

Conn Creek Basin Monitoring Program

(Lower Guard Shack)

	Lab Report #	L615443	L615424	L615438	L615404	L615682	L615910	L616083			L616987	
	Date Sampled	01/11/2013	01/12/2013	01/13/2013	01/14/2013	01/15/2013	01/16/2013	01/17/2013	01/18/2013	01/21/2013	01/23/2013	01/25/2013
Conn Creek - flowing water near Guard Shack	Sample Name	Guard Shack Creek	Guard Shack Creek	Guard Shack Creek	Guard Shack Creek	Guard Shack Creek	Guard Shack Creek	Guard Shack Creek	Guard Shack Creek	Guard Shack Creek	Guard Shack Creek	Guard Shack Creek
Organics in Water	MCL (mg/L)											
TPH (GRO and DRO)	500	BDL	BDL	BDL	BDL	BDL	BDL	BDL			BDL	
Benzene	0.17	BDL	BDL	BDL	BDL	BDL	BDL	BDL			BDL	
Toluene	85	BDL	BDL	BDL	BDL	BDL	BDL	BDL			BDL	
Ethylbenzene	100	BDL	BDL	BDL	BDL	BDL	BDL	BDL			BDL	
Xylenes	175	BDL	BDL	BDL	BDL	BDL	BDL	BDL			BDL	
Inorganics in Water												
TDS	<1.25 x background	810.0	750.0	760.0	770.0	770.0	820.0	730.0			760	
Chlorides	<1.25 x background	85.0	84.0	84.0	83.0	83.0	85.0	83.0			83	
Sulfates	<1.25 x background	170.0	170.0	180.0	170.0	170.0	180.0	170.0			180	
Field Parameters												
TDS	mS/cm	900		900	900	900	900	619	1000	900	900	900
pH	standard units	8.28	8.48	8.69	9.23	8.49	8.62	7.88	8.62	8.39	8.69	8.50
Specific Conductance	mmhos/cm	1158	1119	1144	1144	1161	1157	1239	1147	1162	1152	1130
Dissolved Oxygen		N/A	N/A	N/A	N/A	N/A	N/A	10.0	N/A	N/A	18.1	18.34
Temperature	°C	6.6	5.2	5.4	3.4	5.0	5.0	6.20	5.50	4.50	9.00	7.0

Indicates only field parameters were collected

BDL = below detection limit

N/A = data not available

Conn Creek Basin Monitoring Program

(Lower Guard Shack)

	Lab Report #		L617934			L619161			L620366			L621396
	Date Sampled	01/28/2013	01/30/2013	02/01/2013	02/04/2013	02/06/2013	02/08/2013	02/11/2013	02/13/2013	02/15/2013	02/18/2013	02/20/2013
Conn Creek - flowing water near Guard Shack	Sample Name	Guard Shack Creek	Guard Shack Creek	Guard Shack Creek	Guard Shack Creek	Guard Shack Creek	Guard Shack Creek	Guard Shack Creek	Guard Shack Creek	Guard Shack Creek	Guard Shack Creek	Guard Shack Creek
Organics in Water	MCL (mg/L)											
TPH (GRO and DRO)	500		BDL			BDL			0.11			BDL
Benzene	0.17		BDL			BDL			BDL			BDL
Toluene	85		BDL			BDL			BDL			BDL
Ethylbenzene	100		BDL			BDL			BDL			BDL
Xylenes	175		BDL			BDL			BDL			BDL
Inorganics in Water												
TDS	<1.25 x background		800.0			720.0			750.0			770.0
Chlorides	<1.25 x background		82.0			78.0			83.0			84.0
Sulfates	<1.25 x background		170.0			170.0			170.0			180.0
Field Parameters												
TDS	mS/cm	800	1000	900	900	900	800	900	1000	900	900	900
pH	standard units	8.41	8.73	8.42	8.31	8.5	8.5	8.5	8.7	8.5	8.49	7.21
Specific Conductance	mmhos/cm	1137	1179	1167	1152	1068	1162	1144	1114	142	1117	1137
Dissolved Oxygen		13.64	19.30	18.96	18.58	14.05	10.10	18.96	14.02	18.61	18.01	16.38
Temperature	°C	6.7	4.0	5.3	7.2	8.4	5.10	5.90	8.60	6.30	7.2	8.7

Indicates only field parameters were collected

BDL = below detection limit

N/A = data not available

Conn Creek Basin Monitoring Program

(Lower Guard Shack)

