

MONITORING RUN:

TRIP ID: SE1W062408

RUN SEQUENCE NUMBER:

STORET: LAB ID: [ 65 ]

TYPE: [ 4 ]

PROJECT: 352

DESCRIPTION: PR Spring

COLLECTOR: [ Bird ] [ Shan ] [ ] [ ] [ ] [ ] [ AGENCY: 0 ] [ ]

DATE: [ 0 ] [ 8 ] [ 0 ] [ 6 ] [ 2 ] [ 4 ] TIME: [ 1 ] [ 4 ] [ 0 ] [ 0 ]

WEATHER CONDITIONS: [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ]

FIELD CONDITIONS: [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ]

FIELD TESTS

AIR TEMP. (CELCIUS):	[ ] [ ] [ ] [ ]	TRANSPARENCY (METERS):	[ ] [ ] [ ] [ ]		
TEMPERATURE (CELCIUS):	[ ] [ ] [ ] [ ]	CL. RESID:	[ ] [ ] [ ] [ ]		
pH:	[ ] [ ] [ ] [ ]	TURBIDITY (NTU):	[ ] [ ] [ ] [ ]		
SP COND UMHOS/CM	[ ] [ ] [ ] [ ] [ ] [ ]	FLOW (MGD):	[ ] [ ] [ ] [ ] [ ] [ ]		
SALINITY PPM:	[ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ]	FLOW (GPM):	[ ] [ ] [ ] [ ] [ ] [ ]		
% D.O. SATURATION:	[ ] [ ] [ ] [ ] [ ] [ ]	FLOW (CFS):	[ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ]		
D.O.:	[ ] [ ] [ ] [ ] [ ] [ ]	FLOW ESTIMATED:	[ ]	MEASURED:	[ ]
DEPTH: (METERS)	[ ] [ ] [ ] [ ] [ ] [ ]				

~~B.O.D. ( )~~ TEMP: \_\_\_\_\_ pH: \_\_\_\_\_ COMMENTS: \_\_\_\_\_

~~BACTERIAL ( )~~ TEMP: \_\_\_\_\_ pH: \_\_\_\_\_ COMMENTS: \_\_\_\_\_

CHEMISTRY: (1) TDS x 1 TEMP: 8.7 pH: \_\_\_\_\_ COMMENTS: \_\_\_\_\_

~~CYANIDE ( )~~ TEMP: \_\_\_\_\_ pH: \_\_\_\_\_ COMMENTS: \_\_\_\_\_

~~FILTERED METALS ( )~~ TEMP: \_\_\_\_\_ pH: \_\_\_\_\_ COMMENTS: \_\_\_\_\_

~~NON-FILTERED NUTRIENT ( )~~ TEMP: \_\_\_\_\_ pH: \_\_\_\_\_ COMMENTS: \_\_\_\_\_

METHOD: 624: (X) x 4 TEMP: 10.3 pH: \_\_\_\_\_ COMMENTS: \_\_\_\_\_

METHOD: 625: (X) x 1 TEMP: 8.5 pH: \_\_\_\_\_ COMMENTS: \_\_\_\_\_

~~METHOD: OIL & GREASE (X)~~ TEMP: \_\_\_\_\_ pH: \_\_\_\_\_ COMMENTS: \_\_\_\_\_

~~METHOD: SULFIDE ( )~~ TEMP: \_\_\_\_\_ pH: \_\_\_\_\_ COMMENTS: \_\_\_\_\_

TPH (X) x 2 139

read one 624 empty

Cost Code: 352

METHOD 8015 B TPH  
Total Petroleum Hydrocarbon

Lab# 200804258

Send Report To:  
UDEQ - DWQ / WATER QUALITY  
ARNE HULTQUIST  
PO BOX 144870  
SALT LAKE CITY UT 84114-4870

Utah Division of Laboratory Services  
46 North Medical Drive  
Salt Lake City, UT 84113

Date/Time Collected: 06/24/08 14:00

Sample Matrix: Water

Collected By: BIRD SHAW

Sampling Site: \_\_\_\_\_

Description of Sampling Point: PR SPRING

Analyst: *hgw*

Date Received: 06/27/2008

Date Extracted: 6/30/08

Dilution Factor: \_\_\_\_\_

Date Analyzed: 6/30/08

<u>Compound</u>	<u>MRL/Results</u>	<u>water</u> mg/l	<del><u>soil</u></del> mg/kg
GRO (C6-C10)	1.0		U
DRO (C10-C28)	1.0		U
Total TPH	1.0		U

U- Analyzed for but not detected.

