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FEB 29 2012

DEPT. OF WATER RESOURCES
SOUTHERN REGION

Water Master Report
2011 Water Season

Water District 45A
Basin Creeks
Oakley, Idaho

Brian Higgs, Water Master
Telephone: 208-604-1280

*Jaxon Higgs, Brian's son, will be sending you a portion of the Water Master report. He assisted Brian with some turns.

*Jaxon's address is 6330 W. 33rd S., Idaho Falls, ID 83402. His telephone number is: 208-604-1281

7/28/11

- 0840 - meas 0.42' @ 5.50 cfs. @ Justonsa weir. (upper).
0.26% of Total = $\frac{4.07}{3.46}$ cfs over weir @ 0.34' over weir.
- 0903 - At Hawker weir. Removed debris set by Jax yesterday.
Hawker 2nd mill gets 1.7 cfs or 0.31' over weir.
Set @ 0.31' over Hawker weir.
- 0932 @ Bedke Spring
Zallinger off
Bedke @ 0.12 4' weir
Martin @ 0.12 3' weir

7/29/11

- 0525 - Closed headgate @ Summit Creek. Water now going into pipe line.
- 0816 - Cleaned, oiled, greased, backflushed the River Station.
Screen functioning mostly properly. White screen jumping occasionally. Meters functioning.

8/3/11

6

1412 - E = 7,400.29 AF
M = 6,974.59 AF
W = 6,417.95 AF

7/2/11

6510.29 = 890
6111.69 = 862.90
5609.77 = 808.18

2561.08

8/4/11

0526 - Opened Summit Creek to Hawker.

0559 - Wybenga 1295.59 AF

1645 gpm

⊖

3536 @ 0606

0606 - Patterson 1646.79 AF

3250 gpm

~~3224~~ @ surging

0613 - BSS 1207.10 AF

1350 gpm

1555 @ 0613

Cranney @ BSS 193.78 AF

⊖

⊖

0621 - Cranney 511.12 AF

3200 gpm

3340 @ 0616

0629 - Baker 1002.21 AF

1055 gpm

1000 @ 0626

0633 - Pickett - DEAD

0637 - Beck 2788.41 AF

2600 gpm

2553 @ 0637

0644 - BSN 548.60 AF

660 gpm

683 @ 0637

0645 - Hepworth 879.47 AF

1280 gpm

1247 @ 0646

0651 - Anderson 2329.70 AF

990 gpm

1015 @ 0646

0656 - Aardema 4222.50 AF

1735 gpm

3220 @ 0656

0700 - Alliance 166.49 AF

900 gpm

858 @ 0654

0704 - Aardema N 150.52 AF

2145 gpm

⊖

8/5/11

$$\begin{array}{r} .28 \\ .35 \\ \hline 28 \\ 84 \\ \hline 868 \end{array}$$

$$\begin{array}{r} 8.24 \\ .31 \\ \hline 824 \\ 2472 \\ \hline 25544 \text{ cfs} \end{array}$$

0610 - B. Bedke 0.40' & 3.56 cfs } on arrival Zollinger off.
Martin 0.40' 2.41 cfs

2nd Spring is 48% ∴ It is already set.

0654 - 0.55' over 6' weir @ Fairchild/Hawker 2nd Mill or 8.24 cfs
Hawker now gets 31% or 2.55 cfs which is 0.4' on 3' Hawker
new blue weir.

Re-do = 0.055' over 6' weir = 0.28 cfs.

31% = 0.087 or 0.045' on 3' blue weir.

Placed 6' board in Fairchild weir. Now 0.045' over blue Hawker.

0734 - Closed Bedke 2nd Mill but it leaks like hell.

0800 - Beck's Pond is full and water is spilling over their weir in the
flood channel. He was @ 3,000 gpm. Turned him down to the
mark.

8/6/11

- 0816 - Closed headgate to Spearin/Marchant out ^{to} Mill Creek behind Craig Smith's house. All flow is in the Main Channel.
- 0838 - When I arrived @ Hawker/Fairchild weir the board had tipped over and was doing no good. I tipped it back up and placed a rock on it so it would stay.
- 0845 - Measured 0.08' over Hawker Blue Weir. Unsure if upper water has reached here or not.
- 1454 - Oiled, backflushed, cleaned, etc.
- | | |
|----------------|----------|
| E - 7486.15 AF | 6950 gpm |
| M - 7059.95 AF | 6670 gpm |
| W - 6499.61 AF | 6480 gpm |
- 1512 - All 9 boosters are running, 18psi suction.
- 1522 - Ardema 3900 gpm - Sky - 5352 gpm.

8/8/11

0805 - At 2nd Mill behind Craig Smith's house.

0.25' over weir or 2.53 cfs.

∴ Mauchant gets 0.78 cfs. or $2.53 - 0.78 = 1.75$ or There should be 0.2' over weir after opening Mauchant.

0811 - Done exactly.

0832 - Went to shut off Fairchild but the board was already in the weir.

1311 - Turned summit creek to K. Wells.

