



Synthetic Organic Contaminant Report

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

PWS ID #: 4310003

City / Town: Onset

PWS Name: Onset Fire District

PWS Class: COM ☒ NTNC ☐ TNC ☐

DEP LOCATION (LOC) ID#	DEP Location Name	Sample Information	Date Collected	Collected By
10405	Well 7	*Please note all samples are considered representative of finished water if there is no treatment applied ☐ (M)ultiple ☒ (R)aw ☒ (S)ingle ☒ (F)inished	04/28/2020	Customer
Routine or Special Sample		Original, Resubmitted or Confirmation Report		
☒ RS ☐ SS		☐ Original ☐ Resubmitted ☐ Confirmation		
		(1) Reason for Resubmission		
		(2) Collection Date of Original Sample		
		☐ Resample ☐ Reanalysis ☐ Report Correction		

SAMPLE NOTES - (Such as, if a Manifold/Multiple sample, list the sources that were on-line during sample collection).

II. ANALYTICAL LABORATORY INFORMATION

Primary Lab MA Cert. #: M-CT008

Primary Lab Name: Microbac Laboratories, Inc. - Dayville

Subcontract? (Y/N)

N

Analytical Methods (List All)	Date Extracted	Date Analyzed	Analysis Lab MA Cert#	Analysis Lab Name	Lab Sample ID#
EPA 504.1, Rv. 1.1 (1995)	04/30/2020	04/30/2020	M-CT008	Microbac Laboratories, Inc. - Dayville	D0D2086-01
EPA 505, Rv. 2.1 (1995)	05/01/2020	05/01/2020	M-CT008	Microbac Laboratories, Inc. - Dayville	D0D2086-01
EPA 515.3, Rv. 1 (1996)	04/30/2020	04/30/2020	M-CT008	Microbac Laboratories, Inc. - Dayville	D0D2086-01
EPA 525.2, Rv. 2 (1995)	05/01/2020	05/05/2020	M-CT008	Microbac Laboratories, Inc. - Dayville	D0D2086-01
EPA 531.2, Rv. 1 (2001)	04/30/2020	05/01/2020	M-CT008	Microbac Laboratories, Inc. - Dayville	D0D2086-01

Was this Sample Compositd by the Lab?	COMPOSITE SAMPLE NOTES
Yes ☐	List the composited sources by DEP Source Code (XXXXX-XXX), up to five individual sources per sample.
LAB SAMPLE NOTES	

CAS#	SOC Regulated Contaminants	Results $\mu\text{g/L}$	MCL $\mu\text{g/L}$	MDL $\mu\text{g/L}$	Analytical Method
1563-66-2	Carbofuran	<0.900	40	0.900	EPA 531.2, Rv. 1 (2001)
23135-22-0	Oxamyl	<2.00	200	2.00	EPA 531.2, Rv. 1 (2001)
97-75-7	2,4-D	<0.100	70	0.100	EPA 515.3, Rv. 1 (1996)
93-72-1	2,4,5-TP (Silvex)	<0.200	50	0.200	EPA 515.3, Rv. 1 (1996)
75-99-0	DALAPON	<1.00	200	1.00	EPA 515.3, Rv. 1 (1996)
88-85-7	DINOSEB	<0.200	7	0.200	EPA 515.3, Rv. 1 (1996)
1918-02-1	PICLORAM	<0.100	500	0.100	EPA 515.3, Rv. 1 (1996)
87-86-5	PENTACHLOROPHENOL	<0.0400	1	0.0400	EPA 515.3, Rv. 1 (1996)
15972-60-8	ALACHLOR	<0.192	2	0.192	EPA 525.2, Rv. 2 (1995)
1912-24-9	ATRAZINE	<0.096	3	0.096	EPA 525.2, Rv. 2 (1995)
72-20-8	ENDRIN	<0.0100	2	0.0100	EPA 505, Rv. 2.1 (1995)
76-44-8	HEPTACHLOR	<0.038	0.4	0.038	EPA 525.2, Rv. 2 (1995)
1024-57-3	HEPTACHLOR EPOXIDE	<0.019	0.2	0.019	EPA 525.2, Rv. 2 (1995)
58-89-9	LINDANE	<0.019	0.2	0.019	EPA 525.2, Rv. 2 (1995)
72-43-5	METHOXYCHLOR	<0.096	40	0.096	EPA 525.2, Rv. 2 (1995)
118-74-1	HEXACHLOROBENZENE	<0.096	1	0.096	EPA 525.2, Rv. 2 (1995)
77-47-4	HEXACHLOROCYCLOPENTADIENE	<0.096	50	0.096	EPA 525.2, Rv. 2 (1995)
122-34-9	SIMAZINE	<0.067	4	0.067	EPA 525.2, Rv. 2 (1995)
50-32-8	BENZO(A)PYRENE	<0.019	0.2	0.019	EPA 525.2, Rv. 2 (1995)
70147-21-6	DI(2-ETHYLHEXYL)ADIPATE	<0.577	400	0.577	EPA 525.2, Rv. 2 (1995)
117-81-7	DI(2-ETHYLHEXYL)PHTHALATE	<0.577	6	0.577	EPA 525.2, Rv. 2 (1995)
57-74-9	CHLORDANE	<0.200	2	0.200	EPA 505, Rv. 2.1 (1995)
8001-35-2	TOXAPHENE	<1.00	3	1.00	EPA 505, Rv. 2.1 (1995)
12674-11-2	PCB AROCLOR 1016	<0.0800		0.0800	EPA 505, Rv. 2.1 (1995)
11104-28-2	PCB AROCLOR 1221	<20.0		20.0	EPA 505, Rv. 2.1 (1995)
11141-16-5	PCB AROCLOR 1232	<0.500		0.500	EPA 505, Rv. 2.1 (1995)



