

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 36-8299

Exam Date: 11/15/2012, 10/24/2019

1. Current Owner:

BLIND CANYON AQUA RANCH INC
2775 S 1050 E
HAGERMAN ID 83332

2. Accompanied by: In 2012: Cindy Yenter, IDWR, and Gary Lemmon.
In 2019: Michelle Richman, IDWR, and Gary Lemmon.
Phone No: 208-280-4808
Address: same as above
Relationship to permit holder: Permit Holder

3. SOURCE:

SPRINGS
GROUND WATER

Tributary

SINKS

Method of Determination: During both field exams, noted tunnel excavated into canyon wall with water flowing out. Spring water was observed pouring from the canyon wall along the length of the collection ditch.

B. OVERLAP REVIEW

1. Other water rights with the same place of use:

Water Right No.	Source	Purpose of Use	Basis
36-7831	Springs	Fish Propagation	Decree

Comments: 36-7831 is the original right diverted from the springs complex.

2. Other water rights with the same point-of-diversion:

Water Right No.	Source	Purpose of Use	Basis
36-7831	Springs	Fish Propagation	Decree
36-4026	Springs	Stockwater, domestic	Decree

Comments: 36-7831 and 36-4026 list only springs as their point of diversion.

C. DIVERSION AND DELIVERY SYSTEM

1. **LOCATION OF POINT(S) OF DIVERSION:**

SPRINGS NE¼ NW¼ NE¼, Sec. 17, Twp 08S, Rge 14E, B.M. GOODING County
GROUND WATER NW¼ NE¼, Sec. 17, Twp 08S, Rge 14E, B.M. GOODING County

Method of Determination: ArcMap aerial imagery and site visit.

PLACE OF USE: FISH PROPAGATION

[illegible]

Method of Determination: ArcMap aerial imagery and site visit.

3.

Delivery System Diagram Attached (required). Indicate all major components and distances between components.

X Indicate weir size/pipe as applicable.

Map Attached Showing Location(s) of point(s) of diversion and place(s) of use (required). Scale must be 1:24,000 or greater.

X

Aerial Photo Attached (required for irrigation of 10+ acres).

X

Photo of Diversion and System Attached

X

4.

Well or Diversion ID No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
None					

D. FLOW MEASUREMENTS

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date
Flow Tracker	Acoustic Flow meter			P841		

2. Measurements: Michelle Richman made a flow measurement of the tunnel discharge by wading the outlet with the Flow Tracker. We also made measurements at the group of 6 weirs at the outlet of the fish facility to determine the total flow rate of the facility.

E. FLOW CALCULATIONS

X Additional Computation Sheets Attached

Measured Method: The tunnel measurement yielded a flow rate of 14.14 cfs, and the weir at the facility outlet measured 36.62 cfs, so it is appropriate to license the right at the permitted rate of 14.2 cfs, with the sources being ground water and springs. The high flow recorded at the facility during the development period was 42.4 cfs in 2002, so sufficient flow occurred then to allow for the existing right, 36-7831, at 25.0 cfs, and for this permit at 14.2 cfs.

F. VOLUME CALCULATIONS

1. Volume Calculations for irrigation: NA

$V_{IR} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) =$

$V_{DR} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 =$

$V = \text{Smaller of } V_{IR} \text{ and } V_{DR} =$

2. Volume Calculations for Other Uses: The highest volume year during the development period of the permit was 2002. Daily flow records were obtained from Cindy Yenter, the Watermaster of WD-130 at the time of the 2012 field exam. To determine the volume for this permit, the daily flow rates for that year were reduced to the total flow of this permit (14.2 cfs) (see 'Ten Springs daily flows reduced to 39.2 cfs, with resulting volumes' in this report) and the existing fish propagation right, 36-7831 (25.0 cfs), which is 39.2 cfs, if they exceeded that amount. The flows are measured as the water exits the fish facility. The adjusted volume for that year was 23,598.4 acre-feet. The portion of the total which would be attributed to permit 36-8299 would be calculated as: $14.2/39.2 \times 23598.4 = 8548.4 \text{ AF}$.

G. NARRATIVE/REMARKS/COMMENTS

The field exam for permit 36-8299 was done in two parts, the first on November 15, 2012 with Cindy Yenter, IDWR (WD-130 Watermaster at the time) and permit holder Gary Lemmon. At that time, only the outflow at the tail end of the facility was measured, but it was determined in consultation with IDWR Southern Region that the ground water source would need to be measured separately, in addition to measuring the total diversion amount. The permit was held, awaiting a measurement, until October 24, 2019, when Michelle Richman, IDWR, and I were accompanied by Gary Lemmon to make the necessary measurements. Ms. Richman is an engineer at Southern Region with expertise in open channel measurements.

The application for this permit was filed on April 19, 2001, and was amended on October 18, 2001, so the priority date was advanced to that date. It was advanced again, to October 21, 2001, to reflect the fact that proof of beneficial use was submitted three days late.

The permit was originally filed for 20.0 cfs, but was reduced to 14.2 cfs because the maximum flow out of the facility at the time was 39.2 cfs; so with the flow rate of the existing right at 25.0 cfs, this left only 14.2 cfs available for permit 36-8299. The high flow and volume year of 2002 produced a maximum flow rate out of the facility of 42.4 cfs, which is sufficient to satisfy the existing right (25.0 cfs) and this permit (14.2 cfs) (see 'Ten Springs diversion data for 2002 – high year').

The water for this permit is sourced from the springs complex and from a constructed horizontal tunnel, which Mr. Lemmon indicated was excavated in 1979 or 1980 by his father. He estimated the tunnel dimensions as: approximately 150' long, 4.25' high, and 2.5' wide. The tunnel is located at the far south (upstream) end of the springs collection ditch. Mr. Lemmon indicated that the tunnel was excavated at the point in the springs complex where the highest spring flow was occurring. Because no measurements were made of the spring flow from that area before the tunnel was dug, it is not possible to quantify how much of the flow from the tunnel is spring flow and how much is ground water. Thus, no differentiation is attempted in this report and licensing.

Water from the tunnel flows in a ditch along the face of the canyon wall where it co-mingles with spring water flowing out of a long horizontal fracture in the basalt. Pipes then carry the water down slope into the fish propagation facility which consists of 48 concrete raceways and several earthen ponds. The permit holder estimates the total volume of the facility at 383000 cubic feet. After leaving the raceways, the water flows into a settling pond where the solids are removed. Water then flows off the property and over the canyon wall where it sinks into the talus slope or flows into the Snake River.

On the day of the 2019 field exam, the discharge from the tunnel was measured at 14.14 cfs (see 'Discharge Measurement Summary' included with this report). The entire flow rate through the fish facility that day was 36.62 cfs (see 'Ten Springs Flow Readings – 10/24/2019', also included with this report). The volume was calculated by totaling the daily volumes from that year, with reductions down to 39.2 cfs (the total flow rate of this permit and right 36-7861) on days when the flow exceeded that number. The calculation is detailed in the Volume Calculations section of the Beneficial Use Field report.

Permit conditions appear to have been complied with and with the entire tunnel flow measured at 14.14 cfs, it seems appropriate to license at the permitted rate of 14.2 cfs with the source as springs and ground water.

Mr. Lemmon requested that a copy of a March 16, 2004 letter from the Water District 130 Watermaster be included in the field report for informational purposes, so it has been, and is labeled as 'Watermaster Letter, 2004'.

Have conditions of permit approval been met? ☒ Yes ☐ No

H. RECOMMENDATIONS

1. Recommended Amounts

<u>Beneficial Use</u>	<u>Period of Use</u>	<u>Rate of Diversion</u>	<u>Annual Volume</u>
FISH PROPAGATION	01/01 to 12/31	14.20 CFS	8,548.4 AF

Totals: 14.20 CFS 8,548.4 AF

2. Recommended Amendments

☐ Change P.D. as reflected above ☐ Add P.D. as reflected above ☒ None

☐ Change P.U. as reflected above ☐ Add P.U. as reflected above ☒ None

I. AUTHENTICATION

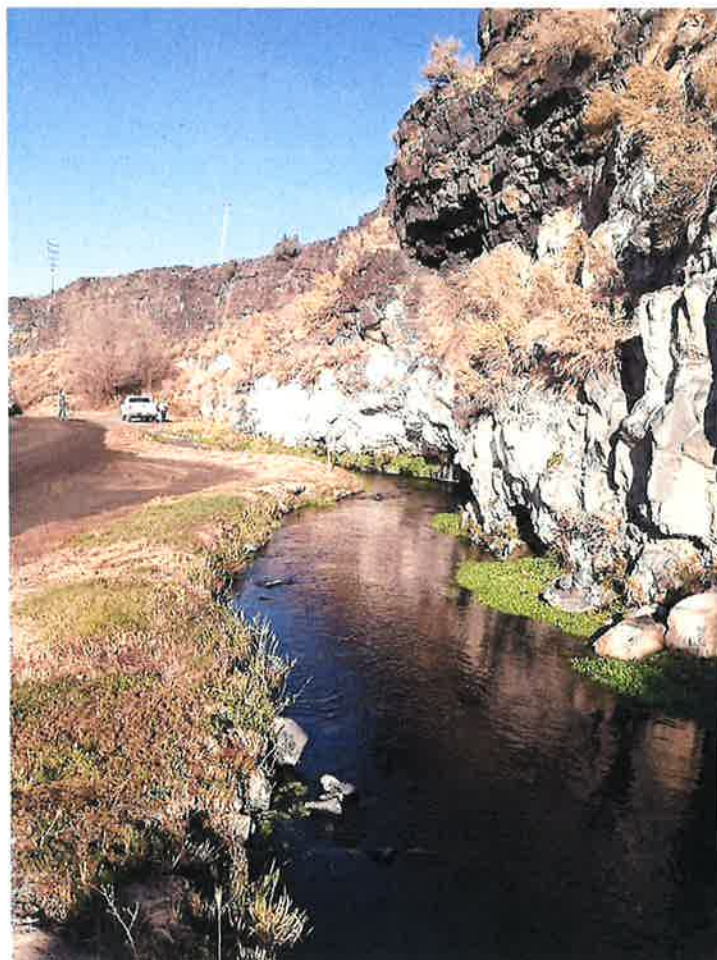
Field Examiner's Name Jim Bitzenburg Date 2-7-2020
Jim Bitzenburg - Senior Water Resource Agent

Reviewer _____ Date _____



The ground water point of diversion, the constructed tunnel.

The collection ditch along the face of the canyon wall.





Collection Ditch. The arrow indicates the approximate location of Springs POD in IDWR GIS system.

Spring water pouring from the canyon wall into the collection ditch.



