



**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 8**

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Ref: Crow Agency Vandalism Site

The attached sample results represent emergency drinking water samples taken in the hours following a vandalism event at the Crow Agency Water Authority Treatment Plant in Crow Agency, MT. The samples were analyzed for standard suites of chemicals following specific drinking water protocols in place to ensure the system is free of contaminants prior to being put back into service.

All results in the following pages are non-detect or below levels of concern for drinking water.

Sample locations are indicated by the Sample Name:

- 1710075-01 is from inside the water treatment plant
- 1710075-02 is from a tap at the school

Questions about these results should be directed to Barb Burkland at (406) 457-5009.



Printed on Recycled Paper

Wellherb Report

Sample Name: 1710075-01
Data File Name: 09_1710075-01.D
Data File Path: D:\515 Data\2017\100517wh\
Date Acquired: 10/5/2017 17:42
Operator: JAM
Instrument: GCECD
Acq. Method: 515 GCECD.M
Quant. Method: D:\GCECD\DA Methods\515\2017\Wellherb DA_100517.M
Dilution: 1
Comment:

<u>Target Analyte</u>	<u>Ret Time</u>	<u>Amount (ppb)</u>	<u>DL</u>	<u>MCL</u>
Dalapon	4.136	-1.000	1	200
Dicamba	10.562	-1.000	0.1	
2,4 D	11.814	0.139	0.3	70
Silvex	13.228	-1.000	0.1	50
PCP	12.197	0.016	0.1	1
Dinoseb	18.009	0.008	0.2	7
Picloram	17.319	-1.000	0.25	500
Acifluorfen	0.000	0.000	0.1	
Signal #2				
Dalapon #2	0.000	0.000		
Dicamba #2	0.000	0.000		
2,4 D #2	13.301	-1.000		
Silvex #2	15.408	0.002		
PCP #2	0.000	0.000		
Dinoseb #2	0.000	0.000		
Picloram #2	21.500	-1.000		
Acifluorfen #2	30.177	-1.000		

ND
Jmm 10/6/17

<u>Surrogate</u>			<u>% Rec</u> <u>(70-130%)</u>
DCPAA SS	10.299	24.963	100%
DCPAA SS #2	11.458	25.739	103%

<u>Internal Standard</u>	<u>Target Response</u>	<u>Avg Cal Resp</u>	<u>% Cal</u> <u>Resp (50-150%)</u>
DBOB IS	10058657	9854615	102%
DBOB IS #2	15671438	15140586	104%

(m) manual integration

Wellherb Report

Sample Name: 1710075-02
Data File Name: 10_1710075-02.D
Data File Path: D:\515 Data\2017\100517wh\
Date Acquired: 10/5/2017 18:24
Operator: JAM
Instrument: GCECD
Acq. Method: 515 GCECD.M
Quant. Method: D:\GCECD\DA Methods\515\2017\Wellherb DA_100517.M
Dilution: 1
Comment:

<u>Target Analyte</u>	<u>Ret Time</u>	<u>Amount (ppb)</u>	<u>DL</u>	<u>MCL</u>
Dalapon	4.136	0.476	1	200
Dicamba	10.563	-1.000	0.1	
2,4 D	11.813	0.166	0.3	70
Silvex	13.194	-1.000	0.1	50
PCP	12.273	0.017	0.1	1
Dinoseb	17.786	0.023	0.2	7
Picloram	17.443	-1.000	0.25	500
Acifluorfen	28.865	0.021	0.1	

Signal #2

Dalapon #2	0.000	0.000
Dicamba #2	11.649	0.061
2,4 D #2	0.000	0.000
Silvex #2	15.392	-1.000
PCP #2	0.000	0.000
Dinoseb #2	18.899	0.018
Picloram #2	21.556	0.054
Acifluorfen #2	30.164	0.008

ND
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<u>Surrogate</u>			<u>% Rec</u> <u>(70-130%)</u>
DCPAA SS	10.300	24.989	100%
DCPAA SS #2	11.458	27.017	108%

<u>Internal Standard</u>	<u>Target Response</u>	<u>Avg Cal Resp</u>	<u>% Cal</u> <u>Resp (50-150%)</u>
DBOB IS	10085992	9854615	102%
DBOB IS #2	11469698	15140586	76%

(m) manual integration

B7J0013

Wellherb Report

Sample Name: Method Blank
Data File Name: 08_MB.D
Data File Path: D:\515 Data\2017\100517wh\
Date Acquired: 10/5/2017 17:00
Operator: JAM
Instrument: GCECD
Acq. Method: 515 GCECD.M
Quant. Method: D:\GCECD\DA Methods\515\2017\Wellherb DA_100517.M
Dilution: 1
Comment:

<u>Target Analyte</u>	<u>Ret Time</u>	<u>Amount (ppb)</u>	<u>DL</u>	<u>MCL</u>
Dalapon	4.081	-1.000	1	200
Dicamba	10.561	0.001	0.1	
2,4 D	11.850	0.163	0.3	70
Silvex	0.000	0.000	0.1	50
PCP	12.164	0.011	0.1	1
Dinoseb	17.953	0.011	0.2	7
Picloram	17.441	-1.000	0.25	500
Acifluorfen	0.000	0.000	0.1	

Signal #2

Dalapon #2	0.000	0.000
Dicamba #2	0.000	0.000
2,4 D #2	0.000	0.000
Silvex #2	0.000	0.000
PCP #2	0.000	0.000
Dinoseb #2	0.000	0.000
Picloram #2	21.553	-1.000
Acifluorfen #2	0.000	0.000

<u>Surrogate</u>			<u>% Rec</u> <u>(70-130%)</u>
DCPAA SS	10.300	25.048	100%
DCPAA SS #2	11.457	26.190	105%

<u>Internal Standard</u>	<u>Target Response</u>	<u>Avg Cal Resp</u>	<u>% Cal</u> <u>Resp (50-150%)</u>
DBOB IS	10203376	9854615	104%
DBOB IS #2	16603143	15140586	110%

(m) manual integration

JAM 10/6/17

Wellherb DL Report

Sample Name: DL/Cal 1
Data File Name: 07_DL.D
Data File Path: D:\515 Data\2017\100517wh\1
Date Acquired: 10/5/2017 16:18
Operator: JAM
Instrument: GCECD
Acq. Method: 515 GCECD.M
Quant. Method: D:\GCECD\DA Methods\515\2017\Wellherb DA_100517.M
Dilution: 1
Comment:

Target Analyte	Ret Time	Amount (ppb)	%Rec
Dalapon	4.136	0.978	98%
Dicamba	10.53	0.104	104%
2,4 D	11.796	0.362	121%
Silvex	13.171	0.086	86%
PCP	12.218	0.097	97%
Dinoseb	17.936	0.221	111%
Picloram	17.379	0.107	107%
Acifluorfen	28.836	0.105	105%
Signal #2			
Dalapon #2	4.478	0.873	87%
Dicamba #2	11.596	0.13	130%
2,4 D #2	13.318	0.34	113%
Silvex #2	15.448	0.101	101%
PCP #2	15.199	0.1	100%
Dinoseb #2	18.734	0.209	105%
Picloram #2	21.507	0.095	95%
Acifluorfen #2	30.309	0.098	98%
			% Rec (70-130%)
			99%
			100%
Surrogate			
DCPAA SS	10.299	24.809	
DCPAA SS #2	11.458	24.923	
			% Cal Resp (50-150%)
			103%
			98%
Internal Standard			
DBOB IS	10194250	9854615	
DBOB IS #2	14811477	15140586	

(m) manual integration

Wellherb Ending CCV Report

Sample Name: CCV/Cal 3
Data File Name: 11_CCV.D
Data File Path: D:\515 Data\2017\100517wh\1
Date Acquired: 10/5/2017 19:07
Operator: JAM
Instrument: GCECD
Acq. Method: 515 GCECD.M
Quant. Method: D:\GCECD\DA Methods\515\2017\Wellherb DA_100517.M
Dilution: 1
Comment:

Target Analyte	Ret Time	Amount (ppb)	% Rec
Dalapon	4.133	4.872	97%
Dicamba	10.53	0.509	102%
2,4 D	11.792	1.497	100%
Silvex	13.17	0.496	99%
PCP	12.219	0.515	103%
Dinoseb	17.933	1.049	105%
Picloram	17.385	0.515	103%
Acifluorfen	28.84	0.553	111%
Signal #2			
Dalapon #2	4.47	6.337	127%
Dicamba #2	11.595	0.493	99%
2,4 D #2	13.316	1.511	101%
Silvex #2	15.445	0.496	99%
PCP #2	15.196	0.498	100%
Dinoseb #2	18.729	1.091	109%
Picloram #2	21.497	0.567	113%
Acifluorfen #2	30.305	0.56	112%
			% Rec (70-130%)
			100%
			97%
Surrogate			
DCPAA SS	10.3	24.908	
DCPAA SS #2	11.456	24.327	
			% Cal Resp (50-150%)
			105%
			138%
Internal Standard			
DBOB IS	10358484	9854615	
DBOB IS #2	20924419	15140586	

JAM
10/6/17