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CAS#	SOC Regulated Contaminants	Results µg/L	MCL µg/L	MDL µg/L	Analytical Method
53469-21-9	PCB AROCLOR 1242	<0.300		0.300	EPA 505, Rv. 2.1 (1995)
12672-29-6	PCB AROCLOR 1248	<0.100		0.100	EPA 505, Rv. 2.1 (1995)
11097-69-1	PCB AROCLOR 1254	<0.100		0.100	EPA 505, Rv. 2.1 (1995)
11096-82-5	PCB AROCLOR 1260	<0.100		0.100	EPA 505, Rv. 2.1 (1995)
Monitoring requirements for DBCP and EDB have been waived statewide for SURFACE WATER SOURCES ONLY. All groundwater sources must monitor for these two contaminants.					
96-12-8	DIBROMOCHLOROPROPANE (DBCP)	<0.0100	0.2	0.0100	EPA 504.1, Rv. 1.1 (1995)
106-93-4	ETHYLENEDIBROMIDE (EDB)	<0.0100	0.05	0.0100	EPA 504.1, Rv. 1.1 (1995)

CAS#	SOC Unregulated Contaminants	Results µg/L	ORSG µg/L	MDL µg/L	Analytical Method
116-06-3	ALDICARB	<0.500	3*	0.500	EPA 531.2, Rv. 1 (2001)
1646-88-4	ALDICARB SULFONE	<0.800	2*	0.800	EPA 531.2, Rv. 1 (2001)
1646-87-3	ALDICARB SULFOXIDE	<0.500	4*	0.500	EPA 531.2, Rv. 1 (2001)
63-25-2	CARBARYL	<0.500	---	0.500	EPA 531.2, Rv. 1 (2001)
16655-82-6	3-HYDROXYCARBOFURAN	<0.500	---	0.500	EPA 531.2, Rv. 1 (2001)
16752-77-5	METHOMYL	<0.500	---	0.500	EPA 531.2, Rv. 1 (2001)
1918-00-9	DICAMBA	<0.100	---	0.100	EPA 515.3, Rv. 1 (1996)
309-00-2	ALDRIN	<0.096	---	0.096	EPA 525.2, Rv. 2 (1995)
23184-66-9	BUTACHLOR	<0.096	---	0.096	EPA 525.2, Rv. 2 (1995)
60-57-1	DIELDRIN	<0.0200	---	0.0200	EPA 505, Rv. 2.1 (1995)
51218-45-2	METOLACHLOR	<0.096	---	0.096	EPA 525.2, Rv. 2 (1995)
21087-64-9	METRIBUZIN	<0.096	100*	0.096	EPA 525.2, Rv. 2 (1995)
1918-16-7	PROPACHLOR	<0.096	---	0.096	EPA 525.2, Rv. 2 (1995)

* No MCL, however the DEP Office of Research and Standards has established a guideline (ORSG) limit for this contaminant.

Method	Surrogate Name	% Recovery (70 - 130%)
EPA 525.2, Rv. 2 (1995)	1,3-Dimethyl-2-nitrobenzene	99.0
EPA 505, Rv. 2.1 (1995)	2,4,5,6-Tetrachloro-m-xylene [2C]	79.5
EPA 515.3, Rv. 1 (1996)	2,4-Dichloropenylacetic acid [2C]	96.1
EPA 525.2, Rv. 2 (1995)	Triphenyl phosphate	104

Method	Surrogate Name	% Recovery (70 - 130%)
EPA 504.1, Rv. 1.1 (1995)	2,4,5,6-Tetrachloro-m-xylene [2C]	75.0
EPA 515.3, Rv. 1 (1996)	2,4-Dichloropenylacetic acid	94.8
EPA 531.2, Rv. 1 (2001)	4-Bromo-3,5-dimethylphenyl-N-methylcarbamate	99.7
EPA 525.2, Rv. 2 (1995)	Pyrene-d10	100

I certify under penalties of law that I am the person
authorized to fill out this form and the information contained herein is
true, accurate and complete to the best extent of my knowledge

Primary Lab Director Signature: 

Date: 5/6/2020

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

DEP REVIEW STATUS (Initial & Date)	Review Comments	☐ WQTS Data Entered
☐ Accepted ☐ Disapproved		