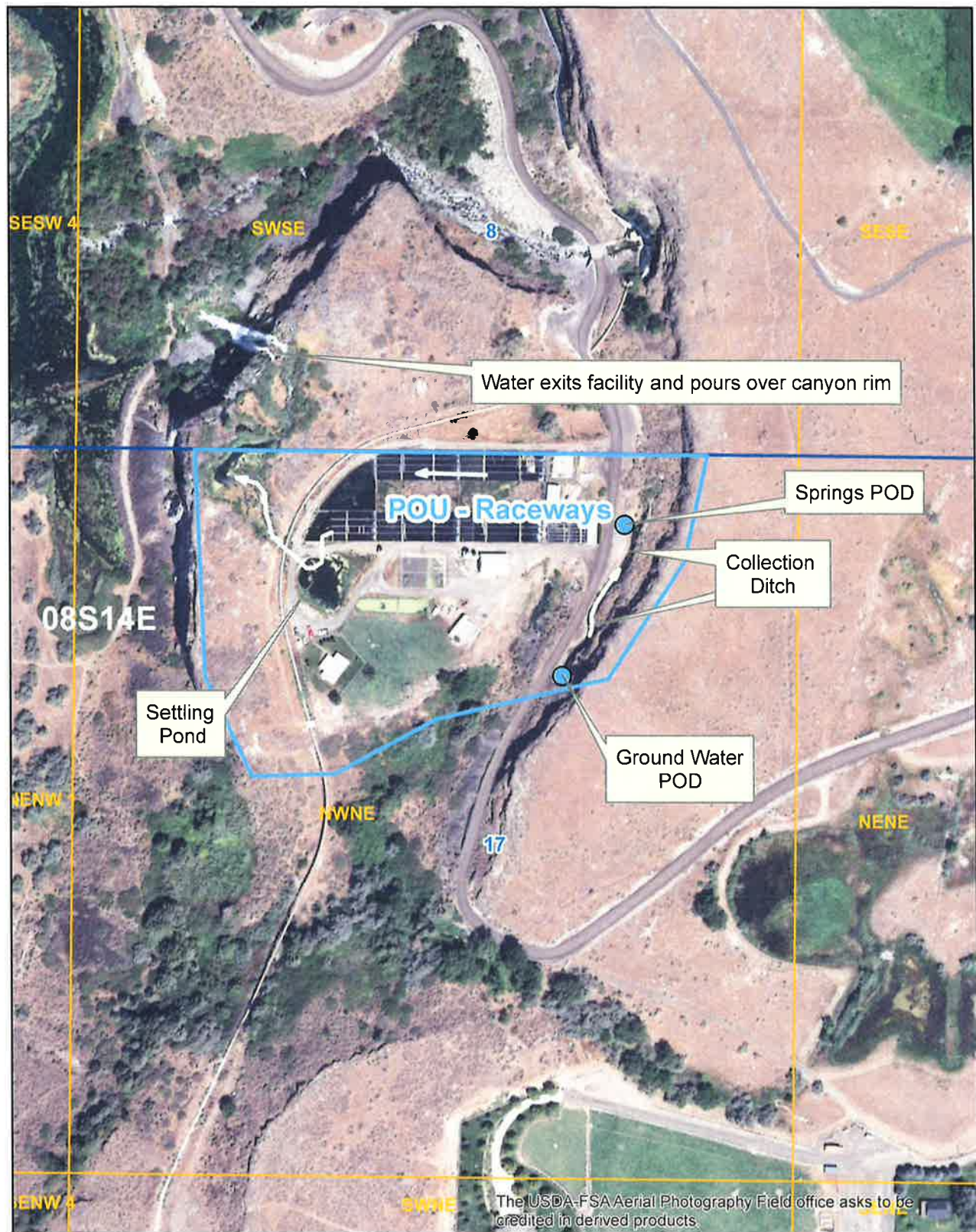


The place of use, fish raceways.

The exit weirs at the outlet of the fish facility.



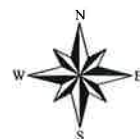
36-8299 POD, POU Map & System Diagram



Legend

- Township/Range
- Sections
- QQ
- POU

0 0.0275 0.055 0.11 Miles



Discharge Measurement Summary

Date Generated: Thu Oct 24 2019

File Information

File Name BC191024.WAD
Start Date and Time 2019/10/24 14:04:06

Site Details

Site Name
Operator(s) TS

System Information

Sensor Type FlowTracker
Serial # P841
CPU Firmware Version 3.9
Software Ver 2.30
Mounting Correction 0.0%

Units (English Units)

Distance ft
Velocity ft/s
Area ft²
Discharge cfs

Discharge Uncertainty

Category	ISO	Stats
Accuracy	1.0%	1.0%
Depth	0.1%	0.9%
Velocity	0.6%	1.9%
Width	0.1%	0.1%
Method	1.0%	-
# Stations	2.4%	-
Overall	2.8%	2.3%

Summary

Averaging Int. 40 # Stations 21
Start Edge REW Total Width 5.997
Mean SNR 36.7 dB Total Area 8.816
Mean Temp 58.12 °F Mean Depth 1.470
Disch. Equation Mid-Section Mean Velocity 1.6032
Total Discharge 14.1345

Measurement Results

St	Clock	Loc	Method	Depth	%Dep	MeasD	Vel	CorrFact	MeanV	Area	Flow	%Q
0	14:04	0.50	None	1.600	0.0	0.0	0.0000	1.00	1.4039	0.240	0.3368	2.4
1	14:04	0.80	0.2/0.8	1.700	0.2	1.360	1.5056	1.00	1.4039	0.510	0.7157	5.1
1	14:05	0.80	0.2/0.8	1.700	0.8	0.340	1.3022					
2	14:07	1.10	0.8/0.2	1.800	0.2	1.440	1.7680	1.00	1.5536	0.540	0.8385	5.9
2	14:06	1.10	0.8/0.2	1.800	0.8	0.360	1.3392					
3	14:08	1.40	0.2/0.8	1.800	0.2	1.440	1.9626	1.00	1.6211	0.540	0.8749	6.2
3	14:09	1.40	0.2/0.8	1.800	0.8	0.360	1.2795					
4	14:11	1.70	0.8/0.2	1.900	0.2	1.520	2.1923	1.00	1.6934	0.570	0.9648	6.8
4	14:10	1.70	0.8/0.2	1.900	0.8	0.380	1.1946					
5	14:13	2.00	0.2/0.8	2.100	0.2	1.680	2.1503	1.00	1.6504	0.630	1.0393	7.4
5	14:14	2.00	0.2/0.8	2.100	0.8	0.420	1.1506					
6	14:16	2.30	0.2/0.6/0.8	2.200	0.2	1.760	2.1562	1.00	1.4055	0.660	0.9273	6.6
6	14:17	2.30	0.2/0.6/0.8	2.200	0.6	0.880	1.2986					
6	14:15	2.30	0.2/0.6/0.8	2.200	0.8	0.440	0.8688					
7	14:19	2.60	0.2/0.6/0.8	2.200	0.2	1.760	2.1772	1.00	1.2654	0.660	0.8349	5.9
7	14:20	2.60	0.2/0.6/0.8	2.200	0.6	0.880	1.0807					
7	14:18	2.60	0.2/0.6/0.8	2.200	0.8	0.440	0.7231					
8	14:23	2.90	0.2/0.6/0.8	2.200	0.2	1.760	2.1893	1.00	1.4770	0.660	0.9745	6.9
8	14:24	2.90	0.2/0.6/0.8	2.200	0.6	0.880	1.3133					
8	14:22	2.90	0.2/0.6/0.8	2.200	0.8	0.440	1.0922					
9	14:27	3.20	0.8/0.2	2.000	0.2	1.600	2.1257	1.00	1.8720	0.600	1.1227	7.9
9	14:26	3.20	0.8/0.2	2.000	0.8	0.400	1.6184					
10	14:28	3.50	0.2/0.8	2.000	0.2	1.600	2.2264	1.00	2.0935	0.600	1.2556	8.9
10	14:29	3.50	0.2/0.8	2.000	0.8	0.400	1.9606					
11	14:31	3.80	0.8/0.2	1.700	0.2	1.360	2.1286	1.00	1.6673	0.510	0.8500	6.0
11	14:30	3.80	0.8/0.2	1.700	0.8	0.340	1.2060					
12	14:33	4.10	0.2/0.8	1.500	0.2	1.200	2.1119	1.00	1.9624	0.450	0.8827	6.2
12	14:34	4.10	0.2/0.8	1.500	0.8	0.300	1.8130					
13	14:36	4.40	0.6	1.300	0.6	0.520	1.9324	1.00	1.9324	0.390	0.7532	5.3
14	14:37	4.70	0.6	1.000	0.6	0.400	1.7635	1.00	1.7635	0.300	0.5288	3.7
15	14:38	5.00	0.6	0.950	0.6	0.380	1.8051	1.00	1.8051	0.285	0.5143	3.6
16	14:39	5.30	0.6	0.700	0.6	0.280	1.7408	1.00	1.7408	0.210	0.3655	2.6
17	14:41	5.60	0.6	0.600	0.6	0.240	1.3015	1.00	1.3015	0.180	0.2342	1.7
18	14:42	5.90	0.6	0.500	0.6	0.200	0.6253	1.00	0.6253	0.150	0.0938	0.7
19	14:43	6.20	0.6	0.350	0.6	0.140	0.1995	1.00	0.1995	0.105	0.0209	0.1
20	14:43	6.50	None	0.200	0.0	0.0	0.0000	1.00	0.1995	0.030	0.0060	0.0

Rows in italics indicate a QC warning. See the Quality Control page of this report for more information.

