



12/3/2014

Work Order: 1413178

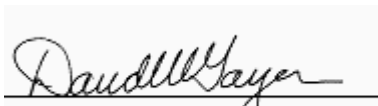
**Dixie Deer S.S.D.
Attn: Wayne Gudgell
316 North Lodge Road
Central, UT 84722**

Client Service Contact: 801.262.7299

The analyses presented on this report were performed in accordance with the National Environmental Laboratory Accreditation Program (NELAP) unless noted in the comments, flags or case narrative. If the report is to be used for regulatory compliance, it should be presented in its entirety, and not be altered.



Approved By:


Dave Gayer, Laboratory Director



CHEMTECH-FORD
LABORATORIES

Certificate of Analysis

Lab Sample No.: 1413178-01

Name: Dixie Deer S.S.D.

Sample Date: 11/24/2014 11:55 AM

Sample Site: 102 West Frontier Road

Receipt Date: 11/25/2014 10:30 AM

Comments:

Sampler: Wayne Gudgell

Sample Matrix: Drinking Water

Project: DW 27003

PO Number:

Project Number:

System No.: UTAH27003

Source Code: WS002

Sample Point: WS002

Report to State: Y

Parameter	Sample Result	EPA Max Contaminant Level (MCL)	Minimum Reporting Limit	Units	Analytical Method	Preparation Date/Time	Analysis Date/Time	Flag
Inorganic								
Nitrate as N	1.4	10	0.1	mg/L	EPA 300.0	11/25/2014 11:30	11/25/2014 11:30	
Volatile Organic Compounds								
1,1,1,2-Tetrachloroethane	ND		1.0	ug/L	EPA 524.2	12/01/2014 11:09	12/1/2014 19:35	
1,1,1-Trichloroethane	ND	200	0.5	ug/L	EPA 524.2	12/01/2014 11:09	12/1/2014 19:35	
1,1,2,2-Tetrachloroethane	ND		1.0	ug/L	EPA 524.2	12/01/2014 11:09	12/1/2014 19:35	
1,1,2-Trichloroethane	ND	5	0.5	ug/L	EPA 524.2	12/01/2014 11:09	12/1/2014 19:35	
1,1,2-Trichlorotrifluoroethane	ND		1.0	ug/L	EPA 524.2	12/01/2014 11:09	12/1/2014 19:35	
1,1-Dichloroethane	ND		1.0	ug/L	EPA 524.2	12/01/2014 11:09	12/1/2014 19:35	
1,1-Dichloroethene	ND	7	0.5	ug/L	EPA 524.2	12/01/2014 11:09	12/1/2014 19:35	
1,1-Dichloropropene	ND		0.5	ug/L	EPA 524.2	12/01/2014 11:09	12/1/2014 19:35	
1,2,3-Trichlorobenzene	ND		1.0	ug/L	EPA 524.2	12/01/2014 11:09	12/1/2014 19:35	
1,2,3-Trichloropropane	ND		1.0	ug/L	EPA 524.2	12/01/2014 11:09	12/1/2014 19:35	
1,2,4-Trichlorobenzene	ND	70	0.5	ug/L	EPA 524.2	12/01/2014 11:09	12/1/2014 19:35	
1,2,4-Trimethylbenzene	ND	70	1.0	ug/L	EPA 524.2	12/01/2014 11:09	12/1/2014 19:35	
1,2-Dichlorobenzene	ND	600	0.5	ug/L	EPA 524.2	12/01/2014 11:09	12/1/2014 19:35	
1,2-Dichloroethane	ND	5	0.5	ug/L	EPA 524.2	12/01/2014 11:09	12/1/2014 19:35	
1,2-Dichloropropane	ND	5	0.5	ug/L	EPA 524.2	12/01/2014 11:09	12/1/2014 19:35	
1,3,5-Trimethylbenzene	ND		1.0	ug/L	EPA 524.2	12/01/2014 11:09	12/1/2014 19:35	
1,3-Dichlorobenzene	ND		1.0	ug/L	EPA 524.2	12/01/2014 11:09	12/1/2014 19:35	
1,3-Dichloropropane	ND		0.5	ug/L	EPA 524.2	12/01/2014 11:09	12/1/2014 19:35	
1,4-Dichlorobenzene	ND	75	0.5	ug/L	EPA 524.2	12/01/2014 11:09	12/1/2014 19:35	
2,2-Dichloropropane	ND		0.5	ug/L	EPA 524.2	12/01/2014 11:09	12/1/2014 19:35	
2-Chlorotoluene	ND		1.0	ug/L	EPA 524.2	12/01/2014 11:09	12/1/2014 19:35	
4-Chlorotoluene	ND		1.0	ug/L	EPA 524.2	12/01/2014 11:09	12/1/2014 19:35	
Benzene	ND	5	0.5	ug/L	EPA 524.2	12/01/2014 11:09	12/1/2014 19:35	
Bromobenzene	ND		1.0	ug/L	EPA 524.2	12/01/2014 11:09	12/1/2014 19:35	
Bromochloromethane	ND		1.0	ug/L	EPA 524.2	12/01/2014 11:09	12/1/2014 19:35	
Bromodichloromethane	ND		0.5	ug/L	EPA 524.2	12/01/2014 11:09	12/1/2014 19:35	
Bromoform	1.6		0.5	ug/L	EPA 524.2	12/01/2014 11:09	12/1/2014 19:35	
Bromomethane	ND		1.0	ug/L	EPA 524.2	12/01/2014 11:09	12/1/2014 19:35	
Carbon Tetrachloride	ND	5	1.0	ug/L	EPA 524.2	12/01/2014 11:09	12/1/2014 19:35	
Chlorobenzene	ND	100	0.5	ug/L	EPA 524.2	12/01/2014 11:09	12/1/2014 19:35	
Chloroethane	ND		1.0	ug/L	EPA 524.2	12/01/2014 11:09	12/1/2014 19:35	
Chloroform	ND		0.5	ug/L	EPA 524.2	12/01/2014 11:09	12/1/2014 19:35	



