

**Minutes of the Regular Meeting of the Alleghany County Water District Board of Directors
Tuesday, April 11, 2017 Alleghany Firehouse, 105 Plaza Court Alleghany**

1. Call to Order & Establish a Quorum The meeting was called to order by President Mehrmann at 6:06 pm. Present were Directors: Tobyn Mehrmann, Rae Bell Arbogast, & Madeleine Hamb as well as Water Distribution Assistant Edward Snyder. Director Robbin DeWeese & Water Treatment Operator Bruce Coons arrived late. Oregon Burns Tenney was absent as was Secretary Baker. Public present: Vickie Tenney & Joshua Gwaizda

2. Consent Calendar It was requested that the consent calendar items be taken one at a time.

a. There was one correction to the agenda under item #7, the name of the May 13th Workshop was incorrect. It should have stated Ethics and Sexual Harassment Prevention Training. **A motion to approve the Agenda as corrected was made by Rae Bell, Madeleine seconded. Ayes: Arbogast, Hamb, Mehrmann Nayes: 0. Absent: DeWeese, Tenney Abstain: 0 Vacant: 0. Motion Passed**

b. The February minutes were not included in the packets in advance, so everybody took time to read them. A few typos were noted and there was one correction to the Library Report. **A motion to approve the Minutes as corrected was made by Rae Bell, Madeleine seconded. Ayes: Arbogast, Hamb, Mehrmann Nayes: 0. Absent: DeWeese, Tenney, Abstain: 0 Vacant: 0. Motion Passed**

c. A typo was noted on the treasurer's report and a request was made that the word "etc." not be used to describe expenditures. **A motion to approve the Treasurer's report as corrected was made by Madeleine, Rae Bell seconded. Ayes: Arbogast, Hamb, Mehrmann Nayes: 0. Absent: DeWeese, Tenney Abstain: 0 Vacant: 0. Motion Passed**

During discussion of the treasurer's report there was also a discussion of an insurance bill that was due April 1st. (See attached addendum to GM report for details). **A motion to approve payment of the insurance bill was made by Madeleine, Rae Bell seconded. Ayes: Arbogast, Hamb, Mehrmann Nayes: 0. Absent: DeWeese, Tenney Abstain: 0 Vacant: 0. Motion Passed**

A motion to approve borrowing funds from the non-enterprise account if needed to avoid a minimum bank balance fee with the payment of the insurance bill was made by Madeleine, Tobyn seconded. Ayes: Arbogast, DeWeese, Hamb, Mehrmann Nayes: 0. Absent: Tenney Abstain: 0 Vacant: 0. Motion Passed

3. Public Response Time Josh Gwaizda asked if anybody had signed up for the Lead and Copper tests as offered in the last customer update. The answer was "no". He stated that he would like to have both of his houses tested but not necessarily in the same year if other people were interested.

4. Information/Discussion Items

a. Correspondence Incoming: US Census Bureau Voluntary survey of Public Employment and Payroll (because it is voluntary it was not filled out), note from a customer asking why our rates are so high, signed copy of revised funding agreement from the State. **Outgoing:** Form 700s sent to Sierra County Clerk recorder, Statement of Facts sent to Calif. Secretary of State for new ACWD President (This is supposed to be filed within 10 days of any changes to the officers or directors); response to customer's note explaining why the rates are at the level they are with back-up documentation included. Thank you letter to Sierra Metal Fabricators for modifying the payment box and making a post for it. Customer update and Consumer Confidence Report (CCR) mailed to all customers. CCR certification sent to the state.

b. Water Test Results: Not received in time for the meeting.

c. Board Member or Special Committee Reports: None

d. Staff Reports: A written General Manager's report is attached to these minutes. As a follow-up it was reported that according to the insurance company our current insurance coverage does include criminal acts which takes care of the bonding requirement that was mentioned at the Budget Workshop.