Discharge Measurement Summary

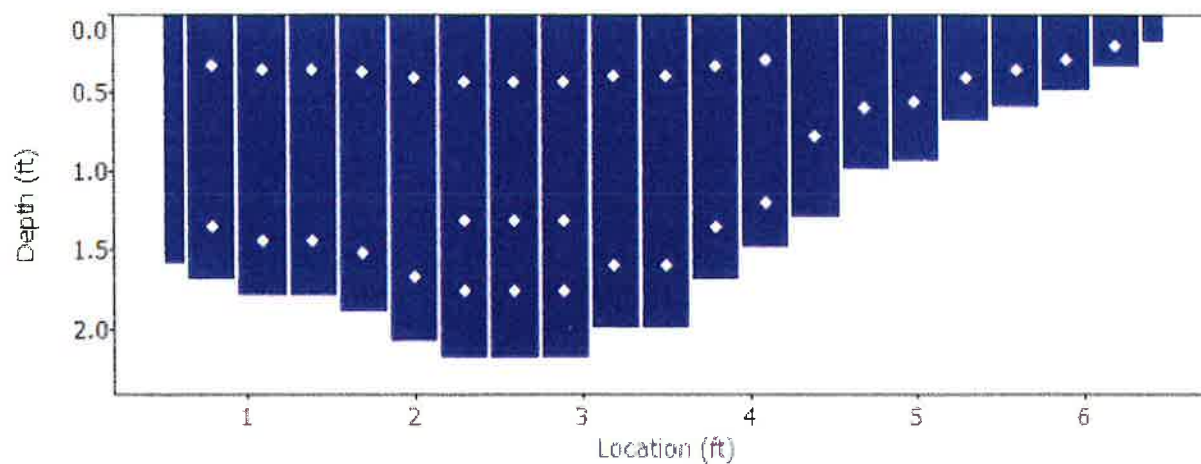
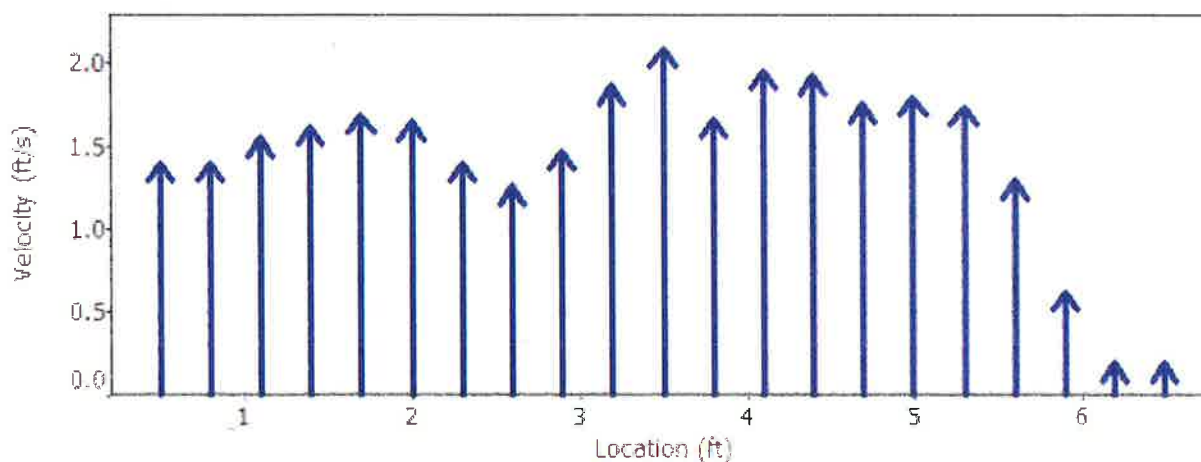
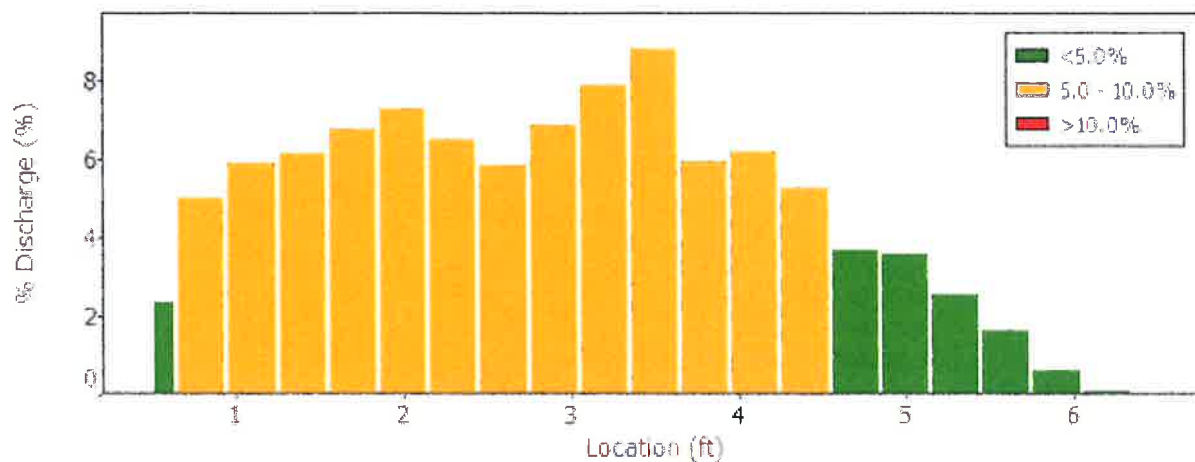
Date Generated: Thu Oct 24 2019

File Information

File Name BC191024.WAD
Start Date and Time 2019/10/24 14:04:06

Site Details

Site Name
Operator(s) TS



Discharge Measurement Summary

Date Generated: Thu Oct 24 2019

File Information

File Name BC191024.WAD
Start Date and Time 2019/10/24 14:04:06

Site Details

Site Name
Operator(s) TS

Quality Control

St	Loc	%Dep	Message
4	1.70	0.8	High number of spikes: 5
9	3.20	0.8	High standard error: 0.096
11	3.80	0.8	High standard error: 0.121
18	5.90	0.6	High standard error: 0.086
		0.6	Boundary QC is Poor; possible boundary interference
19	6.20	0.6	High angle: 29
		0.6	Boundary QC is Poor; possible boundary interference

Discharge Measurement Summary

Date Generated: Thu Oct 24 2019

File Information

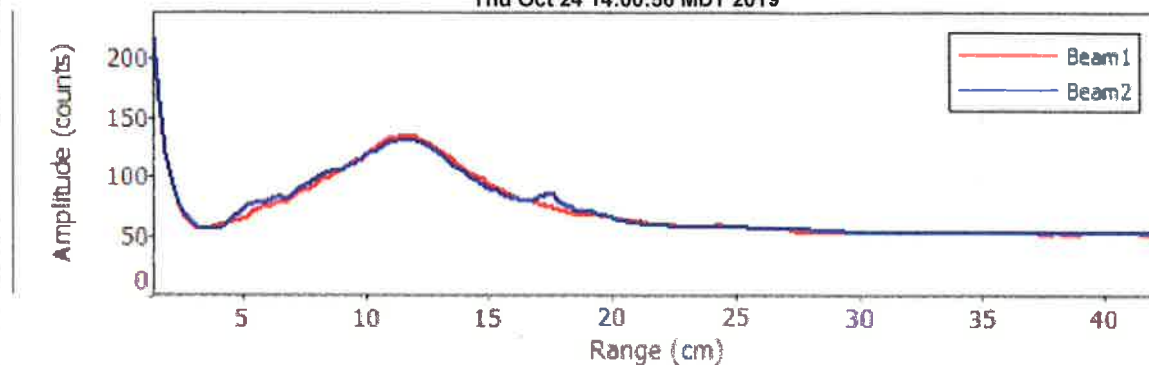
File Name BC191024.WAD
Start Date and Time 2019/10/24 14:04:06

Site Details

Site Name
Operator(s) TS

Automatic Quality Control Test (BeamCheck)

Thu Oct 24 14:00:56 MDT 2019



- ✔ Noise level check - Pass
- ✔ SNR check - Pass
- ✔ Peak location check - Pass
- ✔ Peak shape check - Pass

Ten Springs Flow Readings - 10/24/2019 Total Flow out of facility

	East 					West
Weir #	1	2	3	4	5	6
Width	3.82	3.8	3.8	3.81	3.82	3.75
Head	0.61	0.62	0.62	0.62	0.62	0.6
Flow Rate - Q	6.06	6.18	6.18	6.19	6.21	5.8

Total Flow 36.62 cfs

$Q = 3.33Lh^{1.5}$, where 3.33 is a constant, L is the weir width, and h is the head on the weir

Blind Canyon Aqua Ranch, Ten Springs facility
Summary of diversion volume for years 2002-2011 (permit development period)
Data from WD-130 Watermaster, 2012

2002	23782.4 AF
2003	21107.4 AF
2004	19983.2 AF
2005	19921.7 AF
2006	21080.4 AF
2007	21319.6 AF
2008	20729.6 AF
2009	19958.4 AF
2010	19869.8 AF
2011	20026.0 AF

Ten Springs 2002 daily flows reduced to 39.2 cfs, with resulting volumes

<u>Date</u>	<u>Flow</u>	<u>AF conv.</u>	<u>Daily volume</u>
01-Jan-02	29.6	1.9835	58.7116
02-Jan-02	30.42	1.9835	60.33807
03-Jan-02	30.42	1.9835	60.33807
04-Jan-02	30.4	1.9835	60.2984
05-Jan-02	30.4	1.9835	60.2984
06-Jan-02	30.4	1.9835	60.2984
07-Jan-02	30.4	1.9835	60.2984
08-Jan-02	30.4	1.9835	60.2984
09-Jan-02	31.2	1.9835	61.8852
10-Jan-02	31.2	1.9835	61.8852
11-Jan-02	31.2	1.9835	61.8852
12-Jan-02	31.2	1.9835	61.8852
13-Jan-02	31.2	1.9835	61.8852
14-Jan-02	31.2	1.9835	61.8852
15-Jan-02	31.2	1.9835	61.8852
16-Jan-02	30.4	1.9835	60.2984
17-Jan-02	30.4	1.9835	60.2984
18-Jan-02	30.4	1.9835	60.2984
19-Jan-02	30.4	1.9835	60.2984
20-Jan-02	30.4	1.9835	60.2984
21-Jan-02	29.6	1.9835	58.7116
22-Jan-02	29.6	1.9835	58.7116
23-Jan-02	29.6	1.9835	58.7116
24-Jan-02	29.6	1.9835	58.7116
25-Jan-02	29.6	1.9835	58.7116
26-Jan-02	31.2	1.9835	61.8852
27-Jan-02	31.2	1.9835	61.8852
28-Jan-02	31.2	1.9835	61.8852
29-Jan-02	29.6	1.9835	58.7116
30-Jan-02	29.6	1.9835	58.7116
31-Jan-02	29.6	1.9835	58.7116
01-Feb-02	29.6	1.9835	58.7116
02-Feb-02	29.6	1.9835	58.7116
03-Feb-02	29.6	1.9835	58.7116
04-Feb-02	29.6	1.9835	58.7116
05-Feb-02	29.6	1.9835	58.7116
06-Feb-02	29.6	1.9835	58.7116
07-Feb-02	30.4	1.9835	60.2984
08-Feb-02	30.4	1.9835	60.2984
09-Feb-02	30.4	1.9835	60.2984
10-Feb-02	30.4	1.9835	60.2984
11-Feb-02	29.6	1.9835	58.7116
12-Feb-02	29.6	1.9835	58.7116
13-Feb-02	29.6	1.9835	58.7116
14-Feb-02	29.6	1.9835	58.7116
15-Feb-02	29.6	1.9835	58.7116
16-Feb-02	29.6	1.9835	58.7116
17-Feb-02	29.6	1.9835	58.7116
18-Feb-02	29.6	1.9835	58.7116
19-Feb-02	29.6	1.9835	58.7116

