

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

\$50 fee

Received by dyRecpt No. 0099781Date 12/31/14

REQUEST FOR EXTENSION OF TIME RECEIVED

To provide additional time in which to submit proof of beneficial use for a water right permit

DEC 31 2014

The Idaho Department of Water Resources will consider this form a request that the permit holder(s) be granted an additional period of time under the provisions of Section 42-204, Idaho Code, in which to complete development of a water right and file proof of beneficial use of water. There is a **FILING FEE of \$50.00** to be included with this form when filed with IDWR.

Permit no. 95-11088 Date proof is due February 1, 2015

Name(s) of permit holder(s) Honeysuckle Cooperative Water Association

Mailing address PO Box 581 City Athol State ID Zip 83801

Telephone no. 208-683-2974 Email tonib@1791.com

Describe what work has been completed toward the development of this water right:

If no work has been completed, show "none".

Well and system were installed in 1995 and now supply water to seven residences.

Costing \$ _____

The permit holder(s) has been unable to complete the remainder of the work for the following reasons:

We are currently a seven member association. The system was installed in 1995 and has expanded over the years. The supply system is old and should be upgraded. We have leaks and other issues. We are concerned once the leaks are finally repaired, that this may cause pipe issues in the aging supply system. Some things we have replaced or repaired are: in June 2009, we installed a new pump, in Dec 2014, we replaced wire from well to pump house. (Cont'd Page Two)

Permit holder(s) request an extension for 8 5 year(s). *modified per permit holder's letter.*

Toni Brown, Secretary
Signature (If other than permit holder, Power of Attorney must be supplied)

December 29, 2014

Date

ACTION OF THE DEPARTMENT OF WATER RESOURCES

The Department has reviewed the explanation for delay and concludes the reason(s) for delay meets the requirements for approval of the Request for Extension of Time as provided by Section(s) 42-204 and/or 42-218, Idaho Code.

☐ **IT IS HEREBY ORDERED** that the permit is **REINSTATED** with the priority date advanced to _____, 20____.

☒ **IT IS HEREBY ORDERED** that the above request for extension of time is **APPROVED**, and the time within which to submit proof of beneficial use is extended to February 01, 2020.

Signed this 29th day of January, 2014

Jeff Peppersack, Chief
Water Allocation Bureau

We have waited to continue the permit process since we are afraid to get approved for something that may change after repairs and or upgrade. I have attached two quotes we received back in 2013. As you can see from the cost, it is a very expensive venture. We are a rather dysfunctional water association and a few of our members are very difficult to get payment from and we really have no way to render penalties due to water valve placement and where valves are located on member's properties. It is one thing to go in debt for one's own personal water system, it is another to pay for others that will never pay you back. We looked at a few different programs offered by the USDA Rural Development, DEQ and grant opportunities. Most included engineer costs, loans and various other requirements. We couldn't afford this as a group or on an individual level. However, we have recently found a program known as Energy Smart Industrial. I have included correspondence between us and Layne McWilliams and Rich Jarvis. Their program is something that we think we can work with. We finally believe we've found a way to improve our system without a loan or signing away our individual finances. It is a rebate program. With ESI's (Layne & Rich), we will be able to make progress one job at a time. We just spent \$469 to narrow down that we do not have a leak in the well itself. With it being winter, we are waiting until spring to take our next step which will be hiring a leak locator company, American Leak Detectors. We now know after the well test that one of the main leaks is located between the well and the pump house. As you will see from the supporting emails, the leaks we have are substantial and we are sure the testing required for the permit will be affected by this. We are slow in beginning but are now making small progressive steps and have a much greater expectation and optimism of being able to get the job done now with the help of ESI. We would like to request at least two if not three more years to make our repairs and upgrade wherever possible.

Please call with any questions and I will see if I can answer them. Being the secretary of the association, I haven't much knowledge on the mechanical side but will do my best to help.