A written Water Treatment Operator's report is also attached to these minutes.

e. Historical Church/Library Report: Dan Linn donated 5 boxes of books to the library.

f. Park Report: The flag needs to be replaced. The old one was tattered and was taken down.

g. SRF projects update: Report attached to these minutes. Additionally it was reported that on April 10th the Water Tank Replacement Application got the "stamp of approval" from the Funding Division. It will still take 2 to 3 months for the Funding Agreement to be finalized.

5. Unfinished Business

a. Customer Accounts/Billings/Disconnects: Four 10-day notices were mailed on March 15th all paid.

b. Ordinances Policies and Procedures Covered in written General Manager's Report

c. Status of list of volunteer helpers: A request for volunteers was included in the recent Customer Update but nobody responded. Something should be posted on the bulletin board as well. Both Josh and Madeleine volunteered to be on the list.

d. Gate on Bucket Club driveway The board wants to make sure that they aren't setting any kind of precedent that would in any way restrict access in the future. Tobyn volunteered to research this.

6. New Business

a. Declare Vacancy: It was noted that Oregon Burns Tenney V (OB) has missed four regular meetings without notification. Per the district's by-laws the board may now declare his seat vacant as no written resignation was received. **A motion to declare a vacancy on the board was made by Madeleine, Rae Bell seconded. Ayes: Arbogast, DeWeese, Hamb, Mehrmann Nays: 0. Absent: Tenney Abstain: 0 Vacant: 0. Motion Passed**

It was noted that State Regulations require the vacancy be posted a minimum of 30 days and the vacancy must be filled within 60 days. The May regular meeting is less than 30 days away and the June regular meeting is more than 60 days away. The options are to either move the May regular meeting to a later date, the June regular meeting to an earlier date or schedule a special meeting. The directors decided by consensus to hold a special meeting on June 6th to fill the vacancy.

7. Next Regular meeting & Items for next agenda The next regular meeting is scheduled for May 9th at 6pm with a special meeting scheduled for June 6th at 6pm. Items for the next meeting agenda: Review/renew all staff contracts, preliminary budget.

There being no further business before the Board, the meeting was adjourned at: 7:03 p.m.

Minutes respectfully submitted

by Rae Bell Arbogast



Alleghany County Water District

P.O. Box 860, Alleghany, CA 95910 ~ alleghanywater@gmail.com ~ Phone 530-287-3204

~ Established March 8, 1939 ~

CERTIFICATE OF POSTING

I, Rae Bell Arbogast certify that the following document was posted on behalf of Alleghany County Water District, Sierra County California:

Agenda and meeting packet Regular Meeting, Meeting Date 4/11/17

In the following location(s):

Alleghany Post Office Bulletin Board (packets put in box for the public) and On the door of the Alleghany Firehouse (meeting location) 4/8/17 RA
Emailed to email list as well.

On 4/7/17 (date)

A copy of which is attached hereto and by reference made a part herof.

Signed under penalty of perjury: X



Rae Bell Arbogast

NOTICE

OF REGULAR MEETING OF THE BOARD OF DIRECTORS OF ALLEGHANY COUNTY WATER DISTRICT

Date: Tuesday April 11, 2017 Time: 6:00 pm

Location: Alleghany Firehouse 105 Plaza Ct. Alleghany

This agenda has been prepared and posted at least 72 hours prior to the regular meeting of the Board of Directors in accordance with the Ralph M. Brown Act. Agenda items are numbered for identification purposes only and will not necessarily be considered in the indicated order. Details and supporting materials concerning agenda items are available for public reference by calling 530-287-3204 or email: alleghanywater@gmail.com

1. Call to Order & Establish a Quorum

2. Consent Calendar

- a) Approval of the agenda
- b) Reading and approval of the minutes for the regular meeting dated March 14, 2017
- c) Approval of Treasury Report and bill payments for March 2017.

3. **Public Response Time** –The public may be heard before or during the consideration of any agenda item to be considered by the board, subject to reasonable time limitations for each speaker. Members of the public may address matters under the jurisdiction of the Board of Directors, and not on the posted agenda, provided that no action shall be taken by the board unless the matter is deemed urgent by a 2/3 vote.

