059446003	S-50970	EPA 548.1	77416	EPA 548.1	77660
7059446004	S-74071	EPA 548.1	77416	EPA 548.1	77660
7059446005	S-127163	EPA 548.1	77416	EPA 548.1	77660
7059446006	S-58351	EPA 548.1	77416	EPA 548.1	77660

REPORT OF LABORATORY ANALYSIS

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WO#: 7059446



7059446

11747
36

Sample Request Form PUBLIC WATER SUPPLIER

WELL OFF LINE

Date: 7-25-18

Collected By: K. TUTTILL PW Booth

Accepted By: *[Signature]*

Cooler Temp: 1.2 °C

9/5
7/25/18
1404 WELL RUN TO SYSTEM

YES NO VOC'S PRESERVED WITH HCl

Buck 1700

Client Info:

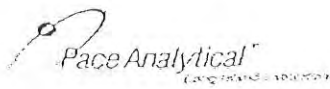
Name or Code: HAMPTON BAYS WATER DISTRICT
Address: P.O. BOX 1013
HAMPTON BAYS, NEW YORK 11946
(631) 728-0179

Phone #: _____
Attn: _____
Proj. # or (Name): _____
Bill To: _____
Copies To: _____

Sample Info:

Date/Time Collected:	Sample Type	Location	Origin	Treatment Type	Purpose	Field Readings Cl ₂ pH/Temp	Analysis	Lab No.
7:50 7-25-18	GW	WELL 1-1	RW	-	RO	6.36 / 14.6°C	SOC	001
7:30 7-25-18	GW	WELL 1-2	RW	-	RO	6.43 / 14.6°C	SOC	002
8:20 7-25-18	GW	WELL 2-1	RW	-	RO	6.66 / 15.0°C	SOC	003
8:40 7-25-18	GW	WELL 2-2	RW	-	RO	6.67 / 17.3°C	SOC	004
9:10 7-25-18	GW	WELL 3-1	RW	-	RO	6.65 / 13.5°C	SOC	005
9:40 7-25-18	GW	WELL 3-2	RW	-	RO	6.76 / 14.6°C	SOC	006

Remarks:



Sample Condition Upon Receipt

Client Name: HBW

WO#: 7059446

PM: SWM Due Date: 08/08/18

CLIENT: HBW

Courier: Fed Ex UPS USPS Client Commercial Pace Other

Tracking #: _____

Custody Seal on Cooler/Box Present: Yes No Seals intact: Yes No

Packing Material: Bubble Wrap Bubble Bags Ziploc None Other

Thermometer Used: TH091

Correction Factor: 0.0

Cooler Temperature (°C): 1.2

Cooler Temperature Corrected (°C): 1.2

Temp should be above freezing to 6.0°C

USDA Regulated Soil (N/A, water sample)

Date and Initials of person examining contents: B 7/25/18

Did samples originate from a foreign source (internationally, including Hawaii and Puerto Rico)? Yes No

Did samples originate in a quarantine zone within the United States: AL, AR, CA, FL, GA, ID, LA, MS, NC, NM, NY, OK, OR, SC, TN, TX, or VA (check map)? YES NO

If Yes to either question, fill out a Regulated Soil Checklist (F-LI-C-010) and include with SCUR/COC paperwork.

				COMMENTS:
Chain of Custody Present:	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		1.
Chain of Custody Filled Out:	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		2.
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		3.
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		5.
Short Hold Time Analysis (<72hr):	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No		6.
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No		7.
Sufficient Volume: (Triple volume provided for MS/MSD)	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		8.
Correct Containers Used:	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		9.
-Pace Containers Used:	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		
Containers Intact:	<input type="checkbox"/> Yes	<input type="checkbox"/> No		10.
Filtered volume received for Dissolved tests	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A	11. Note if sediment is visible in the dissolved container.
Sample Labels match COC:	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		12.
-Includes date/time/ID/Analysis Matrix SL WT OIL				
All containers needing preservation have been checked	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A	13. <input type="checkbox"/> HNO ₃ <input type="checkbox"/> H ₂ SO ₄ <input type="checkbox"/> NaOH <input type="checkbox"/> HCl
pH paper Lot #				Sample #
All containers needing preservation are found to be in compliance with EPA recommendation? (HNO ₃ , H ₂ SO ₄ , HCl, NaOH>9 Sulfide, NAOH>12 Cyanide)	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A	Initial when completed: _____ Lot # of added preservative: _____ Date/Time preservative added: _____
Exceptions: VOA, Coliform, TOC/DOC, Oil and Grease, DRO/8015 (water). Per Method, VOA pH is checked after analysis				
Samples checked for dechlorination:	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A	14. Positive for Res. Chlorine? Y N
KI starch test strips Lot #				
Residual chlorine strips Lot #				
Headspace in VOA Vials (>6mm):	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> N/A	15.
Trip Blank Present:	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A	16.
Trip Blank Custody Seals Present	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A	
Pace Trip Blank Lot # (if applicable): _____				

