



The Official Newsletter of the GPAA

The Prospector

Volume 13 Issue 10

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October, 2013

Chapter Meeting:

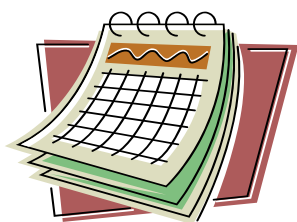
October 20th, 2013

At the
Milwaukie, Oregon
Grange Hall
12015 S.E. 22nd

Meeting Begins at

--- 1:30 ---

Dates to
Remember...



October 2013

Equipment Demo's
T-Shirts & Sweatshirts
Buy yours at the next
Meeting.

Our next meeting:

Remember at every Chapter Meeting we have the Food drive- Every 2 cans you bring in gets you 1 ticket for the Raffle. Upto 5 tickets total.



From the President's Desk

Welcome to the 1 new person from our meeting last month. I hope to see all of you this month.

The Oregon DQE has setup meetings with all of the Presidents of the Mining Associations, by invitation only, on this west side of the Cascade Mountains on Oct 10 in their Salem Office. I will be at that one and give a report at this coming meeting. The subject is the "New 700PM permits"

There is also going to be a meeting with the Oregon DSL in Baker City on Oct 17. This meet is about how the new law from SB 838 will be implemented. Dave Chiara and Ken Burns are planning on attending this meeting. They will be giving a report on their meeting.

As for the supervisor of the new geologist with the BLM in Baker City I have left two voice mails on her phone but no response as on today, Oct 7. I have tried to call her supervisor in the Vale Oregon Office and I haven't been able to talk to him yet. Because of the US Government shutdown most of the BLM offices are closed.

Sincerely

Richard Ruth

HISTORY OF THE MONTH

DREDGING IN SUMTER

There were a total of 3 dredges in the Sumter Valley area. No. **1**, was built in 1912 and put into action in January of 1913 and ran pretty much 24 hours a day till 1924. In 1915 No. **2** was built and started being used as soon as it was built. Then in about 1923 No. **2** was dismantled and shipped to Washington State and renamed to the Liberty Dredge. Then in 1935 the first dredge was dismantled and rebuilt to make dredge No. **3**.

Now for the different sizes that the dredges were.

No. **1** 100' long 45' wide, had 65 buckets holding about 9 cubic feet of earth in each bucket, it could dig at 21 buckets per minute, that totals about 7 yards per minute. This dredge had a wooden hull.

No. **2** 100' long 45' wide, had 65 buckets holding about 7 cubic feet of earth in each bucket but could dig faster than No. **1** so it could do about the same amount of yardage per minute, Each of these dredges covered about 60 acres each year. This hull was wood with metal sheeting over it.

No. **3** they built the hull bigger 125' long and 52' wide it also had 72 buckets that each weighed in at 1 ton each, and could hold over 10 cubic feet of earth and it moved faster with a 250 hp motor and could move about 8.3 yards every minute. About 100 acres per year, it ran until it was unprofitable to keep it going, In 1954, With one stoppage for the war from 1942 till July 5th 1945.

I read in an article that the tailings from this mining endeavor were about 50' high, 100' wide and over 8 miles long and some places 3 or 4 piles in one area. Tailings for those that don't know is the waste of rock and dirt that is not needed or wanted. The process of dredging pulls material into the center part of the dredge and has a trommel which is a rotating machine that has holes drilled into it and the smaller pieces fall through the holes and the larger pieces continue on to the back of the dredge to a belt that takes it up about 90' to be put into the tailing piles. While the smaller pieces fall though to go onto a sluice box with riffle's to separate the gold from the rest, the gold settles out in the process and the rest run out the back also.

If you would like to read more about the Sumpter area follow this link.

http://www.oregonstateparks.org/index.cfm?do=parkPage.dsp_parkPage&parkId=174

Or this one http://en.wikipedia.org/wiki/Sumpter_Valley_Gold_Dredge Now in this article it said that they found 128,571.43 troy ounces of gold which at that time was worth about 4.5 million dollars at 35 dollars per ounce. But at today's price which was 1367 per oz. it would be worth about **175,757,144** that is 175 million dollars WOW, I'd be glad with just the 71 oz's. LOL anyway next month I'll do more on this because this area is so interesting and so full of history. Or I might do a piece on what is known as the Boise basin over in Idaho, acre for acre they found more gold there than the Alaskan and Californian gold rushes put together. Again if you find a good article of interest or you find an area of interest please email me and let me know so I can research it and put it in the paper. You will get some credit for letting me know about the info.

