

Moore-Love, Karla

From: Kate & Chris <samsa@pacifier.com>
Sent: Wednesday, April 22, 2015 9:58 PM
To: Moore-Love, Karla
Subject: Fw: Public Survey--Kirkpatrick Item for the record of Washington Park land use LU-14-249689 currently scheduled as item #414 before City Council tomorrow Thur 4/24 2 pm
Attachments: 2014-12-9 City Survey Results.docx

From: Kate & Chris
Sent: Wednesday, April 22, 2015 4:28 PM
To: cctestimony@portlandoregon.gov ; karla.moore-love@portlandoregon.gov
Subject: Public Survey--Kirkpatrick Item for the record of Washington Park land use LU-14-249689 currently scheduled as item #414 before City Council tomorrow Thur 4/24 2 pm

Dear Karla:

As part of my testimony in the above case, please enter the attached document, and my written testimony below, into the record for the Washington Park open reservoirs land use matter LU-14-249689 currently scheduled as item #414 before City Council tomorrow, Thursday 4/24 at 2 pm.

Please also be so kind as to send me a written receipt that this submission has been entered into the record.

Thank you!

STATEMENT OF KATHERIN KIRKPATRICK:

Dear Mayor and City Council:

Please let the record show that the majority of respondents to the City's public 12/9/2014 survey, results attached to this e-mail, opposed decommissioning of the open reservoirs.

Please also let the record show that City of Portland did not write the survey so as to allow survey respondents an option for maintaining the reservoirs in their current use; yet despite this omission the majority of public commenters went to the trouble of specifically requesting that the reservoirs be kept functioning and on line as the City's drinking water storage utilities, specifically citing their open aeration function as contributing to Portland's high water quality and providing public health protections from contaminants such as radon.

Thank you,

Katherin Kirkpatrick
1319 SE 53rd Avenue
Portland, OR 97215
(503) 232-8663

samsa@pacifier.com

Survey Results: Mt Tabor Reservoirs

Total Items: 966

Thank you for taking the time to learn about the Mt Tabor Reservoirs. Your comments will inform how we determine the future of these valuable assets. **Please submit your comments by Monday, December 1, 10:00 AM.**

I use the park

weekly	379	39.2%
daily	227	23.5%
monthly	227	23.5%
infrequently	120	12.4%
	13	1.3%
Total	966	

After reviewing the concepts on the previous page, I prefer Concept

#1 Fill the reservoirs and maintain them	742	76.8%
#4 Other	133	13.8%
#3 Implement a design that reflects the Gustafson Plan	62	6.4%
#2 Leave the reservoirs empty and maintain them	15	1.6%
	14	1.4%
Total	966	

If you selected #4 Other, please describe.

Keep the reservoirs connected and active. The entire reason for doing this is invalid and thoughtless. There is no common sense capitulating to a Federal law that should not apply, and "fixing something that doesn't need fixing".

Portland has some of the best drinking water in the country. This is owed both to our water source, the Bull Run Watershed, and our open air reservoirs. Open air reservoirs allow for oxygenation, natural sunlight disinfection, and harmlessly venting toxic and carcinogenic gases. Burying those reservoirs, or containing them, does not necessarily reduce the risk for contamination. It eliminates the natural water processes that sunlight and air provide, and underground tanks open up other risks that would have to be treated chemically. The concern over cryptosporidium seems blown out of proportion, given that our city has a historically clean track record regarding cryptosporidium; Portland's open reservoirs have never had a serious outbreak of microbial or chemical health illness since they were built over 100 years ago. Portland's open air reservoirs efficiently remove toxic and carcinogenic chemicals. Covered reservoirs cannot, and require strong chemicals such as radon, chloroform and other disinfection chemicals. In addition, the pools of water are an attractive and central focal feature at the park, they are part of what make Mt Tabor beautiful. Draining those reservoirs would change the aesthetic significantly, from pleasant to depressing. The Gustafson plan is visually pleasing, but not worth it at the cost of the quality of our drinking water, or the tax increases/city spending/ongoing maintenance costs it would take to implement it. We can preserve our drinking water, or we can waste water.

Although my NUMBER ONE option would be to not comply with this federal mandate and be a

trailblazer for this issue that we should not even be debating!
and disconnect them in a way that they can easily be reconnected at a future date.
As much as the Gatson Plan is seductive, it's not affordable. Fill the reservoir and maintain them.
As the State of New York did, you should request a waiver from the government. This is the wisest, safest and most cost-effective plan. The open reservoirs have served us well and unlike New York, there is no reason our reservoirs need covering. In fact, doing so would significantly increase the risk of radon exposure all over Portland as well as introduce many more contaminants that are not present in our current open reservoir system.
Build medium- or high-density subsidized low-income residential housing
Completely in a reversible condition.
Continue to ask for a way or so that we don't cover the reservoirs - don't take the water out.
continue to find a variance or delay or loophole or something to keep the reservoirs connected and in use as they currently are
Continue to use the reservoirs, as Portland has for over 100 years. Don't disconnect them at all. Don't mix our water with Willamette and Columbia Rivers water. Don't store our water underground. Stop repairing the faulty new tank and just go back to using the amazing system we've relied on and benefitted from.
Continue to utilize the existing reservoirs as they are for drinking water distribution. Follow the example of other communities who have elected to defer action on the 'treat-or-cover' rules until the EPA's LT2 rule revision is issued. This would preserve scarce city funds for projects that are actually far more pressing such as ensuring seismic safety in Portland Public Schools.
Could they still be a water feature, just not for potable water? There is something calming about having these urban "ponds" floating above the city skyline beyond, not to mention preserving the natural history of one of Portland's most cherished parks.
Decommission the reservoirs and allow nature to take its place. Refill with soil, plant trees, etc.
Decommission the Powell Butte and Kelly Butte Reservoirs and maintain Mt Tabor's reservoirs for municipal water storage.
Delay process to disconnect
DO NOT decommission the reservoirs - they are vital to our clean water supply. INVESTIGATE the deals the city has made with contractors and why. Let the people speak and have a say in where their water comes from and how it is maintained.
Do not decommission the reservoirs. Revoke municipal resolutions resolving to decommission & setting the decommissioning deadline. Challenge the OHA for its unauthorized insertion of anti-open reservoir language into Oregon Administrative Rules against the Legislature's intent. And, if necessary, challenge the EPA to prove that reservoir coverage/decommissioning is necessary.
Do NOT decommission the reservoirs. Maintain their functionality and use them as reservoirs!
Do not decommission these reservoirs!
Do not degrade our pristine water by disconnecting the reservoirs. Leave them as they are.
Do NOT disconnect the drinking water from the reservoirs. Fill them and maintain them as originally intended.
Do not disconnect the reservoirs in the first place!! 1) Please revoke the municipal resolution by which they voluntarily imposed the rush reservoir decommissioning schedule on themselves. 2) Please follow the advice of the Reed Smith legal opinion, and make the EPA prove in court that LT2 is justified. 3) Please challenge the Oregon Health Authority for putting anti-open-reservoir provisions in Oregon's water rules without the permission (and against the expressed intent) of the Oregon Legislature.

Do not disconnect the reservoirs in the first place!! 1) Please revoke the municipal resolution by which they voluntarily imposed the rush reservoir decommissioning schedule on themselves. 2) Please follow the advice of the Reed Smith legal opinion, and make the EPA prove in court that LT2 is justified. 3) Please challenge the Oregon Health Authority for putting anti-open-reservoir provisions in Oregon's water rules without the permission (and against the expressed intent) of the Oregon Legislature.

DO NOT DISCONNECT the reservoirs. Period.

Do not disconnect the reservoirs. Do not spend all that money until the EPA has reviewed the LT2 regulation. The review should be complete very soon. It is foolish to go ahead with this plan and have to undo it. Penny wise and pound foolish. Listen to the people of Portland who do not believe it is necessary to make a mess of Mt Tabor Park, environmentally or historically. Stop spending money that we don't have! Wait until the LT2 rule is reviewed by EPA before proceeding any further with this costly and unnecessary disconnection of the open reservoirs. Open reservoirs serve a double purpose of using sunlight to disinfect the water and open air to dissipate radionuclides.

DO NOT DISCONNECT THE RESERVOIRS!

Do not disconnect the reservoirs. The structure of our water system and therefore our water quality is being degraded by companies who put profit before service and work relentlessly to manipulate government for their own gain.

DO NOT DISCONNECT the reservoirs.

Do not disconnect them at all and let us continue to drink the lovely water. Ask the Governor to request a waiver. Do not support the dishonesty happening withing the water bureau.

Do Not Disconnect them in the first place!

Do NOT disconnect them please. The system works, and has already been mishandled too much. Stand up for Our Health & clean water. Friends of Reservoirs' info is correct & should be heeded. Thanks!

Do NOT disconnect them. Leave our water system alone please. This whole thing has been an unnecessary waste of money & resources. Friends of Reservoirs is correct on all points. Thanks.

Do NOT to disconnect the reservoirs, you are spending money to combat a problem we don't have, and challenge the FDA to prove it's necessary

Don't change anything

Don't decommission the reservoirs. Keep open air reservoirs (not covered, not under ground)—they are the safest for our health. File for an EPA Waiver, as NY did. You haven't even tried. Look into the health problems caused by closed and underground water systems. There is data. Research it.

Don't disconnect

Don't disconnect the reservoirs

Don't disconnect them. Come up with a plan to use science and waivers to challenge federal imposition. Together we can do this! Stand with us, we are the ones who live here!

Don't disconnect! But if you do, then I vote for #1 Fill the reservoirs and maintain them forever and use them for drinking water again when the EPA changes the mis-applied-to-Portland "LT2" rule.

Don't Disconnect!!! Number 1 and 4.

Don't disconnect!!!

Don't disconnect!!!

Don't disconnect.

Don't disconnect. Get the waiver like New York!

Don't disconnect. Leave them as they are right now, providing fresh water to Portland. Infrequently because I've moved. I love this park even though I no longer live near it.

don't mess with the reservoirs. Keep water I them and minimum maintenance as you have for years.

Don't mess with them. They are open reservoirs and communities have used them for centuries. The fact that a person pissing in it caused upset is RIDICULOUS. Open reservoirs get bird stuff, etc...the water if filtered for GOD sake. We need to cut the crap and stop the culture of fear NOW. We can't afford this crap. No one can afford this.

Don't need air gap under reservoirs.

Exception = Reservoir 1 future

Fight to keep reservoirs filled with water and open for health reasons.

Fill in the reservoir and use the land for park and recreation, such as a skatepark or dogpark. Water should be accessible if filled as this will no longer be our drinking water.

Fill them back up and keep them as is. Stop spending our money to pay for your leaking tank on Powell butte!! We don't need covered reservoirs. We have the best water anywhere, stop messing with it. Restore bull run!!

Fill three reservoirs and maintain them and keep them connected so they can supply water at a future rate.

Fill with water like they used to be and maintain is what I mean by choosing option one.

<http://www.cityofrochester.gov/reservoirs/> If the City of Rochester NY can devise a plan to keep their uncovered reservoirs, why can't Portland follow their successful example?

I am a Montavillian and daily user of the Mt Tabor park. Before I bought my home in 2006, I had rented in SE Hawthorne/Belmont since 1992. Mt Tabor has always been a stable, beautiful part of this city. The water in the reservoirs are a big part of the environment of the park, integral to its beauty. It's je ne sais quoi, if you will. The water is gorgeous and calming to look at. So, while I don't think the reservoirs need to be filled to the brim, I do think some water should be in them and we should maintain the current aesthetic. Additionally, if we have enough water to flush because of some ridiculous teenager, then we have enough water to show visually as part of the aesthetic even if not functionally part of the drinking system any longer.

I believe these reservoirs are a valid source of back up water supply in draught conditions. They should have the capability to be put on line in the event of need.

I don't want the reservoirs to be decommissioned

I don't want the reservoirs to be decommissioned.

I like the Gustafson Plan, but it seems overly complex and expensive. Perhaps a scaled-back version of the Gustafson Plan would work.

I live in N. Portland, and I consider Mt. Tabor Park and the Mt. Tabor Reservoirs an historic and aesthetic legacy that is as much mine and my family's as people in the neighborhood. I believe the reservoirs should be cared for, and that means filling the reservoirs with water and keeping them properly maintained.

I prefer that the existing reservoirs are used. There is precedent for this, and the reservoir replacement would treat a problem that Portland water does not have. There would be more health issues due to the materials used to construct the new reservoirs, and the water system would not benefit from the disinfecting effect of sunlight.

I prefer the concept of doing absolutely everything possible to delay action until 2016 when the EPA ruling is secured. Absolutely everything. I am a self-employed commercial and residential real estate investor. In my business decisions I find it is better to spend some money up front in order to save a lot of money later. Even if the reservoirs are kept filled and maintained, the cost of building the closed system which may not be needed is not in the best financial interest of the tax paying citizens of Portland. Investing a fraction of this cost into fighting for a delay would be worthwhile.

I think each reservoir should have its own personality. They could be disconnected from the drinking water system AND remain as water bodies. One (perhaps the south one) should become a 'eco-pool'-swimming in the middle. A few water processing biomes along the edge. Another could be a full on 'muscle

beach' swimming pool- sand terraces, deep water, everything the usual pools are not, but anyone that has enjoyed quarry or lake swimming understands. The third might be a reflecting pool, wading, cooling in the hot weather. Using the existing concrete shells, add waterproofing membranes to avoid tragic water loss, and go for it! We should be the city that shows the rest of the country how to manage our precious water for everyone's enjoyment and health.

I think it is better to keep them filled than empty them. I like the Gustafson Plan a lot, but I think there are other parks in other neighborhoods that need water features and better design more. And the money should be spent on those.

i thought there had also been a concept of covering the reservoirs but maintaining a small pond on top of the covers, which i expect would cost much less than plan 1. i would support that concept too. i am unclear on why the water quality has to be maintained in plan 1 if the reservoirs will no longer be used as a source of drinking water. that seems like an unnecessary expense.

I took a hike at the park on thanksgiving and seeing the sun set over the reservoir was so iconic of mt tabor. Why in the world would anyone want them trashed and who could possibly think that that would enhance the park? Follow the money is what I say, and only someone who would make money on such a public works project would say that the reservoirs should be filled with anything but water. And the disconnection is something else that I do not support. Our water is fine, exceptional in fact, and this is just another example of making money off of the backs of portlanders who are seriously against this whole deal.

I want the reservoirs NOT to be disconnected. I want you to leave our healthy water system as it is...maintained in open reservoirs as it as been without any problems for 100 years. I want you NOT to rip apart our park nor cut down any trees or endanger any wildlife who call our park their home. I want you NOT to burden ratepayers with anymore increases in water rates to fund this unnecessary disconnect project. I want you to work with the EPA to allow Portland to avoid compliance just as Rochester, NY did. I do NOT want the reservoirs drained...and I do NOT want a skatepark or an amphitheater in their place.

I want the reservoirs to stay functional.

I would like the reservoirs to remain as is, providing us with water to drink. It has not been proven in court that closed water is safer than open air water. Open air water breeds fewer contaminants such as e coli. It will cost much less to maintain these reservoirs than to build new ones. It is not right that the Oregon Health Authority make this ruling to close the reservoirs without permission from the Oregon legislature.

I would like water in them - either drinking water or not.

I would love to see all of the reservoirs used as is, with less taxpayer money wasted on Paranoia. However since that's obviously not on the table, I would love to see at least one reservoir turned into a wetland so that nature can maintain it naturally.

I would love to see the city fill in the large reservoir on SE 60th and use the space for playing fields/open grassy areas, then use the middle reservoir as a pond/water feature similar to the pond at Laurelhurst. If that's not possible, I prefer the Gustafson Plan, but it seems cost prohibitive.

I'd actually prefer to continue using the reservoirs for drinking water. I believe that the natural UV that sunlight provides is an important part of purifying our water.

I'd like them to remain AS-IS please. As my drinking water.

If a major park's investment is to happen, then a re-purposing of the structures is a good idea. The upper and middle ones could be left filled, but the lower one we have a real opportunity for an international quality park focal point. How about an outdoor water sculpture garden?

If they can no longer used as a water source.

In addition to filling and maintaining the reservoirs please do not disconnect them from our water supply. I request that you revoke the municipal resolution to rush the reservoir decommissioning schedule. Further. the advice of the Reed Smith legal opinion should be followed: make the FPA prove in court

that LT2 is justified. Finally, please challenge the Oregon Health Authority for putting anti-open-reservoir provisions in Oregon's water rules without the permission (and against the expressed intent) of the Oregon Legislature.

Including fountains or Reservoir 6. Maintain historic structures.

Infrequently but love it. I would like them to look just as they do today.

It seems insane to not use and maintain these reservoirs when research indicates that sunlight helps keep water clean.

It's not broken, leave it in tacked in case of an emergency.

Keep the reservoirs as they are. Do not disconnect them. Use them as part of our water system.

Keep the reservoirs as they are. With good clean potable water. Save the underwater tanks for a community bunker to save us from the perils of terrorism.

Keep the reservoirs connected to our drinking water.

Keep the reservoirs exactly as they are, a treasured storage system that has worked beautifully for 100 years. If you mean fill the reservoirs with water from the Bull Run and maintain them in #1, I choose that.

Keep the reservoirs full and useful especially for a period of 2 years to be sure the wasteful new system is functional and provides us with continued excellent quality water. Keep this system functional.

Keep the reservoirs functional.

Keep the reservoirs functioning as is.

Keep the reservoirs maintained and functional.

Keep them connected and full of Bull Run water. This is a valuable resource and we need to keep it useable by using it! I don't want to shower with radon.

Keep them connected and in use, continuing to provide good quality water to citizens.

Keep them functioning as they have for all these years. If you have to, pay any fine the EPA may impose. Or better yet, ignore the EPA regulations like you ignore federal law concerning use of drugs.

Keep them on line as our water source.

keep using them

Leave as is, don't disconnect

Leave it connected to the drinking water.

Leave our water alone.

Leave reservoirs alone = no disconnect

Leave reservoirs as they are using water as drinking water.

Leave the park alone! It's fine as is

Leave the park alone.

Leave the reservoirs alone. Maintain water system as it exists.

Leave the reservoirs as is and fully functional.

Leave the reservoirs as they are.

Leave the reservoirs as they are, add more security cameras, and don't bow to current threats. The best thing that can be done is to leave the reservoirs for the next generations to enjoy.

Leave the reservoirs as they are, part of the system that deliver Bull Run water to me.

Leave the reservoirs as they are.

Leave the reservoirs connected and maintain them full. This is our homeland security here. Nothing to

play with.
leave the reservoirs connected, filled and maintained.
leave the reservoirs connected, filled and maintained.
Leave the reservoirs connected and as they are.
Leave the reservoirs connected to the Bull Run System so as to circulate fresh water as needed. Allow people to swim in the reservoirs. Introduce plants, fish, and wildlife to the reservoirs.
Leave the reservoirs functional as reservoirs! Portland is the only city in America where we can take a walk past our drinking water and see where it's coming from. It's a wonderful system, the water stays clean through aeration and sunlight, and it's part of what Mt. Tabor Park is. Please leave it!
Leave the resevoirs as is!!! Why fix something that works as beautifully as this monument of a water system does!?
Leave the resovoirs filled, connected and maintained!!!
Leave the system fully functional... It has huge historical relevance. I am this water.. We all are, if you turn on a tap in Portland... You can separate yourself from the water as much as you like, but this clean, pure system? You are part of it.. Bull Run is part of you, it's water is in you.. We own the rights to this clean pure system, much like the Native American of the Columbia basin own the falls at Celilo.. This federal mandate stands between us, and our right to clean safe drinking water. Leave it connected and functional
Leave them as the are. DO NOT DISCONNECT THEM.
Leave them as they are. As they have been for a 100 years. They have searved us well. For a very long time. No need to spend millions to fill the pockets of the mayors neighbor.
Leave them as they were. I used to use the park almost daily. I haven't gone since the summer as the drained and vandalized 2 lower reservoirs are horribly depressing.
Leave them be. Stand up to the Feds! It ain't broke, why fix it!?!)
Leave them connected! Apply for a deferral! Delay your self-imposed work timeline!
Leave them filled, connected and fully functional.
Leave them on line. They are a great reasource and there's no good reason to take them off line.
Let skaters turn part of one into a skatepark, let artists turn part of one into a free art are. Keep one filled with water and maintain for wildlife, use part of another as a place for tiny houses for houseless people, self operated like dignity village
Maintain as is. Keep water in and keep the fountain on. It is a historic site. It should be protected and its history should be taught with some kinds of signage.
Maintain connection/fight decommission. At worst use water in reservoir for gray-water purposes such as watering lawns in park.
Maintain reservoirs current role as part of City water supply.
Maintain the reservoirs fully functional, with water in them. In other words, no change.
Maintain water l'm reservoirs
Make a swim place for people to swim and one for the birds
Multi purpose playing fields where Reservoir 6 is.
My top choice would be to retain the reservoirs as they are and continue to use them. If the open reservoirs do have to be disconnected, I think that reservoir 5 could be turned into an amphitheater, and perhaps one or both of the remaining reservoirs could be turned into swimming ponds for the warm weather.
Not all need to stay full. It may be interesting to put an athletic field of stadium in one and leave others

full. These meetings don't get the opinion of most of the population. The people here are a small group but passionate.

Not interested in fear mongering or turning funds to private corporation.

Number 1 and 2. Number 1 is my second choice. Number 2 in my first choice, and PLEASE FIND A DEFERRAL.

Number 1 and 4, number 1 is less preferred, 2nd only to not disconnecting at all. Number 4, don't disconnect.

Number 1 and 4. Could the reservoirs remain filled and maintained while implementing emergency hook ups to the system? Not disconnected? I understand federal regulations to have covered reservoirs but don't believe all of the potentially adverse health effects of the new reservoirs are known. If we're willing to look at a 40 million dollar project that is mainly cosmetic, we should also look at the cost to develop emergency hook-ups to the system.

Number 1 and 4. Don't change the manner in which they are currently used. Keep providing drinking water! We are Portland--NOT the EPA.

Number 1 and 4. Don't disconnect!

Number 1 and 4. Hybrid concept -- keep reservoir 1 and 5 filled and turn reservoir 6 into public garden or sports field.

Number 1 and 4. Leave them alone. No contracts to corporation to cover the reservoirs. Nature treats water well.

Number 1 and 4. Let's leave the reservoirs alone - sunlight treats water better than covering it with cement. No contracts to cover a gorgeous area.

Number 1 and 4. Make sure reconnection remains possible.

Number 1 and 4. Number 1 Maintain them, most cost effective honoring the historic listing Number 2 means deterioration, destruction Number 3 is too much \$\$, bad design. Number 4. Any other option would cost more than option #1 and be a complicated public process lasting forever. Keep number 1 and permanent financing to restore, maintain, preserve historic structures.

Number 1 and 4. Number 1 is my second choice. Number 4 is my first choice. Keep them functional as they have.

Number 1 and 4. Preserve our entire park and reservoirs as they are officially historic.

Number 1 and 4. Leave it ALONE!!!

Number 1 and Number 4 Gambrusia Fish to help clean the reservoirs and keep down the cost of maintenance cleaning.

Number 1 is less preferred, maintain a option to reconnect to drinking water. Number 4, don't disconnect!

Our reservoir system is not broken and I see this whole project to "cover" or build new underground systems as unsustainable and a means to give away our tax payer dollars to crony contractors. Leave them as is and maintain them as the city has done for decades.

Our Water already meets & surpasses the Federal Government is "mandating." If the Federal standards are actually only going to put things "unknown" into OUR WATER & potentially contaminate what is already working + INCREASE OUR RATES... Fight for OUR WATER - it's what we are made of and the more naturally processed the better.

Part of the appeal of the park is the water element. How stupid would it be to remove that aspect of the park?

Please do not disconnect the reservoirs. If you must make this, in my opinion, unnecessary and unfortunate choice I would opt for #1 as this seems the least damaging to the current system/ecosystem of Mount Tabor.

Please get a waiver for EPA's LT2 ruling and leave the reservoirs as they are.

Please keep our drinking water in the open air reservoirs. It is the healthier, less expensive, and most ethical option.

Please keep the reservoirs as part of our drinking water system. This is what the people of Portland want.

Please keep the reservoirs filled. They are so beautiful and unique. Best yet, keep them on line.

Please leave our reservoirs intact and functioning as is.

Preferably connected.

Process cancelled by Dan Satzman 2003 mid-term - not completed due to Parks.

Review the plan and appeal the decision to decommission the reservoirs. There is a substantial number of citizens who believe there has been no push-back from City Hall and the water bureau over the unfunded mandate to cover reservoirs, ostensibly to protect the public from Cryptosporidium, which has never been a problem for our water supply. The rush to comply with the ill-advised mandate has raised suspicion of corrupt dealings by revolving-door actors in the civic and business sectors. The company that was awarded the work has a poor record for quality and ties to current officials.

Sell the property and turn it into a homeless shelter or build low income housing. I really could care you have already destroyed our drinking water. So go to hell..

The City of Portland should be asking EPA for an Open Reservoir Waiver like New York and New Jersey are currently negotiating! Why is this option not on the table?

The empty reservoir seems the perfect place for a fountain similar to the one at Seattle Center

The Gustafson Plan is spendy and both plans that include leaving water in the reservoirs don't put that water to any use. Why not convert one or more of the reservoirs into a rain catchment system that would at least provide water for the Mt. Tabor community gardens? Rain will be falling into them anyway, so why not use it? Portland currently has four very dry months each summer (very different than when I was growing up here!) and who knows what additional climate change will bring! A large rain catchment system could do much to maintain both our gardens, and if necessary, provide water for trees & shrubs on Mt. Tabor.

The native wildlife depend on the reservoirs, including waterfowl and bats. If they were drained, these animals, especially the bats, would no longer have the food and water they depend upon. So, while I agree with no longer using the reservoirs for human drinking water, I think they should be maintained for the wildlife. My idea is to make them more shallow, in order to use less water. So, my idea is close to #1, but with less water.

The options don't include a compelling locally developed new technology called the Puralytics LilyPads, which float and clean water simultaneously. The round or hex shaped floating pads use a sunlight activated nanotechnology, and are being deployed in Corvallis, have been proposed for the I205 bridge run off, and are funded under a Business Oregon grant. This option is significantly less expensive, deters birds from landing, and treats any contaminant continuously using only sunlight activation. It was voted in the water industry as the "most innovative and disruptive new water technology", and was developed in Oregon by Beaverton startup Puralytics. <http://www.puralytics.com/html/lilypad.php>

The reservoirs should be left as they are now, fully functional.

There is no reason not to use the existing reservoirs

There is no reason to touch the reservoirs other than to maintain the corrupt water bureau. Leave them alone

There's little evidence to support the idea that open reservoirs are less safe than covered ones. City government is being wasteful by disconnecting them and replacing them. Not all of us are fooled!

These should be left and used as designed!

though I would prefer no disconnect.

To avoid future liability from substandard water, the city should continue to use the open reservoirs as reservoirs, as they intend to do in New York, for example. Eventually problems with contractors will be exposed, and the new tank has so many problems it could be used for an expose in Rolling Stone.

turn it into a skate park

Turn Mt Tabor's reservoirs into the world's best skate park and velodrome track. Roller derby events would be cool, too.

Turn one of the reservoirs into an AstroTurf field. Turn the other into a semi-covered velodrome.

Turn reservoir 6 into a multiuse playing field (soccer, baseball) . Turn the reservoir above it into a children's boat pond but retain the look of the reservoir. Keep reservoir #1 filled or create a swimming recreational space there.

Turn the reservoir into a public outdoor, pool!

turn them into recreaTION areas for skaters, bladers, bmx'ers...or do that with res 6 and fill & maintain the others. there was no previous page on which to read the descriptions of the options...just saying...might want to make that more accessible.

Unhappy that we cannot maintain our open air water reservoirs. Perhaps leave one as a water feature. The Gustafson Plan seems like a lot of funding for little redesign. I think we need to reevaluate options of what to do, these options aren't desirable at all.

Wait for a waiver. Post plan changes.

Water will become an ever more important resource do not squander the riches we have.

Wave garden - please visit website below fore more info. ww.facebook.com/wavegardenpdx

Whatever is least disruptive to the beauty of the park...preserve and plant trees.

Whatever the cheapest option is for the time being, until we have better parks in East Portland. Portland needs more and better parks for its most disadvantaged residents more than it needs decorative reservoirs.

Your options aren't understandable. Fill them with what? Dirt? drinking water? Air? disconnect them and fill them with bike lanes, speed bumps and safety crossings. And street cars. Lots of street cars. Oh, and a light rail connection. What ever costs the most. It's not the City's money after all.

Total

189

What else would you like to share with us?

The proposed plan fails to review or implement previous submissions on water monitoring for health and safety. Reasonable options were ignored in the review. The report also fails to consider fully landscape and historical legacy of the reservoirs themselves, as part of our local heritage. It would alter social patterns of use dramatically to not maintain the reservoirs full and complete, including the restoration of fountains.

Covering the reservoirs deprives the water of sunshine and air which keep the water safe and drinkable.

I will comment that I want the reservoirs not just filled and maintained but also functioning in the manner they were designed. Don't disconnect them.

Our well-designed reservoirs have functioned superbly for over a hundred years. Sunlight on them & in the upper Bull Run system have long proved to be the perfect means of keeping pure the water we all use & depend upon. The EPA is virtually certain (in view of the above paragraph) to adopt a practical standard in place of the discredited current one. In the meantime, maintaining the local status quo will NOT produce any negative results...

The server cut me off as I was providing personal identification information... Which will be provided on THIS survey form. Sorry about the complication... Thanks for your attention....

#1!!!!!!!!!!

\$40 million to fill the reservoirs with fancy parklike features is not a good use of city funds given that many streets in our community have unimproved roads, no sidewalks or other deficiencies. It is not a good use of our public dollars to spend such a great amount of money. On the other hand, leaving them empty will look ugly. Drain them and create a public input process using an inclusive process, partnering with Multnomah County to apply the Equity and Empowerment Lens, to determine alternative uses for the empty reservoirs.

*Explain why Portland can't delay until after the EPA's 2016 ruling. *Answer community questions about no bid contracts.

-water supply use is part of historic aspect -presence of water is critical part of use of park and ambience of park. -water is soothing What is the cost estimate to reconnect if the current plan goes forward?

1) Given the city's well-intended and wise effort to prepare for a 9.0 earthquake, it's thoroughly hypocritical to propose any options other than keeping the reservoirs open and functional. 2) The Commissioners (and the Mayor and the Governor) have not successfully defended their claims that all options for keeping the reservoirs open have been exhausted. 3) The Commissioners behavior in this matter has been nothing short of disgraceful. Intentionally fleeing the summer meeting before taking questions from the public was shockingly disrespectful. Censoring public testimony at City Hall recently was unjustifiable. Fish's silence on matters of PWB cronyism at the last meeting spoke louder than any defense he could (and should) have offered. The Commissioners have deservedly lost the public's trust. They are no longer fit to govern.

7 generations of our families have enjoyed the beauty and simplicity of our functioning Mt. Tabor Reservoir system. It is a marvel of good engineering and healthier than the alternative the city has forced down the throats of its citizens with lies and dishonest representations of the law. Yes I am a trained scientist and have reviewed the science and the budget. It is widely perceived by study of the history of the Mt Tabor Reservoirs that this proposed dismantling of them is due to corruption in City Government - and has never reflected a genuine interest in the will of the people you supposedly represent. The EPA rule is not backed by peer reviewed science and does not justify the debt being created. Many other communities have applied for and received waivers which you have refused to attempt. Hales, Fish and Fritz to the extent that you have cooperated, shut out meaningful community input and clung to false excuses for the project are perceived by multigenerational neighborhood residents such as our family as criminal violators of the public trust. I would guess that you have no real idea of the deeply held value of the park and the waters to those who have shared in its generousities for generations. We grieve every day at the violence being imposed upon us. We hope that you will see the light and stop the destruction. In the mean time please respect the integrity of our beautiful system and do not create irreversible damage.

A thousand people could pee in the damn reservoir and it would still be perfectly safe. This is not a priority, in fact it's not even an issue. It's a distracting made-up crisis where once again, the public can be distracted into spending their valuable "spare time" on preventing stupidity rather than using that time to deal with real issues.

Actually, I think Portland should fight to keep them operational. But I suppose it is too late for that. So 2nd choice: Gustafson plan.

Again -- The structure of our water system and therefore our water quality is being degraded by companies who put profit before service and work relentlessly to manipulate government for their own gain. We need to stop rewarding greed, aggression and dishonesty in both business and government --- start treating these qualities as mental illness and curbing those who are driven by them.

Although I understand the desire to create jobs, I do not want those jobs to come from unnecessary, environmentally damaging, and expensive projects. We have had safe water from Bull Run with nature doing a lot of the work of safely "cleaning" the water with sun and air for over a hundred years. I do not think Portland's elected officials have done enough to get a variance from the federal requirements as has Rochester, NY, for example. Moreover, the historical and aesthetic considerations should be given weight also. Our society looks at dollars as the main consideration and eschews other values such as aesthetics. Thank you for reading this comment.

An attractive destination park would go a long way toward integrating close-in northeast/southeast with East Portland.

And allow them to be easily reconnected if the opportunity arises in the future.

Another option would be to fill the reservoirs, cover them, and maintain a reflection pool on top of the cover. That would meet the EPA mandate to cover open reservoirs but also satisfy neighborhood residents' requests to maintain the beauty of the park.

Anything else would be a huge waste of money.

Appeal to the highest authorities available in order to defer the covering of Portland's reservoirs and avoid spending hundreds of millions of taxpayer dollars on a project that will most likely soon be proven to be unnecessary.

As a historical feature of the Mt. Tabor neighborhood, I believe we should invest in maintaining the scenic feature of the reservoirs.

As a PWB rate payer I also hereby make the following demands: 1) The City should submit an actual scientific response to the Oregon Health Authority along the lines of what was presented by Friends of the Reservoirs: www.friendsofreservoirs.org/resources/OHADeferalJune2013.pdf 2) Some kind of *honest* 3rd party investigation of the involvement of former PWB director Joe Glicker (now CH2M Hill) and Rhodes Trussell (of MWH at the time) in the EPA LT2 rule making process, including the National Academies' report on radon in drinking water, and the resulting no-bid reservoir construction contracts with the City. Huge conflict of interest!

As a stakeholder in the Mt. Tabor area (I am a homeowner on 60th, just down the street from the reservoirs themselves), I would of course prefer that the reservoirs not be disconnected at all--the scientific and economic arguments for keeping our open reservoirs far outweigh the EPA's one-size-fits-all legalisms--but if 'twere done, it should be done with the minimum amount of discontinuity with the past, and a maximum of reversibility, should the city ever come back to its senses and want to reconnect our pure water supply.

As a tax payer, I am appalled at the way the city council has handled this whole thing! The impropriety of paying Joe Glicker as a consultant knowing full well he works for the company that received the no bid contract is beyond obvious conflict of interest....even a child could see that!! Our water is very important to us, and there is no solid evidence that it should be covered. Water needs light and oxygen, and as is obvious from the Powell Butte reservoir, that covering it is not the answer! It's a lot of short-sighted political posturing, and we the citizens of the Tabor neighborhood DO NOT WANT our gravity-fed, sunlight-sterilized water messed with for a short term profit!! Do the right thing!!! Save our beautiful reservoir!!!!

