



SPF WATER
ENGINEERING

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Oct 02 2012

DEPARTMENT OF
WATER RESOURCES

October 1, 2012

Rick Mooney
Sabala Whitetail LLC
501 West Lake Street
McCall, ID 83638

Subject: Final Report of Hydrology Monitoring for Permit 65-13704

Dear Rick:

Enclosed for your files is a summary of monitoring data collected through September 2012 as part of the monitoring program associated with Sabala Whitetail's water right permit No. 65-13704.

Monitoring data from August 2000 through September 2012 are summarized in the enclosed table. Laboratory reports for the July 2012 sampling event are attached.

The monitoring plan consisted of a 13-year monitoring program. Monitoring was initiated in August 2000 for M Resorts. The final monitoring event was September 2012. No additional monitoring is planned.

Please contact me with any questions.

Sincerely,

Terry M. Scanlan, P.E.

Cc: George Bezates

Gary Spackman (IDWR File 65-13704)

M Resorts / Bezates Monitoring Summary
(Water level measuring points for wells and North Spring is top of steel casing)

Monitoring Point	Date	Depth to Water (feet)	Discharge Rate (gpm)	Totalizer Reading (gallons)	Specific Conductance (uS)	Ammonia (NH3-N) (mg/L)	Nitrate (NO3-N) (mg/L)	Nitrogen (TKN) (mg/L)	Phosphate (Total P) (mg/L)	Total Dissolved Solids (TDS) (mg/L)	Remarks
M Resort Well 1	8/4/2000				137	<0.04	<0.20	30.1	<0.05	104	no flow meter, pump discharging to pond, sampled for nutrients and herbicides at pump house
	5/6/2001				144	<0.04	<0.20		0.09	84	pump off; turned on for sampling
	7/8/2001				140	<0.04	<0.20	<0.1	0.07	100	pump on; sampled at cabin hose bib
	9/29/2001				139	<0.04	<0.20	<0.1	0.08	120	
	7/19/2002				139	<0.04	<0.20	<0.1	0.09	80	pump on; sampled at cabin hose bib
	7/28/2003				133	<0.04	<0.20	<0.1	1.44	116	
	7/31/2004				136	<0.04	<0.20	<0.1	0.10	104	sampled at cabin hose bib
	7/31/2005				130	<0.04	<0.20	<0.1	0.08	118	sampled at cabin hose bib
	7/31/2006				133	<0.04	<0.20	<0.1	0.17	78	sampled at well house
	7/31/2008				135	<0.04	<0.20	<0.1	0.09	128	sampled at well house
	7/30/2010				128	<0.04	<0.20	<0.1	0.08	72	sampled from irrigation box hose bib
	7/25/2012				130	<0.04	<0.20	<0.1	0.09	162	sampled at well house
M Resort Well 2	8/4/2000	60.75									
	9/1/2000	62.86									
	11/11/2000										
	5/6/2001			16085							pump installed (not operable) but no sounding tube for water levels
	7/8/2001			1182700							5.4 acre feet pumped
	9/29/2001			1770395							
	7/19/2002			1770395							pump off
	9/28/2002			1770395							pump off
	7/28/2003			1770295							pump off
	9/29/2003			1770398							pump off
	7/31/2004			1770295							pump off
	9/20/2004			1770295							pump off
	7/31/2005			1770295							pump off
	9/28/2005			1770295							pump off
	7/31/2006			1770295							pump off
	9/28/2006			1991609							pump off
	7/31/2008			1992567							pump off
	7/30/2010			1992567							pump off
	9/17/2010			1992567							pump off
	7/25/2012	102.52		1992567							pump off
	9/29/2012			1992567							pump off
M Resort Well 5	8/4/2000	26.83									
	9/1/2000	28.88									
	11/11/2000	28.34									
	2/17/2001										could not locate well due to snow cover
	3/31/2001										could not locate well due to snow cover
	5/6/2001	18.40									
	7/8/2001	27.03									
	9/29/2001	33.97									
	7/19/2002	25.33									
	9/28/2002	30.45									
	7/30/2003	31.05									
	9/29/2003	33.02									
	7/31/2004	33.44									
	9/20/2004										could not measure due to temporary burial
	7/31/2005										could not measure due to temporary burial
	9/28/2005										could not measure due to temporary burial
	7/31/2006										could not measure due to temporary burial
	9/28/2006										could not measure due to temporary burial
	7/31/2008										could not measure due to temporary burial
	9/1/2008										could not measure due to temporary burial
	7/30/2010										could not measure due to temporary burial
	7/25/2012										could not measure due to temporary burial
	9/29/2012										could not measure due to temporary burial
M Resort Well 7	8/4/2000	57.75									
	9/1/2000	59.86									
	11/11/2000	56.99									
	2/17/2001	51.41									pump installed (not operable) with sounding tube
	3/31/2001	49.23									
	5/6/2001	47.63		16288							initial totalizer reading
	7/8/2001	58.15		2443700							2427412 gallons pumped; pump off
	9/29/2001	65.65		6689740							pump off, 20.5 af pumped in 2001
	7/19/2002	56.21		6689740							pump off
	9/28/2002	62.18		6689740							pump off; no pumping in 2002
	7/28/2003	62.78		6689688							
	9/29/2003	65		6689788							
	7/31/2004	136.85	118	13658900							pump on; 118 gpm
	9/20/2004	87.49		19927313							pump off; 40.6 acre feet pumped
	7/31/2005	68.19		19927313							pump off
	9/26/2005	63.55		19927313							pump off
	7/31/2006	143.9	150	32292400	128	<0.04	<0.20	<0.1	0.11	84	pump on; 150 gpm
	9/28/2006	185.5	170	43750200							pump on
	7/31/2008	157.49	NA	90530329							pump on; meter not functioning
	9/1/2008	162.44	NA	90530329							pump on; meter not functioning
	7/30/2010	149.81	NA	90530329							pump on; meter not functioning
	9/17/2010	159.06	NA	90530329							pump on; meter not functioning
	7/25/2012	158.12	NA	90530329							pump on; meter not functioning
	9/29/2012	166.29	NA	90530329							pump on; meter not functioning