CHEMTECH-FORD
LABORATORIES

Certificate of Analysis

Lab Sample No.: 1413178-01

Name: Dixie Deer S.S.D.

Sample Date: 11/24/2014 11:55 AM

Sample Site: 102 West Frontier Road

Receipt Date: 11/25/2014 10:30 AM

Comments:

Sampler: Wayne Gudgell

Sample Matrix: Drinking Water

Project: DW 27003

PO Number:

Project Number:

System No.: UTAH27003

Source Code: WS002

Sample Point: WS002

Report to State: Y

Parameter	Sample Result	EPA Max Contaminant Level (MCL)	Minimum Reporting Limit	Units	Analytical Method	Preparation Date/Time	Analysis Date/Time	Flag
Volatile Organic Compounds								
Chloromethane	ND		1.0	ug/L	EPA 524.2	12/01/2014 11:09	12/1/2014 19:35	
cis-1,2-Dichloroethene	ND	70	1.0	ug/L	EPA 524.2	12/01/2014 11:09	12/1/2014 19:35	
cis-1,3-Dichloropropene	ND		1.0	ug/L	EPA 524.2	12/01/2014 11:09	12/1/2014 19:35	
Dibromochloromethane	0.5		0.5	ug/L	EPA 524.2	12/01/2014 11:09	12/1/2014 19:35	
Dibromomethane	ND	5	1.0	ug/L	EPA 524.2	12/01/2014 11:09	12/1/2014 19:35	
Dichlorodifluoromethane	ND		1.0	ug/L	EPA 524.2	12/01/2014 11:09	12/1/2014 19:35	
Ethyl Benzene	ND	700	0.5	ug/L	EPA 524.2	12/01/2014 11:09	12/1/2014 19:35	
Hexachlorobutadiene	ND		1.0	ug/L	EPA 524.2	12/01/2014 11:09	12/1/2014 19:35	
Isopropylbenzene	ND		1.0	ug/L	EPA 524.2	12/01/2014 11:09	12/1/2014 19:35	
Methyl tert-Butyl Ether (MTBE)	ND		1.0	ug/L	EPA 524.2	12/01/2014 11:09	12/1/2014 19:35	
Methylene Chloride	ND	5	1.0	ug/L	EPA 524.2	12/01/2014 11:09	12/1/2014 19:35	
Naphthalene	ND		1.0	ug/L	EPA 524.2	12/01/2014 11:09	12/1/2014 19:35	
n-Butyl Benzene	ND		1.0	ug/L	EPA 524.2	12/01/2014 11:09	12/1/2014 19:35	
n-Propyl Benzene	ND		1.0	ug/L	EPA 524.2	12/01/2014 11:09	12/1/2014 19:35	
p-Isopropyltoluene	ND		1.0	ug/L	EPA 524.2	12/01/2014 11:09	12/1/2014 19:35	
sec-Butyl Benzene	ND		1.0	ug/L	EPA 524.2	12/01/2014 11:09	12/1/2014 19:35	
Styrene	ND	100	0.5	ug/L	EPA 524.2	12/01/2014 11:09	12/1/2014 19:35	
tert-Butylbenzene	ND		1.0	ug/L	EPA 524.2	12/01/2014 11:09	12/1/2014 19:35	
Tetrachloroethene	ND	5	0.5	ug/L	EPA 524.2	12/01/2014 11:09	12/1/2014 19:35	
Toluene	ND	1000	0.5	ug/L	EPA 524.2	12/01/2014 11:09	12/1/2014 19:35	
trans-1,2-Dichloroethene	ND	100	0.5	ug/L	EPA 524.2	12/01/2014 11:09	12/1/2014 19:35	
trans-1,3-Dichloropropene	ND		1.0	ug/L	EPA 524.2	12/01/2014 11:09	12/1/2014 19:35	
Trichloroethene	ND	5	0.5	ug/L	EPA 524.2	12/01/2014 11:09	12/1/2014 19:35	
Trichlorofluoromethane	ND		1.0	ug/L	EPA 524.2	12/01/2014 11:09	12/1/2014 19:35	
Vinyl Chloride	ND	2	0.5	ug/L	EPA 524.2	12/01/2014 11:09	12/1/2014 19:35	
Xylenes, total	ND	10000	0.5	ug/L	EPA 524.2	12/01/2014 11:09	12/1/2014 19:35	