20-Feb-02	29.6	1.9835	58.7116
21-Feb-02	29.6	1.9835	58.7116
22-Feb-02	29.6	1.9835	58.7116
23-Feb-02	29.6	1.9835	58.7116
24-Feb-02	29.6	1.9835	58.7116
25-Feb-02	29.6	1.9835	58.7116
26-Feb-02	29.6	1.9835	58.7116
27-Feb-02	30.4	1.9835	60.2984
28-Feb-02	31.2	1.9835	61.8852
01-Mar-02	31.2	1.9835	61.8852
02-Mar-02	31.2	1.9835	61.8852
03-Mar-02	31.2	1.9835	61.8852
04-Mar-02	27.9	1.9835	55.33965
05-Mar-02	27.9	1.9835	55.33965
06-Mar-02	27.9	1.9835	55.33965
07-Mar-02	27.9	1.9835	55.33965
08-Mar-02	27.9	1.9835	55.33965
09-Mar-02	27.9	1.9835	55.33965
10-Mar-02	27.9	1.9835	55.33965
11-Mar-02	27.1	1.9835	53.75285
12-Mar-02	27.1	1.9835	53.75285
13-Mar-02	27.1	1.9835	53.75285
14-Mar-02	27.1	1.9835	53.75285
15-Mar-02	27.1	1.9835	53.75285
16-Mar-02	27.1	1.9835	53.75285
17-Mar-02	27.1	1.9835	53.75285
18-Mar-02	27.1	1.9835	53.75285
19-Mar-02	27.1	1.9835	53.75285
20-Mar-02	27.1	1.9835	53.75285
21-Mar-02	27.1	1.9835	53.75285
22-Mar-02	27.1	1.9835	53.75285
23-Mar-02	27.1	1.9835	53.75285
24-Mar-02	27.1	1.9835	53.75285
25-Mar-02	27.9	1.9835	55.33965
26-Mar-02	27.9	1.9835	55.33965
27-Mar-02	27.9	1.9835	55.33965
28-Mar-02	27.9	1.9835	55.33965
29-Mar-02	27.9	1.9835	55.33965
30-Mar-02	27.9	1.9835	55.33965
31-Mar-02	27.9	1.9835	55.33965
01-Apr-02	27.1	1.9835	53.75285
02-Apr-02	27.1	1.9835	53.75285
03-Apr-02	27.1	1.9835	53.75285
04-Apr-02	27.1	1.9835	53.75285
05-Apr-02	27.1	1.9835	53.75285
06-Apr-02	27.1	1.9835	53.75285
07-Apr-02	27.1	1.9835	53.75285
08-Apr-02	28.8	1.9835	57.1248
09-Apr-02	28.8	1.9835	57.1248
10-Apr-02	28.8	1.9835	57.1248
11-Apr-02	28.8	1.9835	57.1248
12-Apr-02	28.8	1.9835	57.1248

13-Apr-02	28.8	1.9835	57.1248
14-Apr-02	28.8	1.9835	57.1248
15-Apr-02	28.8	1.9835	57.1248
16-Apr-02	28.8	1.9835	57.1248
17-Apr-02	28.8	1.9835	57.1248
18-Apr-02	28.8	1.9835	57.1248
19-Apr-02	28.8	1.9835	57.1248
20-Apr-02	28.8	1.9835	57.1248
21-Apr-02	28.8	1.9835	57.1248
22-Apr-02	30.4	1.9835	60.2984
23-Apr-02	30.4	1.9835	60.2984
24-Apr-02	30.4	1.9835	60.2984
25-Apr-02	30.4	1.9835	60.2984
26-Apr-02	30.4	1.9835	60.2984
27-Apr-02	30.4	1.9835	60.2984
28-Apr-02	30.4	1.9835	60.2984
29-Apr-02	27.1	1.9835	53.75285
30-Apr-02	27.1	1.9835	53.75285
01-May-02	27.1	1.9835	53.75285
02-May-02	27.9	1.9835	55.33965
03-May-02	27.9	1.9835	55.33965
04-May-02	27.9	1.9835	55.33965
05-May-02	27.1	1.9835	53.75285
06-May-02	27.1	1.9835	53.75285
07-May-02	27.1	1.9835	53.75285
08-May-02	27.1	1.9835	53.75285
09-May-02	27.1	1.9835	53.75285
10-May-02	27.1	1.9835	53.75285
11-May-02	27.1	1.9835	53.75285
12-May-02	27.1	1.9835	53.75285
13-May-02	27.1	1.9835	53.75285
14-May-02	27.1	1.9835	53.75285
15-May-02	27.9	1.9835	55.33965
16-May-02	27.9	1.9835	55.33965
17-May-02	27.9	1.9835	55.33965
18-May-02	27.9	1.9835	55.33965
19-May-02	27.9	1.9835	55.33965
20-May-02	27.9	1.9835	55.33965
21-May-02	27.9	1.9835	55.33965
22-May-02	27.1	1.9835	53.75285
23-May-02	27.1	1.9835	53.75285
24-May-02	27.1	1.9835	53.75285
25-May-02	27.1	1.9835	53.75285
26-May-02	27.1	1.9835	53.75285
27-May-02	27.9	1.9835	55.33965
28-May-02	27.9	1.9835	55.33965
29-May-02	27.9	1.9835	55.33965
30-May-02	27.9	1.9835	55.33965
31-May-02	27.9	1.9835	55.33965
01-Jun-02	27.9	1.9835	55.33965
02-Jun-02	27.9	1.9835	55.33965
03-Jun-02	27.9	1.9835	55.33965

04-Jun-02	27.9	1.9835	55.33965
05-Jun-02	27.9	1.9835	55.33965
06-Jun-02	27.9	1.9835	55.33965
07-Jun-02	27.1	1.9835	53.75285
08-Jun-02	27.1	1.9835	53.75285
09-Jun-02	27.1	1.9835	53.75285
10-Jun-02	27.1	1.9835	53.75285
11-Jun-02	27.1	1.9835	53.75285
12-Jun-02	27.1	1.9835	53.75285
13-Jun-02	27.1	1.9835	53.75285
14-Jun-02	27.1	1.9835	53.75285
15-Jun-02	27.1	1.9835	53.75285
16-Jun-02	27.1	1.9835	53.75285
17-Jun-02	27.1	1.9835	53.75285
18-Jun-02	27.1	1.9835	53.75285
19-Jun-02	27.1	1.9835	53.75285
20-Jun-02	27.1	1.9835	53.75285
21-Jun-02	27.1	1.9835	53.75285
22-Jun-02	27.1	1.9835	53.75285
23-Jun-02	27.1	1.9835	53.75285
24-Jun-02	27.1	1.9835	53.75285
25-Jun-02	27.1	1.9835	53.75285
26-Jun-02	26.3	1.9835	52.16605
27-Jun-02	26.3	1.9835	52.16605
28-Jun-02	26.3	1.9835	52.16605
29-Jun-02	26.3	1.9835	52.16605
30-Jun-02	26.3	1.9835	52.16605
01-Jul-02	26.3	1.9835	52.16605
02-Jul-02	26.3	1.9835	52.16605
03-Jul-02	26.3	1.9835	52.16605
04-Jul-02	26.3	1.9835	52.16605
05-Jul-02	26.3	1.9835	52.16605
06-Jul-02	26.3	1.9835	52.16605
07-Jul-02	26.3	1.9835	52.16605
08-Jul-02	26.3	1.9835	52.16605
09-Jul-02	26.4	1.9835	52.3644
10-Jul-02	26.4	1.9835	52.3644
11-Jul-02	26.4	1.9835	52.3644
12-Jul-02	27.1	1.9835	53.75285
13-Jul-02	27.1	1.9835	53.75285
14-Jul-02	27.1	1.9835	53.75285
15-Jul-02	27.1	1.9835	53.75285
16-Jul-02	27.9	1.9835	55.33965
17-Jul-02	28.8	1.9835	57.1248
18-Jul-02	28.8	1.9835	57.1248
19-Jul-02	28.8	1.9835	57.1248
20-Jul-02	28.8	1.9835	57.1248
21-Jul-02	28.8	1.9835	57.1248
22-Jul-02	31.2	1.9835	61.8852
23-Jul-02	31.2	1.9835	61.8852
24-Jul-02	31.2	1.9835	61.8852
25-Jul-02	31.2	1.9835	61.8852

26-Jul-02	31.2	1.9835	61.8852
27-Jul-02	31.2	1.9835	61.8852
28-Jul-02	31.2	1.9835	61.8852
29-Jul-02	31.2	1.9835	61.8852
30-Jul-02	31.2	1.9835	61.8852
31-Jul-02	31.2	1.9835	61.8852
01-Aug-02	31.2	1.9835	61.8852
02-Aug-02	31.2	1.9835	61.8852
03-Aug-02	31.2	1.9835	61.8852
04-Aug-02	31.2	1.9835	61.8852
05-Aug-02	31.2	1.9835	61.8852
06-Aug-02	31.2	1.9835	61.8852
07-Aug-02	36.5	1.9835	72.39775
08-Aug-02	36.5	1.9835	72.39775
09-Aug-02	36.5	1.9835	72.39775
10-Aug-02	36.5	1.9835	72.39775
11-Aug-02	36.5	1.9835	72.39775
12-Aug-02	36.5	1.9835	72.39775
13-Aug-02	36.5	1.9835	72.39775
14-Aug-02	36.5	1.9835	72.39775
15-Aug-02	36.5	1.9835	72.39775
16-Aug-02	36.5	1.9835	72.39775
17-Aug-02	36.5	1.9835	72.39775
18-Aug-02	36.5	1.9835	72.39775
19-Aug-02	36.5	1.9835	72.39775
20-Aug-02	36.5	1.9835	72.39775
21-Aug-02	36.5	1.9835	72.39775
22-Aug-02	36.5	1.9835	72.39775
23-Aug-02	36.5	1.9835	72.39775
24-Aug-02	36.5	1.9835	72.39775
25-Aug-02	36.5	1.9835	72.39775
26-Aug-02	36.5	1.9835	72.39775
27-Aug-02	36.5	1.9835	72.39775
28-Aug-02	37.1	1.9835	73.58785
29-Aug-02	37.1	1.9835	73.58785
30-Aug-02	37.1	1.9835	73.58785
31-Aug-02	37.1	1.9835	73.58785
01-Sep-02	37.1	1.9835	73.58785
02-Sep-02	37.1	1.9835	73.58785
03-Sep-02	38.1	1.9835	75.57135
04-Sep-02	38.1	1.9835	75.57135
05-Sep-02	38.1	1.9835	75.57135
06-Sep-02	38.1	1.9835	75.57135
07-Sep-02	38.1	1.9835	75.57135
08-Sep-02	38.1	1.9835	75.57135
09-Sep-02	38.1	1.9835	75.57135
10-Sep-02	38.1	1.9835	75.57135
11-Sep-02	38.1	1.9835	75.57135
12-Sep-02	38.1	1.9835	75.57135
13-Sep-02	38.1	1.9835	75.57135
14-Sep-02	38.1	1.9835	75.57135
15-Sep-02	38.1	1.9835	75.57135