Analysis Certified By: \_\_\_\_\_

*Paul F. [Signature]*

Date: \_\_\_\_\_

7/3/08

UTAH STATE DEPARTMENT OF HEALTH  
DIVISION OF LABORATORY SERVICES  
Environmental Chemistry Analysis Report

UDEQ - DWQ / WATER QUALITY  
ARNE HULTQUIST  
PO BOX 144870  
SALT LAKE CITY

UT 84114-4870

801-538-6146

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Lab Number: 200804258    Sample Type: 04    Cost Code: 352  
Description: PR SPRING  
Collector: BIRD SHAW

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Site ID:	Source No: 00	Organic Review:	08/05/2008
Sample Date: 06/24/2008	Time: 14:00	Inorganic Review:	07/07/2008
		Radiochemistry Review:	
		Microbiology Review:	

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TEST RESULTS:

TDS @ 180C            384 mg/l

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QUALIFYING COMMENTS (\*) on test results:    NO COMMENTS

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END OF REPORT

IR - 000040



9, 01/214

Cost Code: 352

EPA METHOD 524.2/8260B GC/MS  
Purgeables

Lab #: 200804258

Send Report To:  
UDEQ - DWQ / WATER QUALITY  
ARNE HULTQUIST  
PO BOX 144870  
SALT LAKE CITY UT 84114-4870

APR 29 2009

Utah Division of Laboratory Services  
46 North Medical Drive  
Salt Lake City, UT 84113

Date/Time Collected: 06/24/200814:00 Sample Matrix: Water  
Collected By: BIRD SHAW Sampling Site:  
Description of Sampling Point: PR SPRING

Analyst: \_\_\_\_\_ Date Received: 06/27/2008 Date Analyzed: \_\_\_\_\_

<u>Regulated</u>	<u>MRL</u>	<u>Results</u>	<u>List 1</u>	<u>MRL</u>	<u>Results</u>
		ug/L			ug/L
Benzene	1.0	U	Chloroform	1.0	U
Carbon Tetrachloride	1.0	U	Bromodichloromethane	1.0	U
1,2-Dichloroethane	1.0	U	Chlorodibromomethane	1.0	U
1,1-Dichloroethylene	1.0	U	Bromoform	1.0	U
Para-Dichlorobenzene	1.0	U	m-Dichlorobenzene	1.0	U
1,1,1-Trichloroethane	1.0	U	1,1-Dichloropropene	1.0	U
Trichloroethylene	1.0	U	1,1-Dichloroethane	1.0	U
Vinyl Chloride	1.0	U	1,1,2,2-Tetrachloroethane	1.0	U
o-Dichlorobenzene	1.0	U	1,3-Dichloropropene	1.0	U
cis 1,2-Dichloroethylene	1.0	U	Chloromethane	1.0	U
trans 1,2-Dichloroethylene	1.0	U	Bromomethane	1.0	B1.4
1,2-Dichloropropane	1.0	U	1,2,3-Trichloropropane	1.0	U
Ethylbenzene	1.0	U	1,1,1,2-Tetrachloroethane	1.0	U
Monochlorobenzene	1.0	U	Chloroethane	1.0	U
Styrene	1.0	U	2,2-Dichloropropane	1.0	U
Tetrachloroethylene	1.0	U	o-Chlorotoluene	1.0	U
Toluene	1.0	U	p-Chlorotoluene	1.0	U
Xylenes (total)	1.0	U	Bromobenzene	1.0	U
Dichloromethane	1.0	U	cis-1,3-Dichloropropene	1.0	U
1,2,4-Trichlorobenzene	1.0	U	trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U	Dibromomethane	1.0	U
Ethylene Dibromide	1.0	U			
1,2-dibromo-3-chloropropane	1.0	U			
<u>List 3</u>	<u>MRL</u>	<u>Results</u>		<u>MRL</u>	<u>Results</u>
		ug/L			ug/L
1,2,4-Trimethylbenzene	1.0	U	p-Isopropyltoluene	1.0	U
1,2,3-Trichlorobenzene	1.0	U	Isopropylbenzene	1.0	U
n-Propylbenzene	1.0	U	Tert-butylbenzene	1.0	U
n-Butylbenzene	1.0	U	Sec-butylbenzene	1.0	U
Napthalene	1.0	U	Fluorotrichloromethane	1.0	U
Hexachlorobutadiene	1.0	U	Dichlorodifluoromethane	1.0	U
1,3,5-Trimethylbenzene	1.0	U	Bromochloromethane	1.0	U
Methyl T-Butyl Ether	1.0	U			

