

Analytical Data

Client: Village of Cold Spring

Job Number: 420-123004-1

Sdg Number: Foundry Brook WTP 3903652

Client Sample ID: **Entry Point**

Lab Sample ID: 420-123004-1

Date Sampled: 06/30/2017 1300

Client Matrix: Drinking Water

Date Received: 06/30/2017 1350

524.2 Purgeable Organic Compounds in Water by GC/MS

Method: 524.2

Analysis Batch: 420-112233

Instrument ID: Agilent 7890A/5975C

Preparation: N/A

Lab File ID: X071018.D

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 07/10/2017 1847

Final Weight/Volume: 5 mL

Date Prepared: N/A

Analyte	Result (ug/L)	Qualifier	RL	RL
1,1,1,2-Tetrachloroethane	0.50	U	0.50	0.50
1,1,1-Trichloroethane	0.50	U	0.50	0.50
1,1,2,2-Tetrachloroethane	0.50	U	0.50	0.50
1,1,2-Trichloroethane	0.50	U	0.50	0.50
1,1-Dichloroethane	0.50	U	0.50	0.50
1,1-Dichloroethene	0.50	U	0.50	0.50
1,1-Dichloropropene	0.50	U	0.50	0.50
1,2,3-Trichlorobenzene	0.50	U	0.50	0.50
1,2,3-Trichloropropane	0.50	U	0.50	0.50
1,2,4-Trichlorobenzene	0.50	U	0.50	0.50
1,2,4-Trimethylbenzene	0.50	U	0.50	0.50
1,2-Dichloroethane	0.50	U	0.50	0.50
1,2-Dichlorobenzene	0.50	U	0.50	0.50
1,2-Dichloropropane	0.50	U	0.50	0.50
1,3-Dichloropropane	0.50	U	0.50	0.50
1,4-Dichlorobenzene	0.50	U	0.50	0.50
2,2-Dichloropropane	0.50	U	0.50	0.50
Benzene	0.50	U	0.50	0.50
Bromobenzene	0.50	U	0.50	0.50
Bromochloromethane	0.50	U	0.50	0.50
Bromomethane	0.50	U	0.50	0.50
n-Butylbenzene	0.50	U	0.50	0.50
cis-1,2-Dichloroethene	0.50	U	0.50	0.50
cis-1,3-Dichloropropene	0.50	U*	0.50	0.50
Carbon tetrachloride	0.50	U	0.50	0.50
Chlorobenzene	0.50	U	0.50	0.50
Chloroethane	0.50	U	0.50	0.50
Chloromethane	0.50	U	0.50	0.50
Dibromomethane	0.50	U	0.50	0.50
Ethylbenzene	0.50	U	0.50	0.50
Dichlorodifluoromethane	0.50	U	0.50	0.50
Hexachlorobutadiene	0.50	U	0.50	0.50
Isopropylbenzene	0.50	U	0.50	0.50
p-Isopropyltoluene	0.50	U	0.50	0.50
Methylene Chloride	0.50	U	0.50	0.50
m-Xylene & p-Xylene	1.0	U	1.0	1.0
Methyl tert-butyl ether	0.50	U	0.50	0.50
o-Xylene	0.50	U	0.50	0.50
Tetrachloroethene	0.50	U	0.50	0.50
Toluene	0.50	U	0.50	0.50
trans-1,2-Dichloroethene	0.50	U	0.50	0.50
trans-1,3-Dichloropropene	0.50	U*	0.50	0.50
Trichloroethene	0.50	U	0.50	0.50
tert-Butylbenzene	0.50	U	0.50	0.50

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Job Number: 420-123004-1
Sdg Number: Foundry Brook WTP 3903652**Client Sample ID:** **Entry Point**Lab Sample ID: 420-123004-1
Client Matrix: Drinking WaterDate Sampled: 06/30/2017 1300
Date Received: 06/30/2017 1350**524.2 Purgeable Organic Compounds in Water by GC/MS**Method: 524.2
Preparation: N/A
Dilution: 1.0
Date Analyzed: 07/10/2017 1847
Date Prepared: N/A

