



Apex Annual Water Report 2015



DRINKING WATER SYSTEM ANNUAL REPORT

Reporting Period:	January 1, 2015– December 31, 2015
Water System Name: (Facility Name)	Apex Mountain Resort Water System
Water Supplier Name: (as per permit)	Apex Mountain Resort Water System
Water System Owner:	Apex Mountain Resort
Email Address:	shawn@apexresort.com
Phone Number:	250 292-8222

Bacteriological Testing Completed During This Reporting Period:

Bacteriological Results attached to this report –Yes

Immediate Reporting Standard Failure (E. coli positive test result)

Immediate Reporting Standard Failure (IRSF) recorded – **Yes positive E. coli test on July 29 2015. The result was 3.**

Chemical Testing Completed During This Reporting Period:

Most recent chemical analysis attached to this report – No

Chemical Parameters Measured Above (exceeding) the Guidelines:

Chemical parameters tested exceed the Maximum Acceptable Concentrations (MAC) or Aesthetic Objectives – No

ADDITIONAL TESTING - NONE

Description of parameter & reason for sampling	Comments
January 29, 2015	Raw water Sample from filtration

WATER QUALITY COMPLAINTS – NONE

Date	Water quality complaint (i.e. taste, odour, colour, etc)	Corrective action taken

OPERATION PROBLEMS - NONE

Incident Date	Problem	Actions Taken	Corrected By

Water System Description

Sources of Raw Water

Groundwater

✓ Surface water

Other (specify)

Does the drinking Water System have Disinfection? Yes No

Disinfection Methods

✓ Chlorination

Ultraviolet light

Ozonation

Other (specify)

Does the drinking Water System have Filtration Yes No

Filter Type

✓ Cartridge filter (1 micron, 5 micron, 10 micron)

✓ Sand Filtration

Reverse Osmosis

Carbon Filter

Other (specify)

MAJOR EXPENSES INCURRED DURING THE PERIOD COVERED BY THE REPORT

Major Expenses	Details

ADDITIONS / CHANGES TO THE SYSTEM THAT HAVE BEEN MADE FOR THIS REPORTING PERIOD

Additions/Changes	Details
Shawn Whitty received his Level 2 Distribution certification	

Water Samples 2014

Date Sampled	Location	Chlorine Free	Coliforms Total	E.Coli
Jan 15	Apex Maintenance Shop	.71	<1	<1
Jan 19	Apex Administration Office	.53	<1	<1
Jan 29	Apex Filtration Plant	1.03	3	<1
Jan 29	Apex Filtration Plant	raw	<1	<1
Feb 5, 2015	Apex Maintenance Shop	..55	<1	<1

Feb 12, 2015	Apex Administration Office	.38	<1	<1
Feb 19, 2015	Apex Maintenance Shop	.57	<1	<1
Feb 26, 2015	Apex Filtration Plant Tank #2	No chlorine available	<1	<1
March 5 , 2015	Apex Maintenance Shop	.85	<1	<1
March 12, 2015	Apex Administration Office	.60	<1	<1
March 19 , 2015	Apex Filtration	.59	<1	<1
March 26, 2015	Apex Maintenance Shop	No chlorine available	<1	<1
April 2 , 2015	Apex Filtration	1.36	<1	<1
April 8, 2015	Apex Administration Office	.48	1	1
April 14, 2015	Apex Maintenance Shop	.83	<1	<1
April 30, 2015	Apex Maintenance Shop	No chlorine available	<1	<1
May 5 , 2015	Apex Maintenance Shop	.27	<1	<1
May 13, 2015	Apex Maintenance Shop	..81	<1	<1
May 19, 2015	Apex Administration Office	.26	<1	<1
May 19, 2015	Apex Maintenance Shop	.41	<1	<1
May 28, 2015	Apex Administration Office	.30	<1	<1
June 5 , 2015	Apex Maintenance Shop	.75	<1	<1
June 8, 2015	125 The Circle	.23	<1	<1
June 16, 2015	Apex Administration Office	.21	<1	<1
June 23, 2015	Raw Lake –chemical testing	N/A	<1	3
June 23, 2015	Raw Creek –chemical testing	N/A	50	12
July 9, 2015	Apex Maintenance Shop	.89	<1	<1
July 17, 2015	Apex Maintenance Shop	.72	<1	<1
July 23, 2015	Apex Administration Office	.26	<1	<1

July 29, 2015	Apex Maintenance Shop	.57	<1	3
August 6, 2015	Apex Administration Office	.23	<1	<1
August 13, 2015	Apex Maintenance Shop	.82	<1	<1
August 20, 2015	Apex Filtration Plant	.95	<1	<1
August 27 2015	Apex Maintenance Shop	.82	<1	<1
August 31, 2015	Apex Administration Office	.37	<1	<1
September 3, 2015	Apex Filtration Plant	.92	<1	<1
September 10, 2015	Apex Maintenance Shop	.91	<1	<1
September 25, 2015	Apex Administration Office	.25	<1	<1
September 30, 2015	Apex Maintenance Shop	1.07	<1	<1
October 6, 2015	Apex Filtration Plant	1.21	<1	<1
October 13, 2015	Apex Maintenance Shop	.63	<1	<1
October 19, 2015	Apex Administration Office	.66	<1	<1
October 29, 2015	Apex Maintenance Shop	** arrive after 24hrs	<1	<1
November 5, 2015	Apex Maintenance Shop	..86	<1	<1
November 9, 2015	Apex Administration Office	.48	<1	<1
November 25, 2015	Apex Maintenance Shop	1.52	<1	<1
November 30, 2015	Apex Administration Office	.98	<1	<1
December 10, 2015	Apex Filtration Plant	..79	<1	<1
December 14, 2015	Apex Maintenance Shop	.99	<1	<1
December 22, 2015	Apex Maintenance Shop	1.25	<1	<1
December 27, 2015	Apex Administration office	.97	Arrived 48hrs after sampling	<1

MONTHLY WATER VOLUMES

Month	Creek Gallons	Lake Gallons
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January	423	1692550
February	0	1206474
March	0	1521103
April	0	1698362
May	0	331535.9
June	286956	310138
July	0	469169.6
August	0	502455.2
September	0	316742.3
October	0	405504.1
November	153	33555.2
December	0	156012

IMPROVEMENTS/REMEDIAL ACTIONS

Improvements or remedial actions required by the Drinking Water Officer

Required action	Completion date
Two sampling stations to be installed	Summer 2016
UV treatment	In future

FUTURE IMPROVEMENTS

Future water system improvements planned listed below:

Future Plans	Planned Completion date
UV treatment	future
GPS mapping of all valve locations	Summer 2016

EMERGENCY RESPONSE PLAN CAN BE OBTAINED BY APEX MOUNTAIN RESORT OFFICE

Updated in December 2015

METHOD USED TO NOTIFY USER OF ANNUAL REPORT

This is available at Apex Resort Mountain Main Office and the website

Appendix