16-Sep-02	38.1	1.9835	75.57135
17-Sep-02	38.1	1.9835	75.57135
18-Sep-02	38.1	1.9835	75.57135
19-Sep-02	38.1	1.9835	75.57135
20-Sep-02	38.1	1.9835	75.57135
21-Sep-02	38.1	1.9835	75.57135
22-Sep-02	38.1	1.9835	75.57135
23-Sep-02	38.1	1.9835	75.57135
24-Sep-02	38.1	1.9835	75.57135
25-Sep-02	38.1	1.9835	75.57135
26-Sep-02	38.1	1.9835	75.57135
27-Sep-02	38.1	1.9835	75.57135
28-Sep-02	38.1	1.9835	75.57135
29-Sep-02	38.1	1.9835	75.57135
30-Sep-02	39.2	1.9835	77.7532
01-Oct-02	39.2	1.9835	77.7532
02-Oct-02	39.2	1.9835	77.7532
03-Oct-02	39.2	1.9835	77.7532
04-Oct-02	39.2	1.9835	77.7532
05-Oct-02	39.2	1.9835	77.7532
06-Oct-02	39.2	1.9835	77.7532
07-Oct-02	39.2	1.9835	77.7532
08-Oct-02	39.2	1.9835	77.7532
09-Oct-02	39.2	1.9835	77.7532
10-Oct-02	39.2	1.9835	77.7532
11-Oct-02	39.2	1.9835	77.7532
12-Oct-02	39.2	1.9835	77.7532
13-Oct-02	39.2	1.9835	77.7532
14-Oct-02	39.2	1.9835	77.7532
15-Oct-02	39.2	1.9835	77.7532
16-Oct-02	39.2	1.9835	77.7532
17-Oct-02	39.2	1.9835	77.7532
18-Oct-02	39.2	1.9835	77.7532
19-Oct-02	39.2	1.9835	77.7532
20-Oct-02	39.2	1.9835	77.7532
21-Oct-02	39.2	1.9835	77.7532
22-Oct-02	39.2	1.9835	77.7532
23-Oct-02	39.2	1.9835	77.7532
24-Oct-02	39.2	1.9835	77.7532
25-Oct-02	39.2	1.9835	77.7532
26-Oct-02	39.2	1.9835	77.7532
27-Oct-02	39.2	1.9835	77.7532
28-Oct-02	39.2	1.9835	77.7532
29-Oct-02	39.2	1.9835	77.7532
30-Oct-02	39.2	1.9835	77.7532
31-Oct-02	39.2	1.9835	77.7532
01-Nov-02	39.2	1.9835	77.7532
02-Nov-02	39.2	1.9835	77.7532
03-Nov-02	39.2	1.9835	77.7532
04-Nov-02	39.2	1.9835	77.7532
05-Nov-02	39.2	1.9835	77.7532
06-Nov-02	39.2	1.9835	77.7532

07-Nov-02	39.2	1.9835	77.7532
08-Nov-02	39.2	1.9835	77.7532
09-Nov-02	39.2	1.9835	77.7532
10-Nov-02	39.2	1.9835	77.7532
11-Nov-02	39.2	1.9835	77.7532
12-Nov-02	39.2	1.9835	77.7532
13-Nov-02	39.2	1.9835	77.7532
14-Nov-02	39.2	1.9835	77.7532
15-Nov-02	39.2	1.9835	77.7532
16-Nov-02	39.2	1.9835	77.7532
17-Nov-02	39.2	1.9835	77.7532
18-Nov-02	39.2	1.9835	77.7532
19-Nov-02	39.2	1.9835	77.7532
20-Nov-02	39.2	1.9835	77.7532
21-Nov-02	39.2	1.9835	77.7532
22-Nov-02	39.2	1.9835	77.7532
23-Nov-02	39.2	1.9835	77.7532
24-Nov-02	39.2	1.9835	77.7532
25-Nov-02	39.2	1.9835	77.7532
26-Nov-02	39.2	1.9835	77.7532
27-Nov-02	39.2	1.9835	77.7532
28-Nov-02	39.2	1.9835	77.7532
29-Nov-02	39.2	1.9835	77.7532
30-Nov-02	39.2	1.9835	77.7532
01-Dec-02	39.2	1.9835	77.7532
02-Dec-02	39.2	1.9835	77.7532
03-Dec-02	39.2	1.9835	77.7532
04-Dec-02	39.2	1.9835	77.7532
05-Dec-02	39.2	1.9835	77.7532
06-Dec-02	39.2	1.9835	77.7532
07-Dec-02	39.2	1.9835	77.7532
08-Dec-02	39.2	1.9835	77.7532
09-Dec-02	39.2	1.9835	77.7532
10-Dec-02	39.2	1.9835	77.7532
11-Dec-02	39.2	1.9835	77.7532
12-Dec-02	39.2	1.9835	77.7532
13-Dec-02	39.2	1.9835	77.7532
14-Dec-02	39.2	1.9835	77.7532
15-Dec-02	39.2	1.9835	77.7532
16-Dec-02	39.2	1.9835	77.7532
17-Dec-02	39.2	1.9835	77.7532
18-Dec-02	39.2	1.9835	77.7532
19-Dec-02	39.2	1.9835	77.7532
20-Dec-02	39.2	1.9835	77.7532
21-Dec-02	39.2	1.9835	77.7532
22-Dec-02	39.2	1.9835	77.7532
23-Dec-02	39.2	1.9835	77.7532
24-Dec-02	39.2	1.9835	77.7532
25-Dec-02	39.2	1.9835	77.7532
26-Dec-02	39.2	1.9835	77.7532
27-Dec-02	39.2	1.9835	77.7532
28-Dec-02	39.2	1.9835	77.7532

29-Dec-02	39.2	1.9835	77.7532
30-Dec-02	38.1	1.9835	75.57135
31-Dec-02	38.1	1.9835	75.57135
23598.4 acre-feet			

Reduced flow rates are highlighted in yellow

36-8299 Blind Canyon Aqua Ranch
Diversion data for the highest flow/volume year- 2002 - during the development period
Source: WD-130 Watermaster, 2012

HydrologyID	DiversionName	stric	DiversionDate	Discharge						
360410088	THOUSAND SPRINGS HATCHERY	130	01-Jan-02	29.6	1.9835	58.7116				
360410088	THOUSAND SPRINGS HATCHERY	130	02-Jan-02	30.42	1.9835	60.33807				
360410088	THOUSAND SPRINGS HATCHERY	130	03-Jan-02	30.42	1.9835	60.33807				
360410088	THOUSAND SPRINGS HATCHERY	130	04-Jan-02	30.4	1.9835	60.2984				
360410088	THOUSAND SPRINGS HATCHERY	130	05-Jan-02	30.4	1.9835	60.2984				
360410088	THOUSAND SPRINGS HATCHERY	130	06-Jan-02	30.4	1.9835	60.2984				
360410088	THOUSAND SPRINGS HATCHERY	130	07-Jan-02	30.4	1.9835	60.2984				
360410088	THOUSAND SPRINGS HATCHERY	130	08-Jan-02	30.4	1.9835	60.2984				
360410088	THOUSAND SPRINGS HATCHERY	130	09-Jan-02	31.2	1.9835	61.8852				
360410088	THOUSAND SPRINGS HATCHERY	130	10-Jan-02	31.2	1.9835	61.8852				
360410088	THOUSAND SPRINGS HATCHERY	130	11-Jan-02	31.2	1.9835	61.8852				
360410088	THOUSAND SPRINGS HATCHERY	130	12-Jan-02	31.2	1.9835	61.8852				
360410088	THOUSAND SPRINGS HATCHERY	130	13-Jan-02	31.2	1.9835	61.8852				
360410088	THOUSAND SPRINGS HATCHERY	130	14-Jan-02	31.2	1.9835	61.8852				
360410088	THOUSAND SPRINGS HATCHERY	130	15-Jan-02	31.2	1.9835	61.8852				
360410088	THOUSAND SPRINGS HATCHERY	130	16-Jan-02	30.4	1.9835	60.2984				
360410088	THOUSAND SPRINGS HATCHERY	130	17-Jan-02	30.4	1.9835	60.2984				
360410088	THOUSAND SPRINGS HATCHERY	130	18-Jan-02	30.4	1.9835	60.2984				
360410088	THOUSAND SPRINGS HATCHERY	130	19-Jan-02	30.4	1.9835	60.2984				
360410088	THOUSAND SPRINGS HATCHERY	130	20-Jan-02	30.4	1.9835	60.2984				
360410088	THOUSAND SPRINGS HATCHERY	130	21-Jan-02	29.6	1.9835	58.7116				
360410088	THOUSAND SPRINGS HATCHERY	130	22-Jan-02	29.6	1.9835	58.7116				
360410088	THOUSAND SPRINGS HATCHERY	130	23-Jan-02	29.6	1.9835	58.7116				
360410088	THOUSAND SPRINGS HATCHERY	130	24-Jan-02	29.6	1.9835	58.7116				
360410088	THOUSAND SPRINGS HATCHERY	130	25-Jan-02	29.6	1.9835	58.7116				
360410088	THOUSAND SPRINGS HATCHERY	130	26-Jan-02	31.2	1.9835	61.8852				
360410088	THOUSAND SPRINGS HATCHERY	130	27-Jan-02	31.2	1.9835	61.8852				
360410088	THOUSAND SPRINGS HATCHERY	130	28-Jan-02	31.2	1.9835	61.8852				
360410088	THOUSAND SPRINGS HATCHERY	130	29-Jan-02	29.6	1.9835	58.7116				
360410088	THOUSAND SPRINGS HATCHERY	130	30-Jan-02	29.6	1.9835	58.7116				
360410088	THOUSAND SPRINGS HATCHERY	130	31-Jan-02	29.6	1.9835	58.7116				
360410088	THOUSAND SPRINGS HATCHERY	130	01-Feb-02	29.6	1.9835	58.7116				
360410088	THOUSAND SPRINGS HATCHERY	130	02-Feb-02	29.6	1.9835	58.7116				
360410088	THOUSAND SPRINGS HATCHERY	130	03-Feb-02	29.6	1.9835	58.7116				
360410088	THOUSAND SPRINGS HATCHERY	130	04-Feb-02	29.6	1.9835	58.7116				
360410088	THOUSAND SPRINGS HATCHERY	130	05-Feb-02	29.6	1.9835	58.7116				
360410088	THOUSAND SPRINGS HATCHERY	130	06-Feb-02	29.6	1.9835	58.7116				
360410088	THOUSAND SPRINGS HATCHERY	130	07-Feb-02	30.4	1.9835	60.2984				
360410088	THOUSAND SPRINGS HATCHERY	130	08-Feb-02	30.4	1.9835	60.2984				
360410088	THOUSAND SPRINGS HATCHERY	130	09-Feb-02	30.4	1.9835	60.2984				
360410088	THOUSAND SPRINGS HATCHERY	130	10-Feb-02	30.4	1.9835	60.2984				
360410088	THOUSAND SPRINGS HATCHERY	130	11-Feb-02	29.6	1.9835	58.7116				
360410088	THOUSAND SPRINGS HATCHERY	130	12-Feb-02	29.6	1.9835	58.7116				
360410088	THOUSAND SPRINGS HATCHERY	130	13-Feb-02	29.6	1.9835	58.7116				