At the recent public meeting I learned that cracks in the new underground reservoirs put the water supply at risk for radon contamination. If this is true it is an additional and compelling reason for Portland to fight for the current open and safe reservoirs.

Before I broke my leg, I was active on the foot patrol. I miss it! I love the park!

Bonding for boondoggles has a life span. Eventually, this practice will hit its end.

Call me or give me a phone number to call you.

Can we PLEASE stop trying to fix what isn't broken? This has become virulent on the national level, but needn't be on ours. Let us maintain our foresightedness and clearheadedness here in Portland, Oregon. Especially with our water, which is more valuable than any other commodity.

Chemical and biological agents have 2 natural enemies, heat and light! None of these reservoirs are so deep to offset the effects of day light. In fact 8 hours of day light can kill 90% the germs in water.

City hall lies and sucks.....

Clean up the corruption in the water burue! Randy Leonard's legacy of selling out the health, safety, revenue and well-being of Portland water continues with Nick Fish. The city council, mayor and department heads will all be taken down by this scandal. Looking forward to seeing Nick Fish, thrown under the buss with Joe Dicker. Your career is over. Prosecute Randy Leonard for his role in this corruption. If the mayor and council continue this criminal corruption you will all be exposed for the corrupt Naked sell-outs you have become. Do the rite thing. End it. Blame Nick and throw out the rotten Fish. Someone Has an opportunity to be a political hero and cement a real legacy by turning this mess around the one who steps into that roll will have much clout with the citizenry.

Close Bull Run to the public and do not allow it to be coded "institutional" Pull GE out of Bull Run. Expose the spin Joe Glicker used in the EPA Open Reservoir Manual.. he implied all the horrific unexposed incidents that DID happen in closed systems "could" "may be" happen in Open Reservoirs. After speaking with a Water Expert within the industry, I was educated. Europe has had OPEN Reservoirs for 1000's of years, we have one of the best Open Reservoir Systems in the nation and we know it... It has now been compromised by GREED and justified by a FEAR Campaign to extort from its citizens of Millions of dollars to line the pockets of such companies as CH2M Hill, GE and now Mayor Hales, Senior VP of another Giant conglomerate master. And to boot, Gail Shibley who controlled the Oregon Health Department and who the EPA when challenged over the LT2 Rule deferred decision power to, is now Mayor Hales Chief of Staff. And the permits given by the county to the city by the city attorney to include a boogas EMERGENCY on fish runs that are washed out every year because of the winter run off during spawning season. These coverups and lies are getting exposed.

Closing the reservoirs was hugely expensive and completely unnecessary. Everyone on city counsel should resign for the good of Portland and its tax payers. The Water Bureau continues to rip off the rate payer both with storage tanks we never needed and that ridiculously overpriced office building. I don't know how the water bureau and city council sleep at night, they are so incompetent and such poor managers of city business and tax payer money.

Commissioners are not the ones who gets to decide what to do with our City's water. Citizens get to decide. Commissioners Fritz and Fish: stop blocking the process of what the people want.

Concerns about safety in the water do not seem to be scientifically sound. Let's not decide to drain them based on fear and a misinformed public. I used to jog around the lower reservoir weekly when I lived closer.

Conditions will always change. Some traditions, however are worth keeping and maintaining. The PDX City Council is WAY off about what to do w/our reservoirs. Destroy the charm / destroy the history / destroy the city.

Consider new ideas for resevoir 1 --maybe redo as an attraction water feature and surrounding habitat for birds/bird watching. Other idea = PP&R aquatic classes

Contrary to the opinion of the friends of the reservoirs this selection does not indicate that I oppose the disconnection of water system. They have had their heads in the sand since day one and will never be satisfied. Leaving water in the reservoirs will preserve the present aesthetics at a very reasonable cost.

Could cost of keeping reservoirs filled be reduced by filling reservoirs 2/3 with stone/clear gravel?

Cut No trees! unacceptable! plant more trees of course. but cut no trees. this is not a radical idea. use them as public owned swimming pools

Disconnecting the reservoirs in Mt Tabor and Washington Parks is unnecessary and a waste of ratepayer money. Please work on submitting a waiver to LT2 instead of proceeding with reservoir disconnection activities.

Disgraceful that the City Council and Water Bureau are planning to degrade our water system at great expense to our health and pocket books. You should all be fired.

Do a better job of listening to the people

Do not chop the trees down

Do not disconnect from drinking water supply.

DO NOT DISCONNECT the reservoirs.

Do NOT disconnect them. Leave our water system alone please. This whole thing has been an unnecessary waste of money & resources. Friends of Reservoirs is correct on all points. Thanks.

Do NOT dismantle the pipe connections from the reservoirs which would make it IMPOSSIBLE to reconnect the reservoirs once someone with an ounce of sense decides it was never necessary in the first place!

Do not do not do not cover the reservoirs. It is expensive , senseless , and can be avoided.

Do not implement any plan that comingles our quality water with inferior tasting or quality of water. Minor and gradual improvements could be made over time to create an attractive visitor attraction and experience.

Do not sell the people short. Think long term. Be smart.

Do not under any circumstances develop on Mt. Tabor! This should be a non issue. No more over developing of this city.

Don't close down the reservoirs

Don't develop Mt tabor. The water is great, don't try to fix what ain't broke.

Don't disconnect the reservoirs! Practice good stewardship of this invaluable resource and park!

Don't let corrupt special interests control municipal government...you are spineless if you do. A case in point follows... What about the whole issue of letting developers rape neighborhoods with their cookie-cutter 2500 sf houses...Amanda Fritz has to go!? I spoke to her person in charge of development, and that woman was so obeisant to developer interests, that I would not be surprised if there is a scandal brewing, because she is bought and paid for by the developer lobbyists. She actually said that they wouldn't knowingly violate city ordinances, and that they have the best interests of neighborhoods in mind. What ignorant crap! Steve Keller Woodstock Neighborhood Association friends with Robert McCullough, Eastmoreland Neighborhood Association

Don't make the park a construction zone.

Don't mess with them. They are open reservoirs and communities have used them for centuries. The fact that a person pissing in it caused upset is RIDICULOUS. Open reservoirs get bird stuff,etc...the water if filtered for GOD sake. We need to cut the crap and stop the culture of fear NOW. We can't afford this crap. No one can afford this.

Don't privatize our water!

don't privatize the water!!! it's for everyone, not only the wealthy!!

Don't waste our tax dollars making some crony contractor rich.

Draining or using the water in the reservoirs needs to be based upon scientific testing and not media hype. I know the water is tested weekly and double tested if total levels require it. The city doesn't issue boil orders based on anything less than scientific testing. Why drain the reservoir for anything less?

EPA was influenced by fear & corporate greed after 9/11. Unbias science and nature are the best guidelines to follow.

Extremely disappointed in the lack of transparency in the process leading up to the current water management plan.

Extremely disappointed in the City's handling of this issue, especially when the City could have applied professional, extended efforts to obtain a variance, and thus maintain the park's crown-jewel reservoirs. In fact, it would be far less expensive to establish a fenced buffer zone and additional security than to undergo deconstruction and establishment of another reservoir elsewhere. Shame on you for handling this issue in the back room, with "loaded" facilitation and favored contractors. PS: I have lived in Mt. Tabor for 25 years and bought here because of the park.

Family has lived in Mt. Tabor for 63 years. Strongly want reservoirs still filled and maintained. Can use

grey water when you drain reservoirs.

Fight this Portland. New York beat it, why can't we?

First, and foremost the Friends of the Reservoirs oppose the Portland Water Bureau's plans to disconnect the Mt. Tabor reservoirs from Portland's drinking water system. The onerous and currently under review Long-term Enhanced Surface Water regulation (LT2), the pretext for the disconnection, is primarily a surface water regulation in which an open reservoir provision was inserted requiring that systems with open reservoirs either "treat or cover" the reservoirs to address *Cryptosporidium* and other non-existent contaminants. The Environmental Protection Agency (EPA) has indicated that completion of their LT2 review and revision will take place in 2016. There is no deadline in the LT2 regulation for compliance with the reservoir requirements, mandates without a scientific basis, included without the EPA having conducted any scientific research or collected any national scientific reservoir data to support the requirements. The LT2 regulation was promulgated responsive to a 1993 incident in Milwaukee, WI wherein human and cow sewage present in Milwaukee's unprotected watershed backflowed into their drinking water system through a costly state-of-the-art filtration plant. The LT2 rule has been widely and substantively criticized as it was based on a sampling methodology that fails to distinguish between the majority harmless *Cryptosporidium* species and the few that are infectious to humans. The reservoir requirement was inserted into the rule without the Safe Drinking Water Act prerequisite use of the best science available. The Portland Water Bureau was the single utility seated at the table in Washington DC crafting this, by all accounts, poorly crafted EPA LT2 regulation. The PWB brought with them (under contract) a cozy consultant whose associated global engineering firms would profit from a regulation that focused on build projects as opposed to more effective watershed protection or mitigation efforts. The plan to disconnect the Mt. Tabor reservoirs from Portland's water system by December 2015 was proposed in isolation by the Portland Water Bureau. The Portland Water Bureau (PWB) in defiance of the 2004 Reservoir Panel Council ordinance # 36267 crafted this fast-track and excessively costly reservoir burial and disconnect plan without any stakeholder involvement. While it is unclear why this reservoir disconnection compliance plan could not be accomplished without all of the cutting and plugging, and the removal and replacement of pipes as proposed by the Portland Water Bureau, other alternative compliance options exist. Contrary to statements by the Bureau of Development Services, Portland Water Bureau documents secured through public records requests confirm that the Portland Water Bureau did not conduct an analysis of the "treatment at the outlet" alternative. The Bureau has admitted that they did no more than a "back of a napkin" examination of this option. Installation of two 24" ultraviolet light bulbs is the alternative compliance option that will be utilized at Rochester's historic open reservoirs in 2022, if the EPA fails to reinstate the "risk mitigation" alternative as part of their review and revision of the LT2 rule. Rochester has two large historic (1876) open reservoirs similarly set in city parks. In light of New York's Senator Schumer's 2011 success in getting the EPA to agree to review the LT2 regulation and in light of community support for retaining their historic open reservoirs as a part of their drinking water system, in 2011 Rochester sought and subsequently secured a ten-year deferral of all LT2 reservoir compliance work including project pre design. For more information on Rochester's compliance plan contact Michael Bushart, P.E. Senior Engineer/ Water Design, (585) 428-7567. Mr. Bushart can put you in touch with recently retired engineer Len Schantz who was the lead engineer involved in developing Rochester's reservoir compliance plans. Responsive to continual community pressure from a broad-based group of stakeholders including environmental, public health, business and neighborhood organizations, Portland made two perfunctory requests of the Oregon Health Authority to approve a deferral of the PWB's reservoir compliance plan. The City failed to back up their requests with the appropriate level of documentation nor did they engage in necessary next step lobbying to assure the success of the requests. See the Friends of the Reservoirs reply to OHA's 2013 denial (posted below) for more information on the basis for a deferral. In 2012 Portland community stakeholders advocated that the City Council change its open reservoir compliance option to installation of hypalon-like or floating reservoir covers (Hypalon-like cover grills had been installed prior to any mandate, and remain in place at the Washington Park historic reservoirs). While the community would likely not accept reservoir covers as a long-term solution, hypalon-like covers would meet the current LT2 requirements, and provide opportunity for Oregon's Congressional delegation to advocate alongside the New York delegation for reinstatement of the "risk mitigation" option inexcusably removed from the draft EPA LT2 rule. At least one member of Oregon's

Congressional delegation has said that he is willing to work in support of reinstatement of the "risk mitigation" compliance option, but is unwilling to lobby for such without the support of Portland City Council. REQUESTS for CONDITIONS and MITIGATION MEASURES The Friends of the Reservoir supports the Mt. Tabor Neighborhood Association request for conditions and mitigation, however, alternative compliance options should be further investigated including whether the cutting, plugging and replacement of pipes is necessary. The Historic Landmark's Commission should further explore alternative compliance options such as hypalon-like floating covers and Rochester's 2022 plan to install two 24" UV bulbs should EPA fail to reinstate the "risk mitigation" option. Further, Friends of the Reservoirs specifically requests that the Historic Landmark Commission minimally require as mitigation that the city undertake completion of the recommendations as delineated in the Dortinagnacq 2009 Mount Tabor Reservoirs Historic Structures Report Tabular Summary setting as a priority work projects from the Tabular Summary that are recommended to be completed before others (See the memo titled "High Priority Project List" which is included in the Appendix). As the report states: "These more immediate work projects were identified either due to urgency, or because the task is both needed and is a readily achievable work item." The Commission should require that priority work be completed in the next two years given that 5 years have already passed since this report was published. As the Mt. Tabor Neighborhood asserts "this project is insufficiently funded to mitigate Approval Criteria failures." The Water Bureau selected a compliance plan that replaces the Mt. Tabor open reservoirs with underground tanks at Powell Butte and Kelly Butte. The same PWB consultant who was at the table crafting the Federal LT2 rule was awarded the Powell Butte tank design contract (CH2M Hill) and his former engineering firm (MWH Global) was awarded the Kelly Butte tank design contract. This same consultant, then with MWH Global, lead (under what became a 9-year PWB/MWH Global contract), the Powell Butte Land Use process. Thus over a half million dollars has been spent on "mandated" mitigation construction of a \$500,000 Powell Butte park caretaker house now occupied by a Water Bureau employee. Significant dollar amounts were spent on other Powell Butte park amenities. While water demand has declined for 27 years there was no need to construct a 50 million gallon Powell Butte tank except for the Portland Water Bureau's having chosen a LT2 compliance plan that replaced the fully functional and recently upgraded Mt. Tabor reservoirs with tanks on Powell Butte and Kelly Butte. Similar if not greater mitigation funding must be required for the nationally recognized Mt. Tabor historic site, given that the impact is more significant. The cost of the Powell Butte LT2 tank project has been excessive and the result problematic on many fronts. Upon completion, the tank was found to be of such poor design that 3200 cracks were causing massive leakage on a daily basis. The cost of this project was estimated in December 2013 to be over \$120 million but has likely escalated given the need to address the significant cracking. This cost is much higher than the cost of larger tanks built elsewhere such as Seattle's 60 million gallon Maple Leaf tank that was built for around \$55 million. We agree that "damage to the Mt. Tabor historic sites is far greater than the cost of pipe capping, and the funding should not be so arbitrarily scarce. The resources protected at Mt. Tabor are not being appropriately cared for. Preservation work/mitigation funding can and should be commensurate with the site impact", not just with the budget of this one little slice of the PWB's chosen compliance plan. FRIENDS OF THE RESERVOIRS RESPONSE TO OHA DEFERRAL DENIAL Mr. David Leland June 21, 2013 Oregon Health Authority, Drinking Water Program P.O. Box 14450 Portland, Oregon, 97293 Sent via e-mail Dear Mr. Leland, This letter responds to the Oregon Health Authority's rejection of the City of Portland's request to defer "onerous" LT2 open reservoir projects at Mt. Tabor and Washington Park, projects that by all accounts will provide no measurable public health benefit. We ask that the OHA and the City of Portland go back to the drawing board and work together to approve a lengthy deferral. In denying Portland's first request for deferral of LT2 open reservoir projects, OHA provided no basis other than to state that EPA required steady project progress, barring construction delays. Rochester's deferral of all LT2 reservoir projects including preplanning, related to their two historic open reservoirs set in City parks, until at least 2022, demonstrates that EPA is not requiring continued steady, project progress. There is no deadline in the LT2 rule itself for completing LT2 reservoir projects. A thorough review of OHA's second denial and internal communications finds no legitimate or scientific basis for denial. We have concerns that this may have been a political decision. OHA internal communications indicate what we know to be the case, that there remains opportunity for OHA and the City of Portland to work out a rational deferral plan. A broad-based coalition of organizations support a lengthy deferral, one that allows Portland to benefit. alongside Rochester. NYC and others. from the LT2 rule revision. set for

2016. (Please see coalition letter to OHA November 19, 2012, updated December 10, 2012) Director Bruce Goldberg's April 28, 2013 e-mail communication to Dave Leland suggests that there could be options that could be put in place beyond full-scale changes to assure water safety,"willing to consider other suggestion city might have to assure water safety etc." Though Dave Leland is quick to dismiss this suggestion, he does state in his reply to Goldberg " The City is of course (is) free to try to continue the discussion later with us if they choose, like anyone else." OHA/ PORTLAND FAILURE TO COMMUNICATE A review of the process makes clear that there was a complete failure to communicate in any meaningful, substantive way with the City of Portland while evaluating the City's deferral request. OHA and the City of Portland must work together in support of a rational outcome, an extension of the time line. This failure to communicate stands in stark contrast with the cooperative nature of the agreement which allows Rochester a 10-year deferral of plans to "treat" at the outlet of their two historic open reservoirs set in City parks. ROCHESTER AND PORTLAND COMPARISON OHA stated that Portland and Rochester water systems are not similar water systems. Indeed, most water systems have differences from other water systems. However, differences are not a basis for denial. OHA states that Rochester has a filtration plant and suggests that Rochester is deferring it's LT2 open reservoir projects (treatment at the outlet of the open reservoirs) in order to pay off the filtration plant. Rochester's filtration plant is a source water filtration plant, not a post reservoir treatment plant. Rochester has only minimally sampled the water exiting their filtration plant, so to use OHA logic, we do not know if this filtration plant is protective of public health. We do know that all public health problems have occurred in systems where a filtration plant was in place. More to the point, documents obtained from officials in Rochester state that they are deferring open reservoir projects (Cryptosporidium treatment at the outlet of their open reservoirs) for a number of reasons including revision of the "onerous" LT2 rule (see Rochester documents provided OHA in November 2012). Unlike Rochester, Portland ratepayers will be paying off \$40 million in open reservoir upgrade projects until approximately 2030, \$23 million of which are associated with a 2007-2011 Slayden Corporation construction contract # 37524, one of four recent open reservoir upgrade contracts. A consulting firm, Montgomery Watson Harza Global, was hired by the Portland Water Bureau and studied the open reservoirs under a 9-year contract. One of their tasks was to list projects (see pp. C1-5 in this link) that would maintain the safe function of the reservoirs until 2050. The majority of these projects were completed under four contracts. (These documents were secured through public records requests.) Good governance says that these investments should be protected, particularly given that sound scientific study confirms that Portland's open reservoirs already meet the goal of the LT2 rule, which is intended to reduce the level of disease in the community from Cryptosporidium, Giardia and virus. And like all open reservoirs, Portland's open reservoirs have never been the source of any disease. OHA OMITTS CRITICAL FACT, IGNORES LOW-COST OPTIONS OHA maintains that a legitimate OHA reason for denial of deferral of LT2 Cryptosporidium reservoir projects is that Rochester treats at the outlet for bacteria and Portland does not. OHA fails to acknowledge that the chlorination facilities located at Portland's open reservoir sites are capable of treating at the outlet for bacteria if this were ever deemed advisable or necessary (See PWB communication with OHA and MWH 9-year study documents). Both Rochester and Portland have chlorination facilities located on site, next to historic open reservoirs. Rochester uses free chlorine and Portland chloraminates it's drinking water. The chlorination facilities in Portland are currently used only to provide a "boost" of chlorine when necessary. OHA has been advised by the Portland Water Bureau that Portland could use these chlorination facilities to retreat for bacteria. (See public records- PWB communication with OHA, and MWH global 9-year reservoir study documents.) 1. Why did OHA omit the fact that Portland could retreat for bacteria if adding more chlorine beyond "boosting" is deemed a Rochester advantage? 2. Does OHA recommend that Portland retreat for bacteria beyond adding a "boost" of chlorine when necessary? What would be the measurable public health benefit or scientifically documented reduction in risk from adding more chlorine or re-treating the water? We look forward to OHA's prompt response to each of these questions and others that follow. As OHA is aware, bacteria commonly occurs in buried infrastructure, buried tanks and buried distribution piping (see information below). BIRD WIRES OHA is seemingly suggesting that Rochester's having installed bird wires is a public health advantage, while offering no scientific evidence to support this. The PWB could install bird wires. The PWB's 9-year reservoir study (MWH Contract # 30491, Volume 4 Facilities Evaluation) recommended installation of bird wires around the year 2018. The recommendation to delay installation until 2018 is indication that MWH Global had no immediate public health concerns. The same study indicated that there had never

been any public health problems associated with open reservoirs. The City's 2004 Independent Reservoir Panel that cost ratpayers more than \$500,000, recommended installation of bird wires. The PWB ignored this recommendation while proceeding to spend \$40 million on open reservoir upgrade projects. Either the PWB has been negligent in their failure to install bird wires or they did not believe birds to be a public health risk. Does OHA believe that the Water Bureau has been negligent or incompetent in failing to install bird wires? Does OHA believe the Portland Water Bureau should install bird wires and, if not, why did OHA reference Rochester's bird wires if OHA does not believe that they are beneficial? CONTAMINATION IN COVERED AND OPEN RESERVOIRS OHA suggests that open reservoirs are subject to recontamination and that any bacteria is a threat to public health. As is well documented in literature, locally and around the nation, both open and covered storage facilities are subject to recontamination, including bacteria contamination. Most importantly, only covered storage facilities have been demonstrated to be the source of any public health problems, deaths and illnesses. EPA's Total Coliform Rule white paper, Finished Water Storage Facilities, documents instances of covered storage public health problems as does the EPA LT2 rule itself. (See Gideon, Mo. Salmonella outbreak.) In Portland, contamination of a buried tank occurred on May 27, 2012. This 2012 break-in of Reservoir 7 involved vandals breaching the buried tank and throwing into it a bottle of hydrochloric acid and other items. (PWB Incident Reports were secured through public records requests.)The PWB failed to inform the public of this contamination. The PWB withheld this information from Oregon Health Authority for a month. BACTERIA IN UNDERGROUND INFRASTRUCTURE Bacteria is detected throughout Portland's distribution system including at the buried Powell Butte tank and at other locations such as the October 2012 E-coli detected in Sellwood at 9th and Ochoco (underground infrastructure). The Portland Water Bureau reports that they spent significant public resources preparing for a massive boil water alert responsive to the October 2012 Sellwood bacteria detect. Though a boil water alert was averted, OHA communications with the PWB (secured through PWB public records requests) raises questions about what appears to be a disparity in OHA's handling of E-coli detects when they occur in underground infrastructure, including the detect at the Sellwood site. (See Carrie Gentry e-mail to Yone Akagi which advised in advance of the repeat sample results, that even if the repeat sample returned positive for E-coli or Coliform OHA would consider invalidating if other sample sites were negative). The city of Tigard issued a boil water alert in 2012 as a result of an E-coli detect in their distribution system (in underground infrastructure). There is no regulatory requirement to cover open reservoirs to address bacteria. Such a requirement would be irrational. Covered reservoirs are subject to recontamination and bacteria (Coliform and E-coli) detects but are problematic in other ways. For example, nitrification is documented as a risk in the LT2 rule itself and in EPA white papers associated with the recent revision of the Total Coliform rule. (See LT2 1997 study of New Jersey reservoirs and EPA Total Coliform Rule Nitrification white papers) The appropriate response to bacteria detects including the non-infectious bacteria at the Washington Park reservoir is for the utility to determine the source of the problem and take corrective action such as improved basic system maintenance. LOW PUBLIC HEALTH RISK We know of no scientific evidence that demonstrates a difference in public health risk between covered reservoirs and open reservoirs. The LT2 open reservoir "treat or cover" requirement is not based on any national sampling data. EPA failed to conduct even one single national round of sampling at open and/or at covered storage facilities. At the April 2012 EPA public meeting related to the requirement to review and revise the onerous LT2 rule, Tacoma's engineer Chris McMeen in describing their reservoir covering program did not identify any LT2 Cryptosporidium, Giardia or virus problems with their open reservoirs. Instead he concluded his presentation by stating that the public health risk to their open reservoirs was low, it was the same public health risk as with their covered storage, and that there were no differences in public health risk. OHA advised that Kari Salis listened in on at least part of this meeting. Even if she missed McMeen's conclusion, she heard no scientific evidence which described a measurable difference in public health risk between covered and open reservoirs. EPA's engineer, LT2 lead Stig Regli, could offer no review of any scientific evidence that supports the reservoir requirement or a difference in public health risk. To our knowledge none exists. The official LT2 record (reviewed by the City of Portland and community stakeholders such as Friends of the Reservoirs) contains no more than a handful of documents that mention the words "open reservoirs" (there are approximately 700 documents in the record) and no national sampling data on open reservoirs exists. The LT2 record contains but a single 1997 study of non-engineered, lake-like open reservoirs in New Jersey conducted by Mark LeChevalier, William Norton, and Thomas Atherholt. Their published report (AWWA Journal

volume 89, issue 9), Protozoa in Open Reservoirs, did not support a LT2 "treat or cover" requirement for open reservoirs because the public health risk was described as low. Rather, the researchers concluded by referencing the well-known risks associated with covered storage, "nitrification" (a serious problem common to systems using covered storage and chloramination), "degradation of water", and "problems with covers themselves". The researchers also stressed the importance of developing improved Cryptosporidium sampling methods, methods that accurately assess the viability and infectivity of Cryptosporidium oocysts, another of the significant LT2 issues that remains problematic today. OHA is aware that the City of Eugene is currently having problems with contamination of a covered reservoir. The Seattle Times reported (July 17, 2009, Major do-over for two Seattle reservoirs) problems with MWH Global reservoir burial projects, contamination of newly constructed buried tanks due to leakage related to cover design. MWH Global is the same global engineering corporation that was involved in crafting the LT2 rule and is currently profiting from implementation of the LT2 rule. ECONOMICS The arguments made by the City of Portland (February 4, 2013) and the coalition of organizations supporting a delay in the schedule and retention of the functionality of Portland's open reservoirs (November, 2012) should be re-examined. Since these communications in April 2013 the Water Bureau has taken on a significant amount of new debt. (See \$253,635,000 Water System Revenue and Refunding Bond, 2013 Series, <http://www.portlandoregon.gov/bfs/article/445929>) Portland's LT2 compliance costs are approximately 90% higher than those being deferred in Rochester. Additionally, Portland just spent \$40 million on open reservoir upgrades. Among the nation's 50 largest cities Portland's water bills are the 8th highest according to a 2012 annual survey report by the American Water Intelligence. Portland ratepayers pay higher water bills than Phoenix, a city in the desert. DISCOUNTING SCIENTIFIC STUDY OHA supports the expenditure of ratepayer dollars on participation in scientific research but discounts sound scientific peer-reviewed research when that research (AwwaRF 3021) does not support spending hundreds of millions on controversial reservoir projects for no measurable public health benefit. It will take Rochester approximately 10 years to collect the statistically significant sampling data the Portland has collected to date at its open reservoirs (7000 liters AwwaRF 3021) and at our source water (over 10,000 liters). Rochester confirmed to us in May 2013 that they are sampling only 50 liters per month at their open reservoirs. Rochester, unlike Portland, has not participated in any scientific research at their reservoirs, nor have they collected any disease surveillance data that would support a deferral. The AwwaRF 3021 researchers concluded that Portland already meets the goal of the rule which is to reduce the level of disease in the community from Cryptosporidium, Giardia and virus. This was based on statistically significant sampling at the outlets of Portland's open reservoirs. EPA LT2 REGULATORY REVIEW, REVISION, NEW RESERVOIR SCIENCE We believe that the LT2 revision process will result in alternatives for the open reservoirs. Responsive to Obama's Executive Order 13563 that agencies revise and repeal onerous regulations on March 18, 2011 NYC submitted substantive, detailed comments (see pp. 1-10) including very specific objections to LT2 open reservoir requirements (pp. 8-10). When EPA ignored NYC's request to include revision of the LT2 as part of this review process Senator Schumer, Mayor Bloomberg, and NY's entire Congressional delegation intervened. EPA agreed to review the regulation both as part of standard review process, but more significantly, under Obama's Executive Order mandating revision or repeal of onerous regulations. Contrary to OHA's assertion, that there is no new evidence, New York submitted more than 167 pages of new scientific data and research. Portland submitted the AwwaRF 3021 scientific peer-reviewed study and information on Portland's massive 7000 liters of sampling data plus disease surveillance data (source water variance). Rochester will be submitting new data. In light of the fact that EPA's LT2 "treat or cover" requirement was based on ZERO scientific data and no scientific research that supported a "treat or cover" requirement, the "onerous" requirement must be revised to be in compliance with Obama's Executive Order and to restore some level of trust in government. EPA is required to evaluate alternatives. We remain concerned about the clear conflicts of interest related to engineering firm's involvement in both crafting the EPA LT2 regulation and profiting from implementation of the regulation. CONCLUSION For the many reasons stated above and in previous communications, Portland stakeholders request that OHA immediately engage in a cooperative effort with the City of Portland to approve a well-deserved lengthy deferral of onerous LT2 reservoir projects. Sincerely, Floy Jones for Friends of the Reservoirs Cc Mayor Hales and Portland City Council Representative Earl Blumenauer Senator Merkley Interested Parties

For the love of our children. save the reservoirs! Find a message. You have the opportunity to be our

heros.

Force the use ase designed.

Foremost, this is a park where reservoirs happen to be located. Don't distrub the park. In other words, keep things as they are.

go to bat for us against the epa as our elected officials. This is crony capitalism to disconnect.

Grew up on Harrison CT. It's my park!

I also like the Gustafson Plan but without secured funding I chose #1 as my preferred concept.

I am a long time resident & voter, living in this neighborhood near the reservoirs.

I am a resident of Mt. Tabor. I would like to know what the costs were for maintaining the current reservoirs. I chose the first option because: A. It will keep the Park unaltered. B. The costs to maintain them I assume will be the same (or less?) than the current costs to maintain them. C. As much as the Gustafson Plan would be beautiful, I think the cost is more than I (or any taxpayer) would want the city to put into it. Also, because of the heavy use of the park and its location, I'm concerned there would be vandalism and mischief with the new design, and costs to repair/maintain would be high.

I am a S.E. portland resident and feel strongly that we need to have a number of clean open water sources around the city for reasons of human and animal habitat needs as an accessible cache of water in times of drought. I also enjoy the beauty and tranquility of open water.

I am absolutely furious that your commissioners continue to ignore the enormous opposition to the closing of our reservoirs as our drinking water source, and the enormous wasting of money for a massively leaking underground tank, all because you never had the necessary backbone to demand a delay till 2016 to see if the EPA changes its rules. Don't claim otherwise, because I'm sick of your lies. Amanda at least should be sticking up for the public on this one, but alas, she's got her eyes closed too.

I am committed to public stewardship of our water. I am willing to contribute additional taxes should funding become an issue. The slide towards privatization of our water is unacceptable, dangerous. Fill and maintain the reservoirs! Thank you!

I am concerned about the ongoing efforts by the Parks and Water Bureaus to degrade and dismantle Mt Tabor Park piece by piece. The nursery, the long block,the trees that are being cut. All due to a fabricated/avoidable mandate. What is your agenda and why are to determined to destroy this irreplaceable jewel?

I am concerned that there may be even a remote possibility that our city water infrastructure is considered and/or acted upon as a commodity for sale, for lease, etc. --directly, indirectly, or part of a larger proposal).

I am deeply disturbed by the construction of the underground reservoirs at Powell Butte. The construction has not only destroyed the area, but apparently due to shoddy workmanship, are riddled with problems with an ever increasing price tag. Please protect our water. It should be a matter of public control, not private profit.

I am in support of keeping our very effective hundred year old water system unchanged.

I am not certain if the closure is definitely mandated. Is it?

I am not part of the group who issued the question sheet for the commissioners, but I really want detailed credible answers from our entire City Council. Thanks to RNW and the Commissioners for working to respond to the majority of the people at the meeting. Nick you shouldn't have left Amanda to answer all of the questions! Nick never looked back at the people-Amanda did.

I am opposed to closing the reservoirs, and believe the city should do everything it can to keep them open.

I am strongly against the plan of getting the city's water from the Willamette. We have some of the best tasting municipal drinking water in the country, all supplied by the Bull Run reservoir. The idea that we will spend hundreds of millions of taxpayer dollars to build an filtration plant to clean & treat the river

water is wasteful. Especially since it will never stand up to the quality and flavor of the Bull Run.

I am very afraid this water project will degrade the park and you will run out of money when the time comes to repair your construction activity. The park will need new landscaping. Please don't ruin the East Side's best park.

I and all I love want you to keep the reservoirs connected!!! We feel very strongly about this. And Amanda, I want to send heart felt love and peace to you at the passing of your beloved! May you find healing, and may you find ways to communicate with him across the dimensions.

I attended the public meeting on November 18. Commissioner Fish promised that he would answer the list of questions posed to him. We did not hear when he plans on giving the public the answers. Please post this information or send me a direct email letting us know when to expect his response.

I attended the Reservoir Meeting at Warner Pacific College on November 18. I had received an email from PPR announcing the meeting. It was the worst meeting that I have ever attended. I was one of a handful of people of the hundreds there that who don't favor open reservoirs. I understand that the reservoirs will be taken offline and that it is very important to come up with a plan for the future. I am very concerned about what that will look like. As soon as the meeting started the rabble took over with their own agenda and pointed attacks at Commissioners Fritz and Fish. There was a lot of shouting and constant interruptions - Payback for the last meeting as it was explained to me. The agenda was thrown out. There was a brief overview and questions. After that I left because I doubted there would be anything productive to follow. I'm not interested in attacks on the commissioners or pushing an effort to keep the reservoirs on line. I appreciate the efforts that Amanda Fritz has made in the past to try to get waivers to keep the working reservoirs. I understand the importance of coming with a concept and funding it. I understand the difficulties that Resolutions Northwest Facilitation Services had with the unruly crowd, but I think that throwing out the agenda was a mistake. The meeting didn't meet my expectations and it left me very concerned about the future of the project. There is another meeting scheduled for December 10. Will that be a conversation as promised in the ads or a repeat of the one that I attended? I would like a response to my concerns. Thanks, Kathy Schuman

I believe our bull run water is slowly being privatized, and disconnect of the reservoirs is an early step, although I understand it is hard sometimes to see this bigger picture which unfolds over decades. It is important that the water belongs to the people - not Nestle or whomever, who then sells it back to us. I believe much of the whole water restructuring is happening because of lucrative engineering and construction contracts - certainly not because our current, amazing, gravity-fed, low-maintenance system wasn't working. It continues to work quite well. I believe our leaders lacked the political will to question the contracts and fight to save the reservoirs. Please keep them full and maintained - we are going to need them when/if the new Powell tanks fail.

I believe that maintaining the existing reservoirs and keeping them filled with water will allow the park to retain the most historical character. While I would support the Gastafson plan as a secondary option or perhaps as part of another park improvement in the future. The #1 option is really a modest cost to preserve the beauty of the water filled reservoirs and allow the public to safely continue use of the park.

I believe these reservoirs could make Mt Tabor Park even better. I would have preferred to leave them as uncovered water reservoirs, but now I look forward to them making the park even better. It would well be worth the money.

I disagree with the council's spending on the Powell Butte storage and its extreme over costing. Poor management and design.