1713 - Oiled, greased, backfired etc @ River. Also This a.m. @ 0545.

8/24/11

- 1300 - Cleaned out the River Station & etc. Booster running 1-9 @ 11 psi suction.
1917 - Opened headgate to Hawker on Summit Creek.

8/25/11

- 0702 - Turned off Hawker 2nd Mill. Met Ryan Hawker & he said when it is his turn on 2nd Mill give him Warm Springs too. It is the valve we walk past.
0811 - Turned Patterson down from 4,000 to 3,700 gpm.
0826 - Ardema reading 3,900 gpm.

8/26/11

- 0825 - Closed Spearin, Marchant, Zollinger 1st Mill headgate.
0919 - Opened Hawker 1st Mill (Blue Weir) opened Warm Springs to main channel for Marchant 2nd Mill.

8/29/11

- 0726 - K Wells called last night said he would make the Summit Creek change @ 5:00 this a.m. Eugene said he has not been taking Zollinger water so I came to ensure Bedke has 2nd Spring. He does.
1620 - Cleaned, etc., River.

8/22/11

1234 - Came to turn on Matthews 1st Spring. He gets 52%. However, this was already set the other day when I put 48% to Zellinger & Bedke a couple days later.

8/23/11

0727 - Turned off Bedke Mill & blw church. Opened Hawker headgate on Mill (blue weir).

2052 - Turned Baker down from 1830 to 1700.
Baker 1137.58 AF.

2101 - Rickett off No display on meter.

Beck's @ 1350. Opened valve to 2 psi.

2106 - Cranney's @ 3 psi suction. 3,650 gpm. 1083.01 AF
Turned Cranney down to 3,520 gpm.

2115 - BSS 1295.23 AF 1,200 gpm 36 psi suction. Down to 1,150 gpm.

2125 - Wykenga. 1,439.27 AF 1820 gpm. Turned down to 1,720 gpm.

2129 - Patterson 1,988.81 AF 3,750 gpm. Turned down to 3,470 gpm.

2145 - Beck @ 2,100 gpm.

8/19/2011

- 0515 - @ 0500 I opened the headgate to C. Smith. He should get 48% 1st Spring. However, There is absolutely no possible way to meas 48% because flow is going under the weir in the main channel. So I guessed.
- 1236 - Closed Patterson down to 3,600. Opened Beck to 2 psi.
- 1330 - Beck Flushed, goosed, cleared, etc.

8/20/11

- 0856 - #8 booster switch has been in the off position. I just noticed it and turned it to auto. It came on & #1 ramped down. 16 psi suction.
- 0941 - River Beck Flushed, etc. only pumping 18,000. Ermillio complain a couple days ago about 2 wells down but still he is only taking $\approx 1,200$ gpm. I called him & said he could take another 200". #5 @ river off.
- 1005 - In anticipation of BSS taking more water I turned Grammy booster up to 50 psi. Beck's pond is ~~so~~ full to overflowing.

8/21/11

- 0618 - Changed flow from Zollinger to Becke. Closed gate in pipeline, removed board from middle weir.
- 1207 - Opened Goringe pipeline. There was 0.20' over main channel weir before I opened the headgate. It is automatic %.

8/17/11

0900 - I went to the Basin. Walked around in the weeds for 45 min looking for a valve. Couldn't find it. Called Jax + Ryan Hawke. They said to turn some valves. Sheesh. Left Basin to do something I know how to do.

8/18/11

1829 - 0.25' over weir to Matthews. Opened i.e. took out the boards to the main Spring Creek Channel.

1833 - 0.15' going each way - 0.15' in main channel. 0.15' to Matthews.

1845 - Dammed the narrow neck @ lower Zolinger to get him the flow. Headgate to Bedke washed under.

1913 - Arrived @ Summit Cr. Water already going to Wells. He met me there and said we missed the Hawker turn 4 days ago. The people on the corner have been running it all week. So I touched nothing. Oops. Sorry Hawker.

2020 - Backflushed, etc. Pipeline

9/10/11

- 0732 - Opened Hawker 2nd Mill headgate. Warm Springs valve was already going to Hawker. Closed Bedke valve back to main Mill Creek channel.
- 0909 - Cleaned, oiled, backflushed, etc, River Station.
- 0923 - After backflushing, a few minutes, #5 turned off & system maintained 110+lbs. All 9 boosters are still running & meters total 20,500+gpm. Increase in reading after I cleaned the contacts.

9/12/11

- 0717 - Closed Hawker 2nd Mill headgate and turned Warm Springs valve to Basil.

9/13/11

- 0747 - Bedke/Marchant 2nd Mill headgate was open on arrival.
- 0800 - Closed Zollinger 2nd Spring a small amount because Engauge has his well on & it dumps in below the Spring Creek headgate. There is no measurement possibility @ 2nd Spring Zollinger, Martin, etc. Zollinger is a submerged headgate.
- 0821 - Turned Warm Springs into the main channel to go to Marchant 2nd Mill.