Respectfully,



Toni Brown, Secretary
Honeysuckle Cooperative Water Association
208-683-2974

Enclosures

DEC 31 2014

DEPARTMENT OF
WATER RESOURCES
Close[Print](#)

RE: Northern Lights/Honeysuckle Water Cooperative

From: **Rich Jarvis** (rich.jarvis@energysmartindustrial.com)
Sent: Tue 10/21/14 2:06 PM
To: Toni Brown (nworblinot@hotmail.com)
Cc: ESI.MGMT (esi.mgmt@energysmartindustrial.com); Elissa.Glassman@nli.coop
(Elissa.Glassman@nli.coop); Layne McWilliams
(layne.mcwilliams@energysmartindustrial.com)

Toni,

I am glad you are encouraged. It might simplify things if we get power consumption information from Elissa Glassman at Northern Lights. I have copied Elissa on this email and if you agree she can forward me the cooperative power bills for the last two years. From the utility bills, we might get an idea of the general magnitude of the energy incentive based on an assumed leak rate percentage and go from there. Let's get the bills together and we'll go from there. If I get them in time then I could stop by on Friday, October 31 to look at your system. Thanks!

Rich

Rich Jarvis, P.E.
Energy Smart Industrial Partner
Energy Smart Industrial
1320 Rhodes Draw
Kalispell, MT 59901
406-257-3013 direct
406-249-1193 mobile
www.energysmartindustrial.com
*Sponsored by your local public utility
and the Bonneville Power Administration*

From: Toni Brown [nworblinot@hotmail.com]
Sent: Tuesday, October 21, 2014 6:58 AM
To: Rich Jarvis
Subject: RE: Northern Lights/Honeysuckle Water Cooperative

Hi Rich:

The information you sent has given me some hope we might be able to accomplish this after all! I have forwarded the information you sent to our present president and future president. They are more into the mechanical issues than me. I can get you copies of our bills. Do you need each monthly bill since NLI shows the kilowatts used for the last year at the bottom of the bill? Or would last month's bill and the October bill a year ago suffice? Let me know and I'll get busy on that.

We don't keep track of water production rates? We are in the process now of getting an extension on our Permit to Appropriate Water and Statement of Completion for Submitting Proof of Beneficial Use. We would rather not submit until we have the leaks fixed, etc. I think that is where we would find out our water production rates? We all have meters but do not read them. The pump basically runs

continuously. It stops for maybe two minutes and runs again. No leak testing has been done since we can't afford the costs.

We would welcome both of you to come out and look at our system and give us your advice on how to proceed. I think in your first email you had mentioned being in the area on October 28? If so, I would need to get with Kelly & Dave and make sure they are available since they will be better able to answer your questions.

I look forward to working with you also! Again, I haven't had much hope of being able to make progress and you have changed my mind.

Thank you!

Toni Brown
Secretary, Honeysuckle Cooperative Water Association

From: rich.jarvis@energysmartindustrial.com
To: nworblint@hotmail.com
Subject: FW: Northern Lights/Honeysuckle Water Cooperative
Date: Mon, 20 Oct 2014 19:59:16 +0000

Had the address wrong the 1st time.

Rich Jarvis, P.E.
Energy Smart Industrial Partner
Energy Smart Industrial
1320 Rhodes Draw
Kalispell, MT 59901
406-257-3013 direct
406-249-1193 mobile
www.energysmartindustrial.com
*Sponsored by your local public utility
and the Bonneville Power Administration*

From: Rich Jarvis
Sent: Monday, October 20, 2014 1:07 PM
To: nworblint@hotmail.com
Cc: Elissa.Glassman@nli.coop; ESI.MGMT; Layne McWilliams
Subject: Northern Lights/Honeysuckle Water Cooperative

Thanks, Toni for the inquiry into the Energy Smart Industrial (ESI) Program. To answer your questions about our program in a nutshell, yes the ESI program provides incentives to small water cooperatives like yours for energy efficiency improvements and leak repairs. I have included two case studies showing some of the past projects and benefits to small cooperatives like yours. These should give you a sense of the amount energy incentives might help you in improving your system.