Field Data Required? _____

Y / N

Date/Time: _____

Client Notification/ Resolution: _____

Person Contacted: _____

Comments/ Resolution: _____

* PM (Project Manager) review is documented electronically in LIMS.

F-LI-C-002-rev.02



Microbac Laboratories, Inc. - Dayville

CERTIFICATE OF ANALYSIS

D8G2749

Pace Analytical - Melville

Project Name: 7059446

Stu Murrell
575 Broad Hollow Road
Melville, NY 11747

Project / PO Number: 7059446SWM
Received: 07/27/2018
Reported: 08/02/2018

Analytical Testing Parameters

Table with 4 columns: Client Sample ID, Sample Matrix, Lab Sample ID, Collected By, Collection Date. Values include S-15687, Drinking Water, D8G2749-01, Customer, 07/25/2018 7:50.

Main data table for S-15687. Columns: Semi-Volatile Organic Compounds - GC/MS, Result, Limit(s), RL, Units, Note, Prepared, Analyzed, Analyst. Includes method EPA 525.2, Rv 2.0 and various chemical compounds like Atrazine, Benzo[a]pyrene, etc.

Table with 4 columns: Client Sample ID, Sample Matrix, Lab Sample ID, Collected By, Collection Date. Values include S-24848, Drinking Water, D8G2749-02, Customer, 07/25/2018 7:30.

Main data table for S-24848. Columns: Semi-Volatile Organic Compounds - GC/MS, Result, Limit(s), RL, Units, Note, Prepared, Analyzed, Analyst. Includes method EPA 525.2, Rv 2.0 and various chemical compounds like Atrazine, Benzo[a]pyrene, etc.



Microbac Laboratories, Inc. - Dayville

CERTIFICATE OF ANALYSIS

D8G2749

Client Sample ID: S-50970	Collected By: Customer
Sample Matrix: Drinking Water	Collection Date: 07/25/2018 8:20
Lab Sample ID: D8G2749-03	

Semi-Volatile Organic Compounds - GC/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 525.2, Rv 2.0								
Atrazine	<0.099	3.00 MCL	0.099	ug/L		08/01/18 1100	08/02/18 0226	CDT
Benzo[a]pyrene	<0.020	0.200 MCL	0.020	ug/L		08/01/18 1100	08/02/18 0226	CDT
Butachlor	<0.099		0.099	ug/L		08/01/18 1100	08/02/18 0226	CDT
bis(2-Ethylhexyl)adipate	<0.594	400 MCL	0.594	ug/L		08/01/18 1100	08/02/18 0226	CDT
bis(2-Ethylhexyl)phthalate	<0.594	6.00 MCL	0.594	ug/L		08/01/18 1100	08/02/18 0226	CDT
Metolachlor	<0.099		0.099	ug/L		08/01/18 1100	08/02/18 0226	CDT
Metribuzin	<0.099		0.099	ug/L		08/01/18 1100	08/02/18 0226	CDT
Propachlor (Ramrod)	<0.099		0.099	ug/L		08/01/18 1100	08/02/18 0226	CDT
Simazine	<0.069	4.00 MCL	0.069	ug/L		08/01/18 1100	08/02/18 0226	CDT
Surrogate: 1,3-Dimethyl-2-nitrobenzene	98.0	Limit: 70-130		% Rec		08/01/18 1100	08/02/18 0226	CDT
Surrogate: Pyrene-d10	102	Limit: 70-130		% Rec		08/01/18 1100	08/02/18 0226	CDT
Surrogate: Triphenyl phosphate	119	Limit: 70-130		% Rec		08/01/18 1100	08/02/18 0226	CDT