I do a fast walk of about 3.5 mi. from my home to, up, down, and around Mt. Tabor Park almost on a daily basis. I use my car for weekly grocery shopping and other reasons, when it's too far to walk. I also take the bus a lot for trips to and from downtown. I think that by far the best option is: maintaining (on a minimal basis) all of the Mt. Tabor reservoirs and keeping some water in them (non-drinkable, except in the case of emergencies, when drinking water is in short supply). Thank you for making this whole process much more transparent!

I do not believe it is in the best interests of Portlanders to disconnect the reservoirs.

I do not support covering the reservoirs and consider the act an extreme waste of money and evidence of likely government corruption.

I do not support covering the reservoirs and consider the act an extreme waste of money and evidence of likely government corruption.

I do not want the city to dig any underground tanks in Mt Tabor Park, Nor cut any trees.

I don't believe the reservoirs should be put out of service.

I don't know much about the Gustafson Plan but I like the idea of keeping the reservoirs filled but increasing the value to wildlife by adding plantings. Concept 1 is acceptable to me as well. Any concept that does not include leaving water in the reservoirs is not acceptable to me. Thank you for the opportunity to comment.

I don't support disconnection of the open reservoirs. Portland has a great water supply now. I have lived in towns with poor quality drinking water and I do not look forward to diminishing water quality (which I believe will be the result of the new plan) and an increase in my water costs as a result.

I don't understand why some of the disconnect can not be done with pipes BEFORE they enter the park. It seems too disruptive to have to cut down trees & disconnect in the park, rather than doing it right at the entry.

I don't understand why we have to discontinue the use of our reservoirs as a water source, because that water should undergo a filtration process anyway, so it wouldn't be unsafe to drink. Since Portland is so rainy it seems as though collecting rainwater in a reservoir would be the most ecologically sound way of obtaining drinking water. My stance is that I'd like to see the least amount of change possible, so even if there is no way to continue using the reservoirs as a water source, I'd still like to keep the reservoirs looking the way they do now. That's why I chose concept #1

I enjoy Mt Tabor Park for hiking and cycling. The reservoirs are a huge part of the scenery, functionality and history of Portland. Water is a natural element and needs to be treated as naturally as possible, while still protecting our health. The system is working fine, no need to fix it.

I feel strongly the reservoirs should remain connected and functional. Barring that, maintaining them as water reservoirs would keep the character and quality of Mt. Tabor park.

I feel that just filling them in or leaving them dry would definitely take away from the beauty of that great park. Incorporating into some sort of feature accessible to the public with some water of at least one filled would really celebrate the good water and nature of the PNW.

I feel that our city hasn't done nearly enough to keep this wonderful resource! I know the public line is that the reservoirs had to be removed because of a federal mandate, but I also saw now real push back on the federal "mandate". Also, I understand that New York was able to get a waiver. Is this project about public health or big dollar contracts? I used to have some faith in my local government, but after watching the way this issue has gone I have almost no confidence.

I feel that the covering of Portland's reservoirs, and the creation of new underground reservoirs is only helping big construction companies make a lot of money. It is unnecessary and will create a situation that causes the city to pour chemicals as treatment into our water. I am opposed to this, I do not want chemicals in my children's drinking water.

I found this article in the SE Examiner last year quite interesting.
<http://southeastexaminer.com/2013/07/open-air-reservoirs-and-your-health/> I would rather have my drinking water exposed to sunlight and allow the water to diffuse unwanted gasses than to cover them and have to deal with those gasses in other ways.

I grew up on Mt. Tabor, and cherish every inch of the mountain. At age 4, my preschool class climbed the mountain on the east side from Ascension church to the playground to observe Mt. St. Helens erupting. At 10, we moved over the mountain from 76th and Alder to 60th and Salmon, and I discovered the reservoirs. My mom and I walked around those reservoirs rain and shine, carrying on in conversation as we exercised and admired the beauty of our park. At 15, I used the second and third reservoirs as my photoscape as I learned photography in school. and especially loved this setting in black and white.

Then at 19, the reservoirs played an integral part in my 75 lb weight loss which led me into an empowered early adult life. Mt. Tabor park has over the past 17 years been a park I've introduced to my children, as my parents did me, and I'd be so sad to see the reservoirs and their unique piece of Mt. Tabor's beauty disappear. Please take my story into consideration and keep the reservoirs for what they were intended for!

I have lived in SE Portland for almost 20 years and have enjoyed Mt. Tabor Park all the while. I now live in the Mt. Tabor neighborhood, drawn in large part because of the park, which I think is one of the crown jewels of our park system. Of course the reservoirs are collectively one of the primary features of the park. If they cannot continue to function as they have for the water bureau, let's keep them for the other fine qualities they grace the park with.

I have lived near Mt. Tabor reservoirs all my life. When I was younger strolled around them many times. What a beautiful walk seeing the wildlife and many nice people to chat with. They have been there over one hundred years. Please fill and maintain them. Thanks! Betty Puckett

I have owned a home on the edge of Mt. Tabor Park for 25 years, use the park frequently and revere it. The reservoirs are an integral and icon part of the park and should be treated as such.

I have stayed informed about this issue and I see any other choice besides #1 as a massive waste of money and public resources with negligible or detrimental impact on our water safety

I highly value water that is as untreated as possible while still being safe to use.

I hike Tabor almost every day with my dog and it's the most magical part of my day. I meet wonderful people. I also play tennis weekly in the summer and am so thankful for those courts. I am also very thankful that our drinking water from the reservoir is so pure and that I don't have to worry about what's in it. I recently moved here from CA and it wasn't pure like our water is here from the Tabor reservoirs.

I hope that the City will do everything in its power to let common sense prevail and not fix what isn't broken. Gravity-fed open reservoirs are sustainable and healthy, as well as beautiful.

I hope that we can wait to disconnect, at least until a decision is made by the EPA

I hope you will fight to maintain the system as it is now. If that fight is lost then fill the reservoir and maintain them. The other options are awful. I volunteer with the foot patrol and in the Friends of Mt. Tabor visitor's center.

I imagine that there could be more moderate park improvements than Option 3, and that they would be worth exploring, but I also hear that a group of people who want to fight the federal mandate at any cost aren't really letting that conversation happen. I think it's more important to maintain water in Reservoir 5 & 6 than Reservoir 1. I'd be interested in seeing the smaller reservoir turned into a skate area for skateboarders or bmx biking--I don't actually do those things, but I work with youth in SE who do, and I certainly see people skateboarding down Mt. Tabor.

I live right next to the park and loved and walked Mt. Tabor for 50 years. 1. I do not want the reservoirs disconnected. 2. I am concerned about Portland's water quality if the reservoirs are disconnected. 3. The reservoirs must remain as a water feature, must remain reservoirs. 4. The neglect of the reservoirs must quit and be maintained to the historical character of this site. 5. No disconnection should be considered until after the EPA ruling on above ground reservoirs.

I live up here and use the park on a daily basis. The only other thing I think could be nice is another playground or children's water feature (splash pad or fountain) on the west side of the park.

I loathe both the PWB and city council over this single issue. I have some choice words but will keep them to myself. :-/

I love Mt. Tabor and the reservoirs are a great part of the park. It's a shame that we need to use chloramine in the water supply.

I love Mt. Tabor. I walk in the park everyday. One of the highlights of my walk is to look at the reservoirs and admire their beauty. Please, please keep them filled and maintain them. It would be such a shame to have them empty. It is such fun to watch the birds in the water.

I love the Mt. Tabor reservoirs. I enjoy taking a walk through the park with my dogs and I enjoy the view!

I love the open water reservoirs. They add so much beauty to the city. Please keep them open, filled, and maintained. Thank you!

I Love this City, Thank You all for everything you do! I am so grateful to be a part of a community that asks and listens to each other when making important decisions. I am also extremely grateful for water with no fluoride!

I love water shimmering in those iconic open reservoirs more than words can say. Please re-fill them so we can all breath exultantly.

I neither see the current system as broken nor in need of replacement. I see the current system as having an immense amount of embodied energy and being an adequate if not better performer than it's apparently imminent, flawed, and terribly expensive and ill-vetted replacement. I highly value Mount Tabor Park and it's mingling of historical functional structure and natural beauty. I am vehemently against what clearly appears to be a conflict of interest among decision-makers and contractor winners. I praise, support, and vote for politicians in position to alter courses that are headed for disaster, even if it means putting their jobs at risk or questioning a bad legal directive. And especially if it is for the better good of the people. No human should be on payroll as an advisor to a city who gives monumental closed-door, no-bid contracts to a firm with that The same person on their payroll. I hope to continue to enjoy the park, it's historic infrastructure, and it's glorious natural beauty for decades to come. And let Portland's water system continue to be a gleaming example of how it used to be and how it could assuredly continue under proper, lically supported management. One is only a pawn if they choose to be. Signed, and concerned.

I prefer an option that allows for possible future reconnection.

I really like having water in the reservoirs

I run a preschool at the edge of Mt. Tabor. It's an example of how this effects our youth. We are currently studying the Bull Run Reservoir water system.

I strongly feel that their functionality should NOT be destroyed. If/when allowed &/or needed again, we should be able to bring them back on line, without another huge expense.

I strongly oppose the reservoir disconnect. Our current system of open reservoirs fed by Bull Run is among the safest, tastiest, most sustainable, and least costly in the country. Furthermore, the historic and natural beauty of the open reservoirs are enjoyed by many area homeowners and residents daily. It would be irresponsible, unethical, and in direct contrast to public opinion to disconnect these reservoirs.

I support a reverse in the roll-over and give up mentality. We should abandon the leaky, potentially harmful boondoggled underground Powell Butte tank in favor of keeping our recently updated open reservoirs in service and providing clean, safe water to our majestic City of Roses.

I think if we're not going to use them for drinking water, the next best use would be as giant swimming pools. Or, possibly irrigation for planting areas directly below the reservoirs.

I think itsludicrous to waste money on a fearmongered agenda that is unnecessary and will diminish our landmarks that serve as an indentiy and heritage of Portland

I think more time should be spent on asking the public what to do with the park. Open it back up to the public with better options/input to ideas.

I think that because the reservoirs are a National Historic Landmark, they should remain as they were originally intended - as a functioning part of the water source for the city. There has not been any research that shows that they do not function adequately, and we can follow NYC's model to challenge the LT2 ruling. We are throwing good money after bad by trying to take the open reservoirs off-line and implementing new, expensive and an unvetted underground reservoir concept.

I think that the council made a great mistake by not taking a much stronger stand against closing the reservoirs. Moreover, public perception is that the city ignores all but the most influential citizens.

I think they are beautiful and historically important as they are. The price shown to maintain them each

year seems reasonable. They will also be left in place and could be reconnected once there is more data showing open air is just as healthy or better than closed or as back up.

I think they should be left uncovered, filled, and maintained

i use the park 2-3x/week and have done so for the past 16 years. my son also participated in the summer nature day camps there for 7 years. i strongly believe that digging up the reservoirs would destroy the beauty of mt tabor, which is a historic monument.

I visit the reservoirs 3-4x/week so didn't know how to answer the first question. While I like option 3, I doubt Portlanders want to pay for that, so I am satisfied in keeping them aesthetically as is. It is important to keep the water clean and at a high level; they look so low now. There should be as little disruption in the disconnect process (i.e. cutting the pipes) to prevent massive disruption to the flora and neighborhood and as little costs as possible. Also, to allow for a reconnect if the LT2 rules fever change!

I vote and am vocal in the community.

I walk Mt. Tabor daily and have always loved the reservoirs, the views, the trails. It would be a very sad day indeed to destroy the integrity of the park by changing the beauty of these reservoirs and the surrounding trees.

I want our water to stay in the Mt. Tabor reservoirs, uncovered.

I want the city commissioners to allow Portland citizens to talk at the December 10, 2014 who don't support the Friends of the Reservoirs & didn't like their usurping the November 18, 2014 meeting. All the people creating the chaos at that meeting deserved to be escorted out of the McGuire Auditorium. The Friends of the Reservoirs list of questions they wanted City Commissioners Nick Fish & Amanda Fritz to answer are not related to the subject. They are based on conspiracy theories & not documented facts. I have done my own personal research on Portland's history about covering/burying the reservoirs that I would like to share with the public. My research is based on documented facts only, which I have in my possession. I would like to be the last person to speak at the December 10, 2014 meeting & not be interrupted by Friends of the Reservoirs or their supporters.

I want to keep the reservoirs as they've always been

I was born in Portland and have lived here all my life. My children have all been born here. I have used Mount Tabor park on my life for recreation. My children have used Mount Tabor park in my daughter's college is Warner Pacific College on the slopes of Mount Tabor. I want the reservoir filled and maintained as it has been all these years of my life and before I was born. It is very important to me as a person born and raised in Portland that Mount Tabor reserve or be maintained.

I went to Franklin High School in the 60's and spent a lot of time on Mt Tabor and really enjoyed the area. Please don't change it. It is a wonderful place for a nice spring walk in the park.

I wish that the city would fight harder for a waiver of the EPA's LTZ rule!

I wish we could just keep EVERYTHING as is!

I wonder why there is a continuous assault on our water supply. Every time we vote you down one measure another is put forth. Who do you owe? What kind of deal was made. Cover them, fluoride them, now decommission a working system? Please do the honorable thing and resign, or better yet resign and blow the whistle. There are traitorous, greedy people in your midst.

I would like to see one of the reservoirs turned into a swimming pool.

I would like you to pursue a deferral through 2016. Just based on the complications of introducing more radon into our homes should be enough. We'll stand behind you if you'll take a stand. PS. You have typo below in the transportation questions. I think you mean "Mode" not more.

I would love to see an elaborate water fountain somewhere on the top of Mt. Tabor for the purpose of providing perching birds a place to drink and bathe.

I would love to see Option #3, implement the Gustafson Plan, but only if the anticipated \$40 million costs were funded through special one-time funding that would not impact the general budget and would not take away funding from other essential services. Thank you for the opportunity to comment

I would love to see the city take a more moderate approach in reaction to people urinating in the reservoirs on occasion. The expense incurred seems overblown in proportion to the actual risk.

I would rather see space created/shared that is more readily accessible to more people, more focus on creating community spaces, improving amenities at the many small parks.

I would still like to see the reservoirs in use as they have been for so long! this is a tragedy!

I'd be okay with turning the reservoir into a giant skatepark!!! But seriously, an ever-increasing demand for a precious resource may be supplemented by the reservoir in the future. Who knows?!

I'd rather them not be disconnected at all. Thank you.

I'm pretty frustrated that the plan to bury the reservoirs seems to benefit only the corporation that gets the contract and the politicians that support them, but has absolutely no benefit to the tax paying public.

I'm pretty sure the open reservoirs are unsanitary, given the flocks of birds that I regularly see in them. As far as I'm concerned, the sooner we change the system, the better.

I'm proud of the reservoirs at Mt. Tabor. I appreciate their beauty as well as their functionality. Let's keep them as is.

I'm proud of the reservoirs at Mt. Tabor. I appreciate their beauty as well as their functionality. Let's keep them as is.

I'm still angry at the city of Portland and its elected officials on their decision not to protest the LT2 regulation and seek a waiver until the EPA conducts a final review and ruling in 2016. I know that is outside the purview of this survey, but I want to be clear that I have been 100% opposed to the process that the city of Portland, the water bureau, and by association, Portland Parks and Recreation have chosen to undertake by not unifying with elected City Council leadership and state and federal elected officials to consider alternatives to this current course of action.

I'm terribly disappointed that the Water Bureau is going against the wishes of the citizens of Portland, and that city council and Jeff Merkley won't apply for an extension to avoid this needless project. But it always comes down to money. A few people stand to gain while the citizens are left with the bill. Shame on you!

I'm tired of my tax money being sucked west of I-205 for the already nice neighborhoods.

I'm very disappointed that the city went w/a corrupt company like CHM2Hill w/the Powell Butte project. Portland should fight the EPA LT2 all the way! Portland Water Bureau is corrupt - Glicker goes for water commission to being lobbyist for CHM2Hill. I'm also concerned about radon in our drinking and gen'l water supply from covered reservoirs.

I'm very happy with our current system of using the Mt. Tabor reservoirs and I strongly oppose any changes.

I've lived here for 35 years. I am a property and business owner. I vote in every election. I will vote against any City Commissioner who helps destroy these reservoirs.

I've lived in Portland all my life and remember my very first visit to Mt. Tabor park at the age of 7, I am now 44 years old. I remember what it felt like to see that beautiful park and how cool it was to see all that water and having it explained to us that that is the same water that came out of our taps. With the reservoirs changing to underground tanks, that conversation will change for future children visiting the park, but keeping the reservoirs full will enable children to grasp the concept of where their drinking water comes from, how much of it we need/use, and give them a visual representation. Not to mention, I think they are beautiful just as they are and don't see a great benefit in investing lots of money to remake them into some modern design. Those of us that love Portland, love it the way it's always been - we don't need to have this new, shiny, soulless Portland continually shoved down our throats by outsiders who have no connection to our past.

I've used the park for decades. The reservoirs are such an important part of the sense of space and tranquility, I can't imagine the park without them. From the descriptions, either option #1 or option #3 would preserve those elements. Mt. Tabor Park is like the love child of the Olmsted brothers and William

Mulholland. It's absolutely irreplaceable. Don't suck it dry!

If cities as large as Denver and NYC received waivers from the EPA, how is it possible that PDX was denied. I want you to try again. There is no reason to spend billions of tax payer dollars on a process that we don't need and will wind up reversing 1-2 years later.

if current plan is really and truly not possible (how/when/why is that decided), then #1

if its not broken, no need to fix or divert it. NOT all laws are good laws, nor do they apply in all cases. variances are possible. especially in this case. Get corruption out of our water. it tastes bad. please look into Glicker, and no bid no cap contracts. that's not good governance.

If plan does continue, do not disconnect. Leave potable water available in case of emergency. Does not need to supply whole city as would be used only in an emergency

If the funding isn't available for #3, strongly prefer #1. Water is an essential aspect of this park and its historic value.

If the reservoirs were drained, then we have to look at the options for repurposing their space. Obviously, leaving them as huge, empty concrete basins is an eyesore. The Gustafson Plan, proposes building a pedestrian entrance on 60th Ave and a water amusement park that will bring hundreds of new users to the park every day. Montgomery Watson Harza estimated that maintenance for what goes on top, and the costs of cleaning and maintaining the buried tanks will be equivalent to current maintenance of the open reservoir. Adding 3 waterfalls, a wading water table, a water garden, a new pedestrian entrance and path and maintaining them as proposed will obviously make those estimated costs much greater. But most importantly, I don't want my beautiful, calm natural park to become a crowded water park "feature". Please maintain it as a serene place to walk, rest, and enjoy wildlife and nature. Please do not bastardize it by turning it into a skate park, an ice skating rink, or a waterpark. There are so many other options for this type of entertainment in our city, but fewer enticing natural urban areas on the East Side.

If these reservoirs are taken offline then where is my water going to come from. What about the issue of radon gas possible with closed subterranean tanks.

if they must be disconnected so it in such a way that they can be reconnected should Powell Butte reservoir prove unsuitable.

If you chose not to keep them flowing with water like how it was when myself,my parents,and my grandparents grew up here I will be deeply saddened but suggest temporary ice rink in the winter and roller rink in the summer

In #1, by "fill" you DO mean fill them with Bull Run water, right? That is my choice. Empty reservoirs could be "filled in" with dirt, you know. Please re-read all of the fields of this questionnaire, spell check didn't notice you said "more" instead of "mode" of transport, it is a little thing but a lot of people are reading this and relying on your ability to pay attention to all the little things. Your final editor should have been a human being. By the way, I am not upset at the possibility of drinking water which has urine from mammals or bird droppings in it. The reservoirs are quite large. I work in SW Portland four days a week. I look forward to getting to drink delicious Bull Run water on those days.

In the first place, I totally disagree with disconnecting the open reservoirs from the city's drinking water supply system. But if they must be turned off, please maintain their appearance and that of the adjacent park lands.

It appears that there is no way around the disconnect. Too bad City Hall could not assist. Leave the reservoirs as is with water and maintain them. Maintain the beauty and integrity of the Park and the reservoirs.

It is ridiculous that the City paid security guards to watch the reservoirs to see if a plane/person/terrorist/bird would poison our water.

It is unfortunate the EPA requires covered reservoirs and Portland could not stay allied with New York, whom I understand are still questioning the need for covering reservoirs. It is also unfortunate the design and implementation of the covered reservoirs on Kelly Butte has resulted in leaking reservoirs: indicative

of either poor workmanship and contract administration oversight, or inferior material design. Trust with the public has eroded with the water house, the rose city house at the waterfront, failure to direct existing funds to the road maintenance need at the time of need. Filling the reservoirs and leaving the connections available for future use as reservoirs is important. I realize this comes with a cost as well.

It seems as though there is significant redevelopment of the Portland water systems being tied to this effort that I do not understand. If the mandate is to cover the reservoirs, why is that option not being offered here? The future of fresh water access is very much being played out today, and what I see here is a lot of political wrangling and short term gain occurring at the cost to taxpayers today, and water access for Portlanders tomorrow. Please help me to understand!

It would be a tragedy to lose the open water reservoirs—they make the park unique and the water connects us more closely with nature, and isn't that what urban parks are here for?

it would be a tragedy to not use these incredible reservoirs!

It's not broken, so don't fix it. And definitely don't fix it by giving that much money to a private company to make us a worse system.

Keep private industry out of our water supply. Stop making backroom deals with Nestle or anyone else that wants to make money off of Portland residents and their water. The Water Bureau is bad enough.

Keep the historical landmark status. Shut the valve but don't disconnect. Don't rethink - keep the existing look. Like the fountains fight for the people on the waiver.

Keep the Mt. Tabor Reservoirs as is, filled with Bull Run Water, maintain the equipment -- check the pumps and valves, drain and clean the cement walls annually, above all keep those security cameras monitored. In a perfect world, Parks Foundations would be able to budget funds to install water features in each of the reservoirs, new electrical panels, and heavy duty pumps to rotate the water from one reservoir to the next. Why? To keep open water free from mosquitos and algae.

Keep the reservoirs open!

Keeping open air reservoirs no longer makes sense. Quaint but no longer secure. Keep it for the community, with water. Maybe consider a kickstarter investment in community aquaculture.

Leave it connected, and functional

Leave the open reservoirs. Clean and maintain the enclosed reservoir. It's not a goddamn bird that caused the E. Coli. Stop the corruption in City Hall! Stop the out of control spending!

Leave the reservoirs alone.

Leave the reservoirs alone. They work just fine.

Leave the reservoirs connected filled and maintained.

Leave the resevoirs connected filled and maintained.

Leave them be and let them house our drinking water like always please.

Let's fry for a waiver to LTZ! Please address how the city will address the health issues associated with removing the reservoirs from service.

Let's not cap it or sell it. It's a unique City resource that should be kept that way.

Let's think about the big picture, which is our future. 100 years from now and the livability for our children, in a changing global world (ie water shortages) -- Bull Run has water for us. I still believe that the EPA does not realize the true value of our system and that it does not need to be compromised on value -- money, water quality, human health, preserving the ecosystem. Save our reservoirs/fully functioning.

Look deeply into CH2MHill - don't grant contracts w/o open bids and transparent RFP projects Decisions made about our water system for drinking should be completely up the people. Focus on delaying to 2016

Maintain flexibility for potential future use as reservoirs. Maintaing historical structures is very very

important.

Maintain historical features

Maintain the potential reconnection to our drinking water so at a future date they can be reconnected. I strongly disagree with the options we are now forced to choose from. I am also deeply concerned about the contract process of issuing no RFP and hiring a untrustworthy company with questionable judgement when dealing with water resources (that has paid fines to the EPA) to manage our precious water system. The trust has been broken in the community.

Make it habitat for migrating birds.

Maybe, open them for community canoeing or something. Thanks! :D

More research on possible problems with covered reservoirs specifically radon and other ill health possibilities.

Mt Tabor is a nearly-magical place. A dormant volcano where people gather to play, work out, and make a statement. Flaming Lips videos have been filmed there. Adult soapbox derbies go flying down it every year. Naked bike riders gather there. Keep the magic alive by embracing the park's, and Portland's, quirky culture. Thank you.

Mt Tabor is a priceless, historic landmark in our city. Every effort must be made to preserve and enhance the park. Selling off land for development should never be an option. Closing the nursery should only happen if that land will be transformed for recreation. The city has been snowed into covering these reservoirs in the first place. The entire perceived threat is ridiculous.

Mt Tabor is sacred to me -- please keep it as beautiful and wonderful as it is.

mt. tabor is a beautiful park and should be left as it is. the reservoirs are part of Portland history and should be left as is. I feel that there are people that have monetary reasons to cap the reservoirs and it is just a money game.

Mt. Tabor is one of the best places in Portland and the water adds such calm and peace to the park. Taking out the water would take out so much of the parks spirit. Please keep the reservoirs on Tabor, they are a beautiful Portland legacy. Thank you

Mt. Tabor Park and walking through, up, and around it, is a daily joy. There is history in the parks including the reservoirs filled with drinking water (and soon filled with water for artistic and soul value). What a wonderful park in the midst of Portland to bring one back to nature, history, and health (both mind and body). Let's keep it that way.

Never, ever sell our water infrastructure to private industry.

Once it is gone, it is gone!

Open water creates a relaxing calm.

Oppose the EPA mandate, persue a waiver, don't disconnect the reservoirs.

Option #3 is creative and a great solution. Thank you for pursuing this despite rabid protests.

Our open reservoirs have served us well for over 100 years. Sunlight is the best disinfectant that nature ever created. Work to get an EPA Open Reservoir Waiver like New York and New Jersey are currently negotiating with EPA. Our water supply and our reservoirs are worth fighting for.

Our open reservoirs system has worked wonderfully for as long as they have been built. The natural system of sun and air has kept our water pure and healthy. It is really not necessary to dismantle this system. Please keep our open reservoirs the way they are and let Nature do its job, instead of spending loads of money on constructing a new system that is not even up to par as our current system. Let's spend that money on other things that our City needs, like more funding for the arts, please. Thanks!

Our open reservoirs work. Please leave them as they are. Save us money. Save our safe water.

Our water is a precious resource that brings us health and helps make Portland one of the most livable cities anywhere. Let's keep it that way!

Our water is precious. Please do not endanger it by implementing a design that reflects the Gustafson Plan.

Our water is some of the best in the nation and we need to preserve and protect the land in the Bull Run Watershed.

PDX can reapply for exemption.

People use this park as part of their mental, physical, emotional, and spiritual practices and therapies. To make any extreme change to this park will be at the detriment of many, at a very deep and personal level. Have respect for our community, and leave this oasis as is. Thank you!

Persue a waiver to the LT2 rule ferociously. Defend our water. Address the issue of Joe Glicker and his corporation.

Place some value on the history and aesthetics of the city, not just short term money interests.

Plan #3 would be feasible with private funding but the property taxes and needs for road/systems maintenance and safety improvements need to take precedence.

Plase leave our reservoirs intact & functioning as is.

Please allow the public to participate more in these decisions. Thank you for this survey.

Please attempt another opt out of the covered reservoirs requirements. Open air is fine for Portland. Thank you.

Please avoid privatizing Portland's water supply & department.

Please be respectful of the natural beauty of Mt Tabor. It is the best natural treasure we have in Portland.

Please choose option 1

Please do not allow a small group of people stop the valuable public park enhancements that we now have an opportunity to implement! The majority of the community has been trying for years to implement design improvements that maintain the historic treasures of the Mt Tabor Reservoirs and also allow for improved park use and access. There have been design competitions and public involvement approvals in the past that have stalled again and again. Now is the time to approve funding that is desperately needed to maintain and restore the historic features of Mt Tabor Reservoirs YET find funding that will go further in creating improvements to public use and access that were previously impossible while the reservoirs were being utilized as our water resource/utility.

please do not disconnect the reservoirs! they work and are an important part of our amazing water infrastructure!

Please do not drain the reservoirs without having a plan for the park. This situation needs to be viewed as an *opportunity* to make the park better. (And as much as I like the Gustafson Plan, surely there is a creative solution to re-imagining the reservoirs at a fraction of the cost!)

Please do NOT drain the resevoirs and leave them empty. It would be a terrible eyesore and attract vandals.

Please do not get in bed with private industry!

Please do not privatize our water!

Please do not privatize!

PLEASE do not sell our water supply out to a private corporation! This is a terrible idea.

Please don't cover the reservoirs. It is the type of descision that people will grow to regret. Tabor is an incredible space, and the reservoirs serve the city well. Why change a system that isn't broken?

Please don't destroy what works!

Please don't privatize our water system. Please keep up our beautiful reservoirs.

Please fight for the FPA waiver. Don't force the ratepayers to spend millions of dollars fixing a good

water system that works well AND provides such a beautiful and historic part of our heritage.

Please fix the roads before making new park features.

please include ALL of Portland, not just the Mt. Tabor neighborhood

Please keep our historic open reservoirs functioning for the health of all Portlanders!

Please keep the reservoirs filled with water. There is no doubt they look better filled. Keeping them filled is the only way to maintain their historic landmark designation. In addition, NOT disconnecting them guarantees three vital things: That Mt. Tabor park will not be permanently altered and/or temporarily disrupted, costing the least of all options. That the reservoirs can be used as an emergency water system in case of an earthquake or natural disaster, or a failure in the new system (isn't it already cracking?). That the possibility of reservoirs returning to normal use if the federal mandate changes or the city wins a deferral. If we installed a fool proof system to simply shut off the reservoirs rather than removing pipes and trees, it would cost the least amount of money, disrupt the least amount of people, alter the historical structures in the least way possible, and ensure a backup emergency system and make it the easiest to put back online, as the people who own the land have fervently expressed. Logically, it just is the best option.

Please keep the reservoirs filled. They are so beautiful and unique. Best yet, keep them on line.

Please keep the reservoirs filled with water! This park is an oasis in a city that is quickly losing private green spaces and where other public green spaces (such as the Tabor Long Blocks/former nursery site) are at grave risk from unfettered development. The filled reservoirs provide a much-needed place for citizens to engage in quiet reflection and birds to stop for water. Don't pave them over--we need this open space!

Please keep the reservoirs functional.

Please keep the water features in some fashion.

Please keep this beloved park as it is. Thank you.

Please leave the reservoirs connected, filled and maintained. We must fight crony capitalism and corruption in our local politics with no bid contracts to CH2M hill. This is our greatest resource as a community. It must be held and cherished.

Please leave the reservoirs full of natural water!

Please listen to the people's response. We want our reservoirs intact.

Please maintain our pristine water reservoir system.

Please maintain the character and functionality of our Mt Tabor Park.

Please maintain the historic structures as well.

Please make sure that the water to replenish them is NOT a budget item every year. Make sure that the money is available NO MATTER WHAT happens with the budget process.

Please make sure this park remains a free resource to the hundreds on daily users. It's an important community recreation resource.

Please PLEASE do not do option #2. It would turn a lovely functional reservoir into an eyesore. I am a property owner in the neighborhood.

please please do the right thing. a lot of people are counting on you. we are watching. thank you!

Please preserve our reservoirs and maintain them...

Please remember that My Tabor Park has a historic designation and to honor that distinction, water must remain in the reservoirs.

Please see the official comments written by Stephanie Stewart and submitted by the MTNA on behalf of the entire neighborhood for details on what should happen with our city's wonderful Mt. Tabor park. These comments were unanimously supported by the MTNA at our last neighborhood meeting. The

Olmsted Brother's wonderful Mt. Tabor design should not be tarnished by the Portland Water Bureau's current plan.

Please, please PLEASE, do not let whoever is trying to force this disconnect these reservoirs. We will not allow it to happen. We will stand by you with our lives if you have the courage to stand up to this rude corporate imposition, because there are many of us who know what is really going on and that this is about so much more than a few reservoirs being disconnected. So if you don't stand up for us and stop this, hopefully we don't have to risk our lives stopping them, but we will. So our children can have clean, healthy, affordable water. Thank you.

Portland has long been an innovator and been bold in coming up with unique solutions to global issues. I think the reservoirs should be retained and continued to be managed in this very Portland tradition!

Portland has some of the best drinking water in the country. This is owed both to our water source, the Bull Run Watershed, and our open air reservoirs. Open air reservoirs allow for oxygenation, natural sunlight disinfection, and harmlessly venting toxic and carcinogenic gases. Burying those reservoirs, or containing them, does not necessarily reduce the risk for contamination. It eliminates the natural water processes that sunlight and air provide, and underground tanks open up other risks that would have to be treated chemically. The concern over cryptosporidium seems blown out of proportion, given that our city has a historically clean track record regarding cryptosporidium; Portland's open reservoirs have never had a serious outbreak of microbial or chemical health illness since they were built over 100 years ago. Portland's open air reservoirs efficiently remove toxic and carcinogenic chemicals. Covered reservoirs cannot, and require strong chemicals such as radon, chloroform and other disinfection chemicals. In addition, the pools of water are an attractive and central focal feature at the park, they are part of what make Mt Tabor beautiful. Draining those reservoirs would change the aesthetic significantly, from pleasant to depressing. The Gustafson plan is visually pleasing, but not worth it at the cost of the quality of our drinking water, or the tax increases/city spending/ongoing maintenance costs it would take to implement it. We can preserve our drinking water, or we can waste water. If the reservoirs were drained, then we have to look at the options for repurposing their space. Obviously, leaving them as huge, empty concrete basins is an eyesore. The Gustafson Plan, proposes building a pedestrian entrance on 60th Ave and a water amusement park that will bring hundreds of new users to the park every day. With only one bus line that runs past (71), and very limited parking, how will all these new users access the park? Montgomery Watson Harza estimated that maintenance for what goes on top, and the costs of cleaning and maintaining the buried tanks will be equivalent to current maintenance of the open reservoir. Adding 3 waterfalls, a wading water table, a water garden, a new pedestrian entrance and path and maintaining them as proposed will obviously make those estimated costs much greater. But most importantly, I don't want my beautiful, calm natural park to become a crowded water park "feature". Please maintain it as a serene place to walk, rest, and enjoy wildlife and nature. Please do not bastardize it by turning it into a skate park, an ice skating rink, or a waterpark. There are so many other options for this type of entertainment in our city, but fewer enticing natural urban areas on the East Side.

Portland has some of the best drinking water in the country. Please don't sacrifice it for short-sighted and profit-driven corporate interests.

Portland has some of the cleanest drinking water in the world. The reservoirs are in good working order and the system does not need to be fixed or changed at all. I would prefer that they do nothing and the city apply for an exemption to a flawed federal law. Mt. Tabor park is also an important bird refuge and everything should be done to preserve it as a quiet sanctuary for this purpose, in addition to preserving these well engineered drinking water reservoirs that purify our water with exposure to sunlight every day.

Portland is my home. One of the reasons I am so proud to say that is because of our water sources and how hard our people work to protect them. I am a very intimate relationship with the water in this area. I am an avid kayaker, kayak instructor & outdoor educator and I want to see our local government care for this environment (which includes it's people) as much as they would care for their own bodies, minds and loved ones. Please know that there are far more people who care about this than people who don't.

Portland will stand with you when you stand up to the federal mandate to cover/disconnect. Buy us more time! Wait for the EPA decision! Thank you for using Resolutions NW facilitation. They should facilitate

every public meeting.