To begin the process, we would like you to provide us with 2 to 3 years of energy bills and water production rates. From this we develop a metric of kilowatt - hours/million gallons pump which we can then use to determine energy savings associated to leak repair. Armed with this information we would likely come and look at your system and get answers to questions such as do you have end user meters, how are pumps controlled, have you had any leak testing done. Layne McWilliams, our water/wastewater sector specialist actually lives near you in Hayden and he and I could come and look at your system. The services we provide, both of us are engineers, could help you to

assess your system and the incentive potential and the costs of these services are covered by the ESI program.

So the best place to start is getting us the electricity and water production/consumption information and then we can arrange a site visit to evaluate your system and answer any further questions you may have about the ESI program. Hope this gives you a better understanding of the program offerings. We look forward to working with you.

Rich

Rich Jarvis, P.E.

Energy Smart Industrial Partner

Energy Smart Industrial

1320 Rhodes Draw

Kalispell, MT 59901

406-257-3013 direct

406-249-1193 mobile

www.energysmartindustrial.com

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DEC 31 2014

DEPARTMENT OF
WATER RESOURCES
Close[Print](#)

Northern Lights: Honeysuckle Water

From: **Layne McWilliams** (layne.mcwilliams@energysmartindustrial.com)
Sent: Thu 11/13/14 3:17 PM
To: Toni Brown (nworblinot@hotmail.com) (nworblinot@hotmail.com)
Cc: Rich Jarvis (rich.jarvis@energysmartindustrial.com); Elissa Glassman (elissa.glassman@nli.coop) (elissa.glassman@nli.coop); ESI.MGMT (esi.mgmt@energysmartindustrial.com)

Toni-

Thanks for meeting with me on Monday night, I appreciate you folks taking the time to explain the situation as best you could – nothing like talking outside when it's 19 degrees, right?!?

I've gone through some numbers based on the curve for the installed pump, the well data, the start/stop pressures, and the information from United Crown. While none of the information is absolutely accurate, I'm confident that we are in the right ballpark.

I estimate that the pump is running at roughly 26 GPM and draws 5.4 kW while operating. From your experience, the pump runs continuously in the summer. That checks by my numbers. When I take your average kWh/month for May – October (and I assume there is no heating), and divide that by the 5.4 kW for the pump, it comes out to 29-33 days of runtime each month which is essentially continuous running. This means you are pumping around 37,400 gallons per day (GPD) for 7 connections during those 6 months.

Nationally, a "typical household of 4" consumes roughly 400 gpd on an annual average, including outside (lawn) usage. My experience with rural systems locally shows a much higher usage in the summer as people tend to water large lots heavily. So, if we doubled that for the six months (which include May, June and October which tend to have less irrigation than peak summer), we'd get 800 GPD per connection for a total of 5,600 GPD for the 7 connections as a reasonable assumption for actual consumption. In the winter, the loss rate is even higher since usage is likely less than 400 GPD/connection. For calculations, I've assumed 400 GPD in winter, for an annual average in the system of 600 GPD/connection.

Based on that annual consumption average, and allowing for heating, the energy required to meet that load is about 8,600 kWh annually. You are averaging 43,000 kWh over the last 36 months. I'm estimating you are pumping about 11.5 million gallons each year, and about 10 million of that is not being used. So, the potential energy savings, assuming you can find all the leaks, is about 34,000 kWh or an 80% reduction. Your power bills for the water system would go from the current average of \$3600/year to about \$600/year if all the leaks can be found and eliminated.

Realistically, it is unlikely to find “all” the leaks on small systems, but if you can cut them in half, you’d still save 17,000 kWh a year which is about \$1,600 in annual power bills. Based on Northern Lights incentives for the energy savings, you would qualify for up to \$4,300 in incentives based on fixing half of the leakage volume.

This incentive is capped at 70% of the project cost. In the table below, I’ve summarized the project assuming you fixed 50% of the leaks for \$5,000. With those numbers, the leak repair project would pay for itself in less than one year.

