

Jim Harris Utah Division of Water Quality PO Box 144870 SLC, UT 84114 TEL: (801) 538-6329

	RE: Deer Creek Res. Turkey Truck	
463 West 3600 South	Dear Jim Harris:	Lab Set ID: 1404528
Salt Lake City, UT 84115	American West Analytical Laboratories receive analyses presented in the following report.	ed 4 sample(s) on 4/24/2014 for the
Phone: (801) 263-8686 Toll Free: (888) 263-8686	American West Analytical Laboratories (AWA Environmental Laboratory Accreditation Progr	am (NELAP) in Utah and Texas; and is
Fax: (801) 263-8687	state accredited in Colorado, Idaho, New Mexi	co, and Missouri.
e-mail: awal@awal-labs.com	All analyses were performed in accordance to to otherwise. Accreditation scope documents are	1
web: www.awal-labs.com	questions or concerns regarding this report plea	ase feel free to call.
Kyle F. Gross Laboratory Director Jose Rocha QA Officer	The abbreviation "Surr" found in organic report intentionally added by the laboratory to determ purging efficiency. The "Reporting Limit" fou practical quantitation limit (PQL). This is the reported by the method referenced and the sam confused with any regulatory limit. Analytical figures for quality control and calculation purp	ine sample injection, extraction, and/or nd on the report is equivalent to the minimum concentration that can be ple matrix. The reporting limit must not be results are reported to three significant

Thank You,

Approved by:

Laboratory Director or designee



Client:	Utah Divisi	on of Water	r Quality	Contact:	Jim Harris
Project:	Deer Creek	Res. Turke	y Truck		
Lab Sample ID:	1404528-00	)1B			
<b>Client Sample ID:</b>	Midd Chan	nel			
<b>Collection Date:</b>	4/24/2014	1255h			
<b>Received Date:</b>	4/24/2014	1453h			Test Code: 8015-W-TPH(1L)
Analytical Results	5		TPH-DRO	(C10-C28) by C	GC/FID Method 8015D/3510C

Analytical Results ITTI DRO (CTO C20) by GCT ID Method of						
<b>Analyzed:</b> 4/25/2014 121h	Extracted:	4/24/2014 1625	h			
Units: mg/L	<b>Dilution Fac</b>	<b>:tor:</b> 1	Metho	d: SW8015D		
Compound		CAS Numbe	Reporting Limit	Analytical Result	Qual	
Diesel Range Organics (DRO) (C10-C28)		68476-34	-6 0.500	< 0.500		
Surrogate	CAS	Result Amo	int Spiked % RE	C Limits	Qual	
Surr: 4-Bromofluorobenzene	460-00-4	0.181	.4000 45.4	10-190		

463 West 3600 South Salt Lake City, UT 84115

Phone: (801) 263-8686 Toll Free: (888) 263-8686 Fax: (801) 263-8687 e-mail: awal@awal-labs.com

web: www.awal-labs.com

Kyle F. Gross Laboratory Director

> Jose Rocha QA Officer

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the rule



Client:	Utah Divisi	on of Water	Quality	Contact:	Jim Harris
Project:	Deer Creek	Res. Turkey	y Truck		
Lab Sample ID:	1404528-00	)2B			
Client Sample ID:	Below Boo	m SW			
<b>Collection Date:</b>	4/24/2014	1245h			
<b>Received Date:</b>	4/24/2014	1453h			Test Code: 8015-W-TPH(1L)
Analytical Results	5		TPH-DRO (C10-	-C28) by (	GC/FID Method 8015D/3510C

463 West 3600 South Salt Lake City, UT 84115

<b>Analyzed:</b> 4/25/2014 220h <b>Units:</b> mg/L	Extracted: Dilution Fac	4/24/2014 tor: 1	4 1625h	Method:	SW8015D	
Compound			CAS umber	Reporting Limit	Analytical Result	Qual
Diesel Range Organics (DRO) (C1	0-C28)	684	76-34-6	0.500	< 0.500	
Surrogate	CAS	Result	Amount Sp	oiked % REC	Limits	Qual
Surr: 4-Bromofluorobenzene	460-00-4	0.180	0.4000	45.0	10-190	

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Kyle F. Gross Laboratory Director

> Jose Rocha QA Officer



Client:	Utah Divisi	on of Wate	r Quality	<b>Contact:</b>	Jim Harris
Project:	Deer Creek	Res. Turke	ey Truck		
Lab Sample ID:	1404528-00	)3B			
Client Sample ID:	Above Boo	m NE			
<b>Collection Date:</b>	4/24/2014	1255h			
<b>Received Date:</b>	4/24/2014	1453h			Test Code: 8015-W-TPH(1L)
Analytical Results	5		TPH-DRO (C	C10-C28) by C	GC/FID Method 8015D/3510C

463 West 3600 South Salt Lake City, UT 84115

<b>Analyzed:</b> 4/25/2014 240h <b>Units:</b> mg/L	Extracted: Dilution Fac	4/24/2014 tor: 1	4 1625h	Method:	SW8015D	
Compound			CAS umber	Reporting Limit	Analytical Result	Qual
Diesel Range Organics (DRO) (C1	0-C28)	684	76-34-6	0.500	1.34	
Surrogate	CAS	Result	Amount Sp	oiked % REC	Limits	Qual
Surr: 4-Bromofluorobenzene	460-00-4	0.176	0.4000	44.1	10-190	

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Kyle F. Gross Laboratory Director

> Jose Rocha **QA** Officer



**Analytical Results** 

# **ORGANIC ANALYTICAL REPORT**

Client:Utah Division of Water QualityContact:Jim HarrisProject:Deer Creek Res. Turkey TruckLab Sample ID:1404528-004BClient Sample ID:Inside BoomCollection Date:4/24/20144/24/20141305hReceived Date:4/24/20141404528Test of

Test Code: 8015-W-TPH(1L)

TPH-DRO (C10-C28) by GC/FID Method 8015D/3510C

<b>Analyzed:</b> 4/25/2014 259h <b>Units:</b> mg/L	Extracted: Dilution Fac	4/24/201 tor: 1	4 1625h	Method:	SW8015D	
Compound			CAS Jumber	Reporting Limit	Analytical Result	Qual
Diesel Range Organics (DRO) (C10-C28)		68476-34-6		0.500	3.52	
Surrogate	CAS	Result	Amount Spil	ked % REC	Limits	Qual
Surr: 4-Bromofluorobenzene	460-00-4	0.166	0.4000	41.5	10-190	

Salt Lake City, UT 84115

463 West 3600 South

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Kyle F. Gross Laboratory Director