9/6/11

0620 - Pulled boards from Bedke 2nd Spring & closed Zollinger.

0706 - Opened C. Smith headgate above his house. Auto 9/0.

9/8/11

1051 - W = 7390.88 AF

M = 8000.33 AF

E = 8453.80 AF

Checked oil. Cleaned contacts on meters. Appears to have upped the readings.

1300 - Closed Hawker headgate @ Summit. Diversion now to Wells.

1358 - Wyfenga 1530.12 AF 1,450 gpm

1401 - Patterson 2216.49 AF 3,200 gpm

1406 - BSS 1371.94 AF 1,070 gpm

1407 - Cramsey @ BSS 193.78 AF 0

1419 - Cramsey 1292.67 AF 3,000 gpm

1426 - Baker 1244.52 AF 1,380 gpm

1432 - Pickett 48.70 AF 665 gpm

1435 - Beck 3114.37 AF 1,900 gpm

1441 - Hepworth 1041.27 AF 885 gpm

1442 - BSN 621.51 AF 275 gpm

1448 - Anderson 2565.48 AF 1280 gpm

1451 - Aardema 4651.87 AF 1675 gpm

1455 - Allrance 298.27 AF 750 gpm

1458 - Aardema N 279.80 AF 1200 gpm

9/3/11

- 0715 - closed Hawker 2nd Mill headgate. Turned Warm Springs valve from Hawker to nearby pond but opened valve to dump Warm Springs into the main channel. I hope that is where Basil takes his water.
- 0758 - Beck's pond is FULL.
- 0844 - Oiled river pumps. Did not backflush. Doesn't need it.
- 1747 - Opened Zollinger headgate. Dammed channel with board.

9/04/11

- 0500 - opened Hawker headgate on Summit Creek.
- 1015 - Headgate to Marchant 2nd Mill is already open. I had a flat so that is why I'm late to here. It is Sunday too.

9/05/11

- 0809 - Opened Hawker headgate abv blue weir and added warm springs to it by turning pipeline valve.
- 0825 - Turned off Spearman behind Craig's house.

9/1/11

0717 - The headgate to Hunter 2nd Mill (Blue weir) was already open. I turned the valve to point to Hunter's pond then closed valve sending water back to main channel. This is Hunter 2nd Mill turn off Becke.

0751 - Wybenga	1480.85 AF	1700 gpm	Broken
0754 - Patterson	2112.80 AF	3100 gpm	3078
0759 - Cranney @ BSS	193.78 AF	0	0
0800 - BSS	1337.61 AF	1085 gpm	1262
0805 - Cranney	1192.00 AF	2825 gpm	2822
0809 - Beck	3,047.71 AF	2,350 gpm	2329
0813 - Pickett	No Display		
0815 - Baker	1196.05 AF	1700 gpm	1628
0823 - Hepworth	1013.06 AF	540 gpm	490
0824 - BSN	606.14 AF	645 gpm	683
0830 - Anderson	2509.08 AF	1880 gpm	1913
0833 - Ardema	4535.75 AF	4170 gpm	4575
0836 - Allrance	271.03 AF	915 gpm	883
0840 - Ardema N	268.97 AF	274 gpm	95118
0844 - Booster station 1-9 running	- All Good.		
0853 - E -	8241.12 AF	6725 gpm	
M -	7788.91 AF	6950 gpm	
W -	7194.00 AF	6320 gpm	
0926 - Backflushed, oiled, etc.			

9/24/11

1920 - Opened Martin & shut off Bedke 2nd Spring Gate due to the pipeline.

9/25/11

0833 - opened headgate to Hawker Blue weir and turned valve of Warm Spring to Hawker Pond. Also shut Warm Spring valve to main channel. Last night I had a flat so Ryan Hunter made the Summit charge @ 1930.

0848 - Closed Spearman/Marchant behind Craig's house.

9/27/11

1144 - Closed Smith 1st Spring.

1750 - Eugene called and said he would make the 1800 charge.

9/28/11

0729 - Closed Bedke 2nd Mill. Hawker was already open.

	W	M	E
all 9/28	8018.16	8616.74	9125.74
	<u>7194.00</u>	<u>7788.91</u>	<u>8241.12</u>
	824.16	827.83	884.62

= 2,536.61 AF Sept.
= 84.55 AF/D.

9/14/11

0708 - Closed Zollinger 2nd Spring. Some water is leaking under Bedke headgate approximately equal to 2nd Spring percentage @ the above weir. Eugene's well is still running.

9/19/11

1802 - Opened Zollinger 2nd Spring. Closed Martin. Matthews is not pumping his well.
1820 - T Smith is already closed.

9/22/11

0707 - Split 48% of 1st Spring to Bedkenr canal. Configuration of boards difficult. Closed Zollinger b/w Canal & opened Bedke.

0729 - Marchant behind Craig's house was already open.

0737 - Did not turn Warm Springs back into main channel. Did not look to see where Warm Springs was going.

30
- 3.5/12
- 14/12