4. Information/Discussion Items

- a) Correspondence
- b) Water Test Results (this will be included in WTO report moving forward)
- c) Board Member or Special Committee Reports
- d) Staff Reports
- e) Historical Church/Library Report
- f) Park Report
- g) SRF Projects Update (report attached)

5. Unfinished Business (Discussion & Possible Action Items):

- a) Customer Accounts/Billings/Disconnects Four 10-day notices mailed on March 15th, all paid.
- b) Ordinances, Policies & Procedures and Bylaws: See General Manager's report
- c) Status of list for on-call volunteer helpers.
- d) Gate on Bucket Club driveway

6. New Business (Discussion & Possible Action Items)

- a) Declare vacancy of Oregon Burns Tenney V's board seat

7. Next meeting date, Items for next Agenda & Adjournment. Next regular meeting, May 9th, 2017 Board roles and responsibilities workshop scheduled for Sat. May 13th 9 am in Pike.

Upon request, Agendas will be made available in alternative formats to accommodate persons with disabilities. Please make your request to District Secretary, P.O. Box 860, Alleghany CA 95910 specifying your disability and the format in which you would like to receive this Agenda and future Agendas as well.

Allegheny County Water District

MAIN ACCOUNT Beginning Balance **\$8,486.70**

Deposits

Date	From:	For:	Amount
3/10/17	SWRCB	Planning Project Deposit	\$ 85,160.15
3/14	Customers	Water	\$ 852.00
3/15/2017	Customers	Water	\$ 324.00
3/29	Customers	Water	\$ 1,658.18
3/31	Customers	Water	\$ 40.00
3/31	Customers	Water	\$ 300.00
Deposits Total			\$ 88,334.33

Expenditures

Ck #	Date	To:	For:	Amount
5116	3/7/17	AT&T VOID	VOID - Did not apply credit	
5117	3/7/17	B&C	Chlorine, electrical tape, etc. Supplies	\$ 66.78
5118	3/7/17	Brown's Gas Co.	Propane	\$ 371.28
5119	3/7/17	CA. Rural Water Asso.	Membership Dues	\$ 192.00
5120	3/7/17	Cranmer	Water Tests	\$ 56.00
5121	3/7/17	Ed Snyder	WDA Jan. + Feb. + Emerg. Leak Repair Feb.	\$ 552.00
5122	3/7/17	Edda Snyder	Bookkeeper February	\$ 100.00
5123	3/7/17	Ferguson Ent.	PVC Pipes & Fittings	\$ 314.99
5124	3/7/17	Grainger	Check Valve	\$ 113.44
5125	3/7/17	HACH	Chlorine	\$ 223.25
5126	3/7/17	AT&T	Oct - Jan Bill	\$ 94.01
5127	3/11/17	Affinity	Planning Project Engineering	\$ 17,841.00
5128	3/11/17	Altec	Planning Project Engineering	\$ 23,345.00
5129	3/11/17	NorthState Drilling	Planning Project Drilling	\$ 43,961.25
EFT	3/27/17	PG&E	Pumphouse	\$ 465.80
EFT	3/27/17	PG&E	Cumberland	\$ 21.02
1057	3/29/17	Bruce Coons	WTO - March Bill	\$ 421.33
			WTO Contract	\$ 250.00
			Mileage	\$ 81.33
			WTO Other Labor - reimbursed by 16 to 1	\$ 30.00
			Planning Project	\$ 60.00
Expenditures Total			\$ 88,139.15	

Ending Main Account Balance \$8,681.88

Amount on Loan from Non-enterprise acc. **(\$3,000)**

Enterprise-only fund balance \$5,681.88

NON-ENTERPRISE ACCOUNT Beginning Balance **\$ 10,961.39**

Deposits

Date	From:	For:	Amount
Deposits Total			\$ -

Expenditures

Ck #	Date	To:	For:	Amount
EFT	3/24/17	PG&E	Church	\$ 10.51
Expenditures Total			\$ 10.51	