> Jose Rocha QA Officer

> > Report Date: 4/25/2014 Page 5 of 22

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**Client:** Utah Division of Water Quality **Project:** Deer Creek Res. Turkey Truck 1404528-001A Lab Sample ID: Client Sample ID: Midd Channel **Collection Date:** 4/24/2014 1255h **Received Date:** 4/24/2014 1453h

**Analytical Results** 

Units: µg/L

Analyzed: 4/24/2014 2033h

Contact: Jim Harris

Test Code: 8260-W

SW8260C

VOAs AWAL List by GC/MS Method 8260C/5030C

Method:

462 West 2600 South	Units. µg/L Dilution ra		wiethou.	51182000	
463 West 3600 South alt Lake City, UT 84115	Compound	CAS Number	Reporting Limit	Analytical Result Qual	
	1,1,1-Trichloroethane	71-55-6	2.00	< 2.00	
	1,1,2,2-Tetrachloroethane	79-34-5	2.00	< 2.00	
Phone: (801) 263-8686	1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	2.00	< 2.00	
Toll Free: (888) 263-8686	1,1,2-Trichloroethane	79-00-5	2.00	< 2.00	
Fax: (801) 263-8687	1,1-Dichloroethane	75-34-3	2.00	< 2.00	
mail: awal@awal-labs.com	1,1-Dichloroethene	75-35-4	2.00	< 2.00	
.11.1.1	1,2,4-Trichlorobenzene	120-82-1	2.00	< 2.00	
eb: www.awal-labs.com	1,2-Dibromo-3-chloropropane	96-12-8	5.00	< 5.00	
	1,2-Dibromoethane	106-93-4	2.00	< 2.00	
Kyle F. Gross	1,2-Dichlorobenzene	95-50-1	2.00	< 2.00	
Laboratory Director	1,2-Dichloroethane	107-06-2	2.00	< 2.00	
Laboratory Director	1,2-Dichloropropane	78-87-5	2.00	< 2.00	
Jose Rocha	1,3-Dichlorobenzene	541-73-1	2.00	< 2.00	
QA Officer	1,4-Dichlorobenzene	106-46-7	2.00	< 2.00	
	2-Butanone	78-93-3	10.0	< 10.0	
	2-Hexanone	591-78-6	5.00	< 5.00	
	4-Methyl-2-pentanone	108-10-1	5.00	< 5.00	
	Acetone	67-64-1	10.0	< 10.0	
	Benzene	71-43-2	2.00	< 2.00	
	Bromodichloromethane	75-27-4	2.00	< 2.00	
	Bromoform	75-25-2	2.00	< 2.00	
	Bromomethane	74-83-9	5.00	< 5.00	
	Carbon disulfide	75-15-0	2.00	< 2.00	
	Carbon tetrachloride	56-23-5	2.00	< 2.00	
	Chlorobenzene	108-90-7	2.00	< 2.00	
	Chloroethane	75-00-3	2.00	< 2.00	
	Chloroform	67-66-3	2.00	< 2.00	
	Chloromethane	74-87-3	3.00	< 3.00	
	cis-1,2-Dichloroethene	156-59-2	2.00	< 2.00	
	cis-1,3-Dichloropropene	10061-01-5	2.00	< 2.00	

**Dilution Factor:** 1



### Lab Sample ID: 1404528-001A

Client Sample ID: Midd Channel Analyzed: 4/24/2014 2033h

	<b>Units:</b> μg/L	<b>Dilution Fact</b>	or: 1		Method:	SW8260C	
American West	Compound			CAS Roumber	eporting Limit	Analytical Result	Qual
	Cyclohexane		11	0-82-7	2.00	< 2.00	
	Dibromochloromethane		12	24-48-1	2.00	< 2.00	
	Dichlorodifluoromethane		7	5-71-8	2.00	< 2.00	
	Ethylbenzene		10	00-41-4	2.00	< 2.00	
463 West 3600 South	Isopropylbenzene		9	8-82-8	2.00	< 2.00	
lt Lake City, UT 84115	Methyl Acetate		7	9-20-9	5.00	< 5.00	
	Methyl tert-butyl ether		16	34-04-4	2.00	< 2.00	
	Methylcyclohexane		10	)8-87-2	2.00	< 2.00	
Phone: (801) 263-8686	Methylene chloride		7	5-09-2	2.00	< 2.00	
ll Free: (888) 263-8686	Naphthalene		9	1-20-3	2.00	< 2.00	
Fax: (801) 263-8687	Styrene		10	00-42-5	2.00	< 2.00	
ail: awal@awal-labs.com	Tetrachloroethene		12	27-18-4	2.00	< 2.00	
an. awar@awar-tabs.com	Toluene		10	)8-88-3	2.00	< 2.00	
b: www.awal-labs.com	TPH C6-C10 (GRO)				20.0	< 20.0	
	trans-1,2-Dichloroethene		15	56-60-5	2.00	< 2.00	
	trans-1,3-Dichloropropene		100	)61-02-6	2.00	< 2.00	
Kyle F. Gross	Trichloroethene		7	9-01-6	2.00	< 2.00	
Laboratory Director	Trichlorofluoromethane		7	5-69-4	2.00	< 2.00	
	Vinyl chloride		7	5-01-4	1.00	< 1.00	
Jose Rocha	Xylenes, Total			30-20-7	2.00	< 2.00	
QA Officer	Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
	Surr: 1,2-Dichloroethane-d4	17060-07-0	52.4	50.00	105	72-151	
	Surr: 4-Bromofluorobenzene	460-00-4	53.2	50.00	106	80-128	
	Surr: Dibromofluoromethane	1868-53-7	49.2	50.00	98.4	80-124	
	Surr: Toluene-d8	2037-26-5	50.0	50.00	100	77-129	



**Client:** Utah Division of Water Quality **Project:** Deer Creek Res. Turkey Truck 1404528-002A Lab Sample ID: Client Sample ID: Below Boom SW **Collection Date:** 4/24/2014 1245h **Received Date:** 4/24/2014 1453h

**Analytical Results** 

Units: µg/L

Analyzed: 4/24/2014 2051h

Contact: Jim Harris

Test Code: 8260-W

SW8260C

VOAs AWAL List by GC/MS Method 8260C/5030C

Method:

