

MAR 18 2014

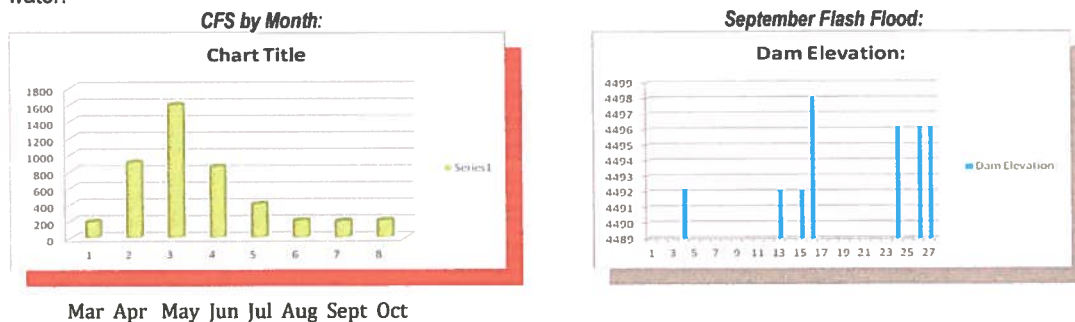
DEPT. OF WATER RESOURCES
SOUTHERN REGION**MARSH CREEK WATER DISTRICT 45F**

February 7, 2014

Water Master's 2013
ANNUAL REPORT

I would like to thank all of the Water District Members for the overall cooperation on the call of water during this last irrigation season. I believe in most cases that we did work as a team when it counted. Marsh Creek Water District members were all paid this last year.

It was a very unusual irrigation season. We went into our 2nd year of drought. The moisture in the mountains really did not have the moisture that the majority of people thought they had. As this graph below shows, April through the 1st half of June was where half of our Users had water and the last half of June the majority had been pulled off of surface water.



In Sept 12-14 we had a Flashflood that took place within a 1 mile radius, confines at the Narrows that brought the Reservoir from 4492'.0750" in elevation to 4498'.0075" and by the end of Sept the Reservoir was back down to 4496'.03" (1'.9775") an average drawdown release of 4.10cfs (205 inches) to Six S Main Ranch below which their 2nd and 3rd right is 5.2cfs

Note: The Rock Dam Reservoir for Six S Ranch storage right had almost been completely used, and the reservoir as empty as it was (since it had been put into operation), the flashflood was completely contained at the reservoir. Therefore, Six S Ranch did not realize any of the tremendous pressure or volume of water flow to the ponds or flooding below. Damage and repairs of roads around the reservoir were at a minimum and the 6 foot Narrows weir had to be filled in with rock and dirt along with some areas of road around the reservoir.

I was able to start turning water back to the upper valley rights. It will be noted that Howell Creek was the Primary creek maintaining a higher flow than the other two creeks (Marsh and Land Creeks).

Summit Creek that normally extends the upper Users water on Howell Creek by helping those Users on Howell Creek below 1000 south was not available into the season this year along with Antone-Pine Creeks that were completely off by the 15 of July.

We utilized a total of 4584.75cfs verses the projected 2013 billing of 6904.06cfs. The Water District fell short by 2319.31cfs.

City of Albion, central distributing diversion off of Vaughn Ditch Lateral (located on Six S Merrill Ranch) to the cities central point of distribution (piped) to both the city of Albion and the Albion Heritage Group LLC (known as the Campus) delivering the full 1.35cfs. Cities call of .91cfs and .44cfs to Campus. It will be noted also, a POD/POU transfer was approved for a portion of the City of Albion's .91cfs to be used only during regular flow of Marsh Creek. When creek has been diverted to Vaughn Lateral the transfer does not prevail.

I am requesting as your current Water Master some action from this delegation today on the following items:

Most of the decreed surface users have resolved their problems with their delivery systems which have been implemented.

- Some weirs that were implemented need additional work done to them and maintained with maintenance and cleaning of surface growth..
- We still have a few diversion and measuring devices that are not inline legally, who have yet to adhere or comply to the water districts request in the extension given by the board in our last few meetings. (Anton-Pine has yet to comply at POD's with weirs, head-gates and staff gauges.
- Starrh Ditch lateral has yet to apply a diversion head-gate and weir with a staff gage at the Eldon-Meyer diversion. Also, the 9" Parshall Flume needs to be repaired (balanced both horizontal & vertical) in order to get a proper reading.

We need those diversions corrected so delivery of water can be measured correctly and not estimated. Those individuals not in compliance will be sent a personal request.

As your Watermaster, again Feb. 6, 2014, I placed Earl Warthen's name in for nomination to represent MCWD45F at all meetings with Water District 140, dealing in the Ground Water Exercise, Shawn Burton Maintenance Mgr. City of Albion, as alternate. They were approved.

Additional Action Items:

THE WATER DISTRICT currently has two water transfers in motion, One (1) is currently in protest and the other has yet to be published which will directly involve the Starrh Ditch Lateral, decreasing total CFS that has been currently released in the previous years.

- There is a new weir on at the Cities approved POD on Marsh Creek which will need to be GPS by the IDWR and at the same time I will be requesting additional POD's to be GPS.
- Users Discussion on First Right allocation and rotation of Vaughn Ditch

We need a clarification from the Watermaster of 140 as to the specific type of Flow-meter that is required for the deep wells. I am still receiving inquiries from Deep Well users the type of flow-meter to best measure an inline flow on a closed system (surface).

- The members of the Water District 45F to continue with considering using the Water District No. 140 staff in certifying the wells. Still under consideration is the reading and posting data, generating annual reports for the state by the Water master of 45F, thus eliminating excessive undue cost. The Watermaster of 45F would not be charging the \$55.00 hourly rate that Water District No. 140 would charge.

Notice of Change in Water Right Ownership/ and Water Transfers: Individual's who purchase property need to get their water right transfers and property deeds inline and registered with Idaho Department of Water Resources. The new property, owners need to be recorded within 90 days!

The Legal Pump Diversions in creek's:

- The Water District did indicate through Allen Merritt's ruling that if the water right is down to a portion of the right and it has to go to the next in line, it is shut off regardless. If an individual persists to use a pump then there shall be a monitor required instead of guessing on usage. The following are some options that **SHALL** be implemented.
 - 'ABB C-700 Water Meters vary from the Minimum of ¼ GPM to 25 GPM maximum (3/4"size) to a 1" to 2" sizes that will deal in GPM from ¾ to 2 and max out respectively 25 to 50 GPM. See me for more information.

Respectively submitted by;
Don G. Gunderson, Watermaster
Marsh Creek Water District 45F

Cc: Advisory Board Member's:
Jeff Chatburn, Leroy Robinson
Pat McCammon, David Bell, Sec/Finance
Water District Member's 45F (30 copies (On request))