HydrologyID	DiversionName	stric	DiversionDate	Discharge					
360410088	THOUSAND SPRINGS HATCHERY	130	14-Feb-02	29.6	1.9835	58,7116			
360410088	THOUSAND SPRINGS HATCHERY	130	15-Feb-02	29.6	1.9835	58,7116			
360410088	THOUSAND SPRINGS HATCHERY	130	16-Feb-02	29.6	1.9835	58,7116			
360410088	THOUSAND SPRINGS HATCHERY	130	17-Feb-02	29.6	1.9835	58,7116			
360410088	THOUSAND SPRINGS HATCHERY	130	18-Feb-02	29.6	1.9835	58,7116			
360410088	THOUSAND SPRINGS HATCHERY	130	19-Feb-02	29.6	1.9835	58,7116			
360410088	THOUSAND SPRINGS HATCHERY	130	20-Feb-02	29.6	1.9835	58,7116			
360410088	THOUSAND SPRINGS HATCHERY	130	21-Feb-02	29.6	1.9835	58,7116			
360410088	THOUSAND SPRINGS HATCHERY	130	22-Feb-02	29.6	1.9835	58,7116			
360410088	THOUSAND SPRINGS HATCHERY	130	23-Feb-02	29.6	1.9835	58,7116			
360410088	THOUSAND SPRINGS HATCHERY	130	24-Feb-02	29.6	1.9835	58,7116			
360410088	THOUSAND SPRINGS HATCHERY	130	25-Feb-02	29.6	1.9835	58,7116			
360410088	THOUSAND SPRINGS HATCHERY	130	26-Feb-02	29.6	1.9835	58,7116			
360410088	THOUSAND SPRINGS HATCHERY	130	27-Feb-02	30.4	1.9835	60,2984			
360410088	THOUSAND SPRINGS HATCHERY	130	28-Feb-02	31.2	1.9835	61,8852			
360410088	THOUSAND SPRINGS HATCHERY	130	01-Mar-02	31.2	1.9835	61,8852			
360410088	THOUSAND SPRINGS HATCHERY	130	02-Mar-02	31.2	1.9835	61,8852			
360410088	THOUSAND SPRINGS HATCHERY	130	03-Mar-02	31.2	1.9835	61,8852			
360410088	THOUSAND SPRINGS HATCHERY	130	04-Mar-02	27.9	1.9835	55,33965			
360410088	THOUSAND SPRINGS HATCHERY	130	05-Mar-02	27.9	1.9835	55,33965			
360410088	THOUSAND SPRINGS HATCHERY	130	06-Mar-02	27.9	1.9835	55,33965			
360410088	THOUSAND SPRINGS HATCHERY	130	07-Mar-02	27.9	1.9835	55,33965			
360410088	THOUSAND SPRINGS HATCHERY	130	08-Mar-02	27.9	1.9835	55,33965			
360410088	THOUSAND SPRINGS HATCHERY	130	09-Mar-02	27.9	1.9835	55,33965			
360410088	THOUSAND SPRINGS HATCHERY	130	10-Mar-02	27.9	1.9835	55,33965			
360410088	THOUSAND SPRINGS HATCHERY	130	11-Mar-02	27.1	1.9835	53,75285			
360410088	THOUSAND SPRINGS HATCHERY	130	12-Mar-02	27.1	1.9835	53,75285			
360410088	THOUSAND SPRINGS HATCHERY	130	13-Mar-02	27.1	1.9835	53,75285			
360410088	THOUSAND SPRINGS HATCHERY	130	14-Mar-02	27.1	1.9835	53,75285			
360410088	THOUSAND SPRINGS HATCHERY	130	15-Mar-02	27.1	1.9835	53,75285			
360410088	THOUSAND SPRINGS HATCHERY	130	16-Mar-02	27.1	1.9835	53,75285			
360410088	THOUSAND SPRINGS HATCHERY	130	17-Mar-02	27.1	1.9835	53,75285			
360410088	THOUSAND SPRINGS HATCHERY	130	18-Mar-02	27.1	1.9835	53,75285			
360410088	THOUSAND SPRINGS HATCHERY	130	19-Mar-02	27.1	1.9835	53,75285			
360410088	THOUSAND SPRINGS HATCHERY	130	20-Mar-02	27.1	1.9835	53,75285			
360410088	THOUSAND SPRINGS HATCHERY	130	21-Mar-02	27.1	1.9835	53,75285			
360410088	THOUSAND SPRINGS HATCHERY	130	22-Mar-02	27.1	1.9835	53,75285			
360410088	THOUSAND SPRINGS HATCHERY	130	23-Mar-02	27.1	1.9835	53,75285			
360410088	THOUSAND SPRINGS HATCHERY	130	24-Mar-02	27.1	1.9835	53,75285			
360410088	THOUSAND SPRINGS HATCHERY	130	25-Mar-02	27.9	1.9835	55,33965			
360410088	THOUSAND SPRINGS HATCHERY	130	26-Mar-02	27.9	1.9835	55,33965			
360410088	THOUSAND SPRINGS HATCHERY	130	27-Mar-02	27.9	1.9835	55,33965			
360410088	THOUSAND SPRINGS HATCHERY	130	28-Mar-02	27.9	1.9835	55,33965			
360410088	THOUSAND SPRINGS HATCHERY	130	29-Mar-02	27.9	1.9835	55,33965			

36-8299 Blind Canyon Aqua Ranch

HydrologyID	DiversionName	stric	DiversionDate	Discharge						
360410088	THOUSAND SPRINGS HATCHERY	130	30-Mar-02	27.9	1.9835	55.33965				
360410088	THOUSAND SPRINGS HATCHERY	130	31-Mar-02	27.9	1.9835	55.33965				
360410088	THOUSAND SPRINGS HATCHERY	130	01-Apr-02	27.1	1.9835	53.75285				
360410088	THOUSAND SPRINGS HATCHERY	130	02-Apr-02	27.1	1.9835	53.75285				
360410088	THOUSAND SPRINGS HATCHERY	130	03-Apr-02	27.1	1.9835	53.75285				
360410088	THOUSAND SPRINGS HATCHERY	130	04-Apr-02	27.1	1.9835	53.75285				
360410088	THOUSAND SPRINGS HATCHERY	130	05-Apr-02	27.1	1.9835	53.75285				
360410088	THOUSAND SPRINGS HATCHERY	130	06-Apr-02	27.1	1.9835	53.75285				
360410088	THOUSAND SPRINGS HATCHERY	130	07-Apr-02	27.1	1.9835	53.75285				
360410088	THOUSAND SPRINGS HATCHERY	130	08-Apr-02	28.8	1.9835	57.1248				
360410088	THOUSAND SPRINGS HATCHERY	130	09-Apr-02	28.8	1.9835	57.1248				
360410088	THOUSAND SPRINGS HATCHERY	130	10-Apr-02	28.8	1.9835	57.1248				
360410088	THOUSAND SPRINGS HATCHERY	130	11-Apr-02	28.8	1.9835	57.1248				
360410088	THOUSAND SPRINGS HATCHERY	130	12-Apr-02	28.8	1.9835	57.1248				
360410088	THOUSAND SPRINGS HATCHERY	130	13-Apr-02	28.8	1.9835	57.1248				
360410088	THOUSAND SPRINGS HATCHERY	130	14-Apr-02	28.8	1.9835	57.1248				
360410088	THOUSAND SPRINGS HATCHERY	130	15-Apr-02	28.8	1.9835	57.1248				
360410088	THOUSAND SPRINGS HATCHERY	130	16-Apr-02	28.8	1.9835	57.1248				
360410088	THOUSAND SPRINGS HATCHERY	130	17-Apr-02	28.8	1.9835	57.1248				
360410088	THOUSAND SPRINGS HATCHERY	130	18-Apr-02	28.8	1.9835	57.1248				
360410088	THOUSAND SPRINGS HATCHERY	130	19-Apr-02	28.8	1.9835	57.1248				
360410088	THOUSAND SPRINGS HATCHERY	130	20-Apr-02	28.8	1.9835	57.1248				
360410088	THOUSAND SPRINGS HATCHERY	130	21-Apr-02	28.8	1.9835	57.1248				
360410088	THOUSAND SPRINGS HATCHERY	130	22-Apr-02	30.4	1.9835	60.2984				
360410088	THOUSAND SPRINGS HATCHERY	130	23-Apr-02	30.4	1.9835	60.2984				
360410088	THOUSAND SPRINGS HATCHERY	130	24-Apr-02	30.4	1.9835	60.2984				
360410088	THOUSAND SPRINGS HATCHERY	130	25-Apr-02	30.4	1.9835	60.2984				
360410088	THOUSAND SPRINGS HATCHERY	130	26-Apr-02	30.4	1.9835	60.2984				
360410088	THOUSAND SPRINGS HATCHERY	130	27-Apr-02	30.4	1.9835	60.2984				
360410088	THOUSAND SPRINGS HATCHERY	130	28-Apr-02	30.4	1.9835	60.2984				
360410088	THOUSAND SPRINGS HATCHERY	130	29-Apr-02	27.1	1.9835	53.75285				
360410088	THOUSAND SPRINGS HATCHERY	130	30-Apr-02	27.1	1.9835	53.75285				
360410088	THOUSAND SPRINGS HATCHERY	130	01-May-02	27.1	1.9835	53.75285				
360410088	THOUSAND SPRINGS HATCHERY	130	02-May-02	27.9	1.9835	55.33965				
360410088	THOUSAND SPRINGS HATCHERY	130	03-May-02	27.9	1.9835	55.33965				
360410088	THOUSAND SPRINGS HATCHERY	130	04-May-02	27.9	1.9835	55.33965				
360410088	THOUSAND SPRINGS HATCHERY	130	05-May-02	27.1	1.9835	53.75285				
360410088	THOUSAND SPRINGS HATCHERY	130	06-May-02	27.1	1.9835	53.75285				
360410088	THOUSAND SPRINGS HATCHERY	130	07-May-02	27.1	1.9835	53.75285				
360410088	THOUSAND SPRINGS HATCHERY	130	08-May-02	27.1	1.9835	53.75285				
360410088	THOUSAND SPRINGS HATCHERY	130	09-May-02	27.1	1.9835	53.75285				
360410088	THOUSAND SPRINGS HATCHERY	130	10-May-02	27.1	1.9835	53.75285				
360410088	THOUSAND SPRINGS HATCHERY	130	11-May-02	27.1	1.9835	53.75285				
360410088	THOUSAND SPRINGS HATCHERY	130	12-May-02	27.1	1.9835	53.75285				