Bill Mutton Email me at: muttsmining@gmail.com



This is Dredge No.3, The last one made and is still in Sumpter Oregon. It is stuck in its own little pond made by the buckets as it dug along collecting dirt and rocks and YES!!! GOLD, a lot of it.



This is the backside of it, its amazing how big it really is.



Frowning Dredge © 2006 Stephen Thompson All Rights Reserved

This is one of the buckets on the dredge, about 20 buckets
Per min. or about 10 cubic yards per min. That is about
One large dump truck worth of earth per min.

Portland Gold Prospectors, Inc.

Secretary's Report July 21st, 2013

Milwaukie grange Hall, 12015 SE 22nd

Milwaukie, Oregon

Meeting called to order by:

President Richard Ruth at 1:30 pm

Pledge of Allegiance conducted.

Meeting Minutes:

Motion Made and seconded to accept the Secretary's report as written in the newsletter.

Motion was approved.

Treasury report:

Treasure report was read for the assembled members.

Motion made and seconded to accept the Treasurer's report as read.

Motion was approved.

Attendance:

40 members were in attendance at the meeting.

1 Visitor was in attendance.

Correspondences: Jerry Johns

Elections: November will be the next elections cycle for the Associations elections. The positions of President and Treasurer are up for re-election along with all six board members at large. A proposal was made to cycle the board member at large on a two year cycle, where three will be elected each year. This will bring in continuity to the position. This was later discussed and approved by the board members and will start this election year. An election committee was put together consisting of the association secretary, librarian and another association member (Larry). They will take nominations at the next meeting and conduct the election in November.

Membership- Dave Chiara: To get a 2013 association membership card you need to be an active member of the PGPI group. It does not cost to join the association. If you attend three events (meetings, outings, etc.) during the year you will receive a membership card that is good for the calendar year. The membership card allows you to use the PGPI claims and participate in all activities PGPI related activities. If you are new you will receive a card after your third meeting/event. Please sign in on the sheets near the entrance so this can be tracked.

GPAA news – Bob Rasey: California New 49ers lost their law suit with the state. The ruling seemed to hinge around the definitions of small scale miners vs. hobbyists. Recreational miners and hobbyists are not covered by the mining laws. If asked, you should always respond that you are a small scale miner and prospecting is part of the process. If you were to discover a rich enough area, you would mine it full time.

Outings/ Association Claims – Dave Chiara: It's getting late in the season and we may not get another day outing in before the weather turns. If we do, Discovery Beach would be a likely candidate. The group always needs help find new sites for day trips. If you know a place and would be willing to share, please contact Dave. The association is working annual paperwork for the association claims.

Newsletter editor: - Bill Mutton: Ok so this month is my first time of making two different newsletters, the Printed edition is just the most important parts of the associations meetings and is only about 6 pages long. The email/download edition is much longer and has some pictures along with the articles. That is to reduce the cost of printing out the newsletter for the person that does that.

Safety: - Bob Rasey: Weather is turning early this fall. Remember to dress in layers. You can always take off clothes if you get too warm. If you get wet, Gortex will not keep you warm. It helps repel the water, but once wet, you can freeze wearing Gortex. Wool is the only material that can keep you warm after you get wet.

Library: Thank You to our new Librarian Joe Web. Joe will be bringing the library to future meetings for all the members to use. If you have proposals of items to purchase, please funnel them Joe's way.

Meeting adjourned at 3:05 pm

(Respectfully submitted by Jerry Johns, Secretary)

Be on my committee – Outings

Need volunteers to help check out, select and run outing events.

Newsletter & Emails

If you have not been receiving the Newsletter by Email,

Please email us at portlandgpaa@aol.com

Don't forget, you can also download the Newsletter from our website.

If you receive the newsletter by regular mail,

Check the 4 digit number next to your name.

That is the month and year your subscription expires

(IE, 0709 means your subscription expires with the July 2009 newsletter).

Note from the Librarian:

If you happen to come across any good mining books or videos that might benefit the association, drop me a line.

If you have books or videos you've checked out. Please remember to bring them back at the next meeting, that way others can experience them as well.

We are also looking for persons interested in being nominated for upcoming 2014 Board Members and Board Members at Large positions.

If you are a member that attends meetings regularly and would like the opportunity to help shape and support the association Please send an email to: joeweboon@yahoo.com or Jerry.j.johns@intel.com

Thanks, Joe Weber

The Hydro Force Dredge Nozzle

Ok so Bruce Wickward and I just got a Hydro Force Dredge Nozzle, We went down to the North fork of the Santiam River to try it out it is truly an amazing tool for us to use now.