Portland's open air reservoirs are a source of local pride and I would be deeply saddened to see Mt. Tabor's lost.

Post rule to prevent skate boarders from "bombing" down the closed roads. I've had too many close calls. Enforce the darn Off Leash Laws!!!!

Preferable leave them connected to our water source.

Present the science. Get the waiver.

Priorities: Community Health. Simple and natural always beats over technical and corporate. No one lining pockets.

Promote more disc golf courses, and increase land use in areas where inter urban areas have succumbed to homeless patron 'camping'.

Q: What would it cost to creconnect the reservoirs?

Quit wasting taxpayer money on pork-barrel schemes to benefit city hall cronies.

really like the connection with the water shown in the gustafson plan. would like to implement more social gathering; cafe (possible at the building at the very top with a cantilevered deck with a view of downtown), larger performance space, singletrack mountain bike/running/hiking trails, removal of invasives and replanting entire park, learning center.

Regulations are for the good of public health. When a regulation actually conflicts with public health, it should be an unenforceable regulation. We elect our City Council members to advocate FOR US. Nobody WANTS these reservoirs discontinued, including the City Council! Stand up for common sense! Stand up for public health! Stand up for not wasting money pointlessly! Stand up for Portland!

reservoirs are on the historical register, I don't know why there is even a question about keeping them the way they are!

Resolutions NW did an excellent job facilitating this meeting. I would also like to suggest that the city appoint someone (perhaps a volunteer) to communicate regularly with the public regarding this issue. I think that people are angry about what they perceive as a lack of transparency regarding the process of the water bureau. Perhaps if we had more information about how Water Bureau decisions are made people would be less combative.

Revoke the municipal resolution and self imposed rush. Please also follow the advice of the Reed Smith legal opinion, and make the EPA prove in court the LT2 is justified. Also please challenge the Oregon Health Authority for putting anti-open-reservoir provisions in Oregon's water rules without the permission of (and against the expressed intent of) the Oregon Legislature. Let Portland's water system continue to be a gleaming example of how it used to be and how it could assuredly continue under proper, locally supported management.

Since I selected concept 2, I would like to see in the winter months when the temperature is cold to fill half of reservoir 6 with six inches of water to ice skate, similar to the Westmorland casting pond.

since our new failing leaky underground water reservoir is not gravity fed, when disaster happens we probably won't be getting water. so please maintain the function of the current open reservoir just in case. We like to have water in our neighborhood.

Since the decision to disconnect the park has shown signs of neglect class of security etc. Thieves move graffitti and people sleeping and camping there. Mt. Tabor is a city that is sure, and Mt. tabor shouldn't be dismantled or disconnected beacuse it's no longer our drinking water.

Som eof the walk ways around the reservoirs need repair. Saw about "selling' personalized pavers like at Pioneer Square and at the playground at Mt. Labor park? So many people love the Park and would also love to help preserve it and having oned name on a paved would be a win win.

Some amount of water should remain in the reservoirs.....please keep the illusion that the reservoirs continue to be what their historic designation said.

Some positive thinking in retaining the open reservoirs in existence. They are we degrading the Park, spending millions of dollars for an unnecessary procedure?!

Spending millions of dollars burying our water infrastructure is counterproductive, will lead to poor water quality (no sunlight, radon), and is a MASSIVE WASTE OF MONEY. The city council and state and federal representatives and senators should together be actively appealing the bogus cryptosporidium concern about our water. It doesn't make sense to spend huge amounts of money to fix a problem that doesn't exist. Take a cue from New York on this issue.

Stop paying money out to Joe Glicker and CH2MHill for things we don't need, and pursue a waiver on the behalf of our water and our health.

Sunlight is a powerful disinfectant. Enclosing the entire system and adding chemicals is a horrible idea. Portland water used to taste great, varying with the seasons. It has gotten progressively worse and the city's plans will surely further ruin Portland and its water. The city should take every step to fight the removal of the reservoirs - it seems awfully convenient to claim the EPA wants them covered when the city had already tried to cover them. City officials need to listen to the people, especially long-term residents.

Surely there is a hero somewhere down at City Hall who will help us save our historic, functioning, sustainable reservoirs.

Thank you for asking for community input.

Thank you for considering community input in this decision! Mt. Tabor is a spectacular park and a true jewel in our beautiful city.

Thank you for listening to us Amanda Fritz and Nick Fish. Please act in our behalf accordingly to our wishes. I don't wish to see the reservoirs disconnected in the first place. I would like to see Resolutions NW continue to facilitate meeting with citizens and city council, excellent job! Thank you for bringing them here. Considering there's a ruling about this resolution up for debate in federal court. Please seek and implement a delay in disconnection. I don't understand the haste, please seek to give us all more time.

Thank you for the mediation group--they liasoned extremely tactfully between the irrate protesters and the uncomfortable taciturn commissioners. Very appreciated.

Thank you very much for being great stewards of our lovely parks and green spaces!!!

Thank you! Mt Tabor is a big reason that I chose this location to live!! Thank you for doing your best to continue to maintain the reservoirs as they were originally intended to be!!

Thank you. This is such a great opportunity to showcase Portland and one of its truly great assets. Let's keep the Rose city the jewel of the Pacific Northwest.

Thanks for the big water bills. Also the * for the required field indicator doesn't tell responders which field is required. Also why is this still up if the deadline was Dec 1?

Thanks for considering the public's input!

Thanks for having poll and for dealing with such a difficult issue! I am glad to get our water into closed systems!

That means leaving them as they are, full of delicious Bull Run water, safe from radon, ecoli, salmonella, and cryptosporidium. Stand up to EPA, and ask for whatever we need to hold off until 2016 when their safety can be properly reviewed. As elected officials, you work FOR THE PUBLIC that elected you, and we want the reservoirs connected and in good condition. STOP doing business with CH2MHill. Abandon spending more unnecessary money building anything else we do not need, investigate the related corruption within the OHA, and FIGHT for keeping our water clean, safe and publicly owned. It's the right thing to do.

That whenever any form of government becomes destructive of these ends, it's the right of the people to alter or to abolish it and to institute new Government!

The calm water feature of the reservoirs provides a therapeutic space in the park for our community.

Time spent near trees and water - these important elements of the natural world - have been proven through studies (ACS Journal) to have a significant effect on the brain resulting in increased levels of happiness and reduced blood pressure. Throughout each week, I need it, you need it, they need it, we all need it.

The City could use the waterbag technology to use the reservoirs and protect the water. The bags would be connected to the in and out pipes, and the water would not be open to the air in the reservoir. The bags could be covered with water to maintain the look of the reservoirs.

http://en.wikipedia.org/wiki/Flexible_barge

The City is doing a poor job on this project. A lot of us, active with Mt Tabor, are just discovering this survey. We pay a lot in taxes and expect a higher level of integrity from Portland.

The city must show the public true transparency in the bidding and awarding of such major public outlays. My family water/sewer bill has quadrupled in the last 15 years. I was more than willing to pay for the big pipe to cut pollution. I am not willing to sacrifice water quality and waste perfectly working water infrastructure in order to line the pockets of contractors and revolving-door bureaucrats.

The City of Portland's reservoir system needs to remain as it is, as it was originally designed to function. Our water quality is more than suitable, and the contaminants that would be introduced by the additional requirements of contained water bring multiple health and economic disadvantages. Many of us have chosen to live here because of the open source Bull Run water as it is. We face a much greater threat from old bridges and schools -- I hope the City would place all emphasis on bridges and schools and leave our water as it is, please. The historic nature of this gravity fed system design is highly functional and deserves to be protected. Lay this issue aside for now, please. In time, I believe it shall become clear that covering the reservoirs would have been an unnecessary folly.

The city should not cater to the demands of people. Who don't want the city to comply with the SDWA of 1974, as amended 1996. Let's stop having meetings at their insistence since the USEPA isn't going to change any part of the 172ESWTR until after 12/31/2016. They won't have their 3rd meeting on the LT2ESWTR until the end of 2015. (I asked the USEPA myself.) USEPA's review of LT2ESWTR will end by 12/31/2016.

The city should push back the disconnection of the reservoirs and investigate claims of corruption in the awarding of contracts and rule making. Former employees of the PWB has unduly influenced the process and, without merit, cost the city hundreds of millions of dollars.

The city's acquiescence to this unnecessary federal overreach has been about the most un-Portland approach to a public policy issue I have ever observed. Now, living with the legacy of its own refusal to stand up for what is right, the least Portland can do is preserve the reservoirs in their historic context.

The community at large DOES NOT support disconnection of Portland's open reservoirs, and I am part of that community. These facilities are a treasure and MUST be maintained--that's what we pay you for.

The community DOES NOT support disconnection of Portland's open reservoirs.

The current system is not broken nor in need of replacement. I see the current system as having an immense amount of embodied energy and being an adequate if not better performer than it's apparently imminent, flawed, and terribly expensive and ill-vetted replacement. I highly value Mount Tabor Park and it's mingling of historical functional structure and natural beauty. I am vehemently against what clearly appears to be a conflict of interest among decision-makers and contractor winners. I praise, support, and vote for politicians in position to alter courses that are headed for disaster, even if it means putting their jobs at risk or questioning a bad legal directive. Portland should not be paying consultants who are also executives of the corporations receiving all our monumental sized, closed-door, no-bid, no-cap contracts. The EPA is going to change it's LT2 Rule in July 2016. Why bullishly push forward with this project? Follow the money..... Our City Commissioners have a chance to be our heroes - to stand up for the good of the Commonwealth rather than be pawns of corporate cronyism. Please be our heroes!! Be brave!!! I truly hope to continue to enjoy the park, it's historic infrastructure, and it's glorious natural beauty for decades to come. And I hope to drink healthy, wonderful water from our pristine, unique Bull Run Watershed. I hope our children may do the same as well.....

The current system is not broken nor in need of replacement. I see the current system as having an immense amount of embodied energy and being an adequate if not better performer than its apparently imminent, flawed, and terribly expensive and ill-vetted replacement. I highly value Mount Tabor Park and its mingling of historical functional structure and natural beauty. I am vehemently against what clearly appears to be a conflict of interest among decision-makers and contractor winners. I praise, support, and vote for politicians in position to alter courses that are headed for disaster, even if it means putting their jobs at risk or questioning a bad legal directive. Portland should not be paying consultants who are also executives of the corporations receiving all our monumental sized, closed-door, no-bid, no-cap contracts. The EPA is going to change its LT2 Rule in July 2016. Why bullishly push forward with this project? Follow the money..... Our City Commissioners have a chance to be our heroes - to stand up for the good of the Commonwealth rather than be pawns of corporate cronyism. Please be our heroes!! Be brave!!! I truly hope to continue to enjoy the park, its historic infrastructure, and its glorious natural beauty for decades to come. And I hope to drink healthy, wonderful water from our pristine, unique Bull Run Watershed. I hope our children may do the same as well.....

The element of water is critical to the unique sense of place of Mt. Tabor Park.

The filled reservoirs are the way to go. They add beauty and peace to the park. We need to be around nature and water. We also had an idea of turning one of them, maybe the small one at the south side of the park, into an outdoor winter skating rink. It could be quite a tourist attraction and money maker. Maybe just for December and January. Of course skaters would have to hike in and maybe that would limit the number of visitors.

The Gustafson plan is a giant expensive folly that would cost millions and forever change the nature of the park. Why do that? Keeping water in the reservoirs is absolutely the least expensive plan and one that is least disruptive to the character of the park. The park is deeply loved as it is, and is on the Register of Historic Places as it is. Keeping some water in the reservoirs, periodically cleaning the basins, and maintaining the sidewalks, is the frugal win-win solution that maintains our connection to this piece of our history and maintains our connection to our deeply loved views and parkland.

The Gustafson Plan is wonderful, and I wish the funds were easily available. However, for the present please at least keep the reservoirs full and maintained. Since coming to Portland 15 years ago, Mt. Tabor and its reservoirs have been one of my favorite places. Though I now live on the west side, I still make frequent trips to Mt. Tabor. Whenever I go there I always see families enjoying the ambience and views over the water of the reservoirs. It is really one of this city's treasures.

The impact of having open water, in a historic setting is important to maintain.

The lack of respect for the public and disregard for public input is disturbing. The current city council is held in very low regard with the general public, which is a shame. Respect has to be earned. If I were your teacher I would give you a D- Only because of Amanda, otherwise, y'all would be getting an F. And it's "mode" of transportation, not "more." Super LAME!

The last thing I think should be done is to leave them empty. Water is something that renews people and makes them happy; empty concrete will likely decrease use or encourage uses you don't want. Please consider having water there no matter what. Thank you!

The most valuable feature of my neighborhood is the peace and beauty provided by the reservoirs during my 2x or 3x weekly walk up Mt. Tabor.

The Olmstead family developed the parks with the water feature in mind. The history integrity of the reservoirs must be maintained.

The people of Portland LOVES Mt. Tabor & the Reservoirs. Preserve them. Thanks.

The recreational redesign is a great idea, but the cost is prohibitive. I'd rather have usable water for a fraction of that price.

The reservoir water can be used to emergencies and fires. Please do not add a bunch of chemicals to our water.

The reservoirs are not only beautiful, they are functional and make perfect sense. Closed water is contaminated water. If oxvaen cannot act to the water supply. it will stanate. Please do the intelligent

thing and stop spending millions and millions of dollars on archaic technology that merely lines pockets of the few and takes from the good citizens of Portland who are scrambling to pay their land taxes and keep their homes, I might add, pay their rather Huge water bills.

The reservoirs are a historic landmark. If we can reconnect, what would the reconnect cost?

The reservoirs are a treasure. I run around them daily and picnic with my family near them in the warm months. I can't imagine Mt. Tabor without them. It would be ruined.

The reservoirs are great piece of functional history. I like to bring out of town guests up to the park and talk about how the city's history.

The reservoirs are one of the unique and beautiful aspects of the park. My first preference would be to continue to use them for the water supply. Given this is not a possibility, enhancing them would be great. My only concern with the Gustafson plan is that it may make detract from the natural beauty. It's hard to tell off drawings. Thank you for asking out opinion!

The Reservoirs are part of Portland's history and have been officially recognized as such. I urge the City of Portland to maintain their water and fountains.

The reservoirs bring me and my family so much joy and peace. They also bring us such amazing, clean, healthy water! Please keep them open, connected, and functioning! Thank you!

The reservoirs in this park make it one of Portland's most beautiful, and the water is perfectly safe and clean. It would be a real bummer to see the beauty and utility of great drinking water be cut off and shut down because of a one-size-fits-all government mandate.

The reservoirs should be filled and remain open and not covered. I believe that that it is important to utilize the great resources that we have already in existence here in Portland.

The reservoirs should not be disconnected. 2 adjacent valves, without the "required" 10' air gap in each of the connecting lines, would be sufficient to "disconnect" from the water source. The construction of the covered storage at Powell Butte, a major waste of our money, should be sufficient for the EPA edict. What does that make the system, 95% compliant? The EPA is not requiring the cities of Milwaukee WI. or Chicago, IL. to cover Lake Michigan, the source and reservoir for about 10 million people. Portland has not pushed back hard enough to preserve the water supply system that has proven to be successful for almost 100 years. This has been a major boondoggle. Don't mess it up further.

The reservoirs were functioning perfectly. Leave them alone and wait for the federal government to alter it's ruling in 2015/16. Our wter system is unique and well thought out and precious to its residents.

The risk for problems with our water causing illness will increase substantially now with our water being stored in tanks!

The science says that our water quality will be threatened by changing to underground tanks. Who would want that? Water is so basic to life! And there is still time to make sure that we maintain the current reservoir system and prevent disconnection.

The Tabor reservoirs are a Portland landmark. Please keep them.

The true wishes of the community are to keep the reservoirs intact, as they are.

The water in the reservoirs supports the enviornment and butterflies.

There are clearly questions about who is profiting from this deal - and it ain't the taxpayer!!!!!! If NYC doesn't have to close their reservoir, why do we?

There are no details on the Gustafson Plan available anywhere on your website.

There is nothing wrong with our water system. Please stop being corporate pawns and preserve and use our open reservoirs. The LT2 rule is up for revision and we need to put our efforts there - not in underproven industrial systems that many argue, will degrade our water quality.

There is nothing wrong with the way the reservoirs have been used as a city water supply. They should be maintained and not drained. It is absurd to allow whatever shadowy forces that wish to drain the reservoirs do iust that. There is no public benefit to draining them only private financial gain.

Furthermore, covering the reservoirs is not an acceptable measure as that would allow radon and some harmful water treatment chemicals that would otherwise evaporate to remain in our DRINKING WATER.

There must be more options if other cities have received variances and don't have to disconnect their reservoirs.

There was no obvious way to see more detail on the Gustafson Plan.

These Mt Tabor reservoirs are historic and have been used without problems for over 100 years. The Powell Butte reservoirs are nothing but problems thus far. Anyone with a TV can see the loss of water in the southwest, it makes the most sense to hold on to whatever water storage we have. There is no argument to removing this historic and needed water storage.. James Parsons

these options do not include estimated or ball park estimates for some plans, so seems costly, aka boondoggle. low cost options are appropriate when so many portlanders are in hardship due to government and banker systemic economic jiggering/bailout/debt/ruined lives and families and home residences. lowest cost safe option , long term, low maintenance is common sense. wbc

These reservoirs a true city treasure and their historic significance should be respected. If anything I would love to see the Olmstead design for the park finished as originally intended. Also, in the event of a severe earthquake the reservoirs might serve as a critical backup water supply.

These reservoirs belong as functioning members of our drinking water system, and Portland City Council should be embarrassed by what they've allowed to happen.

These reservoirs do not need to be disconnected. If the will of the people is ignored and they are disconnected, they must be done in a way where they could be reconnected in the future.

They are really not real options. Since #3 will never be paid for. # 2 means ultimately destroying the resevoirs. There's only one option--#1.

They're beautiful, they work, it's an historic part of our community. Why mess with it?

Think win win....not just accomplishing one objective.

This is a great opportunity to invest in one of Portland's best parks. Let's seize the moment and make Mt. tabor the crown jewel of the city parks system for the twenty first century.

This is important~ This is what the people want, clean water!

This is the most important issue - I've ever seen raised here & I can't believe as a City with our WATER THAT IS WORKING SO WELL our leaders are laying down and saying there is nothing we can do. SHAME ON YOU. HOLD OUT...don't potentially ruin our HOLY WATER & spend OUR MONEY. Also the Contractor who can do this job tends to go over budget I hear...like more over budget than original estimates...follow the \$ - this seems just criminal on so many levels. YOU HAVE NOT RIGHT TO VIOLATE the most important H2O I put in my body and my son's body everyday. Native Portland / Oregonian - Heidi Nelson

This meeting was poorly planned. You should have know this would happen.

This meeting was very stressful. "Passion" doesn't require rudeness. I wish there could be more civility, though it did improve. I feel strongly that we should continue to use the reservoirs for our drinking water.

This park is a part of what makes Portland such an amazing place. The construction will do colossal damage to the area, in which past and future generations have been lucky enough to experience. This would be a step in the wrong direction for such an amazing city which prides itself on being "green". Let's not conform like the rest of the nation. Let us keep pursuing environmental friendly practices.

This process was poor on public engagement and lacks guiding principles and accountability to public preference, public interest, and fiscal prudence.

This project seems like cronyism. Is anything in this site incorrect, and if so what?:
<http://whoisjoeglicker.wordpress.com/>

Until we know for sure that we have to cover the reservoirs we shouldn't implement any multi-million dollar plans to switch things around. As a homeowner that lives a mile or so from Mt. Tabor this park is

very important to me and so is the cost & quality of my water. I'm very concerned how the costs of these EXPENSIVE plans would be passed along to us homeowners.

Very disappointed.

Water is a basic human right and should never be privatized!

We are fortunate to have direct access to very clean and fresh water, we have simple systems in place which are effective and should be maintained. Visitors to Mt Tabor enjoy and are respectful of reservoirs, and are proud to see their drinking water.

We are planning to leave Portland as we can not live in a city that will not provide clean affordable water.

We are very distressed that Portland is not fighting to preserve this asset. The reservoirs and water has served this city for decades helping it thrive. It is disgraceful to do otherwise.

We have the most amazing water. Please leave it alone and allow us to drink it. Thank you!

We love our park and our water system - please preserve.

We love our water pure and keep it the way it is.

We need more time! Delay the disconnect! Water is sacred. It's our life. The reservoir is ideal! Give us more time!

We need to pursue a waiver until the fed gov't sues us and or a public vote can happen.

We still need that LT2 waiver.

We would like more advocacy to fight for a deferral from the EPA. Stupid decisions by Bureaucrats infuriate us.

What a mess. Why wasn't a waiver obtained? >>> Corruption, is the answer.

What about open water swimming? Charge and maintain. Then, if they change their minds, we can have our reservoirs open again.

What are ways the city gov. of Portland can override the statefed regulations that got to the place of disconnecting the reservoirs?

Whatever happens long term, robust bicycle access needs to be constructed so Mount Tabor is not overrun with automobiles and is accessible for ALL residents, from whatever direction. A north-South path past the eastern side, or above, the lowest reservoir could be built connecting Harrison with Salmon, Yamhill and Belmost just east of the retirement facility to connect up to 62nd that will become a greenway to the 60th street MAX station. This could be coupled with multi-use-path improvements around the perimeter of the park on the south and north-east side to connection up disparate neighborhoods in an overall active transportation network.

While studying this issue, I have learned open reservoirs are healthy because of oxygenation and sunlight. I think that decommissioning the reservoirs would be a big mistake in case we choose to put them to use in future years.

Why are we wasting millions of dollars on this project. Fight the EPA mandate as other cities have.

Why are you wasting taxpayer money to combat a problem that Portland DOES NOT HAVE!!! I'd like to see you challenge the OHA for its unauthorized insertion of anti-open reservoir language into Oregon Administrative Rules against the Legislature's intent, and challenge the EPA to prove that reservoir coverage/decommissioning is necessary. This looks suspiciously like cronyism to me. I'm not a fan.

Why can't the reservoirs be used for pretreatment storage? Why does the water have to be drained to the sewer system?

Why give into fear and spend taxpayer money to change a system that has worked just fine for years..... thousands of little kids have thrown things in there, people have peed in there and wildlife peed and even died in there. Nothing too drastic ever happens the community still thrives and grows!

You could make it easier to find details about the three options you listed above. I was able to track

down information, but #1 in particular is unclear as to whether you mean to 'fill the reservoirs' with dirt or with water - and if with water, would that still be connected to the drinking water distribution system.

You did not say what you wish to fill the reservoirs with in option 1. I am assuming that you mean fill them with WATER vs. SOIL. I wish for you to fill them with WATER as they are now! This is about preserving the control of a life giving substance in the hands of the people where it can be viewed used and enjoyed. I do not wish to have water from tanks under ground pumped with chemicals. Cleaning methods should be as natural as possible and use as few chemicals as possible. If the monied powers have bought this system so much that the will of the people who live in an area and use the resources is not longer the deciding factor in how to use resources, then leave the water there at least, for us to enjoy the view at least. You should also tell us what Gustafsons's plan is before making it an option.

You mention the Gustafson Plan but don't provide a link to it. You say it's on the "previous page" but what happens if I just got a link to this page, how am I supposed to know what the previous page is? If you're going to use the web for feedback, design your survey so the information needed to complete it is easy to reach.

You need to be more frugal with taxpayer money, and smarter in your decision making process. You don't seem to do independent research, but rather rely on those who have something to gain by convincing you we need to upgrade, when we don't.

Total	411	
--------------	------------	--

Please tell us about yourself!

I am age

35-44	287	29.7%
45-59	285	29.5%
60-79	189	19.6%
25-34	154	15.9%
	24	2.5%
16-24	17	1.8%
80 & over	9	0.9%
15 & under	1	0.1%
Total	966	

I am

female	527	54.6%
male	410	42.4%
	29	3.0%
Total	966	

Regarding residence, I

own	655	67.8%
rent	272	28.2%
	39	4.0%
Total	966	

Identify...

(please check all that apply)

Latino		
No	939	97.2%
Yes	27	2.8%
Total	966	
African American/Black		
No	956	99.0%
Yes	10	1.0%
Total	966	
Asian/SE Asian		
No	943	97.6%
Yes	23	2.4%
Total	966	
Pacific Islander		
No	960	99.4%
Yes	6	0.6%
Total	966	
Native American/Alaska Native		
No	944	97.7%
Yes	22	2.3%
Total	966	
Caucasian/White		
Yes	770	79.7%
No	196	20.3%
Total	966	
Other		
No	891	92.2%
Yes	75	7.8%
Total	966	
My most frequently used mode of transportation is:		
car	526	54.5%
bike	163	16.9%
foot	161	16.7%
bus	66	6.8%
	50	5.2%

Total	966	
Name		
	302	31.3%
Jack Wells	2	0.2%
Ansula Press	2	0.2%
Charles Rooney	2	0.2%
Dan Berger	2	0.2%
Ellen Simmons	2	0.2%
john	1	0.1%
julie	2	0.2%
Katherine	2	0.2%
Kathryn Notson	2	0.2%
Maggie Zadikov	2	0.2%
Marlin Saner	2	0.2%
Matthew Stanbro	2	0.2%
Megan Bradley	2	0.2%
Stan Hoffman	2	0.2%
Stephen Pew	2	0.2%
Steve Bennett	2	0.2%
Tia Zilberstein	2	0.2%
Wayne Dietz	2	0.2%
Aabra Jaggard	1	0.1%
Alan Mekel	1	0.1%
Alan P. Scott	1	0.1%
Albert Kaufman	1	0.1%
Albyn Jones	1	0.1%
Alessandra Rueegger	1	0.1%
Alex	1	0.1%
alex connor	1	0.1%
Alexander Aris	1	0.1%
Alexandra Jackiw	1	0.1%
Alexandra MacDonald	1	0.1%
Alexis Reale	1	0.1%
Alisha Sullivan	1	0.1%
Alissa Keny-Guyer	1	0.1%
Allison Wibby	1	0.1%
Amanda Brazel	1	0.1%
Amma Li	1	0.1%

Amy Angell	1	0.1%
Amy Baker	1	0.1%
amy ciesielka	1	0.1%
Amy Hall	1	0.1%
Amy Hatfield	1	0.1%
amy lennon	1	0.1%
Amy Lynn Gray	1	0.1%
Amy Miner	1	0.1%
Ana DeCastro	1	0.1%
Andrew Hormann	1	0.1%
Andrew Wilkins	1	0.1%
Andrew Ziegwied	1	0.1%
Andy Swanson	1	0.1%
Angela de Roos	1	0.1%
Ann Hubard	1	0.1%
Anna David	1	0.1%
Anna Fritz	1	0.1%
Anna Giedwoyn	1	0.1%
Anne Newkirk Niven	1	0.1%
ANNELISE KELLY	1	0.1%
annie	1	0.1%
Anthony Foster	1	0.1%
Antonio Matic	1	0.1%
April Parker	1	0.1%
April Robbins	1	0.1%
Ashanti Hall	1	0.1%
Asher Fulero	1	0.1%
Ashley	1	0.1%
Audrey Wang	1	0.1%
Audrey White	1	0.1%
Augustus Keala Young	1	0.1%
Austin	1	0.1%
Austin Kmetovic	1	0.1%
Avis J. McHugh	1	0.1%
B J Starr	1	0.1%
B. F. Smoody	1	0.1%
Barara Traver	1	0.1%
Beau Russell	1	0.1%

Ben Carter	1	0.1%
Ben Nieves	1	0.1%
ben rasche	1	0.1%
Ben Waisanen	1	0.1%
Benjamin Davenport	1	0.1%
Bertha Guptill	1	0.1%
Beth Paxson	1	0.1%
Betsy Salter	1	0.1%
Betsy Zucker	1	0.1%
Betty Mayther	1	0.1%
Betty Puckett	1	0.1%
Bob Blue	1	0.1%
Bon McNery	1	0.1%
bonita davis	1	0.1%
Bonnie Barta	1	0.1%
Brad Mosher	1	0.1%
Brad Yazzolino	1	0.1%
Brandy Lentz	1	0.1%
Brenda Purvis	1	0.1%
Brett Gillean	1	0.1%
Brian Caplener	1	0.1%
Brian Maher	1	0.1%
brian mitchell	1	0.1%
Brian Scrivner	1	0.1%
Brianne Sabin	1	0.1%
Brittany Bennett	1	0.1%
Brittany Powell Parich	1	0.1%
Brook Thompson	1	0.1%
Bryan	1	0.1%
Bryan Sebok	1	0.1%
Caglan Baler	1	0.1%
Caitlin Davis	1	0.1%
Caran Goodall	1	0.1%
Carol Adler	1	0.1%
Carol Lane	1	0.1%
Carole Scholl	1	0.1%
Carri munn	1	0.1%
Carrie Lacina	1	0.1%

Carrie Larson	1	0.1%
Carson Lattimore	1	0.1%
Casey	1	0.1%
Cathy Kuehel	1	0.1%
Cathy Kuehnl	1	0.1%
Celeste Summers	1	0.1%
Celina Flores	1	0.1%
Charles Garrison	1	0.1%
Charlie Cavallo	1	0.1%
Cherie Blackfeather	1	0.1%
Cheyenne Sheehan	1	0.1%
Chloe idle	1	0.1%
Chris Dorr	1	0.1%
Chris Icombe	1	0.1%
Chris Shaffer	1	0.1%
Christina Shock	1	0.1%
Christine Kosonen	1	0.1%
Christine Yun	1	0.1%
Christy Brown	1	0.1%
cindy gleason	1	0.1%
ck	1	0.1%
Claire kucera	1	0.1%
Clark Kelley	1	0.1%
Clay Hert	1	0.1%
clayton peirce	1	0.1%
Cliff Heaberlin	1	0.1%
cliff marhoefer	1	0.1%
Cliff Rees	1	0.1%
Colleen Cash	1	0.1%
Connie Luckenbaugh	1	0.1%
cora Coronel	1	0.1%
Courtney Brooks	1	0.1%
Courtney Scott	1	0.1%
craig Brandis	1	0.1%
Craig Opfer	1	0.1%
cynthia rosene	1	0.1%
D. S. DeLuca	1	0.1%
Dale Favier	1	0.1%

Dan	1	0.1%
Dan Friedman	1	0.1%
dan madsen	1	0.1%
Dan Wilson	1	0.1%
Dana Delashmutt	1	0.1%
Dana Reid	1	0.1%
Daniel Cohen	1	0.1%
Daniel Elbaum	1	0.1%
Daniel Lamb	1	0.1%
Daniel Lima	1	0.1%
Daniel Nighting	1	0.1%
Daniel Parker	1	0.1%
Daniel Sloan	1	0.1%
Danna	1	0.1%
Darlene Dietz	1	0.1%
Darvel Lloyd	1	0.1%
Dave Hillman	1	0.1%
David Beltz	1	0.1%
David Cahill	1	0.1%
David Caldwell	1	0.1%
David Crafton	1	0.1%
David Delk	1	0.1%
David Jacob	1	0.1%
david laborde	1	0.1%
David Petty	1	0.1%
David Potter	1	0.1%
David Raphael	1	0.1%
David Roberts	1	0.1%
David Ross	1	0.1%
David Ti	1	0.1%
David W Gillette	1	0.1%
Dawn	1	0.1%
Debby Friend	1	0.1%
Deborah Crohn	1	0.1%
Debra burke	1	0.1%
Debra Canales	1	0.1%
Debra Zavala	1	0.1%
December Carson	1	0.1%

Dee Beck	1	0.1%
Dee White	1	0.1%
Dennis K Wood	1	0.1%
DENNIS PUETZ	1	0.1%
Derek Trost	1	0.1%
Diane	1	0.1%
Donna & Randy Smith	1	0.1%
Donna Shultz	1	0.1%
Doug Kelso	1	0.1%
Dr Theodora Tsongas	1	0.1%
Dr. Bantu Press	1	0.1%
Drew Drew	1	0.1%
Drift Mavyn	1	0.1%
Duane Fickeisen	1	0.1%
Edward Han	1	0.1%
Edward Hershey	1	0.1%
Edwin Kietzman	1	0.1%
Elaine Replogle	1	0.1%
Elianna Martinez	1	0.1%
Elisa mills	1	0.1%
Elizabeth A. Milliken	1	0.1%
Elizabeth Kreutzer	1	0.1%
Ellen Rubinstein	1	0.1%
Emily Chenoweth	1	0.1%
Emily Puro	1	0.1%
Emily weisbard	1	0.1%
Emma Harbison	1	0.1%
Eric Beam	1	0.1%
Eric Lubell	1	0.1%
Erick Stouck	1	0.1%
Erik C. Emanuelson	1	0.1%
Erika Meyer	1	0.1%
Erin Kelley	1	0.1%
Ernie Drapela	1	0.1%
Floy Jones	1	0.1%
Frank Poliat	1	0.1%
Fred Stoffer	1	0.1%
Frederick M Slade	1	0.1%

Gary Willis	1	0.1%
Gene Zilberstein	1	0.1%
Gilman Vital	1	0.1%
Glenda Chaite	1	0.1%
Greg Snider	1	0.1%
Gregg	1	0.1%
Gregory Press	1	0.1%
Gretchan Jackson	1	0.1%
Gwenn	1	0.1%
Hannah Snyder	1	0.1%
Harriet Beauchamp	1	0.1%
HB Lander	1	0.1%
Heather Beckett	1	0.1%
Heather Waisanen	1	0.1%
Heidi Nelson	1	0.1%
Heidi Pannke	1	0.1%
Helen Burlingham	1	0.1%
Helga Fuller	1	0.1%
Henry Keinholtz	1	0.1%
Herschel Soles	1	0.1%
Hiram Asmuth	1	0.1%
Holly	1	0.1%
holly cundiff	1	0.1%
Howard Patterson	1	0.1%
Hunter Tolbert	1	0.1%
Ian Kennedy	1	0.1%
Igo Jurgens	1	0.1%
Ilana	1	0.1%
Ivett Almaguer	1	0.1%
Ivy Katz	1	0.1%
j kayser	1	0.1%
Jacob Michaels	1	0.1%
Jacqueline Boger	1	0.1%
Jacqueline Dewolf	1	0.1%
Jacqueline Medford	1	0.1%
Jacquie Moon	1	0.1%
Jade Pekkala	1	0.1%
James Bohem	1	0.1%

James Clarizio	1	0.1%
James Cook	1	0.1%
James Davis	1	0.1%
James Livingston	1	0.1%
James Parsons	1	0.1%
James Pierce	1	0.1%
Jana Spear	1	0.1%
Janene Kaza	1	0.1%
Jared Fladeland	1	0.1%
Jarmila Darby	1	0.1%
Jarrett	1	0.1%
jason allen	1	0.1%
Jason Caney-Peterson	1	0.1%
Jason Gershuny	1	0.1%
Jason Misner	1	0.1%
Jason Ranker	1	0.1%
Jason Salkind	1	0.1%
Jason Wells	1	0.1%
Jay Alvaro	1	0.1%
Jaye	1	0.1%
JC	1	0.1%
Jeannine Brown	1	0.1%
Jeff Betts	1	0.1%
Jeff Frane	1	0.1%
Jeff Hehlen	1	0.1%
Jeff Jones	1	0.1%
Jeff Thomas	1	0.1%
Jeffrey McAteer	1	0.1%
Jen	1	0.1%
jen moody	1	0.1%
Jennifer	1	0.1%
Jennifer Hardy	1	0.1%
Jennifer Phipps	1	0.1%
Jennifer price	1	0.1%
Jeremy Plumb	1	0.1%
Jerry Gabay	1	0.1%
Jess Strickland	1	0.1%
Jess Young	1	0.1%