Ending non-enterprise Account Balance \$ 10,950.88

Amount on Loan to Main acc. **\$ 3,000.00**

Non-enterprise fund balance \$ 13,950.88

Historical Church/Park Tracking

Historical Church START				PARK START				TOTAL
Date	Income	Expenses	Balance	Date	Income	Expenses	Balance	
July		\$ 9.86	\$ 9,031.85	July			\$ 2,386.87	\$ 11,418.72
August		\$ 9.85	\$ 9,022.00	August		\$ 187.04	\$ 2,199.83	\$ 11,221.83
September	\$ 1,500.00	\$ 10.58	\$ 10,511.42	September			\$ 2,199.83	\$ 12,711.25
October	\$ 1,620.00	\$ 9.54	\$ 12,121.88	October			\$ 2,199.83	\$ 14,321.71
November	\$ 896.00	\$ 1,225.74	\$ 11,792.14	November			\$ 2,199.83	\$ 13,991.97
December		\$ 10.87	\$ 11,781.27	December			\$ 2,199.83	\$ 13,981.10
January		\$ 10.18	\$ 11,771.09	January			\$ 2,199.83	\$ 13,970.92
February		\$ 9.53	\$ 11,761.56	February			\$ 2,199.83	\$ 13,961.39
March		\$ 10.51	\$ 11,751.05	March			\$ 2,199.83	\$ 13,950.88
April			\$ 11,751.05	April			\$ 2,199.83	
May			\$ 11,751.05	May			\$ 2,199.83	
June			\$ 11,751.05	June			\$ 2,199.83	
Hist. Church BALANCE			\$ 11,751.05	PARK BALANCE			\$ 2,199.83	\$ 13,950.88
						Loan to main acc		\$ (3,000.00)
						Actual Checking balance		\$ 10,950.88

March 2017

ACWD General Manager's Report

Lead and Copper Tests: On April 4th the day after the customer update was mailed, I got an email from Stephen Rooklidge explaining that if we conduct two Lead & Copper tests in one calendar year, we can switch to a three-year schedule. This will mean spending another approximately \$225 on water testing this fiscal year, but it will save the district approximately \$450 every three years. (Dollar figures based on the cost of the most recent test) Stephen said that if we can conduct a test before June 30th and then do one again in September he can get us switched to the 3 year cycle. So far, no customers have requested having their house tested as was offered in the Customer Update.

Payment Drop Box Jason White of Sierra Metal Fabricators finished the modification of the payment box and made a post for it. He did not charge anything! He brought it to Allegheny on March 31st. The best location for the box still needs to be determined. Pliocene Ridge CSD gave permission to put it on the firehouse parcel at the Plaza. The road dept. and fire dept. will help determine the exact placement. It will need to be installed when the weather is warmer.

Policies & Procedures (P&P)At the workshop on March 31st the instructor was of the opinion that our current procedure for approving routine bill payments is not adequate because the payments are approved by the board after the checks are written with the approval of the treasurer's report. I told her that my understanding was that the adoption of the budget by the Board of Directors provides authorization for management to pay the bills as long as a procedure is in place for management to approve the bill payments. She disagreed. I resolved to remedy the situation per her suggestion and started to research the issue.

I consulted our auditor who has districts that do it both ways and was not much help. I went into the document library on the CSDA website and looked at the accounting procedures used by several other special districts; most of them much larger than ours. They usually have an attorney review their P&Ps before they are adopted (something we cannot afford).

ALL of the districts that I looked at had a P&P in place that authorized management to pay the bills within the constraints of the adopted budget with board "ratification" of the individual checks after the fact. They all had specific constraints placed on the approval process (things like amounts over a certain dollar amount require prior board approval) I also put an inquiry on the CSDA list serve with responses from several PAID General Managers that confirmed my understanding. In other words: ALL of the special districts that I could find had an accounting procedure in place for the board to approve the list of payments AFTER the bills are paid, just like us.

That being said: after reading through the various bill payment procedures of other districts I can see where more detail and specific language should be added to our Policy #1.

It was also brought to our attention at the workshop that we should have a purchasing authorization policy in place. This is a high-priority and could be incorporated into the emergency response plan that we have started.