Client Sample ID: S-74071	Collected By: Customer
Sample Matrix: Drinking Water	Collection Date: 07/25/2018 8:40
Lab Sample ID: D8G2749-04	

Semi-Volatile Organic Compounds - GC/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 525.2, Rv 2.0								
Atrazine	<0.099	3.00 MCL	0.099	ug/L		08/01/18 1100	08/02/18 0255	CDT
Benzo[a]pyrene	<0.020	0.200 MCL	0.020	ug/L		08/01/18 1100	08/02/18 0255	CDT
Butachlor	<0.099		0.099	ug/L		08/01/18 1100	08/02/18 0255	CDT
bis(2-Ethylhexyl)adipate	<0.594	400 MCL	0.594	ug/L		08/01/18 1100	08/02/18 0255	CDT
bis(2-Ethylhexyl)phthalate	<0.594	6.00 MCL	0.594	ug/L		08/01/18 1100	08/02/18 0255	CDT
Metolachlor	<0.099		0.099	ug/L		08/01/18 1100	08/02/18 0255	CDT
Metribuzin	<0.099		0.099	ug/L		08/01/18 1100	08/02/18 0255	CDT
Propachlor (Ramrod)	<0.099		0.099	ug/L		08/01/18 1100	08/02/18 0255	CDT
Simazine	<0.069	4.00 MCL	0.069	ug/L		08/01/18 1100	08/02/18 0255	CDT
Surrogate: 1,3-Dimethyl-2-nitrobenzene	98.0	Limit: 70-130		% Rec		08/01/18 1100	08/02/18 0255	CDT
Surrogate: Pyrene-d10	103	Limit: 70-130		% Rec		08/01/18 1100	08/02/18 0255	CDT
Surrogate: Triphenyl phosphate	120	Limit: 70-130		% Rec		08/01/18 1100	08/02/18 0255	CDT



Microbac Laboratories, Inc. - Dayville

CERTIFICATE OF ANALYSIS

D8G2749

Client Sample ID: S-127163	Collected By: Customer
Sample Matrix: Drinking Water	Collection Date: 07/25/2018 9:10
Lab Sample ID: D8G2749-05	

Semi-Volatile Organic Compounds - GC/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 525.2, Rv 2.0								
Atrazine	<0.094	3.00 MCL	0.094	ug/L		08/01/18 1100	08/01/18 1849	CDT
Benzo[a]pyrene	<0.019	0.200 MCL	0.019	ug/L		08/01/18 1100	08/01/18 1849	CDT
Butachlor	<0.094		0.094	ug/L		08/01/18 1100	08/01/18 1849	CDT
bis(2-Ethylhexyl)adipate	<0.566	400 MCL	0.566	ug/L		08/01/18 1100	08/01/18 1849	CDT
bis(2-Ethylhexyl)phthalate	<0.566	6.00 MCL	0.566	ug/L		08/01/18 1100	08/01/18 1849	CDT
Metolachlor	<0.094		0.094	ug/L		08/01/18 1100	08/01/18 1849	CDT
Metribuzin	<0.094		0.094	ug/L		08/01/18 1100	08/01/18 1849	CDT
Propachlor (Ramrod)	<0.094		0.094	ug/L		08/01/18 1100	08/01/18 1849	CDT
Simazine	<0.066	4.00 MCL	0.066	ug/L		08/01/18 1100	08/01/18 1849	CDT
Surrogate: 1,3-Dimethyl-2-nitrobenzene	99.0	Limit: 70-130		% Rec		08/01/18 1100	08/01/18 1849	CDT
Surrogate: Pyrene-d10	106	Limit: 70-130		% Rec		08/01/18 1100	08/01/18 1849	CDT
Surrogate: Triphenyl phosphate	114	Limit: 70-130		% Rec		08/01/18 1100	08/01/18 1849	CDT

Client Sample ID: S-58351	Collected By: Customer
Sample Matrix: Drinking Water	Collection Date: 07/25/2018 9:40
Lab Sample ID: D8G2749-06	