SUMMARY OF PROJECT ECONOMICS BASED ON 2011-2014 DATA			
ITEM	Amount	Unit	Description
a	1,533,000	gallons	Estimated Annual Water Consumption (600 gpd/conn ann avg)
b			
c	3,466	kWh/MG	Unit Pumping Energy (from curve)
d	43,000	kWh	Annual Overall Energy Consumption (from billing)
e	5,313	kWh	Annual Pumping Energy to meet consumption (= a / c)
f	3,285	kWh	Annual Heating Energy (estimate 1.5 kW, 12 hrs/6 mos)
g	34,402	kWh	Annual Energy From Leaks (= d -e-f)
h	9,900,000	gallons	Annual gallons leaked (=g / c)
i	17,201	kWh	Energy saved from fixing 50% of the leaks
j	\$ 0.093		Blended Energy Rate (what you pay) (\$ / kWh)
k	\$ 1,600		Annual Energy Bill Reduction (50% repair) (= i x j)
l	\$ 5,000		Cost to Find and Fix Leaks (your estimate)
m	\$ 4,300		Possible Incentive from kWh saved (= i x 25 cents)
n	\$ 3,500		70% of project cost (= l x 70%)(incentive cap)
o	\$ 3,500		Actual Incentive Amount (lesser of m or n)
p	\$ 1,500		Cost after Incentive
q	0.9	years	Project Payback after Incentive

If you’d like to over this by phone or in person, let me know and we can set up a time. I recognize there is a lot to digest here.

As for “renting” leak detection equipment, I haven’t found any place locally, but I haven’t done an exhaustive search. If I find something, I’ll sure shoot it your way.

Thanks again, Toni.

Layne

Layne McWilliams, PE, JD

Water / Wastewater Sector Specialist

Energy Smart Industrial

PO Box 2166

Coeur d’Alene, ID 83816-2166

971-244-8581 direct

www.energysmartindustrial.com

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and the Bonneville Power Administration

From: layne.mcwilliams@energysmartindustrial.com
To: nworblinot@hotmail.com
CC: rich.jarvis@energysmartindustrial.com; elissa.glassman@nli.coop;
esi.mgmt@energysmartindustrial.com
Subject: RE: Northern Lights: Honeysuckle Water
Date: Tue, 18 Nov 2014 19:51:20 +0000

Toni-

I'm glad you were able to isolate the well from the distribution system and isolate at least a good portion of the leakage in your system.

We will move forward with the paperwork right now based on the numbers I sent earlier (that is, assuming you'll fix at least half the leaks when the well side of the system is tight.) Can you send me the contact information (Name, Address, Phone, and Email) of the person in the association who will be our main contact?

As far as whether we submit separately or together, I think we should submit the "well side repairs" as one project. I've got enough information now to submit the Custom Project Proposal (that's the official name). When the repairs are complete, and you've received an invoice, we can then submit the Completion Report. We will need to verify that leaks were actually found and fixed. Please take pictures of the leaks as you find them (e.g. decayed pipe, leaking couplers, etc.) and then pictures of the repaired pipe before it is buried or dropped back into the well.

We will also want to determine the size of the leaks repaired by timing the pump cycles with the well house valve closed. Before you work on the system, close the pump house isolation valve and time the pump run/pump off cycle for 4 cycles. (For example pump ON – 2 minutes, 15 seconds – Pump OFF for 4 minutes, 10 seconds – Pump ON for 2 minutes 10 seconds – Pump OFF for 3 minutes 52 seconds, let it repeat two more times). Once the repairs are complete, do that same test after you've blown the air out of the line and have a fully pressurized system. If the line is tight between the pump and the closed valve, the pump will run long enough to pressurize the expansion tanks, then shut off, and the pressure will not bleed off. If it does bleed off, run it for 2 – 4 cycles (if you have enough time) and that will tell us how much the leak has been reduced. If it is bleeding slowly, just write down how much it bleeds off (e.g. lost 2 PSI in 10 minutes).

The nice thing about getting those numbers is we can then make at least an educated guess as to the extent of the leaks out in the distribution system. I'll explain that once we're there. (This email is long enough already!)

Regarding payment, it takes several weeks to receive payment once we submit the Completion Report, as it

goes through the approval process involving multiple people behind the scenes. If your vendor can put you on a timed payment schedule or something, that might help the cash flow issue. But I don't want to sugar-coat it; it usually takes several weeks to actually receive the incentive check. Rich and I will do our part to move the process along as well as keep you informed as to status.