Jessica Snyder	1	0.1%
Jeya Aerenson	1	0.1%
Jill flora	1	0.1%
Jill Punches	1	0.1%
Jim Collina	1	0.1%
Jim McNeese	1	0.1%
JJ Bjordahl	1	0.1%
Joan Bowyer	1	0.1%
joan simko	1	0.1%
Joe	1	0.1%
Joe Cadwell	1	0.1%
Joe Cool	1	0.1%
Joey Von Hoven	1	0.1%
Johanna Colgrove	1	0.1%
Johanna jackson	1	0.1%
Johanna Nelson	1	0.1%
John Adams	1	0.1%
John Ashford Jr	1	0.1%
John Brennan	1	0.1%
John Early	1	0.1%
John Laursen	1	0.1%
John McLaren	1	0.1%
John Meckel	1	0.1%
John Pioli	1	0.1%
john puls	1	0.1%
John Sweeny	1	0.1%
John Tucker	1	0.1%
john wilkins	1	0.1%
Jon Boerner	1	0.1%
Jon Reinschreiber	1	0.1%
Jonah Baker	1	0.1%
jonathan tree	1	0.1%
Jordan Andlovec	1	0.1%
Joseph Appel	1	0.1%
Joseph Rossi	1	0.1%
Josh Bernsen	1	0.1%
Joshua	1	0.1%
Joy Grunklee	1	0.1%

Judith Armatta	1	0.1%
Judy Romano	1	0.1%
Julia DeGraw	1	0.1%
julie early	1	0.1%
Julie Fast	1	0.1%
Julie Morris	1	0.1%
Julie Strange	1	0.1%
Justin Martin	1	0.1%
justine avera	1	0.1%
K. Hoover	1	0.1%
Kara Bassman	1	0.1%
Karah Lockman	1	0.1%
Karen Checkoway	1	0.1%
Karen Gleason	1	0.1%
Kari Easton	1	0.1%
Kari Heus	1	0.1%
Karla Martin	1	0.1%
Karla Meyer	1	0.1%
Kat	1	0.1%
Kate Madden	1	0.1%
Kate McCarter	1	0.1%
Kate McNulty	1	0.1%
Kate McQuillan	1	0.1%
Kate Million	1	0.1%
Katherine Anderson	1	0.1%
Kathleen Parker	1	0.1%
Kathleen Pozzi	1	0.1%
Kathreys Swees	1	0.1%
Kathryn D'Alessandro	1	0.1%
Kathy Schuman	1	0.1%
Katie	1	0.1%
Kay Halll	1	0.1%
Kaya	1	0.1%
Keesha Wallace	1	0.1%
Keith Daly	1	0.1%
Kelley Tom	1	0.1%
Kelli Klein	1	0.1%
Kelsey Stang	1	0.1%

Kendra Wenzel	1	0.1%
Keni Sue Klein	1	0.1%
Kenric Ashe	1	0.1%
Keri Roberts	1	0.1%
Kevin Levy	1	0.1%
kevin takalo	1	0.1%
Kevin Woodruff	1	0.1%
Kim Lakin	1	0.1%
Kimberly Kaminski	1	0.1%
Kirk deFord	1	0.1%
Kristen A Curry	1	0.1%
Kristin	1	0.1%
Kristin Rosling	1	0.1%
Kundalini R Bennett	1	0.1%
Kurt Marion	1	0.1%
Kyle McTeague	1	0.1%
L Buch	1	0.1%
Larry Clark	1	0.1%
Larry Duckwall	1	0.1%
Larry Dudewall	1	0.1%
Larry Venaska	1	0.1%
Laura Bender	1	0.1%
Laura Bright	1	0.1%
Laura Mason	1	0.1%
Laurel Crissman	1	0.1%
Lauren	1	0.1%
Lauren Moreno	1	0.1%
Laurie	1	0.1%
Laurie Sonnenfeld	1	0.1%
Lee Kurtz	1	0.1%
Leslie Chester	1	0.1%
Leslie Rose	1	0.1%
Lia Nagase	1	0.1%
Linda Sheeley	1	0.1%
Lindsay Tallon	1	0.1%
Lisa	1	0.1%
Lisa Bell	1	0.1%
Lisa Degrace	1	0.1%

Lisa Olivas	1	0.1%
Lisa Taylor	1	0.1%
Liz McCann	1	0.1%
lloyd Lemmermann	1	0.1%
Lora Britt	1	0.1%
Loretta Callahan	1	0.1%
Louisa	1	0.1%
Louise Gray	1	0.1%
Luke Dolkas	1	0.1%
Lurelle Robbins	1	0.1%
Lynn Feinstein	1	0.1%
lynn merrick	1	0.1%
Lynne Halvorson	1	0.1%
M	1	0.1%
m becka	1	0.1%
MacKenzie Stout	1	0.1%
Maia. Godet	1	0.1%
Mandy L. Kruger	1	0.1%
Mara Cogswell	1	0.1%
Marc LaPine	1	0.1%
Mariah Jochai	1	0.1%
Mario HAro	1	0.1%
Marisa Kula Mercer	1	0.1%
Marisha Auerbach	1	0.1%
Marjorie Kinney	1	0.1%
Mark	1	0.1%
Mark Colman	1	0.1%
Mark Owen	1	0.1%
Mark Williams	1	0.1%
Martha	1	0.1%
Martha Mitchell	1	0.1%
Martrese White	1	0.1%
Mary Ann Schwab, Community Advocate	1	0.1%
Mary Kinwick	1	0.1%
Mary McAteer	1	0.1%
Mary Pleier	1	0.1%
Mary Saunders	1	0.1%
MaryJo Andersen	1	0.1%

MAtt Butler	1	0.1%
Matt Gordon	1	0.1%
McKenzie Leedom	1	0.1%
meadow goldman	1	0.1%
Meera Hays	1	0.1%
Megan Gibb	1	0.1%
Megan Whisnand	1	0.1%
Melissa Gordon-Magnus	1	0.1%
Melissa Pancurak	1	0.1%
Melissa Robertson	1	0.1%
Melissa Sanborn	1	0.1%
Melnaie Rios	1	0.1%
Meredith Hachemeister	1	0.1%
Michael	1	0.1%
Michael Molinaro	1	0.1%
Michael R Vogt	1	0.1%
Michael Snyder	1	0.1%
Michael SPATZEK	1	0.1%
Michele Gila	1	0.1%
Michele Glazer	1	0.1%
Michele Loew	1	0.1%
Midge Pierce	1	0.1%
Mike	1	0.1%
Mindy Fitch	1	0.1%
Miriam Berman	1	0.1%
Mollie Stratton	1	0.1%
Naga Nataka	1	0.1%
Nancy Coscione	1	0.1%
Nancy Newell	1	0.1%
Nancy Russell	1	0.1%
Nancy T	1	0.1%
nancy tannler	1	0.1%
Natalie Whelan	1	0.1%
Natasha Stoudt	1	0.1%
Nathan Baker	1	0.1%
Neil Baker	1	0.1%
Neil Leeborg	1	0.1%
Nicholas Miner	1	0.1%

Nicholas Travers	1	0.1%
Nora Harbison	1	0.1%
norma j weiss	1	0.1%
oneida trainor	1	0.1%
Paige	1	0.1%
pam hickman	1	0.1%
Pamela Boyd	1	0.1%
patra Conley	1	0.1%
Patricia Dair	1	0.1%
Patricia Lackaff	1	0.1%
Patricia No	1	0.1%
Patrick	1	0.1%
Patty Baumeister	1	0.1%
Paul "Pat" Eck	1	0.1%
Paul Cienfuegos	1	0.1%
Paula	1	0.1%
Paulette Meyer	1	0.1%
Phyllis Weih	1	0.1%
Piera Greathouse-Cox	1	0.1%
Rachel Mullin	1	0.1%
Raku Loren	1	0.1%
Rebekah Cole	1	0.1%
Rena Jones	1	0.1%
Rex	1	0.1%
Reya Tobias	1	0.1%
Reyanna Smith	1	0.1%
Rich Blatt	1	0.1%
Richard Carpenter	1	0.1%
Richard Christman	1	0.1%
Richard Gleason	1	0.1%
Richard Meyer	1	0.1%
Richard Zehr	1	0.1%
Rita Tiwari	1	0.1%
Rithy Khut	1	0.1%
rob rugh	1	0.1%
Robert McWilliams	1	0.1%
robert n crider	1	0.1%
Roberta Richards	1	0.1%

Robin A Jackson	1	0.1%
Robin Corrigan	1	0.1%
Robin Rosenberg	1	0.1%
Robyn Pierce	1	0.1%
Roger Joys	1	0.1%
Ron Pitt	1	0.1%
Rosalie Parish	1	0.1%
Roy Oudinot	1	0.1%
Russ Taylor	1	0.1%
Ruth Lin	1	0.1%
Ruth Teays	1	0.1%
Ruthie Macha Petty	1	0.1%
RX Casanova	1	0.1%
Ryan	1	0.1%
Ryan Howey	1	0.1%
Ryan Schenk	1	0.1%
Ryan Sullivan	1	0.1%
Ryan Swoverland	1	0.1%
Sabrina Louise	1	0.1%
Sally Holtzman	1	0.1%
sam sauter	1	0.1%
Samantha Backer	1	0.1%
Samuel Whisnand	1	0.1%
Sandra Ganey	1	0.1%
Sandra J Profeta	1	0.1%
sara eck	1	0.1%
Sarah Adams	1	0.1%
Sarah Clark	1	0.1%
Sarah DeVita-McBride	1	0.1%
Sarah e Mayfield	1	0.1%
sarah mccarthy	1	0.1%
Scott Luckenbaugh	1	0.1%
scott mahood	1	0.1%
Scott Page	1	0.1%
Sean Connolly	1	0.1%
Shannon	1	0.1%
Sharie Andrews	1	0.1%
sharon callison	1	0.1%

Sharon Greenfield	1	0.1%
Sharon Howe	1	0.1%
Sharon K Bettis	1	0.1%
Shauna	1	0.1%
Sheelagh Oliveria	1	0.1%
Shell Stenger	1	0.1%
Sierra Munro-Davalos	1	0.1%
Signe Larson	1	0.1%
SJ Miller	1	0.1%
Sophie	1	0.1%
Stacey Ludlow	1	0.1%
Stacy F Johnson	1	0.1%
Stephanie Bridges	1	0.1%
Stephanie Calvert	1	0.1%
Stephanie Shea	1	0.1%
Stephen Cahill	1	0.1%
Stephen Judkins	1	0.1%
Stephen Oringdulph	1	0.1%
Steve Keler	1	0.1%
Steve Nassar	1	0.1%
Steven Wax	1	0.1%
Sunny Fitzpatrick	1	0.1%
Surajel Eisenfield	1	0.1%
Susan Carter Anderson	1	0.1%
Susan hashem	1	0.1%
susan tompkins	1	0.1%
Susannah Weaver	1	0.1%
Susie Snyder	1	0.1%
Suzanne McCarthy	1	0.1%
Suzanne Sherman	1	0.1%
Suzy Hoile	1	0.1%
Sylvia Allen	1	0.1%
Taggart Siegel	1	0.1%
Talina Wilson	1	0.1%
Tana Cahill	1	0.1%
Tanika McGuire	1	0.1%
tara burnett	1	0.1%
Tara G	1	0.1%

Tara west	1	0.1%
Terri Shofner	1	0.1%
Terry Dublsinki-Milton	1	0.1%
terry gentry	1	0.1%
Terry Jenness	1	0.1%
Theo	1	0.1%
Theo Simpson	1	0.1%
Thia Bankey	1	0.1%
Thomas Lange	1	0.1%
Tim Mitchell	1	0.1%
Tina Frost	1	0.1%
Tobin Tanner	1	0.1%
Todd D. Miller	1	0.1%
Todd Janeczek	1	0.1%
Tom Meyers	1	0.1%
Tomi Blessinger	1	0.1%
Tony Cole	1	0.1%
Tony Fuentes	1	0.1%
Tony Lash	1	0.1%
Treothe Bullock	1	0.1%
Tristan Codrescu	1	0.1%
Tye north	1	0.1%
Tyler Fuqua	1	0.1%
Ursala Garbrecht	1	0.1%
Valerie Hunter	1	0.1%
Victoria Oglesbee	1	0.1%
Vincent Stoffer	1	0.1%
Viola Rose	1	0.1%
wayne proctor	1	0.1%
wc	1	0.1%
Wendy wiles	1	0.1%
Whitney walker	1	0.1%
Wiley Barnett	1	0.1%
William Green	1	0.1%
William Henderson	1	0.1%
William Risser	1	0.1%
William Ulmer	1	0.1%
Wisteria Loeffler	1	0.1%

Wrenna	1	0.1%
Zack	1	0.1%
Zipporah Lomax	1	0.1%
Total	965	
Address		
	402	41.6%
1615 se 58th av	4	0.4%
3415 SE 9th Ave	3	0.3%
1109 se 72nd ave	2	0.2%
1625 SE 40th Ave	2	0.2%
1825 SE Mountain View Dr	2	0.2%
2034 SE 41st Ave.	2	0.2%
2224 NE Everett St	2	0.2%
2501 SE Madison St.	2	0.2%
2516 ne 86th ave	2	0.2%
3735 SE Yamhill St	2	0.2%
3740 SE Washington	2	0.2%
4233 SE 182nd Ave. #228	2	0.2%
4914 NE 57th Ave	2	0.2%
5107 SE Madison St	2	0.2%
5533 NE 30th Ave.	2	0.2%
5627 SE Pardee Street	2	0.2%
6027 SE Main St	2	0.2%
637 SE 68th Ave	2	0.2%
7016 SE MALL ST	2	0.2%
7330 SE Harney st	2	0.2%
8047 SE Clay Street	2	0.2%
914 N Emerson	2	0.2%
18504 N.E. Davis St.	1	0.1%
1938 nw 45th ave	1	0.1%
964 ne 90th ave	1	0.1%
Se 54th	1	0.1%
0407 SW Nevada Street	1	0.1%
0841 SW Gaines St	1	0.1%
1016 SE 12th Avenue	1	0.1%
1025 SE 73rd	1	0.1%
1030 SE 69th Ave	1	0.1%
1033 SE Franklin Street	1	0.1%

104 SE Gilham Avenue	1	0.1%
1041 NE 109th Ave	1	0.1%
105 NE 73rd Ave	1	0.1%
1050 SE 73rd	1	0.1%
10851 SE Garrett Dr.	1	0.1%
1117 se 30th	1	0.1%
112 NE 45th Ave.	1	0.1%
1127 S.E Lambert Street	1	0.1%
11329 se salmon	1	0.1%
1134 SE 33rd Ave	1	0.1%
11349 NE Glisan St	1	0.1%
11502 se washington	1	0.1%
11502 SE Washington Street	1	0.1%
11540 NE Klickitat St	1	0.1%
1176 SE 87th Ave	1	0.1%
119 NE 45th Ave.	1	0.1%
12016th se 88th ave.	1	0.1%
12145 SE Brookside Dr.	1	0.1%
1215 SE 73rd ave	1	0.1%
1215 SE Cora	1	0.1%
1221 se 80th ave	1	0.1%
1222 SE 73rd Avenue	1	0.1%
1237 SE RHINE ST	1	0.1%
1240 S E 73rd Av	1	0.1%
12814 SE Market St	1	0.1%
1287 farrview ct	1	0.1%
12th	1	0.1%
1306 SE 20th Ave	1	0.1%
1309 SE 43rd Ave	1	0.1%
131 NE MLK Jr. Blvd.	1	0.1%
132 NE 57th Ave.	1	0.1%
1331 Se 76th Ave	1	0.1%
1333 NE 47th Ave	1	0.1%
134 ne 83rd ave	1	0.1%
134 se 24th ave	1	0.1%
13719 NW 16th Avenue	1	0.1%
1400 SE 60th Ave	1	0.1%
1401 NE Roselawn St	1	0.1%

14014 clubway	1	0.1%
1410 SE Harrison	1	0.1%
1411 NE 16th Ave., Apt. 221	1	0.1%
1415 SE 52	1	0.1%
1415 SE Martins Street	1	0.1%
1417 SE 34th ave	1	0.1%
1425 SE 80th Av	1	0.1%
1518 ne 73rd ave	1	0.1%
1527 ne hancock st.	1	0.1%
1535 se 29th st #6	1	0.1%
1535 SE 60th Ave	1	0.1%
1547 NE 75th	1	0.1%
15478 SW Foster Lane #283	1	0.1%
160 ne Bryant at	1	0.1%
1602 SE 80th ace	1	0.1%
16075 NW Telshire Dr	1	0.1%
1611 SE 60th ave	1	0.1%
1616 N Terry Street	1	0.1%
1619 NE 27th Ave	1	0.1%
1625 NE Bryant St.	1	0.1%
165 NW 97th Ave	1	0.1%
1665 SE Holly	1	0.1%
1705 SE 57th	1	0.1%
1723 SE Marion St	1	0.1%
1724 SE 55th ave	1	0.1%
1728 NE Highland	1	0.1%
1735 SE Sherrett St	1	0.1%
1741 SE Linn St. Unit A	1	0.1%
1767 SE Maple	1	0.1%
180 SW 85th Ave	1	0.1%
1803 S.E. 57th. Ave.	1	0.1%
1808 SE 35th Place	1	0.1%
1811 se mountain view dr	1	0.1%
1815 NE 46th ave.	1	0.1%
1815 SE 77th ave	1	0.1%
1816 SE 54th Ave.	1	0.1%
1820 se 44th ace	1	0.1%
1821 ne 65	1	0.1%

1832 SE HAZEL ST	1	0.1%
1837 SE 51st Avenue	1	0.1%
1849 se 36th ave	1	0.1%
1904 SE Hemlock Ave	1	0.1%
1905 ne going st	1	0.1%
1907 SE 48th Ave	1	0.1%
1913 SE 56th Ave	1	0.1%
1915 SE Alder St.	1	0.1%
1927 NE 66th Ave	1	0.1%
1933 NE60th	1	0.1%
194 N Hayden Bay Dr	1	0.1%
1955 SW Fifth Avenue Apt 724 B	1	0.1%
1991 n Jantzen	1	0.1%
2000 ne 42nd ave #113	1	0.1%
2001 Silver Springs Road	1	0.1%
2008 SE 174th	1	0.1%
2015 NW 21st Ave.	1	0.1%
2020 se bush street	1	0.1%
2023 SE Taylor ST	1	0.1%
2033 SE 59th Avenue	1	0.1%
2058 SE Elliott	1	0.1%
2106 NE Flanders	1	0.1%
2115 ne Rosa Parks away	1	0.1%
2115 Se 46th ave	1	0.1%
2123 SE 31st Ave	1	0.1%
2126 N Blandena St	1	0.1%
213 n mason	1	0.1%
2131 SE 32nd Pl	1	0.1%
2131 SE 54th	1	0.1%
2131 Se 54th ave	1	0.1%
2133 se Tibbetts	1	0.1%
2135 NE 134th Place	1	0.1%
220 NE Bridgton Rd.	1	0.1%
2207 SE 37th Ave	1	0.1%
2214 N. Emerson St	1	0.1%
2214 SE 52nd Avenue	1	0.1%
22153 SW Bushong Ter	1	0.1%
2216 SE 58th Ave	1	0.1%

2225 SE 59th ave	1	0.1%
223 SE 62nd Ave	1	0.1%
2250 SE 44TH AVE	1	0.1%
2250 SE 44th Ave.	1	0.1%
2251 SE Caruthers St	1	0.1%
2259 N Dekum St.	1	0.1%
2309 NE Brazee	1	0.1%
2311 SE 58th Avenue	1	0.1%
2315 SE 60th Ave	1	0.1%
2319 SE Taylor St.	1	0.1%
2342 NE 14th Ave	1	0.1%
2345 SE 58th AVENUE	1	0.1%
2346 SE Woodward St	1	0.1%
2354 NE 54th Avenue	1	0.1%
2360 SE 55th Ave	1	0.1%
2360 SE 58th Ave	1	0.1%
239 SE 49th Avenue	1	0.1%
2419 SE 16th Avenue	1	0.1%
2424 se 49th Ave #3	1	0.1%
2441 SE 76th Ave	1	0.1%
2445 S.E. 71st.	1	0.1%
24645 SE Brevi Lane	1	0.1%
24645 SE Brevi Ln	1	0.1%
2504 se 49th ave	1	0.1%
2506 SE 70th Ave	1	0.1%
2516 SE 52 Ave	1	0.1%
2522 SE 35th Ave	1	0.1%
2523 SE 28th ave.	1	0.1%
2525 nunyabusiness st.	1	0.1%
2529 SE 81st St.	1	0.1%
2536 SE Morrison #4	1	0.1%
255 SW Harrison St. #14H	1	0.1%
2603 SE 61st Ave.	1	0.1%
2606 SE 64th Ave.	1	0.1%
2612 SE 70th	1	0.1%
2612 SE Taylor	1	0.1%
2615 SE 35 Ave	1	0.1%
2624 SE Pine St	1	0.1%

2637 N. Winchell St.	1	0.1%
2653 SE 62nd Ave.	1	0.1%
267 N Ivy St	1	0.1%
2704 SE Taylor St.	1	0.1%
2717 SE 26th Ave #6	1	0.1%
2731 SE 70th Ave	1	0.1%
2734 S.E. 60th Ave.,	1	0.1%
2755 SE 75th Ave	1	0.1%
28 SE 78th Avenue	1	0.1%
2820 SE 20th Ave	1	0.1%
2823 SE 87th Ave	1	0.1%
2833 SE 33rd Place	1	0.1%
2834 se Clinton st	1	0.1%
2905 NE 38th	1	0.1%
2905 NE 38th Ave.	1	0.1%
2910 NE Jarrett Street	1	0.1%
2916 NE 48th Ave	1	0.1%
2920 ne 24th ave	1	0.1%
2933 SE clinton Street	1	0.1%
2937 NE 22	1	0.1%
2938 se 111	1	0.1%
2939 SE Francis St	1	0.1%
2939 SE Francis St.	1	0.1%
3 Monroe	1	0.1%
3005 SE 78th Ave.	1	0.1%
3006 SE Lincoln St.	1	0.1%
3006 SE Lincoln street	1	0.1%
301 SW Lincoln St. #1201	1	0.1%
3016 N Holland St	1	0.1%
3034 se 20th ave	1	0.1%
3036 SE Sherman St	1	0.1%
304 SE 45th Ave	1	0.1%
3040 SE olsen st	1	0.1%
3045 NE 9th Avenue	1	0.1%
3125 SE yamhill	1	0.1%
3126 NE 18th ave	1	0.1%
3134 SE 22nd Ave	1	0.1%
3134 SE 57th Ave.	1	0.1%

3135 N. Willamette Blvd	1	0.1%
3144 SE Belmont St	1	0.1%
3144 SE Belmont St.	1	0.1%
32 SE 30th Pl	1	0.1%
322 NE 73rd Ave	1	0.1%
330 SE 52nd Ave.	1	0.1%
3303 SE Clinton St	1	0.1%
3309 SE Gladstone	1	0.1%
3309 SE Gladstone St.	1	0.1%
3311 SE Caruthers St.	1	0.1%
3314 NE 61st Ave	1	0.1%
3322 SE Yamhill	1	0.1%
3327 NE Oregon St	1	0.1%
338 NE 78th ave	1	0.1%
3439 NE Sandy Blvd #184	1	0.1%
344 NE 76th Ave	1	0.1%
3508 NE Simpson St.	1	0.1%
3530 se hawthorne blvd	1	0.1%
3601 SW Kanan Dr	1	0.1%
3601 SW Kanan Drive	1	0.1%
3608 SE 73rd Avenue	1	0.1%
3624 SE 13th Ave.	1	0.1%
3651 se washington st	1	0.1%
3707 SE Clinton	1	0.1%
3746 se yamhill st	1	0.1%
3746 se yamhill st.	1	0.1%
3755 SE Grant Ct	1	0.1%
3804 N Haight Ave	1	0.1%
3813 se 67th	1	0.1%
3828 SE 51st Ave	1	0.1%
3836 SE 49th Ave.	1	0.1%
3840 SE Ivon St.	1	0.1%
3910 S.E. Dora Ct.	1	0.1%
3933 SE 28th Place	1	0.1%
3933 SE 29th Ave	1	0.1%
3935 SE Clinton st	1	0.1%
3945 NE Stanton ST	1	0.1%
3952 SE Oak St.	1	0.1%

3969 ne Rodney ave	1	0.1%
4007 NE 99th Ave	1	0.1%
4007 SE Taylor St	1	0.1%
401 N. Blandena	1	0.1%
4015 SE Taylor st	1	0.1%
4025 SE Kelly St.	1	0.1%
4026 SE Belmont St.	1	0.1%
4032 SE Crystal Springs Blvd	1	0.1%
404 NE. 56	1	0.1%
4045 SE Tibbetts Street	1	0.1%
4054 NE 13th Ave	1	0.1%
4058 NE 12th Ave	1	0.1%
4117 SE 80 th Avenue	1	0.1%
412 NE Hazelfern	1	0.1%
4120 SE Madison St	1	0.1%
4120 se Morrison st	1	0.1%
4122 NE 79th Avenue	1	0.1%
4135 SE 63rd ace	1	0.1%
416 N Beech St	1	0.1%
42 SE 62nd Ave.	1	0.1%
4211 N Mississippi Ave	1	0.1%
4222 NE 11th Ave.	1	0.1%
4223 SE 40th Apt b	1	0.1%
4245 SE Morrison St	1	0.1%
43 NE 86th Ave	1	0.1%
4305 SE 64 Ave	1	0.1%
4306 SE Reedway St.	1	0.1%
4311 SE 37th Ave #10	1	0.1%
4315 N Gantenbein Ave	1	0.1%
4324 NE 17	1	0.1%
4331 se yamhill ace	1	0.1%
4334 SE 35th ave	1	0.1%
4335 NE Sumner St	1	0.1%
4335 SE Belmont	1	0.1%
437 SE 67th Ave	1	0.1%
4418 SE Harrison St	1	0.1%
4420 NE 96th Ave	1	0.1%
4420 se belmont st	1	0.1%

4423 SW Hamilton Terrace	1	0.1%
4424 NE Alberta Court	1	0.1%
4520 SE Brooklyn st	1	0.1%
4526 NE 78th Ave.	1	0.1%
4534 ne Alberta court	1	0.1%
459 be hazelfern pl	1	0.1%
4602 SE Rex Dr.	1	0.1%
4606 NE 26th Ave.	1	0.1%
4606 SE Taylor St.	1	0.1%
4635 SE 64th	1	0.1%
4635 SE 64th Avenue	1	0.1%
4709 SE 64th Ave	1	0.1%
4709 SE 86th Ave	1	0.1%
4725 SE Yamhill St.	1	0.1%
4726 SE Salmon	1	0.1%
4726 se salmon st	1	0.1%
4733 n kerby ave	1	0.1%
4806 SE 48th ave	1	0.1%
4807 SE Salmon St	1	0.1%
4816 SE 50th Ave.	1	0.1%
4819 ne cleveland	1	0.1%
4820 SE 36th pl	1	0.1%
4826 NE 14th Place	1	0.1%
4826 SE lincoln st	1	0.1%
4829 se 63rd ave	1	0.1%
4833 SE Salmon	1	0.1%
4834 SE Lincoln St.	1	0.1%
4849 NE 12th ave.	1	0.1%
4900 SE Division st	1	0.1%
4904 ne 10 ave	1	0.1%
4904 SE 64th Ave	1	0.1%
4925 E Burnside St	1	0.1%
4984 sw oleson rd #6	1	0.1%
4993 SE 30th Ave #100	1	0.1%
5021 NE 27th Avenue	1	0.1%
5029 SE Gladstone St	1	0.1%
5100B NE Prescott St.	1	0.1%
5107 SE Madison street	1	0.1%

5122 se hawthorne blvd	1	0.1%
5134 NE 26th Ave	1	0.1%
5211 E Burnside St #5	1	0.1%
5227 SE 70th	1	0.1%
5229 NE Holman	1	0.1%
5230 se 49th	1	0.1%
5232 SE Madison St	1	0.1%
5236 ne 34th ave	1	0.1%
526 SE 45th Ave.	1	0.1%
530 NE Royal Court	1	0.1%
5314 SE Bybee Blvd	1	0.1%
533 NE Holiday #203	1	0.1%
5336 SE 68th Ave	1	0.1%
535 SE 68th Ave	1	0.1%
536 SE 55th Avenue	1	0.1%
537 SE 78th Ave	1	0.1%
54 SE 74th Ave.	1	0.1%
5403 se Hawthorne blvd	1	0.1%
5406 SE 45th Ave	1	0.1%
5420 SW Idaho St	1	0.1%
5435 SE Flavel Dr	1	0.1%
5435 SE Flavel Dr.	1	0.1%
544 se 58th ave	1	0.1%
5465 NE Mallory Ave.	1	0.1%
5480 NE Sandycrest Terrace	1	0.1%
550 SW Bond Ave. # 802	1	0.1%
5520 SE Schiller	1	0.1%
5528 SE 86th Ave	1	0.1%
5533 NE 17th ave	1	0.1%
5539 E BURNSIDE ST STE A	1	0.1%
5556 N. Wilbur Ave	1	0.1%
5616 SE Hawthorne	1	0.1%
5616 se hawthorne blvd	1	0.1%
5620 NE Alberta St.	1	0.1%
5625 SE Gladstone St Apt 1	1	0.1%
5732 SE Yamhill St.	1	0.1%
5803 SE 83rd Avenue	1	0.1%
5816 S.E. Lincoln St.	1	0.1%

5825 NE 17th Ave. Unit B	1	0.1%
5839 SE Stark St. Apt. 26	1	0.1%
5839 SE Stark, #8	1	0.1%
5840 NE 18th Ave	1	0.1%
5850 SE Taylor St.	1	0.1%
5904 SE Knight ST.	1	0.1%
5906 ne 18th ave	1	0.1%
5925 SE Lincoln St	1	0.1%
6009 NE Flanders St	1	0.1%
6034 SE Stephens Street	1	0.1%
605 SE 38th Avenue	1	0.1%
6103 SE. Clinton St.	1	0.1%
611 SE 54th	1	0.1%
6110 SE Main	1	0.1%
6111 East Burnside	1	0.1%
6126 NE 31st Ave.	1	0.1%
6126 SE Lincoln Street	1	0.1%
6126 SE Main St	1	0.1%
6136 SE Sherman	1	0.1%
614 NE 60th	1	0.1%
6147 SE Stephens St	1	0.1%
6203 SE Clitnon	1	0.1%
6209 ne 7th ave	1	0.1%
6211 SE Harrison St	1	0.1%
622 SE 60th Ave unit A	1	0.1%
6222 SE Lincoln St	1	0.1%
6224 SE Main St.	1	0.1%
6224 SE Stephens	1	0.1%
6225 N Albina	1	0.1%
6231 SE Harrison St	1	0.1%
6233 S.E. Stephens St	1	0.1%
624 SE 36th Ave	1	0.1%
624 SE 68th Ave	1	0.1%
6240 NE 22nd Ave	1	0.1%
6245 SE Harrison Street	1	0.1%
625 SW Jackson St.	1	0.1%
629 se franklin st	1	0.1%
6307 NE 8th	1	0.1%

6309 SE Grant st.	1	0.1%
633 SE 81st Ave	1	0.1%
6332 SE Windsor Ct.	1	0.1%
6335 SE Stephens St.	1	0.1%
6345 SE Harrison St.	1	0.1%
6345 SE harrison street	1	0.1%
636 N Skidmore St.	1	0.1%
636 SE 60th Ave	1	0.1%
6405 NE Alberta St	1	0.1%
6420 NE 42nd Ave.	1	0.1%
6430 N. Willamette blvd	1	0.1%
6435 e burnside st	1	0.1%
6435 SE Ivon St.	1	0.1%
6446 NE 22nd Avenue	1	0.1%
6446 SE Division St.	1	0.1%
6451 SE Morrison Ct	1	0.1%
6455 SW Nyberg Ln F101	1	0.1%
6565 SE Scott Drive	1	0.1%
6639 SE YAMHILL CT	1	0.1%
6716 n albina	1	0.1%
6805 se clinton st	1	0.1%
6825 SE Pine Ct	1	0.1%
6908 SE Ash st	1	0.1%
6915 SE 92nd Ave	1	0.1%
6928 se 122nd dr.	1	0.1%
6935 N GReenwich ave	1	0.1%
6944 SE Yamhill St	1	0.1%
7038 SE Clinton Street	1	0.1%
704 S.E. 38th Ave	1	0.1%
7040 N Lancaster Ave	1	0.1%
705 NE 125th Ave	1	0.1%
7050 SE Yamhill	1	0.1%
706 SE 60th Ave.	1	0.1%
706 SE 60th Avenue	1	0.1%
707 SE 48th	1	0.1%
707 SE 72rd Ave	1	0.1%
7074 SE Division	1	0.1%
7101 SE Harrison Street	1	0.1%

7106 SE GRANT ST	1	0.1%
7110 Sw 32nd ave	1	0.1%
7129 SW 2nd	1	0.1%
7132 SE Lexington	1	0.1%
7135 SE Gladstone	1	0.1%
7214 SE Taylor St	1	0.1%
7215 se salmon street	1	0.1%
7217 SE Main St.	1	0.1%
7231 SE Mill St.	1	0.1%
7233 SE Alder St	1	0.1%
7235 se madison st	1	0.1%
7245 ne prescott #2	1	0.1%
730 SE 72nd ave	1	0.1%
7306 SE Main Street	1	0.1%
7324 SE Madison St	1	0.1%
7324 SE YAMHILL ST	1	0.1%
7345 SW 29th Ave	1	0.1%
739 SE 60TH AVE	1	0.1%
7404 SE Clay Street	1	0.1%
7404 SE Washington	1	0.1%
7404 SE Washington St	1	0.1%
7525 NE Irving St.	1	0.1%
7527 sw LaView Dr	1	0.1%
7605 SE Knight St	1	0.1%
7644 SE Taggart Ct.	1	0.1%
7657 SE Market	1	0.1%
7705 SE Market St.	1	0.1%
7731 SE Yamhill St.	1	0.1%
7736 SE Clay st.	1	0.1%
7805 SE Hawthorne Blvd.	1	0.1%
7814 SE Morrison	1	0.1%
7814 se morrison st.	1	0.1%
7834 SE Lincoln St.	1	0.1%
7835 N Burrage Ave	1	0.1%
7903 SE Salmon ST.	1	0.1%
7927 SE Hawthorne Boulevard	1	0.1%
8014 S.E. Morrison St.	1	0.1%
8024 N Syracuse Street	1	0.1%