M Resorts / Bezates Monitoring Summary
(Water level measuring points for wells and North Spring is top of steel casing)

Monitoring Point	Date	Depth to Water (feet)	Discharge Rate (gpm)	Totalizer Reading (gallons)	Specific Conductance (uS)	Ammonia (NH3-N) (mg/L)	Nitrate (NO3-N) (mg/L)	Nitrogen (TKN) (mg/L)	Phosphate (Total P) (mg/L)	Total Dissolved Solids (TDS) (mg/L)	Remarks
M Resort Shallow Well	8/7/2000	8.99			128	<0.04	<0.20	<0.1	<0.05	120	sampled for nutrients and herbicides below top of steel casing, 9.43' below top of plastic
	9/1/2000	10.49									
	11/11/2000	10.07									
	2/17/2001	10.81									
	3/31/2001	7.52									
	5/8/2001	7.43			178	<0.04	<0.20		<0.05	144	sampled for nutrients
	7/8/2001	13.37			182	0.05	<0.20	0.28	0.1	124	sampled for nutrients
	9/29/2001	10.79			198	<0.04	<0.20	0.19	0.06	150	sampled for nutrients
	7/19/2002	9.32			217	<0.04	<0.20	<0.1	0.08	108	sampled for nutrients
	9/28/2002	9.69									
	7/28/2003	9.07			188	<0.04	<0.20	<0.1	0.06	172	measured at steel, 7.96' at PVC
	9/29/2003	9.59									measured at steel, 8.43' at PVC
	7/31/2004	9.35									measured at steel, 8.23' at PVC
	9/20/2004				207	<0.04	0.2	<0.1	0.08	134	could not measure due to temporary burial
	7/31/2005										could not measure due to temporary burial
	9/26/2005										could not measure due to temporary burial
	7/31/2006										could not measure due to temporary burial
	9/26/2006										could not measure due to temporary burial
	7/31/2008	8.07			223	<0.04	<0.20	<0.1	0.06	186	measured at steel, 6.97' at PVC
	9/1/2008	12.46									new measuring point; 3.94' above steel csg, 5.00 above plastic csg
	7/30/2010	11.49			231	<0.04	<0.20	0.22	0.05	176	from new measuring point
	9/17/2010	11.84									from new measuring point
Bezates Shallow Well	7/25/2012	11.35			225	<0.04	<0.20	0.27	0.06	236	from new measuring point; 7.45' from top of steel casing
	9/29/2012	12.10									from new measuring point; 8.18' from top of steel casing
	8/5/2000				50	0.46	<0.20	<0.1	0.47	198	sampled for nutrients and herbicides
	8/7/2000	10.22									
	9/1/2000	11.17									
	11/11/2000	13.03									
	2/17/2001	14.73									
	3/31/2001	14.29									
	5/6/2001	7.52			64	<0.04	0.71		<0.05	86	sampled for nutrients
	7/8/2001	11.45			60	<0.04	0.83	<0.1	<0.05	56	sampled for nutrients
	9/29/2001	13.92			66	<0.04	0.87	<0.1	0.07	78	
	7/19/2002	10.15			68	<0.04	0.49	<0.1	0.07	68	
	9/28/2002	4.20									Overflow from Whitetail Lake is running in ditch near well