Please send me the contact persons information and we'll get the Custom Project Proposal submitted ASAP.

Thanks!

Layne

CdA x230

From: Toni Brown [<mailto:nworblinot@hotmail.com>]
Sent: Tuesday, November 18, 2014 6:48 AM
To: Layne McWilliams
Cc: Rich Jarvis; Elissa Glassman elissa.glassman@nli.coop; ESI.MGMT
Subject: Northern Lights: Honeysuckle Water

Hi Layne:

Update. There is a leak between the pump house and the well. Verified that on Saturday. United Crown will be out next Monday to test for a leak down in the well. Worst case scenario to repair all 420 feet of pipe would be \$3638. If the leak is not in the well, they said they would help in anyway they could to find the leak in between the pump house and well. If we're unsuccessful, we will have to call American Leak Detectors.

Question on the rebate if we have to repair the pipe in the well. Can we submit each repair separately? Should we submit all at once? What is the time frame from submitting to receiving a rebate check? Can we submit immediately? When we have the repair done, we will be footing the bill individually since the Association has no money. There will probably be three of us that will be supplying the most funds as the rest of the members are behind on their monthly bills. We would like to be able to have them repair the pipe on Monday if at all possible.



I look forward to your response!

Thanks Layne!

Toni



Hi Layne:

Here are the numbers from last Saturday. Dave & Kelly did three cycles. On= pump running, Off=pump not running--minutes:seconds

before main off:	After main off:
On-6:45	On-2:48
Off-5:04	Off-8:07
On-3:28	On-2:48
Off-5:53	Off-8:08
On-3:41	On-2:48
Off-5:33	Off-8:10

Will this be sufficient?

Thanks Layne!

Toni

From: layne.mcwilliams@energysmartindustrial.com
To: nworblinot@hotmail.com
Subject: RE: Northern Lights: Honeysuckle Water
Date: Tue, 18 Nov 2014 22:57:45 +0000

Toni-

Correct, the incentive will float with the energy savings, up to the 70% cap. Once you have made the repairs that you can make on Monday, recheck the pump cycle time as described below and we will use that to calculate the amount of water (and thus energy) saved by Monday's project. We can close that one out immediately and get you an incentive rebate check based on that savings amount. The incentive will be no higher than 70% of the project cost, but it could be less than that if it turns out the bad leaks on the well side could not be fixed on Monday. (It would only be 0 if you found no leaks to fix and the pump cycle times were the same before and after the project.)

Assuming you still had leaks between the well and the pump house, you'd do another project in the spring. We would do another Custom Project Proposal and Completion report for the next repair job this spring if you use a leak detection company or incur other costs.

So, I'm sorry if my answer was confusing. We can break the project into as many "sub projects" as it makes sense to do, so you don't have to wait until spring for a rebate for the work you complete. Depending on what you find Monday, we can make that determination together.

Layne

CdA x230

From: Toni Brown [<mailto:nworblinot@hotmail.com>]
Sent: Tuesday, November 18, 2014 2:37 PM
To: Layne McWilliams
Subject: RE: Northern Lights: Honeysuckle Water

Hi Layne:

I'll be the contact. Toni Brown, PO Box 581, Athol, ID 83801 - 208-683-2974

So the incentive is based on energy saved. So if less than half is fixed on the well side, we wouldn't get the incentive until we fix up to at least half of the energy lost? So if we needed to get American out to find the leaks and we have to wait until spring, we wouldn't get the incentive check until after those leaks are fixed. So depending on how much leak is fixed on Monday, we may or may not be eligible for the incentive check. Is that correct?

Thanks Layne!