463 West 3600 South			Wiethou.	51182000	
alt Lake City, UT 84115	Compound	CAS Number	Reporting Limit	Analytical Result Qual	
	1,1,1-Trichloroethane	71-55-6	2.00	< 2.00	
	1,1,2,2-Tetrachloroethane	79-34-5	2.00	< 2.00	
Phone: (801) 263-8686	1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	2.00	< 2.00	
oll Free: (888) 263-8686	1,1,2-Trichloroethane	79-00-5	2.00	< 2.00	
Fax: (801) 263-8687	1,1-Dichloroethane	75-34-3	2.00	< 2.00	
nail: awal@awal-labs.com	1,1-Dichloroethene	75-35-4	2.00	< 2.00	
	1,2,4-Trichlorobenzene	120-82-1	2.00	< 2.00	
eb: www.awal-labs.com	1,2-Dibromo-3-chloropropane	96-12-8	5.00	< 5.00	
	1,2-Dibromoethane	106-93-4	2.00	< 2.00	
Kyle F. Gross	1,2-Dichlorobenzene	95-50-1	2.00	< 2.00	
Laboratory Director	1,2-Dichloroethane	107-06-2	2.00	< 2.00	
Laboratory Director	1,2-Dichloropropane	78-87-5	2.00	< 2.00	
Jose Rocha	1,3-Dichlorobenzene	541-73-1	2.00	< 2.00	
QA Officer	1,4-Dichlorobenzene	106-46-7	2.00	< 2.00	
	2-Butanone	78-93-3	10.0	< 10.0	
	2-Hexanone	591-78-6	5.00	< 5.00	
	4-Methyl-2-pentanone	108-10-1	5.00	< 5.00	
	Acetone	67-64-1	10.0	< 10.0	
	Benzene	71-43-2	2.00	< 2.00	
	Bromodichloromethane	75-27-4	2.00	< 2.00	
	Bromoform	75-25-2	2.00	< 2.00	
	Bromomethane	74-83-9	5.00	< 5.00	
	Carbon disulfide	75-15-0	2.00	< 2.00	
	Carbon tetrachloride	56-23-5	2.00	< 2.00	
	Chlorobenzene	108-90-7	2.00	< 2.00	
	Chloroethane	75-00-3	2.00	< 2.00	
	Chloroform	67-66-3	2.00	< 2.00	
	Chloromethane	74-87-3	3.00	< 3.00	
	cis-1,2-Dichloroethene	156-59-2	2.00	< 2.00	
	cis-1,3-Dichloropropene	10061-01-5	2.00	< 2.00	

**Dilution Factor:** 1



### Lab Sample ID: 1404528-002A

**Analyzed:** 4/24/2014 2051h

### Client Sample ID: Below Boom SW

	Units: µg/L	<b>Dilution Fact</b>	or: 1		Method:	SW8260C	
American West	Compound			CAS R umber	eporting Limit	Analytical Result	Qual
	Cyclohexane		11	0-82-7	2.00	< 2.00	
	Dibromochloromethane		12	24-48-1	2.00	< 2.00	
	Dichlorodifluoromethane		7	5-71-8	2.00	< 2.00	
	Ethylbenzene		10	00-41-4	2.00	< 2.00	
463 West 3600 South	Isopropylbenzene		9	8-82-8	2.00	< 2.00	
alt Lake City, UT 84115	Methyl Acetate		7	9-20-9	5.00	< 5.00	
	Methyl tert-butyl ether		16	34-04-4	2.00	< 2.00	
	Methylcyclohexane		10	)8-87-2	2.00	< 2.00	
Phone: (801) 263-8686	Methylene chloride		7	5-09-2	2.00	< 2.00	
oll Free: (888) 263-8686	Naphthalene		9	1-20-3	2.00	< 2.00	
Fax: (801) 263-8687	Styrene		10	00-42-5	2.00	< 2.00	
mail: awal@awal-labs.com	Tetrachloroethene		12	27-18-4	2.00	< 2.00	
nan. aware awar nos.com	Toluene		10	)8-88-3	2.00	< 2.00	
eb: www.awal-labs.com	TPH C6-C10 (GRO)				20.0	< 20.0	
	trans-1,2-Dichloroethene		15	56-60-5	2.00	< 2.00	
	trans-1,3-Dichloropropene		100	)61-02-6	2.00	< 2.00	
Kyle F. Gross	Trichloroethene		7	9-01-6	2.00	< 2.00	
Laboratory Director	Trichlorofluoromethane		7	5-69-4	2.00	< 2.00	
	Vinyl chloride		7	5-01-4	1.00	< 1.00	
Jose Rocha	Xylenes, Total		13	30-20-7	2.00	< 2.00	
QA Officer	Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
	Surr: 1,2-Dichloroethane-d4	17060-07-0	51.9	50.00	104	72-151	
	Surr: 4-Bromofluorobenzene	460-00-4	51.8	50.00	104	80-128	
	Surr: Dibromofluoromethane	1868-53-7 2037-26-5	48.5	50.00 50.00	96.9 98 1	80-124 77_129	
	Surr: Toluene-d8	2037-26-5	49.0	50.00	98.1	77-129	

#### Report Date: 4/25/2014 Page 9 of 22



**Client:** Utah Division of Water Quality **Project:** Deer Creek Res. Turkey Truck 1404528-003A Lab Sample ID: Client Sample ID: Above Boom NE **Collection Date:** 4/24/2014 1255h **Received Date:** 4/24/2014 1453h

**Analytical Results** 

Units: µg/L

Analyzed: 4/24/2014 2110h

Contact: Jim Harris

Test Code: 8260-W

SW8260C

VOAs AWAL List by GC/MS Method 8260C/5030C

Method:

463 West 3600 South				
t Lake City, UT 84115	Compound	CAS Number	Reporting Limit	Analytical Result Qual
	1,1,1-Trichloroethane	71-55-6	2.00	< 2.00
	1,1,2,2-Tetrachloroethane	79-34-5	2.00	< 2.00
Phone: (801) 263-8686	1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	2.00	< 2.00
ll Free: (888) 263-8686	1,1,2-Trichloroethane	79-00-5	2.00	< 2.00
Fax: (801) 263-8687	1,1-Dichloroethane	75-34-3	2.00	< 2.00
nail: awal@awal-labs.com	1,1-Dichloroethene	75-35-4	2.00	< 2.00
	1,2,4-Trichlorobenzene	120-82-1	2.00	< 2.00
b: www.awal-labs.com	1,2-Dibromo-3-chloropropane	96-12-8	5.00	< 5.00
	1,2-Dibromoethane	106-93-4	2.00	< 2.00
Kyle F. Gross	1,2-Dichlorobenzene	95-50-1	2.00	< 2.00
Laboratory Director	1,2-Dichloroethane	107-06-2	2.00	< 2.00
Laboratory Director	1,2-Dichloropropane	78-87-5	2.00	< 2.00
Jose Rocha	1,3-Dichlorobenzene	541-73-1	2.00	< 2.00
QA Officer	1,4-Dichlorobenzene	106-46-7	2.00	< 2.00
	2-Butanone	78-93-3	10.0	< 10.0
	2-Hexanone	591-78-6	5.00	< 5.00
	4-Methyl-2-pentanone	108-10-1	5.00	< 5.00
	Acetone	67-64-1	10.0	< 10.0
	Benzene	71-43-2	2.00	< 2.00
	Bromodichloromethane	75-27-4	2.00	< 2.00
	Bromoform	75-25-2	2.00	< 2.00
	Bromomethane	74-83-9	5.00	< 5.00
	Carbon disulfide	75-15-0	2.00	< 2.00
	Carbon tetrachloride	56-23-5	2.00	< 2.00
	Chlorobenzene	108-90-7	2.00	< 2.00
	Chloroethane	75-00-3	2.00	< 2.00
	Chloroform	67-66-3	2.00	< 2.00
	Chloromethane	74-87-3	3.00	< 3.00
	cis-1,2-Dichloroethene	156-59-2	2.00	< 2.00
	cis-1,3-Dichloropropene	10061-01-5	2.00	< 2.00