	7/30/2003	8.94			76	<0.04	0.3	<0.1	0.05	86	measured at steel casing, 8.08 from PVC
	9/29/2003	8.40									measured at steel casing, 7.56' from PVC
	7/31/2004	8.61			83	<0.04	0.3	<0.1	0.06	42	measured at steel casing, 7.80' from PVC
	9/20/2004	3.43									measured at steel casing, 2.59' from PVC
	7/31/2005	9.85			66	<0.04	0.6	<0.1	<0.05	66	measured at steel casing, 8.94' from PVC
	9/28/2005	11.85									measured at steel casing, 10.92' from PVC
	7/31/2006	9.1			68	<0.04	0.2	<0.1	<0.05	134	measured at steel casing, 8.17' from PVC
	9/28/2006	9.11									measured at steel casing, 10.02' from PVC
Bezates North Spring	7/31/2008	8.45			77	<0.04	<0.20	<0.1	<0.05	56	measured at steel casing, 7.60' from PVC
	9/1/2008	9.47									measured at steel casing, 8.58' from PVC
	7/30/2010	5.44			92	<0.04	<0.20	<0.1	<0.05	56	4.55 below PVC
	9/17/2010	4.15									measured at steel casing
	7/25/2012	9.05			65	<0.04	<0.20	0.24	0.11	126	measured at steel casing, 8.00' from PVC; steel casing loose
	9/29/2012	10.62									measured at steel casing, 9.58' from PVC; steel casing loose
	8/4/2000	6.35	0		52	<0.04	<0.20	0.18	0.05	58	no flow, sampled for nutrients and herbicides, sampled with pump
	9/1/2000	7.88	0								no flow
	11/11/2000	9.55	0								no flow
	2/17/2001	10.54	0								no flow
	3/31/2001	5.69	0								no flow
	5/6/2001		15		46	<0.04	0.29		<0.05	80	8 gpm from pipe, similar amount from overflow, sampled for nutrients
	7/8/2001	5.31	0		66	<0.04	0.34	<0.1	<0.05	48	no flow, sampled with pump
	9/29/2001	9.02	0		62	<0.04	<0.20	<0.1	<0.05	64	no flow, sampled with pump
	7/19/2002	5.79	0		96	<0.04	0.77	<0.1	<0.05	16	no flow, sampled with pump
	9/28/2002	9.41	0								
	7/28/2003	7.17	0		100	<0.04	0.72	<0.1	<0.05	74	no flow, sampled with pump
	9/29/2003	10.05	0								
	7/31/2004	6.09	0		74	<0.04	1.5	<0.1	<0.05	80	no flow, sampled with pump
	9/20/2004	9.54	0								no flow
	7/31/2005	6.5	0		104	<0.04	1.2	<0.1	<0.05	74	no flow, sampled with pump
	9/28/2005	9.57	0								no flow
	7/31/2006	6.4	0		114	<0.04	0.3	<0.1	<0.05	64	no flow, sampled with pump
	9/26/2006	9.62	0								no flow
	7/31/2008	6.22	0		119	<0.04	1.18	<0.1	<0.05	80	no flow, sampled with pump
	9/1/2008	8.79	0								no flow
	7/30/2010	5.73	0		115	<0.04	1.7	0.15	<0.05	92	no flow, sampled with pump
	9/17/2010	8.65	0								no flow
	7/25/2012	7.91	0		111	<0.04	1.7	<0.1	<0.05	100	no flow, sampled with pump
	9/29/2012	12.02	0								no flow