36-8299 Blind Canyon Aqua Ranch

[illegible]

HydrologyID	DiversionName	Stric	DiversionDate	Discharge						
360410088	THOUSAND SPRINGS HATCHERY	130	26-Jun-02	26.3	1.9835	52.16605				
360410088	THOUSAND SPRINGS HATCHERY	130	27-Jun-02	26.3	1.9835	52.16605				
360410088	THOUSAND SPRINGS HATCHERY	130	28-Jun-02	26.3	1.9835	52.16605				
360410088	THOUSAND SPRINGS HATCHERY	130	29-Jun-02	26.3	1.9835	52.16605				
360410088	THOUSAND SPRINGS HATCHERY	130	30-Jun-02	26.3	1.9835	52.16605				
360410088	THOUSAND SPRINGS HATCHERY	130	01-Jul-02	26.3	1.9835	52.16605				
360410088	THOUSAND SPRINGS HATCHERY	130	02-Jul-02	26.3	1.9835	52.16605				
360410088	THOUSAND SPRINGS HATCHERY	130	03-Jul-02	26.3	1.9835	52.16605				
360410088	THOUSAND SPRINGS HATCHERY	130	04-Jul-02	26.3	1.9835	52.16605				
360410088	THOUSAND SPRINGS HATCHERY	130	05-Jul-02	26.3	1.9835	52.16605				
360410088	THOUSAND SPRINGS HATCHERY	130	06-Jul-02	26.3	1.9835	52.16605				
360410088	THOUSAND SPRINGS HATCHERY	130	07-Jul-02	26.3	1.9835	52.16605				
360410088	THOUSAND SPRINGS HATCHERY	130	08-Jul-02	26.3	1.9835	52.16605				
360410088	THOUSAND SPRINGS HATCHERY	130	09-Jul-02	26.4	1.9835	52.3644				
360410088	THOUSAND SPRINGS HATCHERY	130	10-Jul-02	26.4	1.9835	52.3644				
360410088	THOUSAND SPRINGS HATCHERY	130	11-Jul-02	26.4	1.9835	52.3644				
360410088	THOUSAND SPRINGS HATCHERY	130	12-Jul-02	27.1	1.9835	53.75285				
360410088	THOUSAND SPRINGS HATCHERY	130	13-Jul-02	27.1	1.9835	53.75285				
360410088	THOUSAND SPRINGS HATCHERY	130	14-Jul-02	27.1	1.9835	53.75285				
360410088	THOUSAND SPRINGS HATCHERY	130	15-Jul-02	27.1	1.9835	53.75285				
360410088	THOUSAND SPRINGS HATCHERY	130	16-Jul-02	27.9	1.9835	55.33965				
360410088	THOUSAND SPRINGS HATCHERY	130	17-Jul-02	28.8	1.9835	57.1248				
360410088	THOUSAND SPRINGS HATCHERY	130	18-Jul-02	28.8	1.9835	57.1248				
360410088	THOUSAND SPRINGS HATCHERY	130	19-Jul-02	28.8	1.9835	57.1248				
360410088	THOUSAND SPRINGS HATCHERY	130	20-Jul-02	28.8	1.9835	57.1248				
360410088	THOUSAND SPRINGS HATCHERY	130	21-Jul-02	28.8	1.9835	57.1248				
360410088	THOUSAND SPRINGS HATCHERY	130	22-Jul-02	31.2	1.9835	61.8852				
360410088	THOUSAND SPRINGS HATCHERY	130	23-Jul-02	31.2	1.9835	61.8852				
360410088	THOUSAND SPRINGS HATCHERY	130	24-Jul-02	31.2	1.9835	61.8852				
360410088	THOUSAND SPRINGS HATCHERY	130	25-Jul-02	31.2	1.9835	61.8852				
360410088	THOUSAND SPRINGS HATCHERY	130	26-Jul-02	31.2	1.9835	61.8852				
360410088	THOUSAND SPRINGS HATCHERY	130	27-Jul-02	31.2	1.9835	61.8852				
360410088	THOUSAND SPRINGS HATCHERY	130	28-Jul-02	31.2	1.9835	61.8852				
360410088	THOUSAND SPRINGS HATCHERY	130	29-Jul-02	31.2	1.9835	61.8852				
360410088	THOUSAND SPRINGS HATCHERY	130	30-Jul-02	31.2	1.9835	61.8852				
360410088	THOUSAND SPRINGS HATCHERY	130	31-Jul-02	31.2	1.9835	61.8852				
360410088	THOUSAND SPRINGS HATCHERY	130	01-Aug-02	31.2	1.9835	61.8852				
360410088	THOUSAND SPRINGS HATCHERY	130	02-Aug-02	31.2	1.9835	61.8852				
360410088	THOUSAND SPRINGS HATCHERY	130	03-Aug-02	31.2	1.9835	61.8852				
360410088	THOUSAND SPRINGS HATCHERY	130	04-Aug-02	31.2	1.9835	61.8852				
360410088	THOUSAND SPRINGS HATCHERY	130	05-Aug-02	31.2	1.9835	61.8852				
360410088	THOUSAND SPRINGS HATCHERY	130	06-Aug-02	31.2	1.9835	61.8852				
360410088	THOUSAND SPRINGS HATCHERY	130	07-Aug-02	36.5	1.9835	72.39775				
360410088	THOUSAND SPRINGS HATCHERY	130	08-Aug-02	36.5	1.9835	72.39775				

36-8299 Blind Canyon Aqua Ranch

[illegible]

HydrologyID	DiversionName	stric	DiversionDate	Discharge						
360410088	THOUSAND SPRINGS HATCHERY	130	22-Sep-02	38.1	1.9835	75.57135				
360410088	THOUSAND SPRINGS HATCHERY	130	23-Sep-02	38.1	1.9835	75.57135				
360410088	THOUSAND SPRINGS HATCHERY	130	24-Sep-02	38.1	1.9835	75.57135				
360410088	THOUSAND SPRINGS HATCHERY	130	25-Sep-02	38.1	1.9835	75.57135				
360410088	THOUSAND SPRINGS HATCHERY	130	26-Sep-02	38.1	1.9835	75.57135				
360410088	THOUSAND SPRINGS HATCHERY	130	27-Sep-02	38.1	1.9835	75.57135				
360410088	THOUSAND SPRINGS HATCHERY	130	28-Sep-02	38.1	1.9835	75.57135				
360410088	THOUSAND SPRINGS HATCHERY	130	29-Sep-02	38.1	1.9835	75.57135				
360410088	THOUSAND SPRINGS HATCHERY	130	30-Sep-02	40.8	1.9835	80.9268				
360410088	THOUSAND SPRINGS HATCHERY	130	01-Oct-02	40.8	1.9835	80.9268				
360410088	THOUSAND SPRINGS HATCHERY	130	02-Oct-02	40.8	1.9835	80.9268				
360410088	THOUSAND SPRINGS HATCHERY	130	03-Oct-02	40.8	1.9835	80.9268				
360410088	THOUSAND SPRINGS HATCHERY	130	04-Oct-02	40.8	1.9835	80.9268				
360410088	THOUSAND SPRINGS HATCHERY	130	05-Oct-02	40.8	1.9835	80.9268				
360410088	THOUSAND SPRINGS HATCHERY	130	06-Oct-02	40.8	1.9835	80.9268				
360410088	THOUSAND SPRINGS HATCHERY	130	07-Oct-02	40.8	1.9835	80.9268				
360410088	THOUSAND SPRINGS HATCHERY	130	08-Oct-02	42.4	1.9835	84.1004				
360410088	THOUSAND SPRINGS HATCHERY	130	09-Oct-02	42.4	1.9835	84.1004				
360410088	THOUSAND SPRINGS HATCHERY	130	10-Oct-02	42.4	1.9835	84.1004				
360410088	THOUSAND SPRINGS HATCHERY	130	11-Oct-02	42.4	1.9835	84.1004				
360410088	THOUSAND SPRINGS HATCHERY	130	12-Oct-02	42.4	1.9835	84.1004				
360410088	THOUSAND SPRINGS HATCHERY	130	13-Oct-02	42.4	1.9835	84.1004				
360410088	THOUSAND SPRINGS HATCHERY	130	14-Oct-02	42.4	1.9835	84.1004				
360410088	THOUSAND SPRINGS HATCHERY	130	15-Oct-02	42.4	1.9835	84.1004				
360410088	THOUSAND SPRINGS HATCHERY	130	16-Oct-02	42.4	1.9835	84.1004				
360410088	THOUSAND SPRINGS HATCHERY	130	17-Oct-02	42.4	1.9835	84.1004				
360410088	THOUSAND SPRINGS HATCHERY	130	18-Oct-02	39.7	1.9835	78.74495				
360410088	THOUSAND SPRINGS HATCHERY	130	19-Oct-02	39.7	1.9835	78.74495				
360410088	THOUSAND SPRINGS HATCHERY	130	20-Oct-02	39.7	1.9835	78.74495				
360410088	THOUSAND SPRINGS HATCHERY	130	21-Oct-02	39.7	1.9835	78.74495				
360410088	THOUSAND SPRINGS HATCHERY	130	22-Oct-02	39.7	1.9835	78.74495				
360410088	THOUSAND SPRINGS HATCHERY	130	23-Oct-02	39.7	1.9835	78.74495				
360410088	THOUSAND SPRINGS HATCHERY	130	24-Oct-02	39.2	1.9835	77.7532				
360410088	THOUSAND SPRINGS HATCHERY	130	25-Oct-02	39.2	1.9835	77.7532				
360410088	THOUSAND SPRINGS HATCHERY	130	26-Oct-02	39.2	1.9835	77.7532				
360410088	THOUSAND SPRINGS HATCHERY	130	27-Oct-02	39.2	1.9835	77.7532				
360410088	THOUSAND SPRINGS HATCHERY	130	28-Oct-02	40.6	1.9835	80.5301				
360410088	THOUSAND SPRINGS HATCHERY	130	29-Oct-02	40.6	1.9835	80.5301				
360410088	THOUSAND SPRINGS HATCHERY	130	30-Oct-02	40.6	1.9835	80.5301				
360410088	THOUSAND SPRINGS HATCHERY	130	31-Oct-02	40.6	1.9835	80.5301				
360410088	THOUSAND SPRINGS HATCHERY	130	01-Nov-02	40.6	1.9835	80.5301				
360410088	THOUSAND SPRINGS HATCHERY	130	02-Nov-02	40.6	1.9835	80.5301				
360410088	THOUSAND SPRINGS HATCHERY	130	03-Nov-02	40.6	1.9835	80.5301				
360410088	THOUSAND SPRINGS HATCHERY	130	04-Nov-02	42.4	1.9835	84.1004				