**Dilution Factor:** 1



## Lab Sample ID: 1404528-003A

Client Sample ID: Above Boom NE

	Analyzed: 4/24/2014 2110h												
	Units: µg/L	<b>Dilution Fact</b>	or: 1		Method:	SW8260C							
merican West	Compound		N		eporting Limit	Analytical Result	Qual						
	Cyclohexane		1	10-82-7	2.00	< 2.00							
	Dibromochloromethane		12	24-48-1	2.00	< 2.00							
	Dichlorodifluoromethane		7	5-71-8	2.00	< 2.00							
	Ethylbenzene		10	00-41-4	2.00	< 2.00							
463 West 3600 South	Isopropylbenzene		9	8-82-8	2.00	< 2.00							
Lake City, UT 84115	Methyl Acetate		7	9-20-9	5.00	< 5.00							
	Methyl tert-butyl ether		16	34-04-4	2.00	< 2.00							
	Methylcyclohexane		10	)8-87-2	2.00	< 2.00							
none: (801) 263-8686	Methylene chloride		7	5-09-2	2.00	< 2.00							
Free: (888) 263-8686	Naphthalene		9	1-20-3	2.00	< 2.00							
Fax: (801) 263-8687	Styrene		10	00-42-5	2.00	< 2.00							
l: awal@awal-labs.com	Tetrachloroethene		12	27-18-4	2.00	< 2.00							
	Toluene		10	)8-88-3	2.00	< 2.00							
www.awal-labs.com	TPH C6-C10 (GRO)				20.0	< 20.0							
	trans-1,2-Dichloroethene		1:	56-60-5	2.00	< 2.00							
	trans-1,3-Dichloropropene		100	)61-02-6	2.00	< 2.00							
Kyle F. Gross	Trichloroethene		7	9-01-6	2.00	< 2.00							
Laboratory Director	Trichlorofluoromethane		7	5-69-4	2.00	< 2.00							
	Vinyl chloride			5-01-4	1.00	< 1.00							
Jose Rocha	Xylenes, Total			30-20-7	2.00	< 2.00							
QA Officer	Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual						
	Surr: 1,2-Dichloroethane-d4	17060-07-0	52.2	50.00	104	72-151							
	Surr: 4-Bromofluorobenzene	460-00-4	51.0	50.00	102	80-128							
	Surr: Dibromofluoromethane Surr: Toluene-d8	1868-53-7 2037-26-5	48.7 49.3	50.00 50.00	97.5 98.6	80-124 77-129							

#### Report Date: 4/25/2014 Page 11 of 22



**Client:** Utah Division of Water Quality **Project:** Deer Creek Res. Turkey Truck 1404528-004A Lab Sample ID: Client Sample ID: Inside Boom **Collection Date:** 4/24/2014 1305h **Received Date:** 4/24/2014 1453h

**Analytical Results** 

Units: µg/L

Analyzed: 4/24/2014 2129h

Contact: Jim Harris

Test Code: 8260-W

SW8260C

VOAs AWAL List by GC/MS Method 8260C/5030C

Method:

163 Wast 2600 Couth				
463 West 3600 South It Lake City, UT 84115	Compound	CAS Number	Reporting Limit	Analytical Result Qual
	1,1,1-Trichloroethane	71-55-6	20.0	< 20.0
	1,1,2,2-Tetrachloroethane	79-34-5	20.0	< 20.0
Phone: (801) 263-8686	1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	20.0	< 20.0
oll Free: (888) 263-8686	1,1,2-Trichloroethane	79-00-5	20.0	< 20.0
Fax: (801) 263-8687	1,1-Dichloroethane	75-34-3	20.0	< 20.0
nail: awal@awal-labs.com	1,1-Dichloroethene	75-35-4	20.0	< 20.0
eb: www.awal-labs.com	1,2,4-Trichlorobenzene	120-82-1	20.0	< 20.0
D: www.awai-fabs.com	1,2-Dibromo-3-chloropropane	96-12-8	50.0	< 50.0
	1,2-Dibromoethane	106-93-4	20.0	< 20.0
Kyle F. Gross	1,2-Dichlorobenzene	95-50-1	20.0	< 20.0
Laboratory Director	1,2-Dichloroethane	107-06-2	20.0	< 20.0
Lucoratory Director	1,2-Dichloropropane	78-87-5	20.0	< 20.0
Jose Rocha	1,3-Dichlorobenzene	541-73-1	20.0	< 20.0
QA Officer	1,4-Dichlorobenzene	106-46-7	20.0	< 20.0
-	2-Butanone	78-93-3	100	< 100
	2-Hexanone	591-78-6	50.0	< 50.0
	4-Methyl-2-pentanone	108-10-1	50.0	< 50.0
	Acetone	67-64-1	100	< 100
	Benzene	71-43-2	20.0	< 20.0
	Bromodichloromethane	75-27-4	20.0	< 20.0
	Bromoform	75-25-2	20.0	< 20.0
	Bromomethane	74-83-9	50.0	< 50.0
	Carbon disulfide	75-15-0	20.0	< 20.0
	Carbon tetrachloride	56-23-5	20.0	< 20.0
	Chlorobenzene	108-90-7	20.0	< 20.0
	Chloroethane	75-00-3	20.0	< 20.0
	Chloroform	67-66-3	20.0	< 20.0
	Chloromethane	74-87-3	30.0	< 30.0
	cis-1,2-Dichloroethene	156-59-2	20.0	< 20.0
	cis-1,3-Dichloropropene	10061-01-5	20.0	< 20.0