U- Analyzed for but not detected

Analysis Certified By: \_\_\_\_\_ Date: \_\_\_\_\_

Cost Code: 352

EPA METHOD 625/8270A (GC/MS)  
Base Neutral/Acid Extractables

Lab # 200804258

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ARNE HULTQUIST  
PO BOX 144870  
SALT LAKE CITY UT 84114-4870

Utah Division of Laboratory Services  
46 North Medical Drive  
Salt Lake City, UT 84113

Date/Time Collected: 06/24/2008 14:00

Sample Matrix: Water

Collected By: BIRD SHAW

Sampling Site:

Description of Sampling Point: PR SPRING

Analyst: \_\_\_\_\_ Date Received: 06/27/2008 Date Analyzed: \_\_\_\_\_

Aliquot Sample Extracted: \_\_\_\_\_ Final Extract Volume: \_\_\_\_\_

(MDL based on 1 L. extracted, 1 ml final volume)

Name	MRL/Results	ug/l		MRL/Results	ug/l
Acenaphthene	2.0		U	Hexachlorobenzene	6.0 U
Acenaphthylene	2.0		U	Hexachlorobutadiene	4.0 U
Anthracene	2.0		U	Hexachloroethane	2.0 U
Aniline	8.0		U	Hexachlorocyclopentadiene	20.0 U
Benzidine	40.0		U	Ideno(1,2,3-c,d)pyrene	2.0 U
Benzo(a)anthracene	2.0		U	Isophorone	2.0 U
Benzo(b)fluoranthene	2.0		U	2-Methyl-4,6-dinitrophenol	10.0 U
Benzo(k)fluoranthene	2.0		U	2-Methyl naphthalene	2.0 U
Benzo(a)pyrene	2.0		U	2-Methyl phenol (o-cresol)	2.0 U
Benzo(ghi)perylene	2.0		U	3-Methyl phenol (m-cresol)	2.0 U
Benzylbutylphthalate	2.0		U	4-Methyl phenol (p-cresol)	4.0 U
Benzyl alcohol	10.0		U	Naphthalene	2.0 U
Benzoic acid	60.0		U	2-Nitroaniline	2.0 U
Bis(2-chloroethyl)ether	2.0		U	3-Nitroaniline	4.0 U
Bis(2-chloroethoxy)methane	2.0		U	4-Nitroaniline	4.0 U
Bis(2-chloroisopropyl)ether	2.0		U	Nitrobenzene	4.0 U
Bis(2-ethylhexyl)phthalate	2.0		U	2-Nitrophenol	10.0 U
4-Bromophenyl phenyl ether	2.0		U	4-Nitrophenol	20.0 U
4-Chloraniline	2.0		U	n-Nitrosodimethylamine	8.0 U
2-Chloronaphthalene	2.0		U	n-Nitrosodiphenylamine	4.0 U
4-Chloro-3-methyl phenol	2.0		U	n-Nitrosodipropylamine	6.0 U
2-Chlorophenol	2.0		U	Pentachlorophenol	20.0 U
4-Chlorophenyl phenyl ether	4.0		U	Phenanthrene	2.0 U
Chrysene	2.0		U	Phenol	4.0 U
Dibenzo(a,h)anthracene	2.0		U	Pyrene	2.0 U
Dibenzofuran	4.0		U	1,2,4-Trichlorobenzene	2.0 U
Di-n-butyl phthalate	2.0		U	2,4,6-Trichlorophenol	4.0 U
1,3-Dichlorobenzene (meta)	2.0		U		
1,2-Dichlorobenzene (ortho)	2.0		U	<u>Tentatively Identified Compounds</u>	
1,4-Dichlorobenzene (para)	2.0		U	<u>Name</u>	<u>Scan # Results</u>
3,3-Dichlorobenzidine	4.0		U	_____	_____
2,4-Dichlorophenol	4.0		U	_____	_____
2,4-Dimethylphenol	2.0		U	_____	_____
Diethyl phthalate	2.0		U	_____	_____
2,4-Dinitrophenol	20.0		U		
Dimethyl phthalate	2.0		U	U - Analyzed for but not detected.	
2,4-Dinitrotoluene	2.0		U	J - An estimated value for a tentatively	
2,6-Dinitrotoluene	2.0		U	identified compound OR a value less	
Di-n-octyl phthalate	2.0		U	than the detection limit but greater	
Fluoranthene	2.0		U	than zero.	
Fluorene	2.0		U	B - Found in the blank.	

Analysis Certified By: \_\_\_\_\_

Date: \_\_\_\_\_