What it is: It is like a regular dredge nozzle with one exception, it has a valve on it that allows some of the water to flow out of the part that you use to pick up material so you don't have to be in the water to use it.

How it works: If you know how a dredge nozzle works this will be nothing new to you, If you don't let me explain. It takes a high pressure water hose and at the nozzle it turns it 180 deg. And pushes the water down the return hose which is bigger, at the same time it creates a vacuum at the end of the dredge nozzle so when you put it in the river it picks up water and any dirt and rocks and gold or whatever is at the bottom that is small enough to go into it and sends it down the return hose until it reaches a sluice box or trommel or however you have it setup. The only difference is that with the regular nozzle you have to be in water to make it work right, With the Hydro Force nozzle you can be on dry land because some water is flowing down and out of the nozzle and you can control how much of a flow it is. You can spray down a small area and then suck up the water with dirt and rocks and gold and whatever else is there, We had ours set up with a type of high banker I made with a 18 gallon plastic container, I want to make the box part out of wood or aluminum sometime but for now to save money and as an experiment it works really well. We used a regular 5' sluice box with adjustable legs on it, then took an 18 gallon plastic container and built a wooden shelf at an angle inside and put a ½" screen on it so the smaller stuff would fall through and go to the sluice box but the bigger stuff would fall out the back end of the container and fall to the ground to be put back into the hole later on. We did find out that you can use the setup anywhere on the river except in the county parks. But up in Washington State you can dredge from August till February, Cold but maybe worth it if you found a good spot. We had a great article about Washington in last month's newsletter thanks to Gene Dietzen. I really do want to learn more about the permit process up there. As I learn more about a place or item of interest, I'll put it in the newsletter to update everyone on what I find out.

Bill Mutton

Email me: muttsmining@gmail.com

Ron Farnsworth

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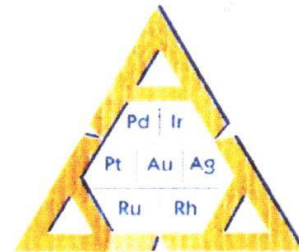
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The WMA is an alliance of miners fighting to restore our legal mining rights. We need all miners to stand together and fight this illegal taking of mining claims and our rights to mine.

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Here's a link to more info

http://westernminingalliance.org/?page_id=626



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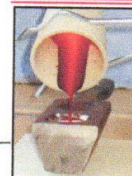
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LDMA Membership		45,500		18,200
Alaska Expedition			Once Expedition is Paid-in-Full 22,750	

WHEN RENEWING, PLEASE WRITE A NOTE OR BY PHONE SAY YOU BELONG TO THE PORTLAND PGPI OR GPAA CHAPTER TO REQUEST THE CLUB CREDITS.

These credits are used to buy things from the GPAA Catalog. If you do not have a GPAA Catalog, you can go to <http://www.goldprospectors.org/catalog/index.asp?PageName=Catalog> to see what all they have. If there is anything in the catalog that you would like to have for the raffle Please let one of the board members know.

All members note:

Our club earns purchasing points with renewal of GPAA Membership. Please tell them you're a Portland Gold Prospector member.

**2013
Board Members**

President: Richard Ruth 503-663-9087 Richard.ruth5@comcast.net	Vice President: Robert Burns Rdburns77@hotmail.com
Secretary: Jerry Johns 503-649-4702 Jerry.j.johns@intel.com	Treasurer: Bev Parker 503-666-4301 bevpark@comcast.net
Claims and Outings: Dave Chiara 503-285-8553 dmchiara@comcast.net	Safety: Bob Rasey 503-703-7448 casebob221@columbiacenter.org
Equipment: Ken Burns 503-631-3071 cruisehl@yahoo.com	Newsletter: Bill Mutton muttsmining@gmail.com
Hospitality: Helen Burns 503-631-3071 cruisehl@yahoo.com	Webmaster Tom Jones 503-680-9159 tom@rosewindmining.com
Librarian: Joe Weber Joeweb001@yahoo.com	Sergeant at Arms: To Be Determined

Board Members At Large

Melinda Dorning morning@frontier.com	Gene Dietzen 360-834-9230 Gene.dietzen@gmail.com
Dennis Carter Handyman5535@msn.com	Bill Bench swbench@comcast.net
Ken Burns cruisehl@yahoo.com	Anthony Chiara 360-952-1562

The Printed version of this newsletter is just the most important news about
Portland Gold Prospectors Association Meetings.

If you would like to see the entire Newsletter you can have it Emailed to you
Or go to www.PortlandGoldProspectors.org and you can view or download the whole
Newsletter there. I really want to make it very informative and complete, but it would
Be far too expensive to print out the longer version of the newsletter.