**Dilution Factor:** 10



### Lab Sample ID: 1404528-004A

Client Sample ID: Inside Boom

	<b>Units:</b> µg/L	<b>Dilution Factor</b>	<b>:</b> 10		Method:	SW8260C	
n West	Compound			CAS Roumber	eporting Limit	Analytical Result	Qual
	Cyclohexane		11	10-82-7	20.0	< 20.0	
	Dibromochloromethane		12	24-48-1	20.0	< 20.0	
	Dichlorodifluoromethane		7	5-71-8	20.0	< 20.0	
	Ethylbenzene		10	00-41-4	20.0	< 20.0	
00 South	Isopropylbenzene		9	8-82-8	20.0	< 20.0	
84115	Methyl Acetate		7	9-20-9	50.0	< 50.0	
	Methyl tert-butyl ether		16	34-04-4	20.0	< 20.0	
	Methylcyclohexane		10	)8-87-2	20.0	< 20.0	
3-8686	Methylene chloride		7:	5-09-2	20.0	< 20.0	
63-8686	Naphthalene		9	1-20-3	20.0	< 20.0	
8687	Styrene		10	00-42-5	20.0	< 20.0	
labs.com	Tetrachloroethene		12	27-18-4	20.0	< 20.0	
aconcom	Toluene		10	)8-88-3	20.0	< 20.0	
s.com	TPH C6-C10 (GRO)				200	< 200	
	trans-1,2-Dichloroethene		15	56-60-5	20.0	< 20.0	
	trans-1,3-Dichloropropene		100	)61-02-6	20.0	< 20.0	
. Gross	Trichloroethene		7	9-01-6	20.0	< 20.0	
Director	Trichlorofluoromethane		7:	5-69-4	20.0	< 20.0	
	Vinyl chloride		7:	5-01-4	10.0	< 10.0	
e Rocha	Xylenes, Total		13	30-20-7	20.0	< 20.0	
Officer	Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
	Surr: 1,2-Dichloroethane-d4	17060-07-0	526	500.0	105	72-151	
	Surr: 4-Bromofluorobenzene	460-00-4	516	500.0	103	80-128	
	Surr: Dibromofluoromethane Surr: Toluene-d8	1868-53-7 2037-26-5	493 499	500.0 500.0	98.5 99.9	80-124 77-129	

The reporting limits were raised due to sample matrix interferences. Sample contained oil.

#### Report Date: 4/25/2014 Page 13 of 22



Surr: 4-Bromofluorobenzene

0.199

mg/L

#### 463 West 3600 South

Salt Lake City, UT 84115

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Kyle F. Gross Laboratory Director

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### Jose Rocha QA Officer

## **QC SUMMARY REPORT**

Lab Set ID: 1	Jtah Division of Water ( 404528 Deer Creek Res. Turkey	- •					Contact:Jim HarrisDept:GCQC Type:LCS							
Analyte		Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID: Test Code:	LCS-31905 8015-W-TPH(1L)	Date Analyzed: Date Prepared:	04/25/20 04/24/20											
Diesel Range Or	ganics (DRO) (C10-C28)	1.52	mg/L	SW8015D	0.198	0.500	2.000	0	75.8	48 - 118				

0.4000

49.8

18 - 95

SW8015D

Report Date: 4/25/2014 Page 14 of 22



Salt Lake City, UT 84115

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### Jose Rocha QA Officer

#### **QC SUMMARY REPORT** Utah Division of Water Quality Jim Harris **Client: Contact:** Lab Set ID: 1404528 Dept: GC QC Type: MBLK Deer Creek Res. Turkey Truck **Project:** Reporting Spike Ref. **RPD Ref.** RPD Amount Result Units Method MDL %REC % RPD Limit Qual Analyte Limit Spiked Limits Amount Amt Lab Sample ID: MB-31905 04/25/2014 042h Date Analyzed: Test Code: 8015-W-TPH(1L) Date Prepared: 04/24/2014 1625h Diesel Range Organics (DRO) (C10-C28) SW8015D 0.198 0.500 < 0.500mg/L SW8015D Surr: 4-Bromofluorobenzene 0.215 mg/L 0.4000 53.7 18 - 95

Report Date: 4/25/2014 Page 15 of 22



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### Jose Rocha QA Officer

**QC SUMMARY REPORT** 

Client:	Utah Division of Water	Quality					Contact	: Jim Harri	S					
Lab Set ID:	1404528						Dept:	GC						
Project:	Deer Creek Res. Turkey	Truck					QC Тур	e: MS						
Analyte		Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample II	<b>D: 1404528-001BMS</b> 8015-W-TPH(1L)	Date Analyzed: Date Prepared:												

Tes	Code:	8013-W-IPH(IL)	Date Prepared:	04/24/20	4/24/2014 10250										
Die	esel Range O	rganics (DRO) (C10-C28)	1.51	mg/L	SW8015D	0.198	0.500	2.000	0	75.3	60 - 161				
	Surr: 4-Brom	ofluorobenzene	0.158	mg/L	SW8015D			0.4000		39.6	10 - 190				

Report Date: 4/25/2014 Page 16 of 22



Surr: 4-Bromofluorobenzene

0.172

mg/L

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### Jose Rocha QA Officer

10 - 190

43.0

## **QC SUMMARY REPORT**

Lab Set ID: 1	Deer Creek Res. Turkey Truck							Contact:Jim HarrisDept:GCQC Type:MSD							
Analyte		Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual	
Lab Sample ID: Test Code:	<b>1404528-001BMSD</b> 8015-W-TPH(1L)	Date Analyzed: Date Prepared:	04/25/20 04/24/20												
Diesel Range O	rganics (DRO) (C10-C28)	1.50	mg/L	SW8015D	0.198	0.500	2.000	0	74.9	60 - 161	1.51	0.567	25		

0.4000

SW8015D

Report Date: 4/25/2014 Page 17 of 22



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## **QC SUMMARY REPORT**

ANALITICAL LA	BORATORIES		
Client:	Utah Division of Water Quality	Contact:	Jim Harris
Lab Set ID:	1404528	Dept:	MSVOA
Project:	Deer Creek Res. Turkey Truck	<b>QC Тур</b> е	: LCS