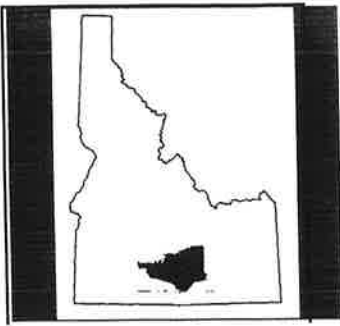
36-8299 Blind Canyon Aqua Ranch

HydrologyID	DiversionName	Stric	DiversionDate	Discharge						
360410088	THOUSAND SPRINGS HATCHERY	130	05-Nov-02	42.4	1.9835	84.1004				
360410088	THOUSAND SPRINGS HATCHERY	130	06-Nov-02	42.4	1.9835	84.1004				
360410088	THOUSAND SPRINGS HATCHERY	130	07-Nov-02	42.4	1.9835	84.1004				
360410088	THOUSAND SPRINGS HATCHERY	130	08-Nov-02	42.4	1.9835	84.1004				
360410088	THOUSAND SPRINGS HATCHERY	130	09-Nov-02	42.4	1.9835	84.1004				
360410088	THOUSAND SPRINGS HATCHERY	130	10-Nov-02	42.4	1.9835	84.1004				
360410088	THOUSAND SPRINGS HATCHERY	130	11-Nov-02	40.6	1.9835	80.5301				
360410088	THOUSAND SPRINGS HATCHERY	130	12-Nov-02	40.6	1.9835	80.5301				
360410088	THOUSAND SPRINGS HATCHERY	130	13-Nov-02	39.7	1.9835	78.74495				
360410088	THOUSAND SPRINGS HATCHERY	130	14-Nov-02	39.7	1.9835	78.74495				
360410088	THOUSAND SPRINGS HATCHERY	130	15-Nov-02	39.7	1.9835	78.74495				
360410088	THOUSAND SPRINGS HATCHERY	130	16-Nov-02	39.7	1.9835	78.74495				
360410088	THOUSAND SPRINGS HATCHERY	130	17-Nov-02	39.7	1.9835	78.74495				
360410088	THOUSAND SPRINGS HATCHERY	130	18-Nov-02	39.7	1.9835	78.74495				
360410088	THOUSAND SPRINGS HATCHERY	130	19-Nov-02	39.7	1.9835	78.74495				
360410088	THOUSAND SPRINGS HATCHERY	130	20-Nov-02	39.7	1.9835	78.74495				
360410088	THOUSAND SPRINGS HATCHERY	130	21-Nov-02	39.2	1.9835	77.7532				
360410088	THOUSAND SPRINGS HATCHERY	130	22-Nov-02	39.2	1.9835	77.7532				
360410088	THOUSAND SPRINGS HATCHERY	130	23-Nov-02	39.2	1.9835	77.7532				
360410088	THOUSAND SPRINGS HATCHERY	130	24-Nov-02	39.2	1.9835	77.7532				
360410088	THOUSAND SPRINGS HATCHERY	130	25-Nov-02	39.2	1.9835	77.7532				
360410088	THOUSAND SPRINGS HATCHERY	130	26-Nov-02	39.2	1.9835	77.7532				
360410088	THOUSAND SPRINGS HATCHERY	130	27-Nov-02	39.2	1.9835	77.7532				
360410088	THOUSAND SPRINGS HATCHERY	130	28-Nov-02	39.2	1.9835	77.7532				
360410088	THOUSAND SPRINGS HATCHERY	130	29-Nov-02	39.2	1.9835	77.7532				
360410088	THOUSAND SPRINGS HATCHERY	130	30-Nov-02	39.2	1.9835	77.7532				
360410088	THOUSAND SPRINGS HATCHERY	130	01-Dec-02	39.2	1.9835	77.7532				
360410088	THOUSAND SPRINGS HATCHERY	130	02-Dec-02	39.2	1.9835	77.7532				
360410088	THOUSAND SPRINGS HATCHERY	130	03-Dec-02	39.2	1.9835	77.7532				
360410088	THOUSAND SPRINGS HATCHERY	130	04-Dec-02	39.2	1.9835	77.7532				
360410088	THOUSAND SPRINGS HATCHERY	130	05-Dec-02	39.2	1.9835	77.7532				
360410088	THOUSAND SPRINGS HATCHERY	130	06-Dec-02	39.2	1.9835	77.7532				
360410088	THOUSAND SPRINGS HATCHERY	130	07-Dec-02	39.2	1.9835	77.7532				
360410088	THOUSAND SPRINGS HATCHERY	130	08-Dec-02	39.2	1.9835	77.7532				
360410088	THOUSAND SPRINGS HATCHERY	130	09-Dec-02	39.2	1.9835	77.7532				
360410088	THOUSAND SPRINGS HATCHERY	130	10-Dec-02	39.2	1.9835	77.7532				
360410088	THOUSAND SPRINGS HATCHERY	130	11-Dec-02	39.2	1.9835	77.7532				
360410088	THOUSAND SPRINGS HATCHERY	130	12-Dec-02	39.2	1.9835	77.7532				
360410088	THOUSAND SPRINGS HATCHERY	130	13-Dec-02	39.2	1.9835	77.7532				
360410088	THOUSAND SPRINGS HATCHERY	130	14-Dec-02	39.2	1.9835	77.7532				
360410088	THOUSAND SPRINGS HATCHERY	130	15-Dec-02	39.2	1.9835	77.7532				
360410088	THOUSAND SPRINGS HATCHERY	130	16-Dec-02	39.2	1.9835	77.7532				
360410088	THOUSAND SPRINGS HATCHERY	130	17-Dec-02	39.2	1.9835	77.7532				
360410088	THOUSAND SPRINGS HATCHERY	130	18-Dec-02	39.7	1.9835	78.74495				

36-8299 Blind Canyon Aqua Ranch

HydrologyID	DiversionName	stric	DiversionDate	Discharge						
360410088	THOUSAND SPRINGS HATCHERY	130	19-Dec-02	39.7	1.9835	78.74495				
360410088	THOUSAND SPRINGS HATCHERY	130	20-Dec-02	39.7	1.9835	78.74495				
360410088	THOUSAND SPRINGS HATCHERY	130	21-Dec-02	39.7	1.9835	78.74495				
360410088	THOUSAND SPRINGS HATCHERY	130	22-Dec-02	39.7	1.9835	78.74495				
360410088	THOUSAND SPRINGS HATCHERY	130	23-Dec-02	39.7	1.9835	78.74495				
360410088	THOUSAND SPRINGS HATCHERY	130	24-Dec-02	39.7	1.9835	78.74495				
360410088	THOUSAND SPRINGS HATCHERY	130	25-Dec-02	39.7	1.9835	78.74495				
360410088	THOUSAND SPRINGS HATCHERY	130	26-Dec-02	39.7	1.9835	78.74495				
360410088	THOUSAND SPRINGS HATCHERY	130	27-Dec-02	39.7	1.9835	78.74495				
360410088	THOUSAND SPRINGS HATCHERY	130	28-Dec-02	39.7	1.9835	78.74495				
360410088	THOUSAND SPRINGS HATCHERY	130	29-Dec-02	39.7	1.9835	78.74495				
360410088	THOUSAND SPRINGS HATCHERY	130	30-Dec-02	38.1	1.9835	75.57135				
360410088	THOUSAND SPRINGS HATCHERY	130	31-Dec-02	38.1	1.9835	75.57135	23782.44 Acre Feet Volume 2002			

36-8299 Blind Canyon Aqua Ranch



STATE OF IDAHO
WATER DISTRICT 130
C/O IDAHO DEPARTMENT OF WATER RESOURCES
1341 FILLMORE ST STE 200
TWIN FALLS ID 83301-3380
TELEPHONE NUMBER (208) 736-3033

IDWR DIRECTOR
KARL J. DREHER

March 16, 2004

GARY LEMMON
BLIND CANYON AQUA RANCH
2775 S 1050 E
HAGERMAN ID 83332

RE: Water Right No. 36-8299

Dear Gary:

Blind Canyon Aqua Ranch was included in a mailing of a Notice of Curtailment dated February 26, 2004. This notice was sent in compliance with an Order issued by the Department of Water Resources on February 25, 2004, in the matter of distribution of water to a water right within Water District No. 130 with a date of priority of 7/13/1962. The notice was sent to holders of junior priority ground water rights with points of diversion which are within the boundaries of Water District No. 130.

The above water right permit held by the Blind Canyon Aqua Ranch, authorizes appropriations from a ground water source with date of priority 10/18/2001. However, this permit does not allow construction of a well, and was issued for additional development of a source locally known as Ten Springs. Water use under this permit is entirely nonconsumptive, and will not be subject to curtailment pursuant to IDWR's February 25, 2004 Order.

Please contact me if you have any questions.

Regards,

Cindy Yenter
Watermaster
Water District 130

cc: Tim Luke and Glen Saxton, IDWR

Watermaster Letter, 2004
36-8299 Blind Canyon Aqua Ranch