DRINKING WATER SAMPLES ONLY

CHEMTECH - FORD ANALYTICAL LABORATORY

CHAIN OF CUSTODY

COMPANY: Dixie Deer SSD
 ADDRESS: 316 N. Lodge Rd.
 CITY/STATE/ZIP: Central, UT. 84722
 PHONE #: (435) 668-1223 FAX: (435) 574-2413
 CONTACT: Wayne Gudge PROJECT: _____
 EMAIL: Wayne.dixiedeer@gmail.com

BILLING ADDRESS: _____
 BILLING CITY/STATE/ZIP: Same
 PURCHASE ORDER #: _____



TURNAROUND REQUIRED:* _____

* Expedited turnaround subject to additional charge

STATE SYSTEM #
UT 27003

SEND TO STATE?
☒ YES ☐ NO

Lab Use Only	CLIENT SAMPLE INFORMATION						TESTS REQUESTED												Bacteria			LAB FAIL Ref #
	LOCATION	DATE	TIME	FACILITY ID (source code)	POINT CODE (DBP)	Field: Residual Chlorine													Total Coliform + E. coli (Present/Absent)	Total Coliform + E. coli (Enumerated)	HPC (Plate Count)	
13178							NITRATE Volatile Organics												R = Routine I = Investigative TR = Trigger Source REPEAT OR = Original Location UP = Upstream DN = Downstream			
01	1. 102 W. Frontier Rd	11-24-14	11:55	WS002		0.30																
↓	2. 102 W. Frontier Rd	11-24-14	12:00	WS002		0.30																
	3.																					
	4.																					
	5.																					
	6.																					
	7.																					
	8.																					
	9.																					
	10.																					

Sampled by: [print] <u>WAYNE Gudge</u>		Sampled by: [signature] <u>Wayne Gudge</u>		☒ ON ICE ☐ NOT ON ICE Temp (C°): <u>9.0°</u>	
Special Instructions:				Samples received outside the EPA recommended temperature range of 0-6 C° may be rejected.	
Relinquished by: [signature]	Date/Time	Received by: [signature]	Date/Time		
Relinquished by: [signature]	Date/Time	Received by: [signature]	Date/Time		
Relinquished by: [signature]	Date/Time	Received by: [signature]	Date/Time		

CHEMTECH-FORD
 9632 South 500 West
 Sandy, UT 84070

801.262.7299 PHONE
 866.792.0093 FAX
 www.chemtechford.com

Payment Terms are net 30 days OAC. 1.5% interest charge per month (18% per annum).
 Client agrees to pay collection costs and attorney's fees.