Analyte	Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID: LCS VOC-C 042414B	Date Analyzed:	04/24/20	14 1804h										
Test Code: 8260-W													
1,1,1-Trichloroethane	19.4	μg/L	SW8260C	1.01	2.00	20.00	0	96.8	59 - 156				
1,1-Dichloroethene	21.7	μg/L	SW8260C	0.294	2.00	20.00	0	109	46 - 171				
1,2-Dichlorobenzene	20.4	μg/L	SW8260C	1.44	2.00	20.00	0	102	67 - 135				
1,2-Dichloroethane	19.4	μg/L	SW8260C	1.40	2.00	20.00	0	97.2	60 - 137				
1,2-Dichloropropane	19.4	μg/L	SW8260C	1.30	2.00	20.00	0	96.8	59 - 135				
Benzene	19.8	μg/L	SW8260C	0.847	2.00	20.00	0	98.8	62 - 127				
Chlorobenzene	20.2	μg/L	SW8260C	1.36	2.00	20.00	0	101	63 - 140				
Chloroform	20.2	μg/L	SW8260C	1.28	2.00	20.00	0	101	67 - 132				
Ethylbenzene	20.7	μg/L	SW8260C	0.306	2.00	20.00	0	103	55 - 133				
Isopropylbenzene	20.5	μg/L	SW8260C	1.31	2.00	20.00	0	102	60 - 162				
Methyl tert-butyl ether	18.6	μg/L	SW8260C	0.211	2.00	20.00	0	92.8	37 - 189				
Methylene chloride	18.6	μg/L	SW8260C	1.76	2.00	20.00	0	93.0	32 - 185				
Naphthalene	18.7	μg/L	SW8260C	0.671	2.00	20.00	0	93.7	28 - 136				
Toluene	19.7	μg/L	SW8260C	1.41	2.00	20.00	0	98.6	64 - 129				
Trichloroethene	20.4	μg/L	SW8260C	0.376	2.00	20.00	0	102	54 - 152				
Xylenes, Total	62.8	μg/L	SW8260C	1.05	2.00	60.00	0	105	52 - 134				
Surr: 1,2-Dichloroethane-d4	50.0	μg/L	SW8260C			50.00		100	76 - 138				
Surr: 4-Bromofluorobenzene	49.2	μg/L	SW8260C			50.00		98.5	77 - 121				
Surr: Dibromofluoromethane	49.3	μg/L	SW8260C			50.00		98.6	67 - 128				
Surr: Toluene-d8	48.9	μg/L	SW8260C			50.00		97.8	81 - 135				



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## **QC SUMMARY REPORT**

**Contact:** 

Dept:

Jim Harris

**MSVOA** 

Client:	Utah Division of Water Quality
Lab Set ID:	1404528
Project:	Deer Creek Res. Turkey Truck

Jose Rocha QA Officer

Project: Deer Creek Res. Turkey		QC Typ	e: MBLK										
Analyte	Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID:MB VOC-C 042414BTest Code:8260-W	Date Analyzed:	04/24/20	14 1841h										
1,1,1-Trichloroethane	< 2.00	μg/L	SW8260C	1.01	2.00								
1,1,2,2-Tetrachloroethane	< 2.00	μg/L	SW8260C	0.281	2.00								
1,1,2-Trichloro-1,2,2-trifluoroethane	< 2.00	μg/L	SW8260C	0.324	2.00								
1,1,2-Trichloroethane	< 2.00	μg/L	SW8260C	1.43	2.00								
1,1-Dichloroethane	< 2.00	μg/L	SW8260C	1.35	2.00								
1,1-Dichloroethene	< 2.00	μg/L	SW8260C	0.294	2.00								
1,2,4-Trichlorobenzene	< 2.00	μg/L	SW8260C	0.357	2.00								
1,2-Dibromo-3-chloropropane	< 5.00	μg/L	SW8260C	0.421	5.00								
1,2-Dibromoethane	< 2.00	μg/L	SW8260C	1.40	2.00								
1,2-Dichlorobenzene	< 2.00	μg/L	SW8260C	1.44	2.00								
1,2-Dichloroethane	< 2.00	μg/L	SW8260C	1.40	2.00								
1,2-Dichloropropane	< 2.00	μg/L	SW8260C	1.30	2.00								
1,3-Dichlorobenzene	< 2.00	μg/L	SW8260C	0.366	2.00								
1,4-Dichlorobenzene	< 2.00	μg/L	SW8260C	0.309	2.00								
2-Butanone	< 10.0	μg/L	SW8260C	0.806	10.0								
2-Hexanone	< 5.00	μg/L	SW8260C	0.532	5.00								
4-Methyl-2-pentanone	< 5.00	μg/L	SW8260C	0.360	5.00								
Acetone	< 10.0	μg/L	SW8260C	3.62	10.0								
Benzene	< 2.00	μg/L	SW8260C	0.847	2.00								
Bromodichloromethane	< 2.00	μg/L	SW8260C	0.209	2.00								
Bromoform	< 2.00	μg/L	SW8260C	0.396	2.00								
Bromomethane	< 5.00	μg/L	SW8260C	2.68	5.00								
Carbon disulfide	< 2.00	μg/L	SW8260C	0.285	2.00								
Carbon tetrachloride	< 2.00	μg/L	SW8260C	0.378	2.00								
Chlorobenzene	< 2.00	μg/L	SW8260C	1.36	2.00								
Chloroethane	< 2.00	μg/L	SW8260C	0.550	2.00								
Chloroform	< 2.00	μg/L	SW8260C	1.28	2.00								
Chloromethane	< 3.00	μg/L	SW8260C	1.26	3.00								
cis-1,2-Dichloroethene	< 2.00	μg/L	SW8260C	0.271	2.00								

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## **OC SUMMARY REPORT**

Client:	Utah Division of Water Quality
Lab Set ID:	1404528
Project.	Deer Creek Res, Turkey Truck

Jose Rocha **QA** Officer

Client:Utah Division of WaterLab Set ID:1404528Project:Deer Creek Res. Turkey	Contact: Dept: QC Type	MSVOA											
Analyte	Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID:MB VOC-C 042414BTest Code:8260-W	Date Analyzed:	04/24/20	14 1841h										
cis-1,3-Dichloropropene	< 2.00	μg/L	SW8260C	1.13	2.00								
Cyclohexane	< 2.00	μg/L	SW8260C	0.405	2.00								
Dibromochloromethane	< 2.00	μg/L	SW8260C	0.996	2.00								
Dichlorodifluoromethane	< 2.00	μg/L	SW8260C	1.04	2.00								
Ethylbenzene	< 2.00	μg/L	SW8260C	0.306	2.00								
Isopropylbenzene	< 2.00	μg/L	SW8260C	1.31	2.00								
Methyl Acetate	< 5.00	μg/L	SW8260C	1.14	5.00								
Methyl tert-butyl ether	< 2.00	μg/L	SW8260C	0.211	2.00								
Methylcyclohexane	< 2.00	μg/L	SW8260C	0.427	2.00								
Methylene chloride	< 2.00	μg/L	SW8260C	1.76	2.00								
Naphthalene	< 2.00	μg/L	SW8260C	0.671	2.00								
Styrene	< 2.00	μg/L	SW8260C	0.238	2.00								
Tetrachloroethene	< 2.00	μg/L	SW8260C	0.396	2.00								
Toluene	< 2.00	μg/L	SW8260C	1.41	2.00								
TPH C6-C10 (GRO)	< 20.0	μg/L	SW8260C	2.77	20.0								
trans-1,2-Dichloroethene	< 2.00	μg/L	SW8260C	0.346	2.00								
trans-1,3-Dichloropropene	< 2.00	μg/L	SW8260C	1.23	2.00								
Trichloroethene	< 2.00	μg/L	SW8260C	0.376	2.00								
Trichlorofluoromethane	< 2.00	μg/L	SW8260C	0.363	2.00								
Vinyl chloride	< 1.00	μg/L	SW8260C	0.466	1.00								
Xylenes, Total	< 2.00	μg/L	SW8260C	1.05	2.00								
Surr: 1,2-Dichloroethane-d4	51.1	μg/L	SW8260C			50.00		102	76 - 138				
Surr: 4-Bromofluorobenzene	51.6	µg/L	SW8260C			50.00		103	77 - 121				
Surr: Dibromofluoromethane	49.3	μg/L	SW8260C			50.00		98.6	67 - 128				
Surr: Toluene-d8	50.8	μg/L	SW8260C			50.00		102	81 - 135				