M Resorts / Bezates Monitoring Summary
(Water level measuring points for wells and North Spring is top of steel casing)

Monitoring Point	Date	Depth to Water (feet)	Discharge Rate (gpm)	Totalizer Reading (gallons)	Specific Conductance (uS)	Ammonia (NH3-N) (mg/L)	Nitrate (NO3-N) (mg/L)	Nitrogen (TKN) (mg/L)	Phosphate (Total P) (mg/L)	Total Dissolved Solids (TDS) (mg/L)	Remarks
Bezates Northwest Spring	8/4/2000		0								no flow, no access into spring box for sampling
	11/11/2000		0								no flow
	5/6/2001		1.5		56	<0.04	0.28		0.11	88	sampled for nutrients
	7/31/2006										no flow
Bezates Southwest Spring	8/4/2000		0.49			<0.04	<0.20	<0.1	0.12	130	sampled for nutrients and herbicides
Bezates Pond	8/4/2000		0		57	<0.04	<0.20	<0.1	<0.05	64	sample collected at 6-inch depth
	5/6/2001				45	<0.04	<0.20		<0.05	74	sample collected at 6-inch depth
	7/8/2001				57	<0.04	<0.20	0.26	<0.05	32	sample collected at 6-inch depth
	9/29/2001				59	<0.04	<0.20	0.38	0.09	64	sample collected at 6-inch depth
	7/19/2002				53	<0.04	<0.20	0.21	<0.05	50	sample collected at 6-inch depth
	7/30/2003				57	<0.04	<0.20	0.25	<0.05	76	sample collected at 6-inch depth
	7/31/2004				75	<0.04	<0.20	0.28	<0.05	56	sample collected at 6-inch depth
	7/31/2005				67	<0.04	<0.20	0.15	<0.05	94	sample collected at 6-inch depth
	7/31/2006				58	<0.04	<0.20	0.18	<0.05	132	sample collected at 6-inch depth
	7/31/2008				70	<0.04	<0.20	0.1	<0.05	70	sample collected at 6-inch depth
	7/30/2010				65	<0.04	<0.20	0.15	<0.05	50	sample collected at 6-inch depth
	7/25/2012				78	<0.04	<0.20	0.39	<0.05	62	sample collected at 6-inch depth
Betsey Lake Pump (Well No. 1 Irrigation Use)	5/6/2001			12951							initial reading
	7/8/2001			99212900							totalizer running backward?; if so, 800,051 gallons pumped
	9/29/2001			1636170							5.3 af pumped in 2001
	7/19/2002			1636060							pump off
	9/28/2002			2668450							pump off; 3.2 af pumped in 2002
	9/29/2003			4162814							pump off
	7/30/2003			4162798							pump off
	7/31/2004			4162814							pump off
	9/20/2004			4162815							pump off
	7/31/2005			4162815							pump off
	9/26/2005			4162815							pump off
	7/31/2006			4163705							pump off
	9/26/2006			4163705							pump off
	7/31/2008			4163705							pump off
Williams Creek (@ M Resort fence)	9/1/2008			4163705							pump off
	7/30/2010			NA							meter broken; pump in use for pond recirculation
	9/17/2010										meter broken; pump in use for pond recirculation
	7/25/2012										meter broken; pump in use for pond recirculation
	9/29/2012										
	5/6/2001				48	<0.04	<0.20		0.06	88	sampled for nutrients
	7/8/2001										no flow
	9/29/2001										no flow
Unnamed Stream below Whitetail Lake	7/19/2002										no flow
	9/28/2002										no flow
	7/31/2004										no flow
	9/20/2004										no flow
	7/31/2005										no flow
	9/26/2005										no flow
	7/31/2006										no flow
	9/26/2006										no flow
	7/31/2008										no flow
	9/1/2008										no flow
	7/30/2010				69	<0.04	<0.20	0.1	<0.05	72	flowing approximately 1 cfs
	9/17/2010				65	<0.04	<0.20	0.31	<0.05	58	flowing approximately 0.5 cfs
	7/25/2012				50	<0.04	<0.20	0.36	<0.05	28	flowing approximately 0.2 cfs
	9/29/2012										flowing approximately 0.3 cfs