I am continuing my research for both policies and hope to have something drafted for the board to consider by next month.

Lastly, it was brought to our attention at the workshop that the person who handles the money for the district should be bonded. I made an inquiry with our insurance company about this. They checked to see if our current carrier provides bonds and they do not. They are still checking on it for us.

Addendum to General Manager's Report for meeting date 4/11/17

Foot in Mouth I re-read the report that I included in the meeting packets and realized that I was not very fair to either the auditor or Angela Wendele who taught our budget workshop with the P&P report. I should have explained that I did share the information about bill payment procedures with Angela and she thanked me. She said that there are often "differences of opinion" on these things and that she prefers to err on the side of caution.

As far as the auditor is concerned, my experience with them is that they have a very much "hands-off" approach when it comes to our Policies and Procedures and in fact they have us sign a letter as part of the audit each year stating that (to the effect of) ACWD understands it is our responsibility to put the appropriate accounting controls in place. This is because the auditors do not want to be responsible or liable for how we conduct business. They also tend to prefer to err on the side of caution.

In my opinion our life is easier and our vendors are happier if we can pay the bills as needed rather than waiting for a board meeting each month. Ultimately it is up to the entire board to adopt the procedures that we use. I can make recommendations but the entire board ALWAYS is the final decision maker for P&P adoption (among other things).

Money As some of you may or may not recall, our new insurance carrier is on a fiscal year that ends on March 31st of each year and their billing cycle is different than our old carrier's. This provides a perfect opportunity to explain how accrual accounting works and why it is a standard practice.

1. The first bill that we got from our insurance carrier last June was for the period from July 1, 2016 to March 31, 2017. It was for \$2,421.
2. The new bill is for \$3,410 and it covers the period from of April 1, 2017 through March 31, 2018.
3. If we were to post the new bill to this fiscal year our financial statements would show a total amount of \$5,831 in insurance expense for this year. (Workers comp not included and this is BEFORE the church insurance is taken out for simplicity sake)
4. However; our fiscal year ends on June 30th, so only three- months' worth; or ¼ of the new bill is for this year's insurance coverage. So if we were to put the whole bill to this year we would be overstating our insurance expense for this year by \$2, 557.50.
5. In order to keep the insurance expense accurate for this year we posted \$852.50 (25% of \$3,410) to insurance expense and the balance got posted to an asset account called "pre-paid expenses". Next fiscal year (starts July 1st) a journal entry will be made to move the \$2,557.50 from "pre-paid expenses" to insurance expense. (See balance sheet)
6. It is true that if the bills were all posted when they were paid next year's financial statements would be OK, because the bill that arrives next March would be for a whole year again. But this year's financial results would remain forever skewed.

I need to request the board's authorization to pay the new insurance bill for \$3,410 and have added it to the calendar to review our policy in January of each year. Technically the board is supposed to approve our insurance renewal each year, but this year it snuck up on me (partly because of the new schedule). We went ahead and printed the check for another signature since we really have no choice but to pay it.

Lastly, our next loan payment is due May 1st and we currently have \$4,860.71 in the main account (this is AFTER the check for the insurance came out). The loan payment is \$3,390 leaving just under \$1,500 in the main account which may or may not subject it to a monthly bank fee depending upon our bills and deposits for the rest of this month. I would like permission to transfer \$ from the non-enterprise account if needed to avoid bank charges. There is a good chance that it will not be necessary but \$10 saved is \$10 earned in my book.