Report Date: 4/25/2014 Page 20 of 22



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## **QC SUMMARY REPORT**

ANALTITCAL	BORATORIES		
Client:	Utah Division of Water Quality	Contact:	Jim Harris
Lab Set ID:	1404528	Dept:	MSVOA
Project:	Deer Creek Res. Turkey Truck	QC Type:	MS

Analyte	Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID: 1404517-006AMS	Date Analyzed:	04/24/20	14 1919h										
Test Code: 8260-W													
1,1,1-Trichloroethane	20.3	μg/L	SW8260C	1.01	2.00	20.00	0	102	67 - 147				
1,1-Dichloroethene	22.2	μg/L	SW8260C	0.294	2.00	20.00	0	111	51 - 152				
1,2-Dichlorobenzene	20.0	μg/L	SW8260C	1.44	2.00	20.00	0	100	70 - 130				
1,2-Dichloroethane	20.4	μg/L	SW8260C	1.40	2.00	20.00	0	102	39 - 162				
1,2-Dichloropropane	19.8	μg/L	SW8260C	1.30	2.00	20.00	0	99.0	59 - 135				
Benzene	20.6	μg/L	SW8260C	0.847	2.00	20.00	0	103	66 - 145				
Chlorobenzene	20.4	μg/L	SW8260C	1.36	2.00	20.00	0	102	63 - 140				
Chloroform	55.5	μg/L	SW8260C	1.28	2.00	20.00	34.1	107	50 - 146				
Ethylbenzene	20.8	μg/L	SW8260C	0.306	2.00	20.00	0	104	69 - 133				
Isopropylbenzene	20.1	μg/L	SW8260C	1.31	2.00	20.00	0	101	60 - 147				
Methyl tert-butyl ether	19.8	μg/L	SW8260C	0.211	2.00	20.00	0	99.2	37 - 189				
Methylene chloride	19.0	μg/L	SW8260C	1.76	2.00	20.00	0	95.2	30 - 192				
Naphthalene	18.2	μg/L	SW8260C	0.671	2.00	20.00	0	91.1	41 - 131				
Toluene	20.8	μg/L	SW8260C	1.41	2.00	20.00	0	104	18 - 192				
Trichloroethene	20.6	μg/L	SW8260C	0.376	2.00	20.00	0	103	61 - 153				
Xylenes, Total	60.9	μg/L	SW8260C	1.05	2.00	60.00	0	102	42 - 167				
Surr: 1,2-Dichloroethane-d4	52.5	μg/L	SW8260C			50.00		105	72 - 151				
Surr: 4-Bromofluorobenzene	50.4	μg/L	SW8260C			50.00		101	80 - 128				
Surr: Dibromofluoromethane	50.6	μg/L	SW8260C			50.00		101	80 - 124				
Surr: Toluene-d8	49.3	$\mu g/L$	SW8260C			50.00		98.7	77 - 129				



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## **QC SUMMARY REPORT**

ANALTITCAL LA	I ONATONIES	•	
Client:	Utah Division of Water Quality	Contact:	Jim Harris
Lab Set ID:	1404528	Dept:	MSVOA
Project:	Deer Creek Res. Turkey Truck	<b>QC Туре:</b>	MSD

Analyte	Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID: 1404517-006AMSD	Date Analyzed:	04/24/20	14 1937h										
Test Code: 8260-W													
1,1,1-Trichloroethane	18.8	μg/L	SW8260C	1.01	2.00	20.00	0	94.0	67 - 147	20.3	7.67	25	
1,1-Dichloroethene	20.1	μg/L	SW8260C	0.294	2.00	20.00	0	100	51 - 152	22.3	10.3	25	
1,2-Dichlorobenzene	18.6	μg/L	SW8260C	1.44	2.00	20.00	0	92.9	70 - 130	20	7.51	25	
1,2-Dichloroethane	18.8	μg/L	SW8260C	1.40	2.00	20.00	0	93.9	39 - 162	20.4	8.02	25	
1,2-Dichloropropane	18.4	μg/L	SW8260C	1.30	2.00	20.00	0	92.1	59 - 135	19.8	7.27	25	
Benzene	19.1	μg/L	SW8260C	0.847	2.00	20.00	0	95.3	66 - 145	20.6	7.57	25	
Chlorobenzene	18.8	μg/L	SW8260C	1.36	2.00	20.00	0	94.3	63 - 140	20.4	7.90	25	
Chloroform	53.5	μg/L	SW8260C	1.28	2.00	20.00	34.1	97.0	50 - 146	55.5	3.69	25	
Ethylbenzene	19.3	μg/L	SW8260C	0.306	2.00	20.00	0	96.3	69 - 133	20.8	7.59	25	
Isopropylbenzene	18.6	μg/L	SW8260C	1.31	2.00	20.00	0	93.0	60 - 147	20.1	7.75	25	
Methyl tert-butyl ether	19.5	μg/L	SW8260C	0.211	2.00	20.00	0	97.3	37 - 189	19.8	1.93	25	
Methylene chloride	17.6	μg/L	SW8260C	1.76	2.00	20.00	0	87.8	30 - 192	19	8.14	25	
Naphthalene	16.5	μg/L	SW8260C	0.671	2.00	20.00	0	82.3	41 - 131	18.2	10.1	25	
Toluene	19.1	μg/L	SW8260C	1.41	2.00	20.00	0	95.7	18 - 192	20.8	8.36	25	
Trichloroethene	19.2	μg/L	SW8260C	0.376	2.00	20.00	0	96.1	61 - 153	20.6	7.08	25	
Xylenes, Total	56.9	μg/L	SW8260C	1.05	2.00	60.00	0	94.9	42 - 167	60.9	6.79	25	
Surr: 1,2-Dichloroethane-d4	51.7	μg/L	SW8260C			50.00		103	72 - 151				
Surr: 4-Bromofluorobenzene	50.3	μg/L	SW8260C			50.00		101	80 - 128				
Surr: Dibromofluoromethane	50.2	μg/L	SW8260C			50.00		100	80 - 124				
Surr: Toluene-d8	48.3	μg/L	SW8260C			50.00		96.6	77 - 129				