Analytical Laboratories, Inc.

1804 N. 33rd Street
Boise, Idaho 83703
Phone (208) 342-5515

Date Report Printed: 8/6/2012 8:37:05

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Laboratory Analysis Report

Sample Number: 1223081

Attn: TERRY SCANLAN, P.E., P.G.
S P F WATER ENGINEERING, LLC
300 E MALLARD DR STE 350
BOISE, ID 83706

Collected By:

Submitted By: T SCANLAN

Source of Sample:

WHITETAIL: M RESORT WELL #1

Time of Collection: 15:30
Date of Collection: 7/25/2012
Date Received: 7/26/2012
Report Date: 8/6/2012

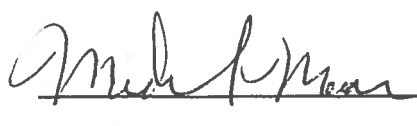
PWS#:

Field Temp:

Temp Rcvd in Lab:

PWS Name:

Test Requested	MCL	Analysis Result	Units	MDL	Method	Date Completed	Analyst
Nitrate (as N)		<0.2	mg/L	0.2	EPA 300.0	7/26/2012	KC
Ammonia Direct (as N)		<0.04	mg/L	0.04	EPA 350.1	7/27/2012	SS
Nitrogen, Total Kjeldahl (TKN)		<0.10	mg/L	0.10	EPA 351.2	7/31/2012	JK
Total Phosphate (as P)		0.09	mg/L	0.05	EPA 365.4	7/31/2012	JK
Conductivity		130	umhos	2	SM 2510B	7/26/2012	RME
Total Dissolved Solids		182	mg/L	25	SM 2540C	7/31/2012	MG

 8/7/2012

Thank you for choosing Analytical Laboratories for your testing needs.

If you have any questions about this report, or any future analytical needs, please contact your client manager:

Michael Moore

MCL = Maximum Contamination Level
MDL = Method/Minimum Detection Limit
UR = Unregulated



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Boise, Idaho 83703
Phone (208) 342-5515

Date Report Printed: 8/6/2012 8:37:05

<http://www.analyticallaboratories.com>

Laboratory Analysis Report

Sample Number: 1223082

Attn: TERRY SCANLAN, P.E., P.G.
S P F WATER ENGINEERING, LLC
300 E MALLARD DR STE 350
BOISE, ID 83706

Collected By:

Submitted By: T SCANLAN

Source of Sample:

WHITETAIL: M RESORT SHALLOW WELL

Time of Collection: 17:20
Date of Collection: 7/25/2012
Date Received: 7/26/2012
Report Date: 8/6/2012

PWS#:

Field Temp:

Temp Rcvd in Lab:

PWS Name:

Test Requested	MCL	Analysis Result	Units	MDL	Method	Date Completed	Analyst
Nitrate (as N)		<0.2	mg/L	0.2	EPA 300.0	7/26/2012	KC
Ammonia Direct (as N)		<0.04	mg/L	0.04	EPA 350.1	7/27/2012	SS
Nitrogen, Total Kjeldahl (TKN)		0.27	mg/L	0.10	EPA 351.2	7/31/2012	JK
Total Phosphate (as P)		0.06	mg/L	0.05	EPA 365.4	7/31/2012	JK
Conductivity		225	umhos	2	SM 2510B	7/26/2012	RME
Total Dissolved Solids		236	mg/L	25	SM 2540C	7/31/2012	MG

MCL = Maximum Contamination Level
MDL = Method Minimum Detection Limit
UR = Unregulated

Michael Moore 8/7/2012

Thank you for choosing Analytical Laboratories for your testing needs.

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Michael Moore



Analytical Laboratories, Inc.

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Boise, Idaho 83703
Phone (208) 342-5515

Date Report Printed: 8/6/2012 8:37:05

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Laboratory Analysis Report

Sample Number: 1223083

Attn: TERRY SCANLAN, P.E., P.G.
S P F WATER ENGINEERING, LLC
300 E MALLARD DR STE 350
BOISE, ID 83706

Collected By:

Submitted By: T SCANLAN

Source of Sample:

WHITETAIL: BEZATES SHALLOW WELL

Time of Collection: 16:40
Date of Collection: 7/25/2012
Date Received: 7/26/2012
Report Date: 8/6/2012

PWS#:

Field Temp:

Temp Rcvd in Lab:

PWS Name:

Test Requested	MCL	Analysis Result	Units	MDL	Method	Date Completed	Analyst
Nitrate (as N)		<0.2	mg/L	0.2	EPA 300.0	7/26/2012	KC
Ammonia Direct (as N)		<0.04	mg/L	0.04	EPA 350.1	7/27/2012	SS
Nitrogen, Total Kjeldahl (TKN)		0.24	mg/L	0.10	EPA 351.2	7/31/2012	JK
Total Phosphate (as P)		0.11	mg/L	0.05	EPA 365.4	7/31/2012	JK
Conductivity		65	umhos	2	SM 2510B	7/26/2012	RME
Total Dissolved Solids		126	mg/L	25	SM 2540C	7/31/2012	MG

MCL = Maximum Contamination Level
MDL = Method/Minimum Detection Limit
UR = Unregulated

Michael Moore 8/7/2012

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If you have any questions about this report, or any future analytical needs, please contact your client manager:

Michael Moore



Analytical Laboratories, Inc.

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Boise, Idaho 83703
Phone (208) 342-5515

Date Report Printed: 8/6/2012 8:37:05

<http://www.analyticallaboratories.com>

Laboratory Analysis Report

Sample Number: 1223084

Attn: TERRY SCANLAN, P.E., P.G.
S P F WATER ENGINEERING, LLC
300 E MALLARD DR STE 350
BOISE, ID 83706

Collected By:

Submitted By: T SCANLAN

Source of Sample:

WHITETAIL: BEZATES POND

Time of Collection: 17:00

Date of Collection: 7/25/2012

Date Received: 7/26/2012

Report Date: 8/6/2012

PWS#:

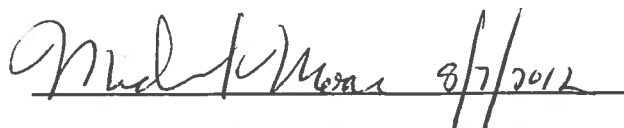
Field Temp:

Temp Rcvd in Lab:

PWS Name:

Test Requested	MCL	Analysis Result	Units	MDL	Method	Date Completed	Analyst
Nitrate (as N)		<0.2	mg/L	0.2	EPA 300.0	7/26/2012	KC
Ammonia Direct (as N)		<0.04	mg/L	0.04	EPA 350.1	7/27/2012	SS
Nitrogen, Total Kjeldahl (TKN)		0.39	mg/L	0.10	EPA 351.2	8/1/2012	JK
Total Phosphate (as P)		<0.05	mg/L	0.05	EPA 365.4	8/1/2012	JK
Conductivity		78	umhos	2	SM 2510B	7/26/2012	RME
Total Dissolved Solids		62	mg/L	25	SM 2540C	8/1/2012	GB

MCL = Maximum Contamination Level
MDL = Method/Minimum Detection Limit
UR = Unregulated


8/7/2012

Thank you for choosing Analytical Laboratories for your testing needs.