Alleghany County Water District
Balance Sheet
 As of April 10, 2017

	Apr 10, 17
ASSETS	
Current Assets	
Checking/Savings	
1110 · Main - tri counties checking	4,860.71
1112 · Non-enterprise checking	10,950.88
Total Checking/Savings	15,811.59
Accounts Receivable	
1200 · Accounts Receivable	-0.77
1210 · Historical Church Receivable	3,000.00
Total Accounts Receivable	2,999.23
Other Current Assets	
1300 · Pre-Paid Expenses <i>Pre-paid insurance</i>	2,557.50
Total Other Current Assets	2,557.50
Total Current Assets	21,368.32
Fixed Assets	
1500 · Fixed Assets	
1505 · Land	101,000.00
1510 · Buildings	10,544.00
1515 · Water System	718,000.00
* 1550 · Construction in Progress	50,548.36
Total 1500 · Fixed Assets	880,092.36
1600 · Accumulated Depreciation	
1605 · Acc. Depreciation Buildings	-10,544.00
1610 · Accumulated Depreciation System	-584,667.00
Total 1600 · Accumulated Depreciation	-595,211.00
Total Fixed Assets	284,881.36
TOTAL ASSETS	306,249.68
LIABILITIES & EQUITY	
Liabilities	
Current Liabilities	
Other Current Liabilities	
2200 · Prepaid Customer Accounts	941.46
2300 · Payable to Historical Church	3,000.00
2400 · Current Portion Long Term Debt	6,232.08
Total Other Current Liabilities	10,173.54
Total Current Liabilities	10,173.54
Long Term Liabilities	
2910 · Loan USDA	6,232.08
2920 · Less Current Portion USDA Loan	-6,232.08
Total Long Term Liabilities	0.00
Total Liabilities	10,173.54
Equity	
3200 · Retained Earnings	44,978.88
3210 · Investment in Fixed Assets	267,667.00
3230 · Opening Balance Equity	-21,371.19
Net Income	4,801.45
Total Equity	296,076.14
TOTAL LIABILITIES & EQUITY	306,249.68

The well drilling expenses - will be adjusted out of this account after the well abandonment is completed.

**Alleghany County Water District
Water Treatment Operator Report
For meeting date April 11, 2017**

Water Test Results for April not received in time for meeting

Total Water Production for the month of March: 220,090 gallons

Flow into sump March Average 92 Gallons Per Minute (GPM)

1. Developed new spring between springs number 3 & 4. Designated it Spring 3 ½. Specific purpose for development is a Microscopic Particulate Analysis (MPA) test. (One to be conducted in the wet season and one in the dry season) This will help determine the amount of surface water infiltration taking place before the spring water hits the surface.
2. Did annual maintenance & deep cleaning of CL2 analyzer. Afterwards it failed to start up properly. Trouble shooting ongoing; have run self-diagnostics & trouble codes indicate ROM (not RAM) memory error. Need to calibrate with known standards and have ordered the needed supplies. In the meantime the CL2 residual readings are being done with a portable meter.
3. Turned the water back on at the cemetery and park.
4. Thanks to a donation of some cedar boards a new planter was built for the front of the pumphouse.

State Revolving Fund (SRF) Projects Update:

Below is the information that was included in the customer update mailed on April 3rd.

PLANNING PROJECT SYNOPSIS & UPDATE: So much time has lapsed since the project was begun that a recap seemed in order. The name of the planning project is: Planning & Engineering Analysis for renovations of the ACWD Storage Tank and Water Sources. The original funding agreement was for an amount of up to \$300,000. This was increased to \$500,000 last fall. This project consists of two components: 1. replacement of the town's water tank and 2. an analysis of the town's water sources.

Component #1, "replacing the water tank" is straightforward. The planning phase of that portion of the project is completed. It included a geotechnical study, surveys, and an engineering & cost analysis for replacing the water tank. This component of the project is moving to the construction phase with the new application completed in March and a funding agreement for up to \$700,000 currently "in the works". We are hopeful that the funding agreement will be ready for signatures by July 1st. After that is done, the project will go out for bid. The job includes: putting a temporary water storage "bladder" in place to provide water during construction, dismantling and hauling away the old tank, installing a new tank (same size as our existing 150,000 gallon tank) and putting a fence around it.

Component #2 "water source analysis" is not as straight-forward as #1. There continues to be questioning as to why this even needed to be done. The short answer is: our treatment plant is over 20 years-old and is growing more and more expensive to maintain. The original concept for this component of the planning project was to try to eliminate the surface water infiltration at the Ram Spring and to look at bringing the Cumberland Spring back online as a back-up water supply. The primary objective of this component of the planning project is to find the least expensive way to provide safe, reliable drinking water to our customers. A secondary objective is to end up with more than one water source.