Toni

[Print](#)

[Close](#)

RE: Northern Lights: Honeysuckle Water

From: **Layne McWilliams** (layne.mcwilliams@energysmartindustrial.com)
Sent: Thu 11/20/14 9:27 AM
To: Toni Brown (nworblinot@hotmail.com)
Cc: Rich Jarvis (rich.jarvis@energysmartindustrial.com)

Toni-

Based on your test, here is the analysis. You are losing about 6.7 GPM between the pump and the well house:

TEST RESULTS FROM 11/15/2014 (EMAIL AT RIGHT)

Avg Pumping Rate: 26 gpm

	Time(mins)	Gal. Pumped	Time(mins)	Gal pumped
	With Pump House Valve Open		With Valve Closed	
ON	6.75	175.50	2.80	72.80
OFF	5.07		8.12	
ON	1.40	36.40	2.80	72.80
OFF	5.88		8.13	
ON	3.68	95.77	2.80	72.80
OFF	5.55		8.17	
Total Time (minutes)	28.33		32.82	
Total Gallons Pumped		307.67		218.40
Average Flow Rate		10.86 GPM		6.66 GPM

Total Leak Volume on Well Side 3,497,949 gallons/year

Unit Pumping Energy 3,466 kWh/MG

Energy Associated with Leaks 12,124 kWh

Assuming you get that to a tight system, here is the economic analysis. Assuming the problems can be fixed for around \$3200, the project will pay for itself in less than a year. I will use these numbers in our project proposal:

SUMMARY OF PROJECT ECONOMICS FOR WELL-SIDE LEAK			
ITEM	Amount	Unit	Description
a		gallons	Estimated Annual Water Consumption (600 gpd/conn ann avg)
b			
c	3,466	kWh/MG	Unit Pumping Energy (from curve)
d		kWh	Annual Overall Energy Consumption (from billing)
e		kWh	Annual Pumping Energy to meet consumption (= a / c)
f		kWh	Annual Heating Energy (estimate 1.5 kW, 12 hrs/6 mos)
g	12,124	kWh	Annual Energy From Leaks (= d -e-f)
h	3,497,949	gallons	Annual gallons leaked (=g / c)
i	12,124	kWh	Energy saved from fixing well-side leaks (100%)
j	\$ 0.093		Blended Energy Rate (what you pay) (\$ / kWh)
k	\$ 1,128		Annual Energy Bill Reduction (= i x j)
l	\$ 3,200		Cost to Find and Fix Leaks (your estimate)
m	\$ 3,031		Possible Incentive from kWh saved (= i x 25 cents)
n	\$ 2,240		70% of project cost (= l x 70%)(incentive cap)
o	\$ 2,240		Actual Incentive Amount (lesser of m or n)
p	\$ 960		Cost after Incentive
q	0.9	years	Project Payback after Incentive

Layne

CdA x230

From: Toni Brown [mailto:nworblinot@hotmail.com]

Sent: Thursday, November 20, 2014 8:30 AM

To: Layne McWilliams

Subject: RE: Northern Lights: Honeysuckle Water

DEPARTMENT OF
Use Typewriter SOURCES
or
Ball Point Pen

NORTHERN REGION
LDWR

WELL DRILLER'S REPORT

Sketch map location must agree with written location.

(Sign once if Firm Official & Operator)

FORWARD WHITE COPY TO WATER RESOURCES

RECEIVED

DEC 31 2014

INVOICE DEPARTMENT OF
WATER RESOURCES**PUMP & DRILLING**

3125 W. Hayden Ave. Hayden, ID 83835

Phone (208) 772-7867 Fax (208) 772-7229

Unitedcrown.com

Invoice Number: 3390

Date 12/1/2014

Terms: Due on Receipt

Honeysuckle Co-Op

PO Box 581

Athol, ID 83801

(208) 683-2974

Phone 1

Service Location

Address: 4150 E. Honeysuckle

City: Athol

Job/Well #

Purchase Order

Page 1 of 1

Call Out: Trouble shoot water system.

11/24/14: Pulled pump off pitless and performed a shut off test, everything checked out normal. Sounds like the leak is right at the pitless outside of the well.

Quantity	Item	Unit Price	Extended Price
1.00	Hoist Truck Time	\$60.00	\$60.00
34.00	Round Trip Mileage	\$1.00	\$34.00
2.50	Service Tech Dustin	\$65.00	\$162.50
2.50	Service Tech Gary	\$85.00	\$212.50
			\$469.00

Please pay this amount

\$469.00**Thank you for the opportunity to work for you.**

Project Manager Chris Agueros

This invoice due and payable upon receipt. Invoices not paid within 10 days will accrue interest at a rate of 1.5% per month.