If you have any questions about this report, or any future analytical needs, please contact your client manager:

Michael Moore



Analytical Laboratories, Inc.

1804 N. 33rd Street
Boise, Idaho 83703
Phone (208) 342-5515

Date Report Printed: 8/6/2012 8:37:05

<http://www.analyticallaboratories.com>

Laboratory Analysis Report

Sample Number: 1223085

Attn: TERRY SCANLAN, P.E., P.G.
S P F WATER ENGINEERING, LLC
300 E MALLARD DR STE 350
BOISE, ID 83706

Collected By:

Submitted By: T SCANLAN

Source of Sample:

WHITETAIL: BEZATES NORTH SPRING

Time of Collection: 16:20
Date of Collection: 7/25/2012
Date Received: 7/26/2012
Report Date: 8/6/2012

PWS#:

Field Temp:

Temp Rcvd in Lab:

PWS Name:

Test Requested	MCL	Analysis Result	Units	MDL	Method	Date Completed	Analyst
Nitrate (as N)		1.7	mg/L	0.2	EPA 300.0	7/26/2012	KC
Ammonia Direct (as N)		<0.04	mg/L	0.04	EPA 350.1	7/27/2012	SS
Nitrogen, Total Kjeldahl (TKN)		<0.10	mg/L	0.10	EPA 351.2	8/1/2012	JK
Total Phosphate (as P)		<0.05	mg/L	0.05	EPA 365.4	8/1/2012	JK
Conductivity		111	umhos	2	SM 2510B	7/26/2012	RME
Total Dissolved Solids		100	mg/L	25	SM 2540C	8/1/2012	GB

MCL = Maximum Contamination Level
MDL = Method Minimum Detection Limit
UR = Unregulated

Michael Moore 8/7/2012

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1804 N. 33rd Street
Boise, Idaho 83703
Phone (208) 342-5515

Date Report Printed: 8/6/2012 8:37:05

<http://www.analyticallaboratories.com>

Laboratory Analysis Report

Sample Number: 1223086

Attn: TERRY SCANLAN, P.E., P.G.
S P F WATER ENGINEERING, LLC
300 E MALLARD DR STE 350
BOISE, ID 83706

Collected By:

Submitted By: T SCANLAN

Source of Sample:

WHITETAIL: UNNAMED STREAM BWL

Time of Collection: 17:10
Date of Collection: 7/25/2012
Date Received: 7/26/2012
Report Date: 8/6/2012

PWS#:

Field Temp:

Temp Rcvd in Lab:

PWS Name:

Test Requested	MCL	Analysis Result	Units	MDL	Method	Date Completed	Analyst
Nitrate (as N)		<0.2	mg/L	0.2	EPA 300.0	7/26/2012	KC
Ammonia Direct (as N)		<0.04	mg/L	0.04	EPA 350.1	7/27/2012	SS
Nitrogen, Total Kjeldahl (TKN)		0.36	mg/L	0.10	EPA 351.2	8/1/2012	JK
Total Phosphate (as P)		<0.05	mg/L	0.05	EPA 365.4	8/1/2012	JK
Conductivity		50.0	umhos	2	SM 2510B	7/26/2012	RME
Total Dissolved Solids		28	mg/L	25	SM 2540C	8/1/2012	GB

MCL = Maximum Contamination Level
MDL = Method/Minimum Detection Limit
UR = Unregulated

Michael Moore 8/7/2012

Thank you for choosing Analytical Laboratories for your testing needs.

If you have any questions about this report, or any future analytical needs, please contact your client manager:

Michael Moore