Fed ex: 7719 7097 4559

Work Order # 13178

CHEMTECH FORD LABORATORIES

Sample Receipt



CHEMTECH-FORD
LABORATORIES

Delivery Method:

- ☐ UPS ☐ USPS
- ☒ FedEx ☐ Chemtech Courier
- ☐ Walk-in ☐ Courier

Receiving Temperature 9.0°C

Sample Condition	Sample	Temperature (°C)	Time (h)	Concentration (g/L)	Viscosity (Pa·s)	Modulus (Pa)	Loss Modulus (Pa)	Phase Angle (°)	Storage Modulus (Pa)	Loss Modulus (Pa)	Phase Angle (°)
Control	Control	25	0	0.5	0.01	1000	100	90	1000	100	90
		25	24	0.5	0.01	1000	100	90	1000	100	90
		25	48	0.5	0.01	1000	100	90	1000	100	90
10% PEG	10% PEG	25	0	0.5	0.01	1000	100	90	1000	100	90
		25	24	0.5	0.01	1000	100	90	1000	100	90
		25	48	0.5	0.01	1000	100	90	1000	100	90
20% PEG	20% PEG	25	0	0.5	0.01	1000	100	90	1000	100	90
		25	24	0.5	0.01	1000	100	90	1000	100	90
		25	48	0.5	0.01	1000	100	90	1000	100	90
30% PEG	30% PEG	25	0	0.5	0.01	1000	100	90	1000	100	90
		25	24	0.5	0.01	1000	100	90	1000	100	90
		25	48	0.5	0.01	1000	100	90	1000	100	90
40% PEG	40% PEG	25	0	0.5	0.01	1000	100	90	1000	100	90
		25	24	0.5	0.01	1000	100	90	1000	100	90
		25	48	0.5	0.01	1000	100	90	1000	100	90
50% PEG	50% PEG	25	0	0.5	0.01	1000	100	90	1000	100	90
		25	24	0.5	0.01	1000	100	90	1000	100	90
		25	48	0.5	0.01	1000	100	90	1000	100	90

(check if yes)

- ☐ Custody Seals
- ☒ Containers Intact
- ☒ COC/Labels Agree
- ☐ Preservation Confirmed
- ☒ Received on Ice
- ☒ Correct Container(s)
- ☒ Sufficient Sample Volume
- ☐ Headspace Present (VOC)
- ☐ Temperature Blank
- ☒ Received within Holding Time

Plastic Containers

A- Plastic Unpreserved
B- Miscellaneous Plastic
C- Cyanide Qt (NaOH)
F- Sulfide Qt (Zn Acetate)
L- Mercury 1631
M- Metals Pint (HNO3)
N- Nutrient Pint (H2SO4)
R- Radiological (HNO3)
S- Sludge Cups/Tubs
Q- Plastic Bag
E- Coliform/Ecoli

Glass Containers

D- 625 (Na2S2O3)
G- Glass Unpreserved
H- HAA's (NH4Cl)
J- 508/515/525 (Na2SO3)
K- 515.3 Herbicides
O- Oil & Grease (HCl)
P- Phenols (H2SO4)
T- TOX/TOX (H3PO4)
U- 531 (MCAA, Na2S2O3)
V- 524/THMs (Ascorbic Acid)
W- 8260 VOC (1:1 HCl)
X- Vial Unpreserved
Y- 624/504 (Na2S2O3)
Z- Miscellaneous Glass

[illegible]



Certificate of Analysis

Report Footnotes

Abbreviations

ND = Not detected at the corresponding Minimum Reporting Limit.

1 mg/L = one milligram per liter or 1 mg/Kg = one milligram per kilogram = 1 part per million.

1 ug/L = one microgram per liter or 1 ug/Kg = one microgram per kilogram = 1 part per billion.

1 ng/L = one nanogram per liter or 1 ng/Kg = one nanogram per kilogram = 1 part per trillion.

Flag Descriptions

Data Comparisons

Values reported in **RED** exceed Primary Drinking Water standards.

Values reported in **BLUE** exceed Secondary Drinking Water standards.

BLANK values in the MCL column indicate no standard.