Analysis Batch: 420-112233

Instrument ID: Agilent 7890A/5975C
Lab File ID: X071018.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	RL	RL
Trichlorofluoromethane	0.50	U	0.50	0.50
Vinyl chloride	0.50	U	0.50	0.50
Xylenes, Total	1.5	U	1.5	1.5
Styrene	0.50	U	0.50	0.50
sec-Butylbenzene	0.50	U	0.50	0.50
1,3,5-Trimethylbenzene	0.50	U	0.50	0.50
N-Propylbenzene	0.50	U	0.50	0.50
1,3-Dichlorobenzene	0.50	U	0.50	0.50
2-Chlorotoluene	0.50	U	0.50	0.50
4-Chlorotoluene	0.50	U	0.50	0.50
Surrogate	%Rec		Acceptance Limits	
4-Bromofluorobenzene	101		71 - 120	
Toluene-d8 (Surr)	111		79 - 121	
1,2-Dichloroethane-d4 (Surr)	98		70 - 128	

ANALYTICAL RESULTS

Project: Village of Cold Springs 123004
Pace Project No.: 35321464

Sample: Entry Point (420-123004-1) Lab ID: 35321464001 Collected: 06/30/17 13:00 Received: 07/01/17 12:20 Matrix: Drinking Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
504.1 GCS EDB and DBCP									
Analytical Method: EPA 504.1 Preparation Method: EPA 504.1									
1,2-Dibromo-3-chloropropane	<0.0061	ug/L	0.019	0.0061	1	07/11/17 04:15	07/11/17 20:07	96-12-8	
1,2-Dibromoethane (EDB)	<0.0071	ug/L	0.0095	0.0071	1	07/11/17 04:15	07/11/17 20:07	106-93-4	
505 GCS Pesticides/PCBs									
Analytical Method: EPA 505 Preparation Method: EPA 505									
Aldrin	<0.025	ug/L	0.025	0.025	1	07/07/17 13:57	07/07/17 20:22	309-00-2	
Surrogates									
Tetrachloro-m-xylene (S)	97	%	30-150		1	07/07/17 13:57	07/07/17 20:22	877-09-8	
Decachlorobiphenyl (S)	88	%	30-150		1	07/07/17 13:57	07/07/17 20:22	2051-24-3	
508.1 GCS Pesticides									
Analytical Method: EPA 508.1 Preparation Method: EPA 508.1									
Alachlor	<0.034	ug/L	0.19	0.034	1	07/11/17 17:00	07/14/17 08:10	15972-60-8	
Atrazine	<0.060	ug/L	0.096	0.060	1	07/11/17 17:00	07/14/17 08:10	1912-24-9	
gamma-BHC (Lindane)	<0.0029	ug/L	0.019	0.0029	1	07/11/17 17:00	07/14/17 08:10	58-89-9	
Butachlor	<0.026	ug/L	0.096	0.026	1	07/11/17 17:00	07/14/17 08:10	23184-66-9	
Chlordane (Technical)	<0.045	ug/L	0.19	0.045	1	07/11/17 17:00	07/14/17 08:10	57-74-9	
Dieldrin	<0.018	ug/L	0.096	0.018	1	07/11/17 17:00	07/14/17 08:10	60-57-1	
Endrin	<0.0067	ug/L	0.0096	0.0067	1	07/11/17 17:00	07/14/17 08:10	72-20-8	
Heptachlor	<0.012	ug/L	0.038	0.012	1	07/11/17 17:00	07/14/17 08:10	76-44-8	
Heptachlor epoxide	<0.0029	ug/L	0.019	0.0029	1	07/11/17 17:00	07/14/17 08:10	1024-57-3	
Hexachlorobenzene	<0.018	ug/L	0.096	0.018	1	07/11/17 17:00	07/14/17 08:10	118-74-1	
Hexachlorocyclopentadiene	<0.031	ug/L	0.096	0.031	1	07/11/17 17:00	07/14/17 08:10	77-47-4	
Methoxychlor	<0.049	ug/L	0.096	0.049	1	07/11/17 17:00	07/14/17 08:10	72-43-5	
Metolachlor	<0.045	ug/L	0.096	0.045	1	07/11/17 17:00	07/14/17 08:10	51218-45-2	
PCB, Total	<0.077	ug/L	0.096	0.077	1	07/11/17 17:00	07/14/17 08:10	1336-36-3	
Propachlor	<0.029	ug/L	0.096	0.029	1	07/11/17 17:00	07/14/17 08:10	1918-16-7	
Simazine	<0.066	ug/L	0.067	0.066	1	07/11/17 17:00	07/14/17 08:10	122-34-9	
Toxaphene	<0.58	ug/L	0.96	0.58	1	07/11/17 17:00	07/14/17 08:10	8001-35-2	
Surrogates									
Decachlorobiphenyl (S)	86	%	70-130		1	07/11/17 17:00	07/14/17 08:10	2051-24-3	
515.3 Chlorinated Herbicides									
Analytical Method: EPA 515.3 Preparation Method: EPA 515.3									
2,4-D	<0.081	ug/L	0.10	0.081	1	07/06/17 10:00	07/08/17 03:17	94-75-7	
Dalapon	<0.89	ug/L	1.0	0.89	1	07/06/17 10:00	07/08/17 03:17	75-99-0	
Dicamba	<0.067	ug/L	0.10	0.067	1	07/06/17 10:00	07/08/17 03:17	1918-00-9	
Dinoseb	<0.16	ug/L	0.20	0.16	1	07/06/17 10:00	07/08/17 03:17	88-85-7	
Pentachlorophenol	<0.030	ug/L	0.040	0.030	1	07/06/17 10:00	07/08/17 03:17	87-86-5	
Picloram	<0.094	ug/L	0.10	0.094	1	07/06/17 10:00	07/08/17 03:17	1918-02-1	
2,4,5-TP (Silvex)	<0.16	ug/L	0.20	0.16	1	07/06/17 10:00	07/08/17 03:17	93-72-1	
Surrogates									
2,4-DCAA (S)	90	%	70-130		1	07/06/17 10:00	07/08/17 03:17	19719-28-9	
531.1 HPLC Carbamates									
Analytical Method: EPA 531.1									
Aldicarb	<0.64	ug/L	2.0	0.64	1		07/13/17 14:11	116-06-3	
Aldicarb sulfone	<0.37	ug/L	2.0	0.37	1		07/13/17 14:11	1646-88-4	
Aldicarb sulfoxide	<0.59	ug/L	2.0	0.59	1		07/13/17 14:11	1646-87-3	
Carbofuran	<0.32	ug/L	2.0	0.32	1		07/13/17 14:11	1563-66-2	L1,M0