8036 NE Oregon st	1	0.1%
805 SE 74th	1	0.1%
807 SE 65th Ave	1	0.1%
807 SE 68th Ave	1	0.1%
8103 SE Taylor St	1	0.1%
8107 N Van Houten ave	1	0.1%
8129 se 74th ave	1	0.1%
822 NE Hancock ST	1	0.1%
824 SE 69th Ave	1	0.1%
824 SE 73rd Ave	1	0.1%
828 SE Ash St	1	0.1%
8316 N Lombard st #444	1	0.1%
8330 NE Pacific St. #1202	1	0.1%
8501 SE Yamhill St	1	0.1%
8504 SE Market St	1	0.1%
8538 N. Syracuse St.	1	0.1%
8616 SE Washington St	1	0.1%
8641 NE Pacific st	1	0.1%
8828 Se Pine St	1	0.1%
8837 se rhone st	1	0.1%
8925 ne Edison street	1	0.1%
9026 N Syracuse St	1	0.1%
910 NW NAITO PKWY APT I18	1	0.1%
910 se 42nd #370	1	0.1%
9101 E Burnside	1	0.1%
919 se 48th	1	0.1%
920 SE 67 th	1	0.1%
922 se franklin st	1	0.1%
9231 N Trumbull Ave	1	0.1%
930 SE 69th	1	0.1%
949 North Prescott Street	1	0.1%
972135735 ne 61	1	0.1%
Alsdorf	1	0.1%
Blakeslee	1	0.1%
Brazelton	1	0.1%
Clark	1	0.1%
Cody-Wald	1	0.1%
Inner NE Portland	1	0.1%

Jones	1	0.1%
P. O. Box 86731	1	0.1%
PO Box 29109	1	0.1%
PO Box 33142	1	0.1%
PO Box 51083	1	0.1%
POBOX 80090	1	0.1%
Redmon	1	0.1%
SE 58th Ave.	1	0.1%
SE 60th AVE	1	0.1%
se hawthorne	1	0.1%
SE Ivon St	1	0.1%
Summers Park	1	0.1%
Wheeler	1	0.1%
Total	966	
City/State		
	396	41.2%
Portland	258	26.8%
portland, OR	151	15.7%
Portland OR	48	5.0%
Portland, Oregon	20	2.1%
Portland/OR	17	1.8%
OR	14	1.5%
Portland Oregon	9	0.9%
portland/Oregon	1	0.1%
portland. OR	4	0.4%
Oregon	3	0.3%
Gresham, OR	2	0.2%
Pdx	2	0.2%
Portland OR	2	0.2%
Portland / Oregon	2	0.2%
Camas Wa.	1	0.1%
portland/OR	1	0.1%
Arlington, wa	1	0.1%
Beaverton	1	0.1%
Beaverton?, OR	1	0.1%
Eagle Creek	1	0.1%
Eagle Creek, OR	1	0.1%
Eugene	1	0.1%

Eugene OR	1	0.1%
Haiku	1	0.1%
Lake Oswego	1	0.1%
Maywood Park	1	0.1%
Milwaukie	1	0.1%
Oak Grove, Oregon	1	0.1%
PDX,	1	0.1%
pdx, OR	1	0.1%
pdx/or	1	0.1%
PDX~ or	1	0.1%
Portland , or	1	0.1%
Portland / OR	1	0.1%
Portland, OR	1	0.1%
Portland, Oregon	1	0.1%
Portland, I'D	1	0.1%
Portland,OR	1	0.1%
Portland. OR	1	0.1%
Portland/Or.	1	0.1%
porttland, oregon	1	0.1%
Sherwood / OR	1	0.1%
Troutdale, Oregon	1	0.1%
Tualatin	1	0.1%
Vancouver, WA	1	0.1%
West linn	1	0.1%
Total	961	
Zip		
	323	33.4%
97215	195	20.2%
97214	69	7.1%
97206	65	6.7%
97202	51	5.3%
97211	37	3.8%
97213	29	3.0%
97217	23	2.4%
97212	16	1.7%
97218	14	1.4%
97232	13	1.3%
97216	12	1.2%

97220	12	1.2%
97266	9	0.9%
97203	8	0.8%
97201	6	0.6%
OR	6	0.6%
97219	5	0.5%
97227	5	0.5%
97230	5	0.5%
97239	4	0.4%
97210	3	0.3%
97221	3	0.3%
97222	3	0.3%
97225	3	0.3%
97236	3	0.3%
Oregon	3	0.3%
97022	2	0.2%
97030	2	0.2%
97127	2	0.2%
97206	1	0.1%
97215	1	0.1%
07217	1	0.1%
097211	1	0.1%
96206	1	0.1%
97006	1	0.1%
97035	1	0.1%
97060	1	0.1%
97062	1	0.1%
97068	1	0.1%
97078-2689	1	0.1%
97140	1	0.1%
97205	1	0.1%
97206-1135	1	0.1%
97206-5336	1	0.1%
97209	1	0.1%
972093741	1	0.1%
97211-4604	1	0.1%
97213-2621	1	0.1%
97214-3203	1	0.1%

972143143	1	0.1%
972152937	1	0.1%
972154032	1	0.1%
97216-3840	1	0.1%
97233	1	0.1%
97286	1	0.1%
97403	1	0.1%
97405	1	0.1%
97408	1	0.1%
97520	1	0.1%
97809	1	0.1%
98223	1	0.1%
98607	1	0.1%
98685	1	0.1%
OR 97215	1	0.1%
Total	966	
Email		
	480	49.7%
marlen91@comcast.net	2	0.2%
meckel.traver@gmail.com	2	0.2%
meyer4842@comcast.net	2	0.2%
Paisleyartmachine@gmail.com	2	0.2%
paradigmshift@lovebeing.org	2	0.2%
Stanhoffman@mindspring.com	2	0.2%
ashford3150@gmail.com	1	0.1%
riversandroses@msn.com	1	0.1%
503-285-9419	1	0.1%
503-901-3618	1	0.1%
6yanga3@copper.net	1	0.1%
9215	1	0.1%
97215	1	0.1%
97220	1	0.1%
acadiabaird@gmail.com	1	0.1%
achadden@gmail.com	1	0.1%
acjaggard@gmail.com	1	0.1%
Aeminer@mac.com	1	0.1%
Agiedwoyn@yahoo.com	1	0.1%
albert@albertideation.com	1	0.1%

alexandra.jackiw@gmail.com	1	0.1%
alexcross3@msn.com	1	0.1%
alissakg@comcast.net	1	0.1%
Amatic@pdx.edu	1	0.1%
amberlinblessinger@gmail.com	1	0.1%
amhtw2003@yahoo.com	1	0.1%
Amiliscious@gmail.com	1	0.1%
amybakerma@yahoo.com	1	0.1%
Amylydiahall@gmail.com	1	0.1%
amyolene@gmail.com	1	0.1%
amyzing42@hotmail.com	1	0.1%
andrewtaylorwilkins@gmail.com	1	0.1%
angedetour@gmail.com	1	0.1%
anna@annafritz.com	1	0.1%
annelisekelly@gmail.com	1	0.1%
ansula@gmail.com	1	0.1%
anthony.m.fost@gmail.com	1	0.1%
aqua_lovr@yahoo.com	1	0.1%
attunementmovement@gmail.com	1	0.1%
Awakeningmeridian@gmail.com	1	0.1%
bbblues23@yahoo.com	1	0.1%
bcaplener@gmail.com	1	0.1%
ben.waisanen@mac.com	1	0.1%
ben_rasche@hotmail.com	1	0.1%
benndavenport@gmail.com	1	0.1%
betsysalter@comcast.net	1	0.1%
betsyzucker@gmail.com	1	0.1%
Bioplasticsoregon@gmail.com	1	0.1%
bjammin@aracnet.com	1	0.1%
Blondnahalf07@yahoo.com	1	0.1%
bobi_blue@yahoo.com	1	0.1%
bonitajdavis@mn.com	1	0.1%
bootsnbolts@gmail.com	1	0.1%
bowyerjo@aol.com	1	0.1%
brad@bradyazzolino.com	1	0.1%
bradley.mosher@gmail.com	1	0.1%
brandy.lentz@pcc.edu	1	0.1%
brazel.amanda@gmail.com	1	0.1%

brendapurvis@gmail.com	1	0.1%
brettlifenectar@gmail.com	1	0.1%
brianamitchell@gmail.com	1	0.1%
brianlmaher@yahoo.com	1	0.1%
brittany@webbrandagency.com	1	0.1%
brookmthompson@gmail.com	1	0.1%
Bryansebok@gmail.com	1	0.1%
budgarrison@ymail.com	1	0.1%
caglanbaler@gmail.com	1	0.1%
cait.irvine@gmail.com	1	0.1%
caldwelldavids@gmail.com	1	0.1%
carnation_54@hotmail.com	1	0.1%
carol.lane@excite.com	1	0.1%
carolesnews2@gmail.com	1	0.1%
carrielaacina@gmail.com	1	0.1%
carrimunn@gmail.com	1	0.1%
carson@carsonlattimore.com	1	0.1%
certifiedpet@gmail.com	1	0.1%
Charliecoko@gmail.com	1	0.1%
chdorr@comcast.net	1	0.1%
Chhotiwala@gmail.com	1	0.1%
chris.shaffer@gmail.com	1	0.1%
christybrownow@gmail.com	1	0.1%
cicombe@gmail.com	1	0.1%
Clairevoyant@gmail.com	1	0.1%
ColleenWelch@gmail.com	1	0.1%
conlon@pdx.edu	1	0.1%
coracoronel@gmail.com	1	0.1%
corrigan@easystreet.net	1	0.1%
courtney@scottwork.com	1	0.1%
courtney765@comcast.net	1	0.1%
cpypdx@gmail.com	1	0.1%
cqflores@gmail.com	1	0.1%
craigbrandis@gmail.com	1	0.1%
craigopfer@yahoo.com	1	0.1%
crees1080@gmail.com	1	0.1%
cskpdx@aol.com	1	0.1%
cyndiro@gmail.com	1	0.1%

dabopen@gmail.com	1	0.1%
dallas_deluca@yahoo.com	1	0.1%
dan@danbrazelton.com	1	0.1%
dan@dc-creativelabs.com	1	0.1%
Dana.d.lmt@gmail.com	1	0.1%
danaawear@gmail.com	1	0.1%
dancingcreatress@gmail.com	1	0.1%
danielparkermusic@yahoo.com	1	0.1%
dannanieto@gmail.com	1	0.1%
dansloaniii@gmail.com	1	0.1%
danwilson48@pps.net	1	0.1%
darossart@gmail.com	1	0.1%
darvlloyd@gmail.com	1	0.1%
davehillman@comcast.net	1	0.1%
david.l.petty@gmail.com	1	0.1%
davidafd@ymail.com	1	0.1%
Dawnharpel@gmail.com	1	0.1%
dcmadsen@gmail.com	1	0.1%
dcrafton5@comcast.net	1	0.1%
dddddddddd98104@yahoo.com	1	0.1%
debra.canales@comcast.net	1	0.1%
debra_zavala@hotmail.com	1	0.1%
decembercarson@gmail.com	1	0.1%
deebeckoregon@gmail.com	1	0.1%
delosfox@hotmail.com	1	0.1%
Destinationunknown@gmail.com	1	0.1%
devitamcbride@gmail.com	1	0.1%
dj	1	0.1%
dl_chloe@yahoo.com	1	0.1%
dlabcahill@gmail.com	1	0.1%
dlima84@gmail.com	1	0.1%
docwang78@gmail.com	1	0.1%
draphael@comcast.net	1	0.1%
drdan42@gmail.com	1	0.1%
drewhormann@gmail.com	1	0.1%
drift.mavyn@gmail.com	1	0.1%
droberts5949@msn.com	1	0.1%
dshultz52@gmail.com	1	0.1%

dtj108@yahoo.com	1	0.1%
Duchessoflevity@gmail.com	1	0.1%
duckyis2@gmail.com	1	0.1%
dufus@pacifier.com	1	0.1%
dwan@dwanjabi.com	1	0.1%
e.f.harbison@gmail.com	1	0.1%
e33maschwab@gmail.com	1	0.1%
ebeam0266@yahoo.com	1	0.1%
ebpax1@gmail.com	1	0.1%
eddopdx@q.com	1	0.1%
edhershey@comcast.net	1	0.1%
editor2@bbimedia.com	1	0.1%
egiobbi@comcast.net	1	0.1%
ellen.rubinstein@gmail.com	1	0.1%
ellensimmons@verizon.net	1	0.1%
emarie2525@yahoo.com	1	0.1%
emilychenoweth@yahoo.com	1	0.1%
emkelley87@gmail.com	1	0.1%
encorepoliticalservices@hotmail.com	1	0.1%
erik.emanuelson@gmail.com	1	0.1%
ewisteria@yahoo.com	1	0.1%
family@genia.org	1	0.1%
Farmdreads@hotmail.com	1	0.1%
floidthebarber@yahoo.com	1	0.1%
Floraj67@gmail.com	1	0.1%
floy21@msn.com	1	0.1%
freds@sms1.org	1	0.1%
freeairfreewater@yahoo.com	1	0.1%
fuchsiaforest@gmail.com	1	0.1%
genia@genia.org	1	0.1%
gillygb@yahoo.com	1	0.1%
gilvital@hotmail.com	1	0.1%
gjensonwheeler@comcast.net	1	0.1%
glenda@inbalanceservices.com	1	0.1%
goodiejackson@gmail.com	1	0.1%
gorustic@gmail.com	1	0.1%
greenbunnygoods@gmail.com	1	0.1%
gretchan.jackson@gmail.com	1	0.1%

Gwilliam15@hotmail.com	1	0.1%
haleywax@comcast.net	1	0.1%
halvorson.lbc@comcast.net	1	0.1%
hannan.email@gmail.com	1	0.1%
harposleg@gmail.com	1	0.1%
harriet.beauchamp@gmail.com	1	0.1%
havefreedom@earthlink.net	1	0.1%
hbhbox13@yahoo.com	1	0.1%
heidi@autojobsonline.com	1	0.1%
helgafuller@gmail.com	1	0.1%
herschel@spiritone.com	1	0.1%
hkeinholtz@gmail.com	1	0.1%
hlbryan@mac.com	1	0.1%
holly@peoplingpeople.com	1	0.1%
hollyblake@comcast.net	1	0.1%
holtzman.sally@gmail.com	1	0.1%
honeydancer17@yahoo.com	1	0.1%
Howey.r@gmail.com	1	0.1%
htolbert@utexas.edu	1	0.1%
iamsandrag@gmail.com	1	0.1%
infinite242@gmail.com	1	0.1%
info@jeyaaerenson.com	1	0.1%
lvykatz@gmail.com	1	0.1%
j.w.cool@gmail.com	1	0.1%
jackobein@gmail.com	1	0.1%
jacqnjon@comcast.net	1	0.1%
jacque.dewolf@yahoo.com	1	0.1%
Jadedbrew@gmail.com	1	0.1%
jalexmichaels@hotmail.com	1	0.1%
jamesblivingston@gmail.com	1	0.1%
jamescollinslaw@yahoo.com	1	0.1%
jasonmmisner@gmail.com	1	0.1%
jasonranker@gmail.com	1	0.1%
jayalvaro@msn.com	1	0.1%
jbohem@gmail.com	1	0.1%
Jcadwellpdx@hotmail.com	1	0.1%
jcjones@pacifier.com	1	0.1%
jeanninebrown333@gmail.com	1	0.1%

jeff.betts@gmail.com	1	0.1%
jeff.frane@gmail.com	1	0.1%
Jessicagsnyder@gmail.com	1	0.1%
jesstrix@gmail.com	1	0.1%
jewls4u2treasure@yahoo.com	1	0.1%
jhmclaren@yahoo.com	1	0.1%
jimjas@gmail.com	1	0.1%
jj.bjordahl@gmail.com	1	0.1%
jjdances1@yahoo.com	1	0.1%
jjmcateer@gmail.com	1	0.1%
jjones@bestweb.net	1	0.1%
joanie@happywhisk.com	1	0.1%
john@frozenpoodle.com	1	0.1%
john@sitepainters.net	1	0.1%
johnny@peakexperience.cc	1	0.1%
Jonah@riverfish.org	1	0.1%
jonboerner@comcast.net	1	0.1%
joshua.bernsen@gmail.com	1	0.1%
joshua.force@gmail.com	1	0.1%
Jsunwells @	1	0.1%
jtemprano@hotmail.com	1	0.1%
jtoddmartin@gmail.com	1	0.1%
juditharmatta@gmail.com	1	0.1%
judy92809@gmail.com	1	0.1%
julia.degraw@gmail.com	1	0.1%
justine@morphisstudios.com	1	0.1%
jwilli_irie@yahoo.com	1	0.1%
ka48@msn.com	1	0.1%
kaliikeke1944@gmail.com	1	0.1%
Karahlockman@gmail.com	1	0.1%
Karasea@gmail.com	1	0.1%
karen@checkoway.com	1	0.1%
karlamsuccess@gmail.com	1	0.1%
katemcn@comcast.net	1	0.1%
kathleenmarieparker78@gmail.com	1	0.1%
katiedobe@yahoo.com	1	0.1%
Kayhall@mindspring.com	1	0.1%
kdalessandro8884@msn.com	1	0.1%

Keaston@pcc.edu	1	0.1%
keeshawallace73@gmail.com	1	0.1%
Keithdaly@gmail.com	1	0.1%
Kendrakw@gmail.com	1	0.1%
khut.rithy@gmail.com	1	0.1%
Kirk@kirkdeford.com	1	0.1%
kjschuman@msn.com	1	0.1%
kmillion@verizon.net	1	0.1%
kmpozzi@comcast.net	1	0.1%
kmt6336@gmail.com	1	0.1%
koshtra@yahoo.com	1	0.1%
kpedery@gmail.com	1	0.1%
krisancan@comcast.net	1	0.1%
kristinrosling@hotmail.com	1	0.1%
kundalini@climbatree.com	1	0.1%
kurtmarionlmt@gmail.com	1	0.1%
Kvnwoodruff@gmail.com	1	0.1%
labordav@me.com	1	0.1%
ladychimche@yahoo.com	1	0.1%
lambhash@yahoo.com	1	0.1%
laurenizabethmoreno@gmail.com	1	0.1%
laurentoby@yahoo.com	1	0.1%
lauriesonnenfeld@gmail.com	1	0.1%
lazytoo@centurylink.net	1	0.1%
lesliechester53@yahoo.com	1	0.1%
leslierose8@gmail.com	1	0.1%
lgreif@juno.com	1	0.1%
lindasheeley@yahoo.com	1	0.1%
Lindsaytallon@gmail.com	1	0.1%
lisagreent@gmail.com	1	0.1%
Liscum@gmail.com	1	0.1%
lizziemccann@gmail.com	1	0.1%
lknagase@gmail.com	1	0.1%
lloyd.lemmermann@gmail.com	1	0.1%
lora_britt@yahoo.com	1	0.1%
loretta@spiritone.com	1	0.1%
louisar78@gmail.com	1	0.1%
Lubell750@hotmail.com	1	0.1%

Lucykissa@yahoo.com	1	0.1%
lukedolkas@yahoo.com	1	0.1%
lymphocyte58@hotmail.com	1	0.1%
lynn@hevanet.com	1	0.1%
lynnfein.register@comcast.net	1	0.1%
mandy@mandykruger.com	1	0.1%
marisa_kula@yahoo.com	1	0.1%
marjinb@hotmail.com	1	0.1%
mark.owen@puralytics.com	1	0.1%
Markw@tvaarchitects.com	1	0.1%
martrese@gmail.com	1	0.1%
marty_mitchell_99@yahoo.com	1	0.1%
mattbutler2006@gmail.com	1	0.1%
mattgordon23@gmail.com	1	0.1%
matticellc@me.com	1	0.1%
mckate@zoho.com	1	0.1%
mcneesejim@yahoo.com	1	0.1%
meadowbgoldman@gmail.com	1	0.1%
meera.hays@gmail.com	1	0.1%
mel@rios.org	1	0.1%
merlinsgarden@yahoo.com	1	0.1%
Mgodet@comcast.net	1	0.1%
michele@theyogospace.com	1	0.1%
micheleglazer@gmail.com	1	0.1%
midgepierce@gmail.com	1	0.1%
mike@therawdiet.com	1	0.1%
Mikeztaps@gmail.com	1	0.1%
milonrosie@msn.com	1	0.1%
mindyfitch@yahoo.com	1	0.1%
Misterbencarter@gmail.com	1	0.1%
Mizjprice@gmail.com	1	0.1%
mjlapine@gmail.com	1	0.1%
mlgibb@gmail.com	1	0.1%
Mmagnus2407@msn.com	1	0.1%
mmrobertson@comcast.net	1	0.1%
molinaroarchitect@gmail.com	1	0.1%
molliestar11@gmail.com	1	0.1%
moodarea52@yahoo.com	1	0.1%

mrvogt@comcast.net	1	0.1%
msanbo@gmail.com	1	0.1%
mtmorrow@comcast.net	1	0.1%
Mwhizzy@gmail.com	1	0.1%
mzadikov@gmail.com	1	0.1%
n/a	1	0.1%
Nagual@spiritone.com	1	0.1%
nancyt@inseportland.com	1	0.1%
nathan503@gmail.com	1	0.1%
Nicholasbminer@gmail.com	1	0.1%
nintu9@yahoo.com	1	0.1%
nirvanasurf@gmail.com	1	0.1%
Nleeborg@gmail.com	1	0.1%
noraharbison@gmail.com	1	0.1%
norjacw1@gmail.com	1	0.1%
notsoshie@hotmail.com	1	0.1%
odessapdx@gmail.com	1	0.1%
Omaried@mac.com	1	0.1%
oneida.trainor@gmail.com	1	0.1%
organic.brian@yahoo.com	1	0.1%
othertucker@gmail.com	1	0.1%
page.scott42@gmail.com	1	0.1%
pamelaanboyd@yahoo.com	1	0.1%
pamjay60@yahoo.com	1	0.1%
paradeva@yahoo.com	1	0.1%
patrainport@msn.com	1	0.1%
patricia.h.no@gmail.com	1	0.1%
patriciadair@gmail.com	1	0.1%
paul@100fires.com	1	0.1%
pauleck@q.com	1	0.1%
Pdxhalfpint@yahoo.com	1	0.1%
pdxjoan@yahoo.com	1	0.1%
plumblyne@gmail.com	1	0.1%
pol@netstruct.com	1	0.1%
portlandoregon.gov@kenricashe.com	1	0.1%
portlandpearl@gmail.com	1	0.1%
potterd42@hotmail.com	1	0.1%
primitivemodern@comcast.net	1	0.1%

pulsjohn@hotmail.com	1	0.1%
Punches1@msn.com	1	0.1%
puroemily@gmail.com	1	0.1%
quanyondove@yahoo.com	1	0.1%
queenbee@herbnwisdom.com	1	0.1%
quickcard@gmail.com	1	0.1%
radicalselfcare@gmail.com	1	0.1%
radman2938@netscape.net	1	0.1%
raemullin@me.com	1	0.1%
rainrelief@yahoo.com	1	0.1%
rainsoaked1@comcast.net	1	0.1%
raku_loren@yahoo.com	1	0.1%
ranchodelcarter@comcast.net	1	0.1%
Ravencallstudio@comcast.net	1	0.1%
reale.alexis@gmail.com	1	0.1%
rebeccaxcasanova@gmail.com	1	0.1%
renamusic23@yahoo.com	1	0.1%
rex@efn.org	1	0.1%
reyaskye@gmail.com	1	0.1%
reyrapc@yahoo.com	1	0.1%
richards.roberta@gmail.com	1	0.1%
robertncrider@gmail.com	1	0.1%
robin.rosenberg@wk.com	1	0.1%
robin@robinjackson.net	1	0.1%
Rocarpenter@comcast.net	1	0.1%
roger.joys.register@gmail.com	1	0.1%
ronaldgpitt@yahoo.com	1	0.1%
Rosebearheart@gmail.com	1	0.1%
rsblatt@gmail.com	1	0.1%
ryan@mediabeef.com	1	0.1%
sabbylou@gmail.com	1	0.1%
saillerua@gmail.com	1	0.1%
samuelsauter@gmail.com	1	0.1%
santna@gmail.com	1	0.1%
sarahc.acupuncture@gmail.com	1	0.1%
sarahsparkle65@comcast.net	1	0.1%
sarajeck@gmail.com	1	0.1%
sax_nerd@yahoo.com	1	0.1%

Scotluck@yahoo.com	1	0.1%
scottmahood@hotmail.com	1	0.1%
Sean_connolly@comcast.net	1	0.1%
secretnatasha@gmail.com	1	0.1%
shamansdream@mac.com	1	0.1%
SharieDietz@yahoo.com	1	0.1%
Shecogs@yahoo.com	1	0.1%
shee0106@msn.com	1	0.1%
shermstix@gmail.com	1	0.1%
Shookspam@aol.com	1	0.1%
siduriana@gmail.com	1	0.1%
siere@mybodynow.us	1	0.1%
sjprofeta@yahoo.com	1	0.1%
skbinsb@mac.com	1	0.1%
slvrnmph@gmail.com	1	0.1%
smayfield@Gmail.com	1	0.1%
smoodyb@ohsu.edu	1	0.1%
Sophie.ragsdale@gmail.com	1	0.1%
soringdulph@gmail.com	1	0.1%
spamsuction@gmail.com	1	0.1%
spectral1320@yahoo.com	1	0.1%
Starfishlaughter@yahoo.com	1	0.1%
stephaniecalvert@yahoo.com	1	0.1%
stephen.judkins@gmail.com	1	0.1%
Stephenmcahill@gmail.com	1	0.1%
studionn@mac.com	1	0.1%
stye61@gmail.com	1	0.1%
sunfitz@easystreet.net	1	0.1%
supahigh@gmail.com	1	0.1%
susannahjean@mac.com	1	0.1%
susiesnyder@msn.com	1	0.1%
suzanne@fatcathatsandsacks.com	1	0.1%
sweepingit@yahoo.com	1	0.1%
swerber@comcast.net	1	0.1%
swirlingtheuniverse@gmail.com	1	0.1%
taggart@collectiveeye.org	1	0.1%
talinawilson@yahoo.com	1	0.1%
tankgirl74@gmail.com	1	0.1%

Tara313@gmail.com	1	0.1%
taragrace808@gmail.com	1	0.1%
Tboyfab@yahoo.com	1	0.1%
tclash@mac.com	1	0.1%
tee_leaves@yahoo.com	1	0.1%
terry.dublinski@gmail.com	1	0.1%
terrygentry@hotmail.com	1	0.1%
Theflagofyourlove@gmail.com	1	0.1%
thejudykayser@gmail.com	1	0.1%
themathleticdept@gmail.com	1	0.1%
timberloft62@gmail.com	1	0.1%
timmitch@comcast.net	1	0.1%
tjenness @gmail. com	1	0.1%
tobintanner@gmail.com	1	0.1%
TOMLANGE1@YAHOO.COM	1	0.1%
treothe@yahoo.com	1	0.1%
tshofner@gmail.com	1	0.1%
tunacole66@gmail.com	1	0.1%
tyenorth@gmail.com	1	0.1%
Tyfu@me.com	1	0.1%
ursalataan@hotmail.com	1	0.1%
vanillabike@comcast.net	1	0.1%
victoriajog@gmail.com	1	0.1%
wanderinglee@hotmail.com	1	0.1%
wellwoodlmt@gmail.com	1	0.1%
wendywiles@comcast.net	1	0.1%
whimperingpooch@gmail.com	1	0.1%
whitehearthenna.com	1	0.1%
william.c.henderson@gmail.com	1	0.1%
wisterial@gmail.com	1	0.1%
witheringoflight@gmail.com	1	0.1%
wlrisser@gmail.com	1	0.1%
wordnotwors@yahoo.com	1	0.1%
wrdietz@yahoo.com	1	0.1%
wrennakeller@hotmail.com	1	0.1%
wwwdifreako@yahoo.com	1	0.1%
xxxlisabellxxx@yahoo.com	1	0.1%
yesitall@gmail.com	1	0.1%

youjust@gmail.com	1	0.1%
z962873@hotmail.com	1	0.1%
ziegstar@gmail.com	1	0.1%
zipporahnaomi@gmail.com	1	0.1%
Total	966	
Phone		
	652	67.5%
503 236-1486	2	0.2%
503-233-3880	2	0.2%
503-238-5217	2	0.2%
503-772-0453	2	0.2%
5032624970	2	0.2%
5038691093	2	0.2%
n/a	2	0.2%
(503)-441-8744	1	0.1%
5037340181	1	0.1%
(415) 297-8238	1	0.1%
(503) 209-6351	1	0.1%
(503) 232-2097	1	0.1%
(503) 234-3785	1	0.1%
(503) 235-5949	1	0.1%
(503) 236-3522	1	0.1%
(503) 250-0206	1	0.1%
(503) 254-2958	1	0.1%
(503) 3123579	1	0.1%
(503) 422-5500	1	0.1%
(503) 516-2809	1	0.1%
(503) 539-5055	1	0.1%
(503) 771-0726	1	0.1%
(503) 806-4540	1	0.1%
(503) 929-0243	1	0.1%
(503) 970-4074	1	0.1%
(503)-984-9623	1	0.1%
(503)449-2144	1	0.1%
(916) 577-0794	1	0.1%
(971)222-8422	1	0.1%
19512197717	1	0.1%
201-920-5100	1	0.1%

206-910-5938	1	0.1%
2062359761	1	0.1%
2085507396	1	0.1%
3123919098	1	0.1%
3146088351	1	0.1%
3165188959	1	0.1%
360 798 3271	1	0.1%
360-546-2019	1	0.1%
3607229645	1	0.1%
3609518689	1	0.1%
4088234863	1	0.1%
4133202415	1	0.1%
4153051133	1	0.1%
4155318966	1	0.1%
503 201 9542	1	0.1%
503 223 1998	1	0.1%
503 232 2097	1	0.1%
503 232-5969	1	0.1%
503 239 5241	1	0.1%
503 284 2067	1	0.1%
503 327 8362	1	0.1%
503 347 2749	1	0.1%
503 423-7103	1	0.1%
503 449-0615	1	0.1%
503 477-1926	1	0.1%
503 539 3976	1	0.1%
503 544-8763	1	0.1%
503 575 0791	1	0.1%
503 667-7723	1	0.1%
503 721 7217	1	0.1%
503 780-5240	1	0.1%
503 804 6699	1	0.1%
503 819-0901	1	0.1%
503 956-6771	1	0.1%
503,501,8149	1	0.1%
503-213-4064	1	0.1%
503-217-4372	1	0.1%
503-227-1340	1	0.1%

503-231-2557	1	0.1%
503-232-4142	1	0.1%
503-232-5225	1	0.1%
503-233-1166	1	0.1%
503-233-2442	1	0.1%
503-234-2189	1	0.1%
503-235-7369	1	0.1%
503-239-0192	1	0.1%
503-241-0540	1	0.1%
503-245-8876	1	0.1%
503-246-1156	1	0.1%
503-251-0419	1	0.1%
503-251-2784	1	0.1%
503-252-1448	1	0.1%
503-253-4243	1	0.1%
503-253-9736	1	0.1%
503-254-2744	1	0.1%
503-265-9325	1	0.1%
503-267-5432	1	0.1%
503-267-9565	1	0.1%
503-274-7408	1	0.1%
503-281-0959	1	0.1%
503-284-3897	1	0.1%
503-287-3537	1	0.1%
503-288-5513	1	0.1%
503-310-4726	1	0.1%
503-314-8260	1	0.1%
503-317-2701	1	0.1%
503-351-2429	1	0.1%
503-351-9440	1	0.1%
503-367-4693	1	0.1%
503-381-7740	1	0.1%
503-381-7990	1	0.1%
503-407-3437	1	0.1%
503-422-3738	1	0.1%
503-430-8817	1	0.1%
503-522-5550	1	0.1%
503-536-3360	1	0.1%

503-568-9643	1	0.1%
503-595-9392	1	0.1%
503-686-1050	1	0.1%
503-686-1447	1	0.1%
503-701-6664	1	0.1%
503-709-7968	1	0.1%
503-720-0979	1	0.1%
503-728-8765	1	0.1%
503-729-5790	1	0.1%
503-730-4135	1	0.1%
503-750-7891	1	0.1%
503-752-3492	1	0.1%
503-754-8432	1	0.1%
503-756-2813	1	0.1%
503-757-0227	1	0.1%
503-758-2250	1	0.1%
503-771-4292	1	0.1%
503-774-1598	1	0.1%
503-774-7779	1	0.1%
503-775-2909	1	0.1%
503-780-0897	1	0.1%
503-788-3135	1	0.1%
503-797-1753	1	0.1%
503-804-2680	1	0.1%
503-806-4613	1	0.1%
503-807-7714	1	0.1%
503-816-4826	1	0.1%
503-820-8416	1	0.1%
503-866-5745	1	0.1%
503-869-681/	1	0.1%
503-877-3689	1	0.1%
503-901-4061	1	0.1%
503-922-3648	1	0.1%
503-929-5496	1	0.1%
503-929-6416	1	0.1%
503-929-6992	1	0.1%
503-952-6989	1	0.1%
503-957-4040	1	0.1%

503-957-6137	1	0.1%
503-957-9758	1	0.1%
503-960-8015	1	0.1%
503-975-4053	1	0.1%
503.232.1440	1	0.1%
503.317-8080	1	0.1%
503.777.9555	1	0.1%
503.781-4956	1	0.1%
503.781.6219	1	0.1%
503.997.8487	1	0.1%
5032016834	1	0.1%
5032105031	1	0.1%
5032323167	1	0.1%
5032325495	1	0.1%
5032355618	1	0.1%
5032357840	1	0.1%
5032362590	1	0.1%
5032367795	1	0.1%
5032368115	1	0.1%
5032385479	1	0.1%
5032395436	1	0.1%
5032398461	1	0.1%
5032412551	1	0.1%
5032510200	1	0.1%
5032530522	1	0.1%
5032549868	1	0.1%
5032550150	1	0.1%
5032610479	1	0.1%
5032611355	1	0.1%
5032678151	1	0.1%
5032810959	1	0.1%
5032811023	1	0.1%
5033134699	1	0.1%
5033142501	1	0.1%
5033146412	1	0.1%
5033174787	1	0.1%
5033189456	1	0.1%
5033291996	1	0.1%

5033519758	1	0.1%
5033580029	1	0.1%
5033582814	1	0.1%
5033677056	1	0.1%
5033881244	1	0.1%
5033950096	1	0.1%
5034080476	1	0.1%
5034221857	1	0.1%
5034223576	1	0.1%
5034491777	1	0.1%
5034754683	1	0.1%
5034770551	1	0.1%
5034904409	1	0.1%
5035161225	1	0.1%
5035353874	1	0.1%
5035443838	1	0.1%
5035447614	1	0.1%
5035603971	1	0.1%
5035689714	1	0.1%
5035724656	1	0.1%
5035932013	1	0.1%
5036627147	1	0.1%
5036791399	1	0.1%
5037043084	1	0.1%
5037089956	1	0.1%
5037099461	1	0.1%
5037191308	1	0.1%
5037201555	1	0.1%
5037361236	1	0.1%
5037375243	1	0.1%
5037406180	1	0.1%
5037505539	1	0.1%
5037520972	1	0.1%
5037549501	1	0.1%
5037564049	1	0.1%
5037569414	1	0.1%
5037569867	1	0.1%
5037648344	1	0.1%