Report Date: 4/25/2014 Page 22 of 22

American West Analytical Laboratories

**RUSH** 

WORK O	<b>RDER Summary</b>				Work (	Order: <b>14</b>	04528	Page 1 of 1
Client:	Utah Division of Water Quality				Due	Date: 4/25	/2014	
Client ID:	UTD200		Contact	Jim Harris				
Project: Comments:	Deer Creek Res. Turkey Truck Next Day Rush / QC2;		QC Leve	el: II	WC	) Type: Sta	ndard	eh
Sample ID	Client Sample ID	Collected Date	Received Date	Test Code	Matrix	Sel	Storage	
1404528-001A	Midd Channel	4/24/2014 1255h	4/24/2014 1453h	<b>8260-W</b> Test Group: 8260-	Aqueous W-AWAL; # of Analytes: 50 / # of ,	Surr: 4	vOC	3
1404528-001B				3510-TPH-PR			Walkin-TPH (I	Liters) 4
				8015-W-TPH(1L) Test Group: 8015-	W-TPH1L; # of Analytes: 1 / # of S	Surr: 1	Walkin-TPH (I	Liters)
1404528-002A	Below Boom SW	4/24/2014 1245h	4/24/2014_1453h	8260-W	Aqueous W-AWAL; # of Analytes: 50 / # of A	$\checkmark$	vOC	3
1404528-002B				3510-TPH-PR	, 11, 112, 1 0, 11, 11, 10, 0, 0, 0, 0, 1, 0, 1		Walkin-TPH (I	Liters) 2
				8015-W-TPH(1L) Test Group: 8015-	W-TPH1L; # of Analytes: 1 / # of S	✓ Surr: 1	Walkin-TPH (l	Liters)
1404528-003A	Above Boom NE	4/24/2014 1255h	4/24/2014 1453h	<b>8260-W</b> Test Group: 8260-	Aqueous W-AWAL; # of Analytes: 50 / # of A	Surr: 4	vOC	3
1404528-003B				3510-TPH-PR			Walkin-TPH (J	Liters) 2
				8015-W-TPH(1L) Test Group: 8015-	W-TPH1L; # of Analytes: 1 / # of S	✓ Surr: 1	Walkin-TPH (l	Liters)
1404528-004A	Inside Boom	4/24/2014 1305h	4/24/2014 1453h	8260-W	Aqueous W-AWAL; # of Analytes: 50 / # of A	Surray A	vOC	3
1404528-004B				3510-TPH-PR	W-AWAL, # 0J Analyles: 50 / # 0J		Walkin-TPH ()	Liters) 2
	1		······································	8015-W-TPH(1L)	W-TPH1L; # of Analytes: 1 / # of S	<b>✓</b> Surr: 1	Walkin-TPH (I	,

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ANALYTICAL LABO 463 W. 3600 S. SALT LAKE C	AMERICAN WEST ANALYTICAL LABORATORIES 463 W. 3600 S. SALT LAKE CITY, UT 84115					CHAIN OF CUSTODY ALL ANALYSIS WILL BE CONDUCTED USING NELAP ACCREDITED METHODS AND ALL DATA WILL BE REPORTED USING AWAL'S STANDARD ANALYTE LISTS AND REPORTING LIMITS (PQL) UNLESS SPECIFICALLY REQUESTED OTHERWISE ON THIS CHAIN OF CUSTODY AND/OR ATTACHED DOCUMENTATION.								
	e # (888) 263-8686 wal@awal-labs.com			OTHE		1		ODY AND/C		HED DOCUMENTATION. UNLESS OTHER ARRANGEMENTS HAVE	Page of			
WWW.AWAL-LABS		1	Ø	2+ 3				4 5		BEEN MADE, SIGNED REPORTS WILL BE EMAILED BY <b>5:00 PM</b> on the DAY THEY ARE DUE,				
CLIENT: State of Utah(Di Address: CONTACT: Jim Harviss	V. WatrQue	ality								REPORT DOWN TO THE MDL  INCLUDE EDD:  LAB FILTER FOR:  Field Filtered For:  For Compliance With:	LABORATORY USE ONLY SAMPLES WERE: 1 SHIPPED OR HAND DELIVERED 2 AMBIENT OR CHILLED			
PHONE # 801536-4300 CELL # 80 EMAIL: PROJECT NAME: Deen CVECK Res PROJECT #: PO #:	)541-302 , Tarkayti	Towners		H - du	lhan - li					For Compliance with:         NELAP         RCRA         CWA         SDWA         ELAP / A2LA         NLLAP         Non-Compliance         Other:	3 TEMPERATURE C 4 RECEIVED BROKEN/LEAKING (IMPROPERLY SEALED) Y 5 PROPERLY PRESERVED N CHECKED AT BENCH			
SAMPLER NAME: Daniel that 8		IME HO IME HO MPLED #	SAMPLE TV	201	•					Known Hazards & Sample Comments	6 Received Within Holding Times Y N			
Below Boom S.W. Below Boom S.W. Above Boom B. E. Thside Boom	4/24/14/12/ 4/24/14/12/ 4/24/14/12 4/24/14/13	55 46 55 6 305 6	T (05)								COC TAPE WAS: 1 PRESENT ON OUTER BACKAGE Y N NA 2 UNBROKEN ON OUTER PACKAGE Y N NA			
3 7 3 9											3 PRESENT ON SAMPLE Y N NA 4 UNBROKEN ON SAMPLE Y N NA Discrepancies Between Sample			
											LABELS AND COC RECORD?			
SIGNATURE	PRINT I	NAME: 5/	hn	-Afa -Ha	1 de	Ţ		DATE:	4/14 5 7	Special Instructions:				
RELINQUISHED BY: Signature Print Name: Relinquished by:	SIGNAT TIME: PRINT I DATE: RECEIV	Name: ved by:						Date: Time: Date:						
Signature Print Name: Relinquished by: Signature	Signat Time: Print I Date: Receiv Signat	Name: Ved by:						Time: Date:						
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