RECEIVED

DEC 31 2014

DEPARTMENT OF
WATER RESOURCES**Three Amigos Plumbing
and Maintenance, Inc.**1424 N. BOYER SUITE C-106-1A
SANDPOINT, ID 83864

(208) 255-4380

**Estimate**

Date	Estimate #
8/15/2013	27152

Name / Address
KELLY TRUMBLE P.O. BOX 715 ATHOL ID 83801

Ship To
208-262-1423 E HONEYSUCKLE RD

Description	Qty	U/M	Rate	Total
THREE AMIGOS PURPOSES TO REPLACE 1080' OF 4" WATER MAIN ON E HONEYSUCKLE RD. WE WILL BE PROVIDING ALL MATERIAL, EQUIPMENT AND PERMITS TO COMPLETE THIS JOB TO THE BID. THERE IS A LOT OF MATERIALS THAT GO INTO A JOB OF THIS MAGNITUDE PIPE, METERS, VALVES, TRACER WIRE, FLANGES, POLY ADAPTERS, METER BOXES AND EXTENSIONS, GASKETS, ECT. WE WILL BED ALL THE MAIN WATERLINE WITH SAND BACKFILL AND COMPACT AS NECESSARY. THIS LINE WILL HAVE TO GO IN IN SECTIONS. WE WILL FLUSH EACH SECTION AND DO NECESSARY TIE INS TO KEEP ALL HOMEOWNERS WITH WATER BY THE END OF EACH DAY. WE WOULD LIKE TO INSTALL 300' TO 400+ FT PER DAY DEPENDING ON THE AMOUNT OF TIE INS AND THE TIME IT WILL TAKE TO FLUSH PROPERLY. THIS BID INCLUDES ALL THE 4" MAIN, TAPING THE LINE TO EACH HOUSE, SETTING NEW METERS WITH METER BOXES AND TIEING INTO THE HOMEOWNERS EXISTING LINES. Excavation FOUR TO FIVE MEN, TWO BACKHOES, SKIDTEER, DUMP TRUCKS AND MATERIALS			47,887.00	47,887.00

I agree the above specifications and conditions are satisfactory and they are hereby accepted. Payment of 70% of the total estimate will be paid three days prior to scheduled start date, the 30% will be paid when work is completed. Any alterations or deviation from the above estimate involving extra cost, executed by verbal or written order, will become an extra charge over and above the estimated costs. All agreements are contingent upon accidents or delays beyond Three Amigos' control.

Subtotal	\$47,887.00
Sales Tax (0.00)	\$0.00
Total	\$47,887.00

Signature _____

RECEIVED

DEC 31 2014

DEPARTMENT OF
WATER RESOURCES**Estimate****Clayton Tope Trucking and Excavating, Inc.**479731 N. Hwy 95
Sandpoint, ID 83864
208-255-4243

DATE	ESTIMATE NO.
8/16/2013	299

NAME / ADDRESS
Honeysuckle Water Association Attn: Kelly

TERMS	REP

ITEM	DESCRIPTION	QTY	COST	TOTAL
Excavation	Water Main-1080 C900 1 1/4" poly to meters. Replace meter and yokes. 1" Badger m70 water meters with 1 ft. of bedding around pipe. Dig across road backfill and compact. \$36,644.09	1	36,644.09	36,644.09
	*Using Public Works Standard: Road crossing for open trenches overlap road fabric 3' on each side of trench.			
Utility Clause	Utility Clause- If Utilities are existing or are unforeseen a fee will occur. Please be advised if we encounter substantial size rock bigger than 2' extra fees will occur.		0.00	0.00
*Blasting clause-If blasting is required and is unforeseen a blasting fee will occur.			TOTAL	\$36,644.09

Estimate Agreement: All estimates are subject to change due to rising fuel cost, weather permitting conditions, and/or any unforeseen cost.

SIGNATURE _____

11239.1