

Lab-Sample Number: N00015577003
 Project Name:
 Sample Description: Rock Island Spring

Field Determinations
 pH:
 Chlorine, residual:
 Conductivity:
 Temperature:
 Dissolved Oxygen:
 Other:
 Flow: CFS

Sampler Project Name: UDWI

Project Site No.:
 Station No.: 16UDWI#15
 Date/Time Collected: 06/14/2016 10:10
 Sampler's Name: Judy Manners
 County: WARREN - 89
 Sample Matrix: Water
 EFO: Nashville
 Sampling Agency: TDOH
 Billing Code: HL00017233
 Send Report To: TDOH
 Priority Date:
 Date/Time Received: 06/14/2016 12:56

Agency Invoiced: TDOH
 Received By: N Ingalls

TEST: Calcium Hardness By Calculation		METHOD: SM 2340B				
PERFORMING LAB: Nashville						
ANALYTE	RESULT	UNITS	MDL	MQL	ANALYZED BY:	DATE
Calcium Hardness By Calculation	160	mg/L	0.09	0.25	M Pattanayek	6/17/2016

TEST: Digestion Metals		METHOD: EPA 200.2				
PERFORMING LAB: Nashville						
ANALYTE	RESULT	UNITS	MDL	MQL	ANALYZED BY:	DATE
Digestion Metals	06/16/2016				M Pattanayek	6/16/2016

TEST: ICP		METHOD: EPA 200.7				
PERFORMING LAB: Nashville						
ANALYTE	RESULT	UNITS	MDL	MQL	ANALYZED BY:	DATE
Calcium	65	mg/L	0.038	0.1	M Pattanayek	6/17/2016
Iron	17	µg/L	6.2	10	M Pattanayek	6/17/2016
Magnesium	8.5	mg/L	0.019	0.1	M Pattanayek	6/17/2016
Potassium	0.46	mg/L	0.025	0.1	M Pattanayek	6/17/2016
Sodium	1.0	mg/L	0.032	0.1	M Pattanayek	6/17/2016

TEST: ICP-MS		METHOD: EPA 200.8				
PERFORMING LAB: Nashville						
ANALYTE	RESULT	UNITS	MDL	MQL	ANALYZED BY:	DATE
Aluminum	13	µg/L	6.4	10	S Miller	6/20/2016
Antimony	U	µg/L	0.25	1	S Miller	6/20/2016
Arsenic	U	µg/L	0.54	5	S Miller	6/20/2016
Barium	20	µg/L	0.27	5	S Miller	6/20/2016
Beryllium	U	µg/L	0.23	1	S Miller	6/20/2016
Boron	U	µg/L	3.9	10	S Miller	6/22/2016
Cadmium	U	µg/L	0.26	1	S Miller	6/20/2016
Chromium	1.8J	µg/L	0.90	5	S Miller	6/20/2016
Cobalt	U	µg/L	0.30	1	S Miller	6/20/2016
Copper	U	µg/L	0.40	1	S Miller	6/20/2016
Lead	U	µg/L	0.28	1	S Miller	6/20/2016
Lithium	1.0	µg/L	0.24	1	S Miller	6/20/2016

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TEST: ICP-MS		METHOD: EPA 200.8				
PERFORMING LAB: Nashville						
ANALYTE	RESULT	UNITS	MDL	ML	ANALYZED BY:	DATE
Manganese	1.5	µg/L	0.35	1	S Miller	6/20/2016
Nickel	3.2	µg/L	0.39	1	S Miller	6/20/2016
Selenium	U	µg/L	1.2	5	S Miller	6/20/2016
Silver	U	µg/L	0.081	0.25	S Miller	6/20/2016
Strontium	310	µg/L	0.27	1	S Miller	6/20/2016
Thallium	U	µg/L	0.29	1	S Miller	6/20/2016
Vanadium	U	µg/L	2.2	5	S Miller	6/20/2016
Zinc	4.3J	µg/L	1.1	5	S Miller	6/20/2016

TEST: Mercury		METHOD: EPA 245.1				
PERFORMING LAB: Nashville						
ANALYTE	RESULT	UNITS	MDL	ML	ANALYZED BY:	DATE
Mercury	U	µg/L	0.046	0.2	S Miller	6/15/2016

TEST: Total Hardness By Calculation		METHOD: SM 2340B				
PERFORMING LAB: Nashville						
ANALYTE	RESULT	UNITS	MDL	ML	ANALYZED BY:	DATE
Total Hardness By Calculation	200	mg/L	0.17	0.66	M Pattanayek	6/17/2016