	Lab Report #			L622450			L623712		L626260		L628628	
	Date Sampled	02/22/2013	02/25/2013	02/27/2013	03/01/2013	03/04/2013	03/06/2013	03/13/2013	03/20/2013	03/27/2013	04/03/2013	04/10/2013
Conn Creek - flowing water near Guard Shack	Sample Name	Guard Shack Creek	Guard Shack Creek	Guard Shack Creek	Guard Shack Creek	Guard Shack Creek	Guard Shack Creek	Guard Shack Creek	Guard Shack Creek	Guard Shack Creek	Guard Shack Creek	Guard Shack Creek
Organics in Water	MCL (mg/L)											
TPH (GRO and DRO)	500			BDL			BDL		BDL		BDL	
Benzene	0.17			BDL			BDL		BDL		BDL	
Toluene	85			BDL			BDL		BDL		BDL	
Ethylbenzene	100			BDL			BDL		BDL		BDL	
Xylenes	175			BDL			BDL		BDL		BDL	
Inorganics in Water												
TDS	<1.25 x background			780.0			1000.0		760.0		500.0	
Chlorides	<1.25 x background			84.0			83.0		82.0		84.0	
Sulfates	<1.25 x background			180.0			180.0		170.0		180.0	
Field Parameters												
TDS	mS/cm	800	800	1000	1000	800	900	800	900	800	900	800
pH	standard units	7.7	8.08	8.54	8.6	8.4	8.7	8.2	8.3	8.3	8.0	8.4
Specific Conductance	mmhos/cm	1169	1154	1136	1162	1110	1131	1092	1129	1092	1086	1103
Dissolved Oxygen		16.89	N/A	N/A	14.36	14.38	18.11	16.32	6.57	9.53	7.95	3.39
Temperature	°C	6.00	8.3	8.2	7.7	9.90	11.40	12.50	10.60	12.00	14.80	11.07

Indicates only field parameters were collected

BDL = below detection limit

N/A = data not available

Conn Creek Basin Monitoring Program

(Lower Guard Shack)

	Lab Report #	L631177		L633655		L636248		L638719		L641168	L648720	L657405
	Date Sampled	04/17/20103	04/24/2013	05/01/2013	05/08/2013	05/15/2013	05/22/2013	05/30/2013	06/05/2013	06/12/2013	07/19/2013	09/12/2013
Conn Creek - flowing water near Guard Shack	Sample Name	Guard Shack Creek	Guard Shack Creek	Guard Shack Creek	Guard Shack Creek	Guard Shack Creek	Guard Shack Creek	Guard Shack Creek	Guard Shack Creek	Guard Shack Creek	Guard Shack Creek	Guard Shack Creek
Organics in Water	MCL (mg/L)											
TPH (GRO and DRO)	500	BDL		BDL		BDL		BDL		BDL	BDL	BDL
Benzene	0.17	BDL		BDL		BDL		BDL		BDL	BDL	BDL
Toluene	85	BDL		BDL		BDL		BDL		BDL	BDL	BDL
Ethylbenzene	100	BDL		BDL		BDL		BDL		BDL	BDL	BDL
Xylenes	175	BDL		BDL		BDL		BDL		BDL	BDL	BDL
Inorganics in Water												
TDS	<1.25 x background	720.0		740.0		720.0		770.0		770.0	780.0	740.0
Chlorides	<1.25 x background	84.0		80.0		81.0		80.0		80.0	82.0	74.0
Sulfates	<1.25 x background	170.0		170.0		180.0		170.0		170.0	180.0	160.0
Field Parameters												
TDS	mS/cm	900	800	900	900	900	800	800	900	700	800	800
pH	standard units	8.5	8.3	7.7	8.2	8.3	8.4	8.5	8.3	8.3	8.2	9.0
Specific Conductance	mmhos/cm	1137	1118	1190	1146	1130	1136	1153	1134	342	1144	1132
Dissolved Oxygen		9.17	8.52	8.42	6.61	5.24	5.05	5.61	5.74	5.22	3.98	5.11
Temperature	°C	9.70	13.80	12.80	11.40	16.70	16.50	11.70	12.30	15.90	18.80	14.40

Indicates only field parameters were collected

BDL = below detection limit

N/A = data not available

Conn Creek Basin Monitoring Program

(Lower Guard Shack)

	Lab Report #		L668920		L677282	L700647	L718532	L728897
	Date Sampled	10/18/2013	11/13/2013	12/10/2013	01/08/2014	05/21/2014	08/28/2014	10/21/2014
Conn Creek - flowing water near Guard Shack	Sample Name	Guard Shack Creek	Guard Shack Creek	Guard Shack Creek	Guard Shack Creek	Guard Shack Creek	Guard Shack Creek	Guard Shack Creek
Organics in Water	MCL (mg/L)							
TPH (GRO and DRO)	500		BDL		BDL	BDL	BDL	BDL
Benzene	0.17		BDL		BDL	BDL	BDL	BDL
Toluene	85		BDL		BDL	BDL	BDL	BDL
Ethylbenzene	100		BDL		BDL	BDL	BDL	BDL
Xylenes	175		BDL		BDL	BDL	BDL	BDL
Inorganics in Water								
TDS	<1.25 x background		740.0		720.0	N/A	N/A	N/A
Chlorides	<1.25 x background		75.0		73.0	69.0	73.0	74.0
Sulfates	<1.25 x background		160.0		160.0	160.0	160.0	160.0
Field Parameters								
TDS	mS/cm	800	700	900	800	806	0.7735	813
pH	standard units	8.4	7.8	8.1	7.3	8.2	8.3	8.4
Specific Conductance	mmhos/cm	157	N/A	1135	1142	1245	1.19	1.25
Dissolved Oxygen		N/A	3.64	3.95	7.11	6.89	8.10	6.16
Temperature	°C	11.20	11.20	8.60	7.30	12.10	11.90	11.00

Indicates only field parameters were collected

BDL = below detection limit

N/A = data not available