After the planning project application was submitted in 2015 but BEFORE the funding agreement was signed, the State recommended drilling test wells. The district was assured that if the test wells did not work out, we would go back to looking at the spring(s). According to a representative from the California Rural Water Association who has seen dozens of these projects: the State always recommends trying for ground water first. Why? Because operation and maintenance costs are much lower for ground water than they are for surface water.

The State also always likes to see a secondary water source in place. Why? For two main reasons: 1. If there is a problem with the existing water source, the community will still have water and 2. If work needs to be done on one water source, the other source is available. A third benefit is increased water availability in the event of a fire.

What happened with the test wells? As reported in the November 1st customer update, many problems were encountered during the drilling of the test wells. To make a long story short: the water quality testing for both locations showed levels of arsenic above the allowable limits for drinking water. The idea of possibly trying a third location at the south end of town was considered, but testing of a private well near the Arbogast residence (owned by David and Rae Bell Arbogast) also revealed high levels of arsenic. At this point in time, it appears that no further test well drilling will take place. **CONTINUED ON REVERSE**

Component #2 “Water Source Analysis” is back to “square one” which is looking at the Ram Spring and possibly the Cumberland Spring.

The first step for the Ram Spring project is to do a microscopic particulate analysis or MPA. This needs to be done during the wet season (now) and during the dry season (this summer). This will help determine the amount of surface water infiltration taking place at the Ram Spring. This information will be used to determine the best water collection and treatment options for the Ram Spring.

There are a couple of things that got missed in the customer update:

- 1. Allegheny County Water District is getting 100% loan forgiveness for all project \$ because our Median Household Income is low enough to put us in the category of a “Severely Disadvantaged Community”. In other words: everything is being funded 100% by the State.**
- 2. The Completion date for the planning project was extended from July 1, 2017 to June 1, 2018 at the same time that the dollar amount was increased from \$300,000 to \$500,000.**

Update on the springs

Ram Spring A pipe at a new, naturally occurring water outlet dubbed “Spring 3 ½” was installed on April 3rd. It has a faucet attached so that a special filter can be attached. The Microscopic Analysis Kit was ordered on April 5th. As explained previously: between 500 and 1,000 gallons of water will be run through the filter which then must be rush shipped to the lab for analysis. The State will reimburse all costs associated with this work, including water district staff time, mileage etc.

Cumberland Spring On March 18th we estimated the flow at the Cumberland Spring and it was over 100 GPM. (Estimate 112 GPM not counting a new stream coming out) The flow has been monitored regularly over the last two years and the lowest reading was in Sept. of 2015 when it was estimated at 6 Gallons Per Minute (GPM). This coincided with the time-period when the Ram Spring was as dry as anybody had ever seen it. Even though 6GPM does not sound like very much water it works out to 8,640 gallons per day. This is more than enough to meet the town’s domestic water needs (without outside watering AND assuming that the water tank is available for water storage).

The water quality at the Cumberland Spring has been tested in the past (most recently during a study that was conducted in 1990) and the water quality is very similar to that of the Ram Spring.

The idea of doing a Microscopic Particulate Analysis of the Cumberland Spring is being “kicked around” with a site visit with Pete Stamas and Stephen Rooklidge scheduled for April 14th. If it seems like a good idea to everybody involved (Engineer, State, ACWD WTO and GM) then it will be brought to the ACWD board to decide. This may require a special meeting depending upon the timing.

Disclaimer

“Funding for these projects has been provided in full or in part through an agreement with the State Water Resources Control Board. California’s Drinking Water State Revolving Fund is capitalized through a variety of funding sources, including grants from the United States Environmental Protection Agency and state bond proceeds. The contents of this document do not necessarily reflect the views and policies of the foregoing, nor does mention of trade names or commercial products constitute endorsement or recommendation for use.”