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Village of Cold Springs 123004
Pace Project No.: 35321464

Sample: Entry Point (420-123004-1) Lab ID: 35321464001 Collected: 06/30/17 13:00 Received: 07/01/17 12:20 Matrix: Drinking Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
531.1 HPLC Carbamates		Analytical Method: EPA 531.1							
3-Hydroxycarbofuran	<0.45	ug/L	2.0	0.45	1		07/13/17 14:11	16655-82-6	
Methomyl	<0.57	ug/L	2.0	0.57	1		07/13/17 14:11	16752-77-5	
Oxamyl	<0.55	ug/L	2.0	0.55	1		07/13/17 14:11	23135-22-0	
Carbaryl	<0.27	ug/L	2.0	0.27	1		07/13/17 14:11	63-25-2	
Surrogates									
BDMC (S)	147	%	80-120		1		07/13/17 14:11		S3
547 HPLC Glyphosate		Analytical Method: EPA 547							
Glyphosate	<4.2	ug/L	6.0	4.2	1		07/12/17 19:55		
525.2 Base Neutral Extractable		Analytical Method: EPA 525.2 Preparation Method: EPA 525.2							
Benzo(a)pyrene	<0.012	ug/L	0.096	0.012	1	07/11/17 17:00	07/12/17 18:25	50-32-8	
bis(2-Ethylhexyl)adipate	<0.37	ug/L	1.5	0.37	1	07/11/17 17:00	07/12/17 18:25	103-23-1	
bis(2-Ethylhexyl)phthalate	<0.48	ug/L	1.9	0.48	1	07/11/17 17:00	07/12/17 18:25	117-81-7	
Metribuzin	<0.14	ug/L	0.29	0.14	1	07/11/17 17:00	07/12/17 18:25	21087-64-9	
Surrogates									
1,3-Dimethyl-2-nitrobenzene(S)	119	%	70-130		1	07/11/17 17:00	07/12/17 18:25	81209	
Perylene-d12 (S)	85	%	70-130		1	07/11/17 17:00	07/12/17 18:25	1520963	
Triphenylphosphate (S)	119	%	70-130		1	07/11/17 17:00	07/12/17 18:25	115-86-6	

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