5037713904	1	0.1%
5037717724	1	0.1%
5037845775	1	0.1%
5037949599	1	0.1%
5037981022	1	0.1%
5037999808	1	0.1%
5038060541	1	0.1%
5038160367	1	0.1%
5038165412	1	0.1%
5038193662	1	0.1%
5038277000	1	0.1%
5038332908	1	0.1%
5038668181	1	0.1%
5038691660	1	0.1%
5038871048	1	0.1%
5038883311	1	0.1%
5038889701	1	0.1%
5038901477	1	0.1%
5038940237	1	0.1%
5038941992	1	0.1%
5038963816	1	0.1%
5038998686	1	0.1%
5039011042	1	0.1%
5039137883	1	0.1%
5039141300	1	0.1%
5039263248	1	0.1%
5039289759	1	0.1%
5039334282	1	0.1%
5039354918	1	0.1%
5039393904	1	0.1%
5039543926	1	0.1%
5039578143	1	0.1%
5039613142	1	0.1%
5039779582	1	0.1%
5039976750	1	0.1%
5128282899	1	0.1%
541-228-4737	1	0.1%
541-255-6386	1	0.1%

541-844-8477	1	0.1%
541-912-9792	1	0.1%
541-954-8296	1	0.1%
5412318521	1	0.1%
5856634283	1	0.1%
6104208111	1	0.1%
7174483279	1	0.1%
719-310-7219	1	0.1%
8054234693	1	0.1%
8088701006	1	0.1%
8089389629	1	0.1%
8182924532	1	0.1%
8605502610	1	0.1%
9079522137	1	0.1%
9082304472	1	0.1%
917 331 5164	1	0.1%
917 678 2341	1	0.1%
917.532.7802	1	0.1%
9179927367	1	0.1%
9188120940	1	0.1%
928-713-9547	1	0.1%
9492938902	1	0.1%
971-207-3173	1	0.1%
971-212-6932	1	0.1%
971-227-7567	1	0.1%
971-235-4693	1	0.1%
971-244-3087	1	0.1%
971-271-1383	1	0.1%
971-275-2297	1	0.1%
971-300-6527	1	0.1%
971-322-7421	1	0.1%
971-404-4658	1	0.1%
971-506-1790	1	0.1%
971-678-6839	1	0.1%
971.340.8842	1	0.1%
971.344.7844	1	0.1%
9712190846	1	0.1%
9712270589	1	0.1%

9712550726	1	0.1%
9712559704	1	0.1%
9714046100	1	0.1%
9714093142	1	0.1%
9715331790	1	0.1%
9715639733	1	0.1%
9716456066	1	0.1%
9716781661	1	0.1%
9716786843	1	0.1%
leobender@gmail.com	1	0.1%
Total	966	

Moore-Love, Karla

From: floy jones <floy21@msn.com>
Sent: Wednesday, April 22, 2015 9:23 PM
To: Council Clerk – Testimony
Subject: Washington Park Reservoir Demolition Review April 23
Attachments: Criminal Mischief at Reservoir # 7-1.pdf; Res7 Criminal Mischief photos 5-28-12.pdf

Attachments submitted for the Washington Park Reservoir Demolition Review Hearing April 23, 2015-
referenced in separate comments

1) Portland Water Bureau security report on 2012 covered reservoirs break-in and contamination -
hydrochloric acid bottle and other debris tossed into buried tank on Mt.. Tabor- Res.7 -referenced in
comments

2)PWB photos of 2012 buried tank security breach and contamination

PORTLAND WATER BUREAU							PAGE						
OFFICE OF SECURITY & EMERGENCY MANAGEMENT RESPONSE REPORT							1 OF 8						
WATER BUREAU INCIDENT # 12-WB217			OTHER AGENCY INCIDENT # PPB 12-45565		TYPE OF ACTIVITY: <input checked="" type="checkbox"/> SELF INITIATED (SI) <input type="checkbox"/> RADIO (R)								
DATE 5/28/12	RECEIVED TIME 0402	ARRIVED TIME 0402	CLEARED TIME 0600	DATE WRITTEN / SUBMITTED 5/28/12 / 5/28/12									
NAME OF LOCATION / SITE Mt. Tabor Park Reservoir # 7, 1199 SE Tabor Summit Drive, Portland, OR													
SPECIFIC LOCATION ON SITE Reservoir # 7 Access Hatch, Adjacent Outbuilding (Parks?), Buried Valve Box													
Summary of Incident (Summary should include incident type, action taken and disposition in one brief paragraph)													
Criminal Mischief -- violations of City Ordinance 14A.50.130 (Misuse of Reservoirs) and City Ordinance 21.24.050 (Unlawful to Damage, Alter or Tamper With Water Property). During routine patrol, noticed outbuilding door missing (evidence that padlock was pried off and door broken off the hinges), outbuilding interior flooding, water spigots turned on full blast on interior of outbuilding, Reservoir # 7 hatch padlock missing (leaving Reservoir # 7 unsecure, with evidence that the padlock had been cut using a bolt cutter), numerous items (traffic cones, conduit pipe, portion of building door) visible on the bottom of the reservoir and lodged near the inner cover opening for the reservoir), and adjacent buried valve box cover removed. Operations DRC Degner, Security DRC Hediger, WCC, and Water Bureau PIO notified and report filed with PPB. Completed an incident report complete with photographs of the damage.													
COMPLAINANT (CO)		WITNESS (WI)		BUSINESS (BU)		INJURED (IJ)		OTHER (OT)		ADDITIONAL IN NARRATIVE: <input type="checkbox"/> YES <input type="checkbox"/> NO			
CODE	NAME			SEX	RACE		DATE OF BIRTH / /						
ADDRESS				CITY	STATE		ZIP	PHONE () -					
CODE	NAME			SEX	RACE		DATE OF BIRTH / /						
ADDRESS				CITY	STATE		ZIP	PHONE () -					
CODE	NAME			SEX	RACE		DATE OF BIRTH / /						
ADDRESS				CITY	STATE		ZIP	PHONE () -					
SUSPECT (S)		MISSING (MI)		DRUNK (DK)		DECEASED (DE)		MENTAL (ME)		OTHER (OT)		ADDITIONAL IN NARRATIVE: <input type="checkbox"/> YES <input type="checkbox"/> NO	
CODE	NAME			SEX	RACE		DATE OF BIRTH / /						
ADDITIONAL DESCRIPTION / AKA / MONIKER				HT , "	WT	HAIR	EYES	IN CUSTODY: <input type="checkbox"/> YES <input type="checkbox"/> NO					
ADDRESS				CITY	STATE		ZIP	PHONE () -					
CODE	NAME			SEX	RACE		DATE OF BIRTH / /						
ADDITIONAL DESCRIPTION / AKA / MONIKER				HT , "	WT	HAIR	EYES	IN CUSTODY: <input type="checkbox"/> YES <input type="checkbox"/> NO					
ADDRESS				CITY	STATE		ZIP	PHONE () -					
CODE	NAME			SEX	RACE		DATE OF BIRTH / /						
ADDITIONAL DESCRIPTION / AKA / MONIKER				HT , "	WT	HAIR	EYES	IN CUSTODY: <input type="checkbox"/> YES <input type="checkbox"/> NO					
ADDRESS				CITY	STATE		ZIP	PHONE () -					
VEHICLE: STOLEN (S)		RECOVERED (R)		ABANDONED (A)		TOWED (T)		VICTIM'S (V)		SUSPECT'S (X)		ADDITIONAL IN NARRATIVE: <input type="checkbox"/> YES <input type="checkbox"/> NO	
CODE	STATE	LICENSE NO.	VEH YR	MAKE	MODEL		STYLE	COLOR					
VEHICLE IDENTIFICATION NUMBER (VIN #)				TOWED BY		TOWED TO		NAME OF REQUESTOR / AGENCY					
PROPERTY: STOLEN (S) - LOST (L) - DAMAGED (D) - FOUND (F) - SAFEKEEPING (K) - RECOVERED (R)								ADDITIONAL IN NARRATIVE: <input type="checkbox"/> YES <input type="checkbox"/> NO					
CODE	QTY	ITEM			BRAND			MODEL / STYLE					
SERIAL #				ENGRAVINGS / PECULIARITIES									
COLOR				SIZE				VALUE					

CODE	QTY	ITEM	BRAND	MODEL / STYLE
SERIAL #			ENGRAVINGS / PECULIARITIES	
COLOR		SIZE	VALUE	
REPORTING SECURITY SPECIALIST Swanson		PS ID #: 25629	SHIFT NIGHT	ASSIGNMENT ON-SITE PATROL
PORTLAND WATER BUREAU OFFICE OF SECURITY & EMERGENCY MANAGEMENT NARRATIVE PAGE				SUPERVISOR'S SIGNATURE PAGE 2 OF 8
WATER BUREAU INCIDENT # 12-WB217			OTHER AGENCY INCIDENT # PPB 12-45565	
NARRATIVE- THE ORDER OF APPEARANCE INFORMATION WILL BE:				
ITEM 1: ADDITIONAL PERSON INFO - List additional people (not suspects) and identify their involvement with the appropriate code. Additional person info includes contacts.				
ITEM 2: ADDITIONAL SUSPECT INFO - List additional suspect info in the same fashion as reported in the suspect section. Include the identifying code.				
ITEM 3: ADDITIONAL VEHICLE INFO - List additional vehicles in the same fashion as reported in the vehicle section. Include the identifying code.				
ITEM 4: ADDITIONAL PROPERTY INFO - List additional properties in the same fashion as reported in the property section. Include the identifying code.				
ITEM 5: OTHER INFO - List other information not listed in the person, suspect, vehicle and property sections. Include the identifying code.				
ITEM 6: NARRATIVE - List in chronological order all of the relevant details of the incident and / or element of the crime.				

ITEM	NARRATIVE
------	-----------

6. On 5/28/12 at 0402 hours, while on routine patrol checking Reservoir # 7, I noticed someone had removed the door to the outbuilding (which I'm told belongs to the Parks Bureau). I exited the vehicle to investigate further and noticed someone had turned on two inside water spigots full force causing the building and building entryway to flood. I turned the building interior light on and turned off the water, then notified Ranger Dispatch and the Water Control Center (WCC). The water was about ten inches deep at the entryway and inside the building before it abated. Ranger dispatch also told me he would notify the Ranger DRC (Roger Hediger, 601) and that Lead Ranger Farrell (610) and Ranger Williams (629) were enroute from Washington Park to assist as well, arriving at 0427 hours. We noticed the access hatch gasket to Reservoir # 7 had also been disturbed and was exposed on one side, then noticed the padlock (10M86) normally securing that hatch was missing, leaving the reservoir unsecured. There were fresh cut marks on the metal hasp that held the padlock in place, but we could not find that padlock anywhere. We opened the hatch and shined our flashlights into the opening, down through the water in the reservoir, and could see several items that had been thrown into the reservoir -- several traffic cones, conduit pipe, a hose and other miscellaneous items -- which we surmised had likely originally been inside the outbuilding. Near the inner hatch opening, several feet below the outer hatch lid, we noticed a chunk of turf and what we believed to be a piece of the missing door resting on the edge of that second opening. It should be noted that we were unable to find the missing door in its entirety laying anywhere on the adjacent grounds and suspected the rest of the door might have been broken in several pieces and disposed of into the reservoir as well. Once we determined that the reservoir had been violated, we recontacted the WCC so that he could notify the Operations DRC (Andrew Degner) and take the reservoir off-line. Also, just to the south of the violated outbuilding, we noticed a buried valve box was missing its cover, pried open with a tree stick laying next to the box. We contacted Portland Police Bureau (PPB) to file a report and at 0523 hours, Officer Joseph Cook (#48042) arrived on scene. We examined the evidence further and found the pried-off padlock (Z-34 Parks lock) half-buried in the mud near the outbuilding entrance and pry marks on the left door jamb. On the right door jamb were the hinges and remnants of the wood from the door hanging off some of the hinge screws. I observed two beer cans and a beer bottle lying nearby, but we deduced they probably had nothing to do with this crime since they were partially obscured by the taller grass growing next to the building and the concrete reservoir cover. Officer Cook notified police dispatch of his observations and provided me with a case number -- PPB 12-45565. Ranger dispatch further informed us that others up the chain of command were notified as well as the Water Bureau Public Information Officer (PIO) and the WCC notified us that the active reservoir would be taken offline. After concluding our investigation and securing the Reservoir # 7 hatch with a temporary padlock (3033) and placing a barricade in the doorway of the unsecured outbuilding, Rangers Farrell, Williams and I along with Officer Cook, cleared from the scene at 0600 hours. My previous check of Reservoir # 7 had been at 0111 hours, and everything in this area was secure at that time, so this crime occurred sometime between 0111 hours and 0400 hours. I informed the relief ranger about the incident and told him we would need to keep a close eye on the outbuilding until the Parks Bureau could replace the missing door.

I wish to include additional information that may relate to this incident. There were numerous individuals in the park during the morning hours. Earlier in the morning around 0200 hours, near Gatehouse # 5, I contacted an Asian male, 5-8, medium build, with shoulder-length black hair and carrying a backpack, and gave him directions out of the park. I followed up by observing the monitors, and finally, at least twenty-thirty minutes after this contact, I observed him exit on the stairs leading to Harrison St. near Reservoir # 1, so he lingered somewhere in the park after my contact with him. At 0325 hours, I headed to Reservoir # 6 for patrol in the security vehicle. While on the access roadway just above the Reservoir # 1 Screenhouse, I encountered a WM, late 20's or early 30's, short brown hair and trimmed goatee, bicycle helmet worn over a dark knit cap, about 5-10, medium build, jeans, dark-colored jacket, on the hillside next to the access road. As I approached, he jumped off the hillside bank to retrieve his bicycle which was partially laying in the roadway. I informed him that the park was closed and that he needed to have lights on his bicycle for safety. I continued on my patrol to Reservoir # 6 and completed my patrol and returned to Reservoir # 1 to patrol that reservoir on foot. When I exited the vehicle, I heard some noise from the southeast corner of the reservoir. I walked down the gravel road on the south side of the reservoir and out from the darkness, I observed that same bicyclist emerge, this time riding his bicycle approaching me on the gravel road. I made a second contact with this male (about 15-20 minutes after initial contact -- he should have been out of the park by that time) and he gave me a story that he had stashed his bicycle panniers so he could lock up his bicycle and have a secure place for his belongings and meet up with friends elsewhere in the park. The story seemed strange, but I told him he could check at our gatehouse at Reservoir # 5 in the coming days to see if anyone had turned them in. He thanked me and rode off. At the same time, below my location at Reservoir # 1, on Harrison Street, I noticed some brake lights from an automobile that had parked along the curb near our Harrison gate. Because trees below blocked my view somewhat, I was not able to get a vehicle description, but I noticed four individuals -- two white males and two white females all appearing to be of average height and weight -- were standing in the middle of the street talking and laughing. Then I noticed one of the males was rolling what appeared to be a large truck tire and it flopped on its side in the middle of the street. Next I observed him lift the tire onto its tread and roll the tire down the steps that lead to the end of 69th Ave. as the group laughed with glee. I heard the tire hit something at the bottom of the hill and, as I headed down the steps to Harrison Street, the group had already exited the area in their vehicle. I notified Ranger Dispatch to contact PPB. Once I got to Harrison Street, I looked at the bottom of the hill and saw the tire resting on its side at the bottom of the steps next to an elevated manhole cover, apparently causing no damage to person or property. Could these four individuals or the cyclist or the Asian male been associated with what happened at Reservoir # 7? I include this additional information that might be helpful in case we have future criminal activity in which suspects are apprehended.

INCIDENT #

12-WB217

OTHER AGENCY INCIDENT #

PPB 12-45565

INCIDENT DATE: **5-28-12**

PHOTO # **1**

LOCATION:

INFO:



PHOTO # **2**

LOCATION:

INFO:



PHOTO # **3**

LOCATION:

INFO:

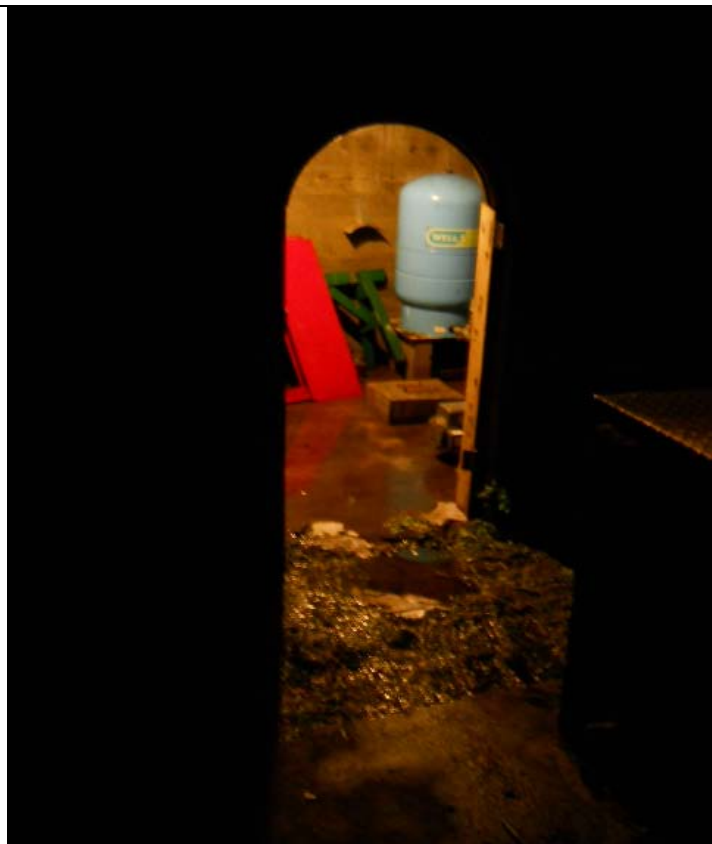


PHOTO # **4**

LOCATION:

INFO:



INCIDENT # 12-WB217	OTHER AGENCY INCIDENT # PPB 12-45565	INCIDENT DATE: 5-28-12
-------------------------------	---	-------------------------------

PHOTO # 5	LOCATION:
INFO:	



PHOTO # 6	LOCATION:
INFO:	



PHOTO # 7	LOCATION:
INFO:	



PHOTO # 8	LOCATION:
INFO:	



PORTLAND WATER BUREAU OFFICE OF SECURITY & EMERGENCY MANAGEMENT PHOTO PAGE				PAGE 6OF8	
INCIDENT # 12-WB217		OTHER AGENCY INCIDENT # PPB 12-45565		INCIDENT DATE: 5-28-12	
PHOTO # 9	LOCATION:			PHOTO # 10	LOCATION:
INFO:			INFO:		


PORTLAND WATER BUREAU OFFICE OF SECURITY & EMERGENCY MANAGEMENT PHOTO PAGE				PAGE 7OF8	
INCIDENT # 12-WB217		OTHER AGENCY INCIDENT # PPB 12-45565		INCIDENT DATE: 5-28-12	
PHOTO # 13	LOCATION:			PHOTO # 14	LOCATION:
INFO:			INFO:		
					



PHOTO # **15**

LOCATION:

INFO:

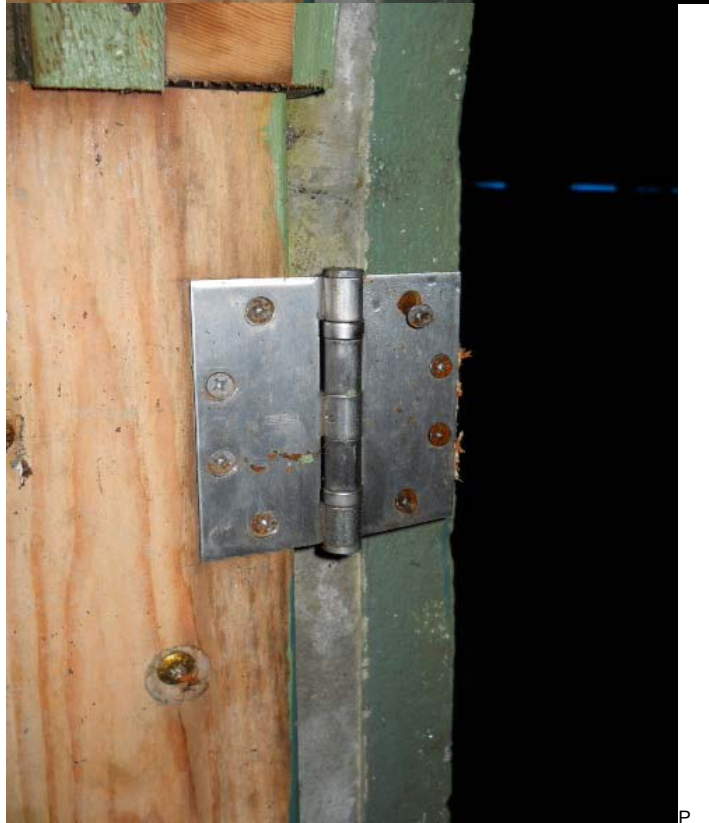


PHOTO # 11

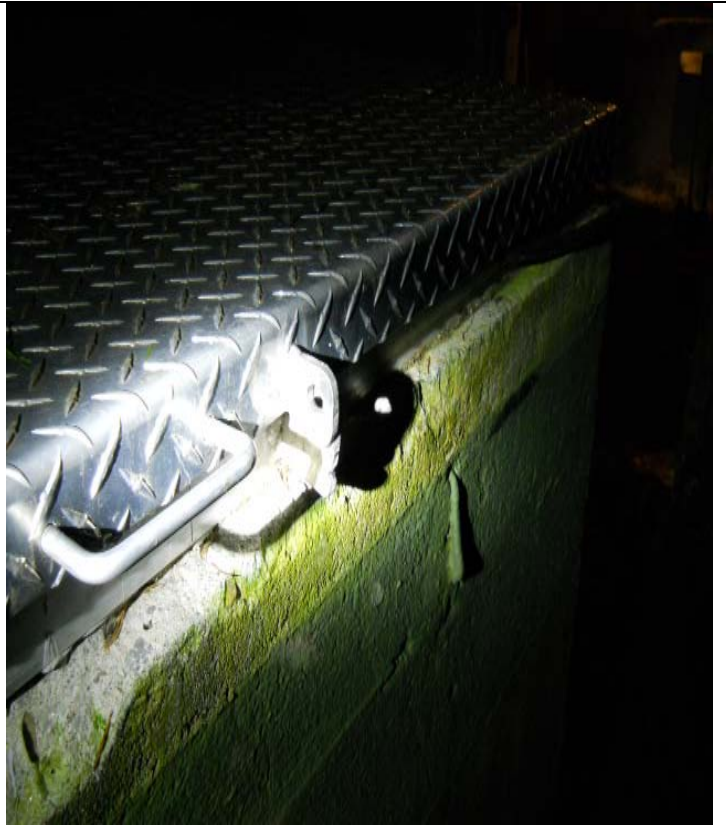
INFO:

SI
Z
E:

PHOTO # 12

LOCATION:

INFO:



Parsons, Susan

From: floy jones <floy21@msn.com>
Sent: Wednesday, April 22, 2015 9:11 PM
To: Council Clerk – Testimony
Subject: Washington Park Reservoir Demolition Review documents-April 23, 2015
Attachments: FERCltrSept2012FERCseismic.tif; Novick letter to OHA Drinking Water Program.pdf; OpenResStudy TechMemo5.70001.pdf - Google Drive.webarchive

The attached documents submitted for the Washington Park Reservoir Demolition Review related to comments references.

- 1) Federal Energy Regulatory Commission Reservoir communication that supports that the PWB overestimates risk including inundation in the case of massive seismic event. This letter addresses the much larger tanks at Mt. Tabor. The open reservoirs at Washington Park are smaller with even less risk. See detailed comments submitted separately.
- 2) Steve Novick OHA deferral request letter referenced in comments.
- 3) MWH Global Open Reservoir study Tech Memo Montgomery Watson Harza Global, was hired by the Water Bureau and studied the open reservoirs under a 9-year contract 30491 (1995-2004) . In a 2001 document[4], that firm rated the reservoirs as being in "good condition" and listed projects (see pp. C1-5 in this link) that, if completed over a 20-year period, would maintain the safe function of reservoirs until **2050**
Referenced in separate comments.

FEDERAL ENERGY REGULATORY COMMISSION
Office of Energy Projects
Division of Dam Safety and Inspections
Portland Regional Office
805 SW Broadway, Suite 550
Portland, Oregon 97205

SEP 6 2012

In reply refer to:

P-6957- OR

NATDAM No. OR00327

OR00317

OR83058

Mr. Frank R. Galida
Hydroelectric Power Section
City of Portland
1120 S.W. 5th Avenue, 5th Floor
Portland, Oregon 97204-1975

Subject: GIS Inundation Mapping for the Mt. Tabor Hydroelectric Project

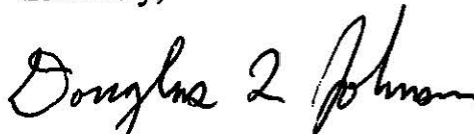
Dear Mr. Galida:

This is to acknowledge your July 9, 2012 letter transmitting three copies of your plan and schedule for completing revisions to the Geographic Information System (GIS) inundation mapping for the Emergency Action Plan (EAP) for the Mt. Tabor Hydroelectric Project, FERC No. 6957. We have reviewed the information provided and have the following comments:

1. The response regarding the Inundation Polygon is adequate. The information should be added to the EAP so that emergency responders clearly understand why the inundation boundary exactly follows Hawthorne Blvd for the Reservoir 5 & 6 failure.
2. The schedule for completing the updates with the annual EAP update in early 2013 is satisfactory.
3. Our review of the GIS information included a review of the Dam Break study in the EAP. The Commission's Guidelines for Dam Break studies support the use of conservative assumptions. The assumptions used in the Mt. Tabor Dam Break study appear to be overly conservative and likely results in a larger inundation area. We are concerned that emergency responders will be trying to cover a larger area than they need to and this could result in confusion or delays in reaching those areas where assistance would be needed. We recommend that the City review the assumptions used in the dam break study to see if they are conservative while still being realistic. If you decide to complete new Dam Break studies, please provide a plan and schedule for completing the study.

Your cooperation in dam safety efforts is appreciated. If you have any questions regarding this matter, please contact Mr. Ron Wright of this office at (503) 552-2736.

Sincerely,

A handwritten signature in black ink that reads "Douglas L. Johnson". The signature is written in a cursive style with a large, prominent "D" and "J".

Douglas L. Johnson, P.E.
Regional Engineer



CITY OF
PORTLAND, OREGON
OFFICE OF PUBLIC SAFETY

COMMISSIONER STEVE NOVICK
1221 SW 4th Ave. Suite 210
Portland, Oregon 97204
Phone: 503-823-4682
Fax: (503)-823-4019
novick@portlandoregon.gov

February 4, 2013

Mr. David Leland, Program Manager
Oregon Health Authority Drinking Water Program
P.O. Box 14450
Portland, OR 97293-0450

Subject: Request for Schedule Adjustment of LT2 Requirements for Uncovered Finished Drinking Water Reservoirs

Dear Mr. Leland:

As you well know, the Portland Water Bureau (PWB) currently stores finished drinking water in uncovered reservoirs at Mt. Tabor and Washington Park. On March 27, 2009, PWB submitted a schedule that was approved by the U.S. Environmental Protection Agency (EPA) to comply with the uncovered finished drinking water reservoir requirements in the Long Term 2 Enhanced Surface Water Treatment Rule (LT2). Portland's approved 2009 compliance schedule requires that it disconnect the reservoirs at Mt. Tabor from the distribution system by December 31, 2015, and cover Reservoir 3 and disconnect Reservoir 4 in Washington Park by December 31, 2020.

In a letter dated February 10, 2012, the City of Portland requested an extension of its LT2 reservoir compliance plan. That request was denied by OHA in a letter dated May 17, 2012. Since that request, new information has come to light that I feel merits additional reconsideration of our request for a deferral.

Having become aware that the City of Rochester, New York has been granted a request to amend its LT2 reservoir compliance schedule, the City of Portland again respectfully requests approval for a schedule adjustment for projects related to our compliance plan to replace its uncovered reservoirs with covered storage.

Specifically, on behalf of the Portland City Council, I request approval for a deferral of completion of the Mt. Tabor and Washington Park LT2 reservoir compliance projects to December 31, 2024, which is consistent with the City of Rochester's extension.

Portland is making this request for a new timeline because material economic and regulatory circumstances have changed since our compliance plan was submitted in early 2009. These circumstances include:

- Increasing water rates.
- Water demand that is declining steadily, resulting in even higher rates.

- Increasing debt-to-revenue ratio.
- Water Research Foundation Study 3021 which found no *Cryptosporidium* following extensive sampling in Portland's open reservoirs.
- Decision by the EPA to review and reassess the LT2 rule in response to President Obama's Executive Order and appeals from municipalities with uncovered reservoirs similar to Portland's.

In response to a request from New York's Senator Schumer and to President Obama's Executive Order 13563 requiring agencies "*...To facilitate the periodic review of existing significant regulations, agencies shall consider how best to promote retrospective analysis of rules that may be outmoded, ineffective, insufficient, or excessively burdensome, and to modify, streamline, expand, or repeal them in accordance with what has been learned.*", the EPA announced in 2011 its plan to review and possibly revise the LT2 regulation.

In an August 2011 letter EPA Administrator Lisa Jackson advised Senator Schumer that "*...different reservoirs around the country have different specific conditions and protections that may have a bearing on the public health benefits of the LT2 coverage requirements.*" EPA has said that they will, "*...reassess and analyze new data and information regarding occurrence, treatment, analytical methods, health effects, and risk from viruses, Giardia, and Cryptosporidium to evaluate whether there are new or additional ways to manage risk while assuring equivalent or improved public health protection.*"

The Portland Water Bureau, community stakeholders, other utilities, industry organizations such as the American Water Works Association (AWWA) and the Water Research Foundation (WRF), industry consultants, and university researchers are participating in the LT2 review and revision process scheduled to be complete by 2016. As part of this process, the Portland Water Bureau has submitted to the EPA relevant reservoir data associated with WRF study 3021 "*Detection of Infectious Cryptosporidium in Conventionally Treated Drinking Water*" and relevant disease surveillance data.

Since submitting our LT2 compliance plan in 2009, the WRF 3021 researchers have published their study. Among its conclusions, "*...According to the USEPA's SWTR, the goal of conventional water treatment plants should be a maximum annual risk of Cryptosporidium infection of 1 in 10,000. The results from these 14 plants indicated that the occurrence of infectious Cryptosporidium in conventionally treated drinking water in some areas of the U.S., produced by correctly operating treatment plants, was low and drinking water meets this risk goal.*" In our previous communications with you, the Portland Water Bureau informed OHA of Portland's 7000 liter open reservoir sampling, but not of the conclusions of the published report.

In addition, as part of EPA's LT2 rule revision process, New York City has supplied EPA with extensive new uncovered reservoir data demonstrating that their Hillview reservoir is not a source of *Cryptosporidium*. Finally, last year, Rochester, New York, which secured an amendment to their LT2 reservoir compliance schedule to 2024, is currently collecting 50 liter *Cryptosporidium* samples twice per month, having previously not collected any samples prior to securing an extension of its LT2 reservoir compliance projects.

While it is uncertain what changes the EPA might ultimately make to the LT2 rule, the City of Portland has an interest in benefiting from any alternative compliance options that may develop through the revision process. What I hope to avoid, and what I believe you can agree would be unacceptable, would be to proceed with the construction of these reservoir projects only to find out in 2016 they are no longer mandated.

Such an outcome would leave Portland ratepayers in debt for hundreds of millions of dollars with no regulatory mandate for a project that is not a public health priority.

With regard to the legitimacy of economic arguments as a basis for project deferral, I point to the City of Rochester which has a physical infrastructure very similar to Portland's open reservoir infrastructure. Rochester had three (3) uncovered reservoirs including two historic reservoirs which, like ours, are highly engineered reservoirs not subject to run-off of surface water and are over 100 years old and set in city parks. In 2012 Rochester completed covering one reservoir and successfully secured a 10-year extension until 2024 from the EPA LT2 "treat or cover" requirement for their remaining two historic open reservoirs arguing financial hardship, limited resources, and questioning the requirement of onerous expenditures without any measurable public health benefit.

Rochester sought to amend, on economic grounds, their previous compliance agreement of the LT2 rule as it applies to their open drinking water reservoirs. The request was granted in March 2012 by the State of New York, in consultation with the Environmental Protection Agency. Portland deserves the same consideration and reprieve, based on analogous circumstances, stronger justification, and an equitable and consistent application of federal law.

In its December 20, 2011 letter requesting an amendment to their LT2 project schedule, Rochester cited a variety of economic challenges, including a drop in water demand and rising water rates, *"While the population decreased by 10% since 2000, the water rates increased 44%. We have sought alternative funding sources such as congressional earmarks, EPA appropriations, and NYSDWSRF funding, but we have been unable to secure funding to lessen the financial hardship for the Cobbs Hill and Highland UV improvement. Due to the capital investment needs of the water system, we are carrying a very high debt load with a total principal and debt load payment of approximately \$5.5 million due in 2014. This debt load includes the \$15 million we have already spent on LT2ESWTR compliance projects."*

The City's letter goes on to say, *"US EPA Administrator Lisa Jackson recently announced a review of the LT2 rule. Ms. Jackson was prompted to review the LT2 rule because of requests from New York City, US Senator Charles Schumer, and others to reevaluate the effectiveness of the regulation in light of new data that brings into question the assumptions upon which the LT2 rule was promulgated."*

The Portland Water Bureau has a much stronger argument for deferral of LT2 projects on economic grounds than Rochester. During the same period of time cited by Rochester (FY 2000-01 to FY 2011-12), retail water rates in Portland increased by 89% compared to Rochester's 44%. In the same period retail water demand has declined in Portland 12%. Since then, Portland's rates increased by 7.6% this year and are expected to rise by a similar amount in July.

Rising water rates place a burden on residential ratepayers, both homeowners who receive the bill directly, and renters for whom water costs are built into base rent increases. Water consumption is, of course, a basic human necessity, unlike other elective utilities such as cable TV, cell phones and internet. While Portland offers a generous low-income discount program for both water and sewer rates, the program does not shield enrolled ratepayers from water rate increases. In fact, those enrolled in the low income discount program see the same annual rate of increase in their bills as conventional retail ratepayers.

Rising water rates also have an impact on our commercial customers. Last year, Siltronic Corp.—the City's largest water customer and a major employer—shuttered half of its Portland manufacturing capacity, laying off 350 workers. While rising water rates were not cited as the primary reason for the closure, the company made the point at the time that rising rates threaten the competitiveness of its remaining silicon wafer manufacturing plant.

Siltronic is representative of many major water customers in the City of Portland, in that it operates in a commodity market with little ability to pass rising production costs on to its customers through higher prices. Therefore, as water rates have risen in Portland by double digits each of the last few years, large water users in commodity markets like dairy products, textiles, food processing, and chemicals are finding Portland a less and less competitive place to do business.