Semi-Volatile Organic Compounds - GC/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 525.2, Rv 2.0								
Atrazine	<0.099	3.00 MCL	0.099	ug/L		08/01/18 1100	08/02/18 0323	CDT
Benzo[a]pyrene	<0.020	0.200 MCL	0.020	ug/L		08/01/18 1100	08/02/18 0323	CDT
Butachlor	<0.099		0.099	ug/L		08/01/18 1100	08/02/18 0323	CDT
bis(2-Ethylhexyl)adipate	<0.594	400 MCL	0.594	ug/L		08/01/18 1100	08/02/18 0323	CDT
bis(2-Ethylhexyl)phthalate	<0.594	6.00 MCL	0.594	ug/L		08/01/18 1100	08/02/18 0323	CDT
Metolachlor	<0.099		0.099	ug/L		08/01/18 1100	08/02/18 0323	CDT
Metribuzin	<0.099		0.099	ug/L		08/01/18 1100	08/02/18 0323	CDT
Propachlor (Ramrod)	<0.099		0.099	ug/L		08/01/18 1100	08/02/18 0323	CDT
Simazine	<0.069	4.00 MCL	0.069	ug/L		08/01/18 1100	08/02/18 0323	CDT
Surrogate: 1,3-Dimethyl-2-nitrobenzene	97.0	Limit: 70-130		% Rec		08/01/18 1100	08/02/18 0323	CDT
Surrogate: Pyrene-d10	106	Limit: 70-130		% Rec		08/01/18 1100	08/02/18 0323	CDT
Surrogate: Triphenyl phosphate	119	Limit: 70-130		% Rec		08/01/18 1100	08/02/18 0323	CDT

Results in **bold** have exceeded a limit defined for this project. Limits are provided for reference but as regulatory limits change frequently, Microbac Laboratories, Inc. advises the recipient of this report to confirm such limits and units of concentration with the appropriate Federal, state or local authorities before acting on the data.

Definitions

- MCL:** US EPA Maximum Contaminant Level
- RL:** Reporting Limit



Microbac Laboratories, Inc. - Dayville

CERTIFICATE OF ANALYSIS

D8G2749

Project Requested Certification(s)

Microbac Laboratories, Inc. - Dayville
11549

New York State Department of Health

Report Comments

Samples were received in proper condition and the reported results conform to applicable accreditation standard unless otherwise noted.

The data and information on this, and other accompanying documents, represents only the sample(s) analyzed. This report is incomplete unless all pages indicated in the footnote are present and an authorized signature is included.

Reviewed and Approved By:

A handwritten signature in black ink that reads "Melisa L. Montgomery".

Melisa L. Montgomery
QA Officer

Reported: 08/02/2018 17:15

Microbac Laboratories, Inc.

61 Louisa Viens Drive | Dayville, CT 06241 | 860.774.6814 p | www.microbac.com

Chain of Custody



D 8 G 2 7 4 9
Pace Analytical - Melville



Workorder: 7059446

Workorder Name: SOC 7/25

Results Requested By: 8/8/2018

Report / Invoice To: Subcontract To: Requested Analysis

Stu Murrell
Pace Analytical Melville
575 Broad Hollow Road
Melville, NY 11747
Phone (631)694-3040
Email: stu.murrell@pacelabs.com

P.O. 7059446SWM

Microbac
CT.

State of Sample Origin: NY

Item	Sample ID	Collect Date/Time	Lab ID	Matrix	Preserved Containers		Subcontracted 525.2	LAB USE ONLY
					Other			
1	S-15687	7/25/2018 07:50	7059446001	Drinking			X	
2	S-24848	7/25/2018 07:30	7059446002	Drinking			X	
3	S-50970	7/25/2018 08:20	7059446003	Drinking			X	
4	S-74071	7/25/2018 08:40	7059446004	Drinking			X	
5	S-127163	7/25/2018 09:10	7059446005	Drinking			X	
6	S-58351	7/25/2018 09:40	7059446006	Drinking			X	

Comments

Transfers	Released By	Date/Time	Received By	Date/Time
1	<i>Stu Murrell</i>	7/26/18		
2				
3				7/27/18 1744

Cooler Temperature on Receipt: 21°C Custody Seal Y or N Received on Ice Y or N Samples Intact Y or N