In 2000, the PWB held \$134.8 million in outstanding debt, with annual debt service of \$12.8 million. As of July 1, 2012, the PWB is carrying \$440.1 million in outstanding debt, with annual debt service of \$36.1 million, representing about 26% of annual revenues. Much of this debt has been taken on to pay for expensive LT2 compliance projects.

The City of Portland has made significant investments in open reservoir upgrades, completing upgrade work and closing out a \$23 million contract in 2011. One of the tasks assigned to a consulting firm studying the open reservoirs over a 9-year period was to outline projects necessary to keep the open reservoirs safely operating. Many of these projects have been completed over the last 10 years under four contracts totaling \$40 million. These contracts were financed by 25-year revenue bonds. Approval of the new timeline supports Portland's interest in good governance and in protecting this significant investment.

The PWB has robust risk mitigation measures in place to protect public health during the extension period. As stated in earlier correspondence, the PWB believes that the current observable risk to public health is low. Additionally, allowing the schedule adjustment will provide opportunity for the PWB to address deferred maintenance projects that will provide greater public health protections. For example a strategic objective of the PWB is to improve distribution system water quality by increasing unidirectional system flushing. Given the resources assigned to LT2, the PWB's ability to increase the number of miles of piping that are flushed each year has been limited.

Finally, since the original compliance schedule was adopted in 2009, it is again worth noting and repeating that in 2012 OHA granted a first of its kind in the nation variance to the LT2 source

water treatment rule to Portland recognizing the outstanding nature of the Bull Run raw water source and the protections developed and put into place over the past several decades by the city to protect its source water. I suspect that our Cryptosporidium testing and monitoring is among the most extensive in the country.

Approval of a schedule adjustment will enable PWB to pay down some water bond debt, and reduce the financial impact on ratepayers during the current recession, when households are facing financial pressures on many fronts.

For the reasons described above, the City of Portland hereby requests revisions to our compliance schedule that defer completion of the Mt. Tabor and Washington Park LT2 reservoir compliance projects to December 31, 2024.

Sincerely,

A handwritten signature in black ink, appearing to read "Steve Novick", written in a cursive style.

Commissioner Steve Novick
City of Portland, Oregon

c. Mel Kohn, M.D., M.P.H.

Enclosures

EXECUTIVE SUMMARY

INTRODUCTION

The City of Portland, Bureau of Water Works (Bureau) owns and operates five finished water open reservoirs within its distribution system. Reservoir 1 at Mt. Tabor and Reservoirs 3 and 4 at Washington Park were constructed in 1894, and have been in continuous operation for over 100 years. Reservoirs 5 and 6 at Mt. Tabor were constructed in 1911, and have been in service for 90 years. The open reservoirs provide a combined storage capacity of 170 million gallons. The Bureau has expressed an interest in determining the state of the reservoirs including the level of repairs, maintenance and rehabilitation required to keep the reservoirs in service to the year 2050 if needed.

STUDY OBJECTIVES

The purpose of this report is to summarize evaluations of the existing conditions at the reservoirs, and provide preliminary recommendations for capital improvements. The information contained in this report will be used in the development of the Enhanced Maintenance Benchmark Program, a detailed maintenance program that could extend the useful life of the open reservoirs to the year 2050. A number of tasks were performed in order to evaluate the condition of the open reservoirs:

- Evaluation of the condition of the reservoirs and auxiliary elements;
- Structural evaluation of the gatehouses, and evaluation of the steel tanks;
- Identification of valves, gates and yard piping which require replacement;
- Miscellaneous items were also addressed, including video surveillance, lighting, chlorination, metering, and emergency power generation;
- Assessment of the historical and aesthetic significance of the open reservoirs.
- Preparation of preliminary site plans showing above and below-ground facilities;

Montgomery Watson Harza (MWH) in conjunction with Construction Technology Laboratories, Inc. (CTL) performed the visual surveys of all five reservoirs in 1996. Physical testing of the concrete floor, the subgrade and the underdrain for Reservoir 5 was carried out in conjunction with a liner installation project in 1998. The condition of the gatehouses including valves and pipes was conducted by MWH and Advanced Engineering, P.C. based on site inspections. The corrosion investigation of the tanks located in the gatehouses was completed by Corpro Companies Incorporated in 1998. The historic analysis was completed by Shapiro & Associates, Inc. in late 1996 and 1997. This information was initially summarized in a draft technical memorandum (TM) dated October, 1997. The TM was updated with the aid of Bureau review comments to draft TM 5.7 and with input from Bureau Operating Engineers in December 1998, January 1999 and June 2001. Additional site visits were made in June 2001 to update repairs or equipment replacement since the initial draft TM 5.7. Cornforth Consultants completed a preliminary geotechnical and seismic evaluation of the Washington Park Reservoirs in July 1997. Further investigation needed to provide recommendations is described in that TM and therefore is not provided in this memorandum.

CONCLUSIONS AND RECOMMENDATIONS

A number of recommendations were developed from the evaluation of the reservoirs. Based on their age of approximately 100 years, it is expected that repairs or replacement of the reservoirs and their components are necessary to continue operation. Considering their age, the reservoirs and facilities are generally in good condition. However, in order to extend the life of these facilities, replacement and repair is needed.

- The concrete lining in Reservoir 1 leaks excessively and a membrane liner is recommended. This installation would be similar to that installed in Reservoir 5 in 1998.
- The Hypalon liner in Reservoir 3 has reached the end of its useful life. Installation of a membrane liner should be considered.
- Repair of the asphalt liner in the north cell at Reservoir 6 is needed. Repair of the liner would decrease leakage and delay the installation of a new membrane liner.
- In general, the sidewalks, concrete walls and parapet caps at all the reservoirs are cracked and need repair. Due to the irrigation leakage at Reservoir 1 and the continuing landslide at Reservoir 3 and 4, it is recommended that these issues be resolved before proceeding with the replacement or repair of the sidewalks.
- Further investigation of the crack in the Reservoir 3 dam wall is recommended to determine its extent. Based on this investigation, a more definitive recommendation can be made for the repair of the leak.
- Washdown piping at all reservoirs leaks, with the exception of Reservoir 5, should be replaced. New 4-in. diameter washdown piping with valve boxes should be installed. This work can be completed in conjunction with liner replacements or other major work at the reservoirs.
- The wrought iron fences at Reservoirs 1, 6, 3 and 4 should be removed, recoated and reinstalled due to peeling paint and rusting. This could be accomplished at Reservoir 1 at the same time of the liner installation and at Reservoir 6 at the time, the access road is completed. The restoration at Reservoirs 3 and 4 is not a priority since they are not highly visible to the public.
- Most of the pipes are 100 years old or more and show extensive deterioration. At a minimum, gates and valves should be refurbished or replaced. Replacement should occur on an as needed basis.
- New hypochlorite piping at Reservoir 5 is needed to avoid potential leaks in Reservoir 6 and the hillside. The Bureau plans to reroute the new lined piping around the south side of Reservoir 6, thus collecting any leaks into a vault.
- The existing lights at the reservoirs are "modern" in appearance and do not match the historical appearance of the reservoir structures and fences.
- The security cameras at the reservoirs should be updated by replacing the cameras with higher quality units, which would provide clearer images at night with the existing lighting.
- Yard piping at Reservoir 3 should be replaced. The 18-in. diameter line from the dam wall and the 30-in. diameter supply line from the gatehouse are scheduled for replacement in the summer of 2002.
- Elimination of cross-connections is necessary to reduce the potential for water quality issues. The restroom at Washington Park should be tied directly into an existing sanitary

line. A dedicated line would prevent any cross connection between the waste lines and storm systems.

- Adequate setbacks with security fencing of Mt. Tabor reservoirs are needed to continue to deliver a safe and dependable water supply to the City.
- Install the necessary valves and piping to isolate and operate each reservoir off -line for extended periods of time.

Table C-1
Open Reservoir Facilities at Mt. Tabor and Washington Park
Schedule of Proposed Capital Facility Projects by Year

Year	Location	Recommended Improvement	Ranking Score	Estimated Cost
2002/2003	Reservoir No. 1	New CCTV security system	13.5	\$20,000
	Reservoir No. 3	New CCTV security system	13.5	\$20,000
	Reservoir No. 4	New CCTV security system	13.5	\$20,000
	Reservoir No. 5	New CCTV security system	13.5	\$20,000
	Reservoir No. 6	New CCTV security system	13.5	\$30,000
	Reservoir No. 1	Construct security fence as a setback with recreational walkway	13	\$190,000
	Reservoir No. 5	Construct security fence as a setback with recreational walkway	13	\$722,000
	Reservoir No. 6	Construct security fence as a setback with recreational walkway	13	\$652,000
	Reservoir No. 5	Install new valves for better isolation of reservoir	10.5	\$400,000
	Washington Park Yard Piping and Site Facilities	Remove cross connection at Pump House No. 1	7.5	\$150,000
	2002/2003 Subtotal:			
Year 1	Reservoir No. 3	Repair bulge on west side, verify structural integrity w/ GPR and corings, repair crack in the base of the south wall and make other concrete repairs, replace membrane liner	25.5	\$675,000
	Reservoir No. 3	Repair parapet wall	4	\$15,000
	Reservoir No. 3	Sidewalk repair	3	\$27,000
Year 1 Subtotal:				\$717,000
Year 2	Reservoir No. 1	Repair localized areas of damaged concrete, investigate structural integrity of reservoir, repair south wall w/ shotcrete, install membrane liner	22.25	\$641,000
	Reservoir No. 1	Rehabilitate steel tank	10.5	\$27,000
	Reservoir No. 1	Repair parapet wall	4	\$20,000
	Reservoir No. 1	Restore historical wrought iron fencing	4	\$147,000
	Reservoir No. 1	Repair sidewalks	3	\$8,000
Year 2 Subtotal:				\$943,000
Year 3	Reservoir No. 4	Repair concrete cracking in reservoir and panel joints	22.25	\$27,000
	Reservoir No. 4	Repair parapet wall	4	\$27,000
	Reservoir No. 4	Repair sidewalks	3	\$31,000
	Mt. Tabor Yard Piping	Modifications to chlorination system yard piping	16.5	\$120,000
Year 3 Subtotal:				\$205,000

Open Reservoir Study
 Enhanced Reservoir Study
 Open Reservoir Study
 Enhanced Benchmark Maintenance Program

Year	Location	Recommended Improvement	Ranking Score	Estimated Cost
Year 4	Reservoir No. 1	Structural rehabilitation of gatehouse	18	\$50,000
	Reservoir No. 3	Structural rehabilitation of the gatehouse	18	\$50,000
	Reservoir No. 4	Structural rehabilitation of gatehouse	18	\$50,000
	Reservoir No. 5	Structural rehabilitation of gatehouse	18	\$50,000
	Reservoir No. 6	Structural rehabilitation of inlet gatehouse	18	\$50,000
	Reservoir No. 6	Structural rehabilitation of outlet gatehouse	18	\$50,000
	Washington Park Yard Piping and Site Facilities	Structural testing and rehabilitation of Pump House No. 1	18	\$50,000
			Year 4 Subtotal:	\$350,000
Year 5	Washington Park Yard Piping and Site Facilities	Replace 150-feet of 30-inch piping	10.5	\$64,000
	Washington Park Yard Piping and Site Facilities	Replace 300-feet of 18-inch pipe with 24-inch pipe	10.5	\$79,000
	Washington Park Yard Piping and Site Facilities	Replace 100-feet of 6-inch pipe	10.5	\$18,000
	Washington Park Yard Piping and Site Facilities	Install one 6-inch gate valve and three 30-inch gate valves	10.5	\$260,000
			Year 6 Subtotal:	\$421,000
Year 6	Mt Tabor Yard Piping	Replace 30-inch butterfly valve #181	10.5	\$37,000
	Mt Tabor Yard Piping	Replace 12-inch valve #184	10.5	\$22,000
	Reservoir No. 1	Replace 24-inch gate valve 3103	10	\$45,000
	Reservoir No. 3	Replace 18" gate valves 303/304	9	\$56,000
	Reservoir No. 4	Replace 24" gate valve 405	9	\$45,000
			Year 5 Subtotal:	\$205,000
Year 7	Reservoir No. 6	Repair concrete and replace sealant in the barrier wall	10.5	\$66,000
	Reservoir No. 6	Repair asphalt overlay	6	\$27,000
	Reservoir No. 6	Concrete panel repair	6	\$36,000
	Reservoir No. 6	Repair parapet wall	4	\$8,000
	Reservoir No. 6	Restore historical wrought iron fencing	4	\$474,000
			Year 7 Subtotal:	\$611,000
Year 8	Mt Tabor Yard Piping	Replace 48-inch and 36-inch pipeline discharging from Reservoir No. 5	9	\$1,100,000
			Year 8 Subtotal:	\$1,100,000

Year	Location	Recommended Improvement	Ranking Score	Estimated Cost
Year 9	Reservoir No. 3	Mechanical modifications to eliminate steel tank in the Gatehouse	9	\$320,000
	Washington Park Yard Piping and Site Facilities	Install 32-inch gate valve on supply line to Reservoir No. 3	9	\$76,000
	Washington Park Yard Piping and Site Facilities	Install automatic transfer switch for Pump House No. 1 generator	9	\$75,000
			Year 9 Subtotal:	\$471,000
Year 10	Reservoir No. 5	Replace 54" sluice gates 504/506 and 42" sluice gate 3505	9	\$182,000
	Mt Tabor Yard Piping	Replace two 30-inch gate valves and one 30-inch butterfly valve close the Mt. Tabor Pump Station	8.5	\$135,000
			Year 10 Subtotal:	\$317,000
Year 11	Mt Tabor Yard Piping	Replace 30-inch pipeline south of Reservoir No. 6	8.5	\$650,000
			Year 11 Subtotal:	\$650,000
Year 12	Reservoir No. 6	Sidewalk replacement	8.5	\$635,000
			Year 12 Subtotal:	\$635,000
Year 13	Reservoir No. 1	Install new 4" washdown header pipe w/ valves and hose connections	8	\$61,000
	Reservoir No. 3	Install new washdown header pipe and valves	8	\$87,000
	Reservoir No. 4	Install new 4" washdown header pipe and valves	8	\$103,000
			Year 13 Subtotal:	\$251,000
Year 14	Mt Tabor Yard Piping	Replace sluice gates #1510 and #1511, 42-inch x 66-inch	7.5	\$99,000
	Reservoir No. 6	Replace 30" butterfly valves 602/603 at Inlet Gatehouse	7.5	\$80,000
	Reservoir No. 6	Replace 54" sluice gate 604	7.5	\$70,000
			Year 14 Subtotal:	\$249,000
Year 15	Reservoir No. 1	Install bird wire	5.5	\$29,000
	Reservoir No. 3	Install bird wire	5.5	\$33,000
	Reservoir No. 4	Install bird wire	5.5	\$41,000
	Reservoir No. 5	Install bird wire	5.5	\$100,000
	Reservoir No. 6	Install bird wire	5.5	\$211,000
			Year 15 Subtotal:	\$414,000

Year	Location	Recommended Improvement	Ranking Score	Estimated Cost
Year 16	Washington Park Yard Piping and Site Facilities	Install 600-feet of 8-inch sanitary sewer pipe from Pump Station No. 1 to sanitary collection system	5.5	\$42,000
	Reservoir No. 6	Replace 30" gate valves 650/651/654/655 at Outlet Gatehouse	4.5	\$268,000
	Reservoir No. 6	Reconstruct restroom at Outlet Gatehouse including sanitary sewer pipeline	3	\$17,000
	Reservoir No. 6	Intake screen for hydropower facility	3	\$10,000
			Year 16 Subtotal:	\$337,000
Year 17	Reservoir No. 1	Rehabilitate steel balcony at the gatehouse and steel balcony west of the gatehouse	2	\$29,000
	Reservoir No. 4	Rehabilitate steel balcony at the gatehouse	2	\$12,000
	Reservoir No. 6	Rehabilitate steel balconies at Inlet and Outlet Gatehouses	2	\$24,000
	Reservoir No. 4	Mechanical modifications to eliminate steel tank in the Gatehouse	1.5	\$180,000
			Year 17 Subtotal:	\$245,000
Year 18	Reservoir No. 1	Replace existing light fixtures w/ historically accurate fixtures (23 lamps)	1	\$359,000
	Reservoir No. 1	Replace sidewalk	1.5	\$72,000
			Year 18 Subtotal:	\$431,000
Year 19	Reservoir No. 5	Replace existing light fixtures w/ historically accurate light fixtures	1	\$687,000
	Reservoir No. 5	Repair sidewalks	3	\$8,000
			Year 19 Subtotal:	\$695,000
Year 20	Reservoir No. 6	Replace existing light fixtures w/ historically accurate light fixtures	1	\$890,000
			Year 20 Subtotal:	\$890,000

Total of All Recommended Improvements: \$12,261,000

Valve Replacement: \$2,296,000

Total: \$14,557,000

Year	Location	Recommended Improvement	Ranking Score	Estimated Cost
Year 9	Reservoir No. 3	Mechanical modifications to eliminate steel tank in the Gatehouse	9	\$320,000
	Washington Park Yard Piping and Site Facilities	Install 32-inch gate valve on supply line to Reservoir No. 3	9	\$76,000
	Washington Park Yard Piping and Site Facilities	Install automatic transfer switch for Pump House No. 1 generator	9	\$75,000
			Year 9 Subtotal:	\$471,000
Year 10	Reservoir No. 5	Replace 54" sluice gates 504/506 and 42" sluice gate 3505	9	\$182,000
	Mt Tabor Yard Piping	Replace two 30-inch gate valves and one 30-inch butterfly valve close the Mt. Tabor Pump Station	8.5	\$135,000
			Year 10 Subtotal:	\$317,000
Year 11	Mt Tabor Yard Piping	Replace 30-inch pipeline south of Reservoir No. 6	8.5	\$650,000
			Year 11 Subtotal:	\$650,000
Year 12	Reservoir No. 6	Sidewalk replacement	8.5	\$635,000
			Year 12 Subtotal:	\$635,000
Year 13	Reservoir No. 1	Install new 4" washdown header pipe w/ valves and hose connections	8	\$61,000
	Reservoir No. 3	Install new washdown header pipe and valves	8	\$87,000
	Reservoir No. 4	Install new 4" washdown header pipe and valves	8	\$103,000
			Year 13 Subtotal:	\$251,000
Year 14	Mt Tabor Yard Piping	Replace sluice gates #1510 and #1511, 42-inch x 66-inch	7.5	\$99,000
	Reservoir No. 6	Replace 30" butterfly valves 602/603 at Inlet Gatehouse	7.5	\$80,000
	Reservoir No. 6	Replace 54" sluice gate 604	7.5	\$70,000
			Year 14 Subtotal:	\$249,000
Year 15	Reservoir No. 1	Install bird wire	5.5	\$29,000
	Reservoir No. 3	Install bird wire	5.5	\$33,000
	Reservoir No. 4	Install bird wire	5.5	\$41,000
	Reservoir No. 5	Install bird wire	5.5	\$100,000
	Reservoir No. 6	Install bird wire	5.5	\$211,000
			Year 15 Subtotal:	\$414,000

**City of Portland Water Bureau
Open Reservoir Study**

**TM 5.7
FACILITIES EVALUATION**

NOVEMBER 2001



SUMMARY OF EVALUATION

A matrix of the evaluations and recommendations for all five reservoirs is located in Table ES-1.

STRUCTURAL

MT. TABOR RESERVOIRS

The condition of the concrete panels and joints in Reservoir 1 warrant the installation of a membrane liner to mitigate excessive leakage. The Bureau plans to install a membrane liner by the summer of 2003. Additionally, the south wall needs to be rehabilitated with a shotcrete coating.

A Hypalon geomembrane liner was installed in Reservoir 5 in 1998. The liner is effective in mitigating reservoir leakage. The results of a GPR survey, drilled holes, slab removal, and camera inspection of the underdrain showed that the subgrade below Reservoir 5 did not contain substantial voids; the panels were of reasonably-sound quality; and a functional underdrain.

For Reservoir 6, the interior dividing wall leaks and requires repair. The asphalt overlay in the north cell is reported to require repair. Installation of a membrane liner is not warranted at Reservoir 6 at this time.

In general, the structure of the gatehouses are in good condition considering their age. There is some minor concrete restoration and crack repair required at most of the gatehouses. In addition to concrete restoration and crack repair, the gatehouses require other miscellaneous repairs. Finally, at the inlet and outlet gatehouse of Reservoir 6, there is a steel access platform adjacent to the operators for sluice gates at each structure which are badly corroded and should be replaced.

WASHINGTON PARK RESERVOIRS

The liner has reached the end of its useful life. Bureau plans to reline Reservoir 3 by the summer of 2003. At the time of liner installation, the crack in the south dam wall and the bulge on the west side of the reservoir should be repaired.

Installation of a geomembrane liner is not warranted at Reservoir 4 at this time. The concrete panels on the interior of the reservoir do not appear to be in need of major upgrading, but panel joints are in need of repair.

In general, the structure of the gatehouses and Pump Station No. 1 are in good condition considering their age. There is some minor concrete restoration and crack repair required at most of the gatehouses. In addition to concrete restoration and crack repair, the gatehouses require other miscellaneous repairs.

OPERATIONAL/MECHANICAL

The steel tanks used to maintain head pressure within each gatehouse were observed for corrosion/pitting and tank wall thickness was measured using an ultrasonic probe. All of the tanks appear to have useful service life remaining. The tank at Reservoir 4 was recently

painted in the 1990s and the tank at Reservoir 5 was recoated in 1998 at the time of the Hypalon liner installation. Painting the tanks will extend their life 20 years. Pitting-type corrosion of the tanks' exterior shell plate is apparent, and may require some external repair via patching or weld metal build-up. It should be noted that observation of internal corrosion was not possible during this evaluation. It is recommended that the exteriors of the tanks at Reservoirs 1 and 3 be recoated, and that tank interiors be inspected and recoated if required. An alternative to repair of the tanks at Washington Park reservoirs is to eliminate the steel regulating tanks and replumb the inlet and outlet piping. With the installation of an isolation valve, the Mayfair tank could be used as a regulating tank.

Also evaluated were valves and sluice gates, within gatehouses and in the yard. Twenty-one valves and eight sluice gates are identified herein as requiring replacement or refurbishment. Due to the extreme age of approximately 100 years for most of the valves/gates, it is recommended that nearly all these valves be replaced and that all gates be refurbished over the next 20 years as needed.

Because most pipes are located underground, it was not possible to conduct a complete evaluation. Much yard piping is in need of replacement due to its age and method of fabrication. The oldest yard piping was constructed of riveted steel. Lock Bar pipe is also present. This fabrication method was introduced in 1905 and, like the riveted method, was phased out in the 1930's as welding became the predominant fabrication technique. Generally, riveted and Lock Bar steel pipes leak more than welded steel piping, due to their age and due to fabrication techniques.

SECONDARY

Fences, parapet walls, and sidewalks should be refurbished at all reservoirs, with the exception of Reservoir 5. This work was completed in 1998 at the time of the Hypalon geomembrane liner installation. The sidewalks on the west side of Reservoirs 3 and 4 are buckling badly due to the landslide above. This will continue to worsen as the slide continues to move. The fence on this side also shows evidence of buckling due to the slide. At Reservoirs 1 and 3, this work should be done in conjunction with liner installation. Recommended repairs to site drain systems, and a discussion of cross connections, is contained within this report. A new restroom is recommended at Reservoir 6 for Bureau personnel.

MISCELLANEOUS

This memorandum also discusses the issues of video surveillance, site lighting, chlorination, metering, and emergency power generation. The Bureau replaced the older tube-based surveillance cameras with chip-based cameras in order to optimize video surveillance of the reservoirs and camera reliability. However, higher quality units are needed for better night vision. The Bureau also is considering replacement of site lighting in order to improve lighting and to provide an appearance that is consistent with the architectural theme of the reservoirs. The Bureau is considering replacement of chlorine yard piping, and is currently evaluating options for pipe material, and for size and type of trench or pipe corridor. Meters are located at all inlet weirs. Reservoirs 5 and 6 also have underdrain meters. All meters are in good working condition.

SECTION 6 – CONCLUSIONS

As part of the Open Reservoir Study, an assessment of the structural conditions and operation and maintenance of the open reservoirs and their ancillary facilities was performed. The objective of this work was to develop recommendations for capital and O&M improvements that will extend the useful life of the open reservoirs. This Benchmark Maintenance Program stemmed from the Open Reservoir Study; the purpose of this document is to make recommendations to maintain the existing reservoirs in operation and to propose a schedule of implementing the proposed improvements.

All five of the open reservoirs owned and operated by the Portland Water Bureau are extremely aged and are suffering from deterioration as a result. Problems include water loss, vulnerability to water quality problems, excessive operation and maintenance requirements and loss of value of the facilities. These problems need to be addressed in order to safely and reliably continue operating the open reservoirs. Water loss experienced as a result of leaking reservoirs is inconsistent with conservation policy. Leaking valves and pipes make it difficult to adequately isolate portions of the system in the event of an emergency. It is difficult to quickly isolate reservoirs in the event of an emergency. Structural deterioration of the Gatehouses, regulating tanks, pipes and valves pose a safety threat for Bureau employees. The aged facilities cause operators to spend more time maintaining open reservoir facilities. Continuing to operate the open reservoir facilities without capital improvements places these facilities at risk.

Recommendations made in this documents range from small projects that can be done in-house without major design efforts to full-scale projects requiring design effort as well as preparation of contract documents and a bidding process. Some of the projects should be carried out concurrently with other projects in order to minimize overall costs. Some of the projects are solely for aesthetics purposes and are ranked as low priority projects. All projects are shown as being implemented within a 20 year period, with the addition of several projects recommended to be completed immediately.

It is difficult to predict when all of the facilities will require repair or replacement. For example, in order to continue using the open reservoirs until the year 2050, many of the existing valves and much of the original piping will need to be replaced. For valves, it is recommended that funds be set aside annually and that valves are replaced on a "as needed" basis until all of the valves have been replaced.

Major repair recommendations resulting from the facility evaluations include:

- New security cameras
- Implementation of set-backs for the reservoirs at Mt. Tabor Park.
- Installation of membrane liners for Reservoirs No. 1 and 3.
- Repair work for Reservoirs No. 6 and 4.

Moore-Love, Karla

From: floy jones <floy21@msn.com>
Sent: Wednesday, April 22, 2015 6:55 PM
To: Council Clerk – Testimony
Subject: OHA online PWB data-Washington Park Demolition Land Use April 23, 15

.To Portland City Council
Re: Oregon Health Authority online data for the PWB
Example of covered tank contamination, Nevada tank
Washington Park Reservoir Demolition Land Use Review, April 23, 2015

OHA's PWB online coliform data, <https://yourwater.oregon.gov/dcoliform.php?pwsno=00657>

Covered Nevada tank coliform detects referenced in comments for the Washington Park Demolition Review LU cas

https://yourwater.oregon.gov/alerts.php?pwsno=00657						
COLI12195	09/27/2013	DIST-A 6495 sw burlingame p	COLI	COLIFORM, TOTAL (TCR)	MO	
COLI12195	09/27/2013	DIST-A 7011 sw 11th dr	COLI	COLIFORM, TOTAL (TCR)	MO	
COLI12195	09/27/2013	DIST-A 6120sw westwood dr	COLI	COLIFORM, TOTAL (TCR)	MO	
COLI12195	09/27/2013	DIST-A 1930 sw sunset blvd	COLI	COLIFORM, TOTAL (TCR)	MO	
COLI12195	09/27/2013	DIST-A 2312 sw canby ct right side	COLI	COLIFORM, TOTAL (TCR)	MO	
COLI12195	09/27/2013	DIST-A 2320 sw canby ct front door	COLI	COLIFORM, TOTAL (TCR)	MO	
COLI12191	09/26/2013	DIST-A sw 27th & Nevada ct	COLI	COLIFORM, TOTAL (TCR)	MO	
COLI12191	09/26/2013	DIST-A se 50th ave & se rhone	COLI	COLIFORM, TOTAL (TCR)	MO	
COLI12168	09/25/2013	DIST-A 2630 sw nevada ct resample	COLI	COLIFORM, TOTAL (TCR)	MO	
COLI12168	09/25/2013	DIST-A 2557 sw nevada ct dnstrm	COLI	COLIFORM, TOTAL (TCR)	MO	
COLI12168	09/25/2013	DIST-A 2540 sw nevada ct resample	COLI	COLIFORM, TOTAL (TCR)	MO	
COLI12168	09/25/2013	DIST-A 2620 sw nevada ct upstrm	COLI	COLIFORM, TOTAL (TCR)	MO	
COLI12168	09/25/2013	DIST-A 7253 sw 26th ave dnstrm	COLI	COLIFORM, TOTAL (TCR)	MO	
COLI12168	09/25/2013	DIST-A 2635 sw nevada ct resample	COLI	COLIFORM, TOTAL (TCR)	MO	
COLI12168	09/25/2013	DIST-A 2545 sw nevada ct dnstrm	COLI	COLIFORM, TOTAL (TCR)	MO	
COLI12168	09/25/2013	DIST-A 2806 sw nevada ct upstrm	COLI	COLIFORM, TOTAL (TCR)	MO	
COLI12168	09/25/2013	DIST-A 2625 sw nevada ct resample	COLI	COLIFORM, TOTAL (TCR)	MO	
COLI12168	09/25/2013	DIST-A 2530 sw nevada ct dnstrm	COLI	COLIFORM, TOTAL (TCR)	MO	
COLI12168	09/25/2013	DIST-A sw 27th 7 nevada ct wqss0200	COLI	COLIFORM, TOTAL (TCR)	MO	
COLI12168	09/25/2013	DIST-A 2930 sw nevada ct resample	COLI	COLIFORM, TOTAL (TCR)	MO	
COLI12168	09/25/2013	DIST-A 2912 sw nevada ct dnstrm	COLI	COLIFORM, TOTAL (TCR)	MO	
COLI12151	09/23/2013	DIST-A 2635 sw nevada ct	COLI	COLIFORM, TOTAL (TCR)	MO	
COLI12151	09/23/2013	DIST-A 2630 sw nevada ct	COLI	COLIFORM, TOTAL (TCR)	MO	
COLI12151	09/23/2013	DIST-A 2819 sw nevada	COLI	COLIFORM, TOTAL (TCR)	MO	
COLI12151	09/23/2013	DIST-A 2721 sw nevada ct	COLI	COLIFORM, TOTAL (TCR)	MO	
COLI12151	09/23/2013	DIST-A 2635 sw nevada ct	COLI	COLIFORM, TOTAL (TCR)	MO	

COLI12151	09/23/2013	DIST-A 7122 sw 28th ave	COLI	COLIFORM, TOTAL (TCR)	MO
COLI12151	09/23/2013	DIST-A sw 27th & nevada	COLI	COLIFORM, TOTAL (TCR)	MO
COLI12151	09/23/2013	DIST-A 2733 sw nevada ct	COLI	COLIFORM, TOTAL (TCR)	MO
COLI12151	09/23/2013	DIST-A 7224 sw 27th	COLI	COLIFORM, TOTAL (TCR)	MO
COLI12157	09/23/2013	DIST-A 2630 sw nevada ct resample	COLI	COLIFORM, TOTAL (TCR)	MO
COLI12157	09/23/2013	DIST-A 2540 sw nevada ct dnstrm	COLI	COLIFORM, TOTAL (TCR)	MO
COLI12157	09/23/2013	DIST-A 2635 sw nevada ct resample	COLI	COLIFORM, TOTAL (TCR)	MO
COLI12157	09/23/2013	DIST-A 2625 sw nevada ct dnstrm	COLI	COLIFORM, TOTAL (TCR)	MO
COLI12157	09/23/2013	DIST-A 2733 sw nevada ct upstrm	COLI	COLIFORM, TOTAL (TCR)	MO
COLI12157	09/23/2013	DIST-A 2930 sw nevada ct upstrm	COLI	COLIFORM, TOTAL (TCR)	MO
COLI12144	09/20/2013	DIST-A 2721 sw nevada ct	COLI	COLIFORM, TOTAL (TCR)	MO
COLI12144	09/20/2013	DIST-A sw 27th & nevada	COLI	COLIFORM, TOTAL (TCR)	MO
COLI12126	09/19/2013	DIST-A 2721 nevada ct	COLI	COLIFORM, TOTAL (TCR)	MO
COLI12126	09/19/2013	DIST-A sw 27th & nevada ct	COLI	COLIFORM, TOTAL (TCR)	MO

Moore-Love, Karla

From: floy jones <floy21@msn.com>
Sent: Wednesday, April 22, 2015 6:49 PM
To: Council Clerk – Testimony
Subject: Washington Park Demolition LU Review- April 23
Attachments: Washington Park deeds and map.pdf; Dan Coombs letter on Park title0001[4].pdf

To: Portland City Council

Re: Washington Park Reservoir Demolition LU Review- April 23, 2015

From: Floy Jones

Attached for the Washington Park Demolition Review record are 3 documents that document that the PWB and BDS have violated LU requirements. The Water Bureau has sought to expedite the process by circumventing ownership requirements in order to limit community awareness and involvement

1) Washington Park Deed and Map- BDS/Water Bureau

2) Dan Coombs 2002 memo on Water Bureau land ownership

MWH July 2002 Permitting Strategy report sent to PWB's Dennis Kessler, referenced in other LU comments,
http://www.friendsofreservoirs.org/resources/Final_Permitting_Strategy.pdf

Floy Jones
2204 SE 59th Ave.
Portland Oregon

Parks

January 20, 1964

Bureau of Parks

Department of Finance

Commissioner Ormond R. Bean

Water Bureau and Park Bureau property ownerships in Washington Park

Dear Commissioner Bean:

Transmitted herewith is a plan indicating Water Bureau and Park Bureau property ownerships in Washington Park.

Water Bureau Reservoir No. 3 and a portion of Reservoir No. 4 are on Park Bureau property.

The Rose Garden, Japanese Garden, Railroad Depot, parking area, picnic area, tennis courts, and some other heavily used facilities maintained by the Park Bureau are on Water Bureau property.

It is suggested that it might be to the mutual advantage of both bureaus if an exchange could be effected which would transfer the land to the jurisdictions actually operating the respective facilities.

The area shown in crosshatched red is suggested Water Bureau to be transferred to the Park Bureau, and area in crosshatched green is Park Bureau to be transferred to the Water Bureau.

If such a transfer could be made, the Park Bureau would agree, if necessary, to submit for approval of the Water Bureau any plans for work which would alter the contour or drainage in the area.

Very truly yours,

Superintendent of Parks

HBE:mg

Washington Park Properties
(Park Bureau Assigned)

Deed No	Acquired From	Date	Cost
1 360	Amos N. King	2-20-1891	33,624.00
2 535	Multnomah County	10-11-1948	4,235.58
3 2683	Jeanette N. Swasey & Harold B. Swasey	10-8-1929	1,830.00
4 3333	Anna M. Riddell, et vir	6-23-1937	4,000.00
5 3334	Sigae Elder & Ivor Elder	6-19-1937	5,080.76
6 3456	Frank McCauley & Lena McCauley	2-21-1940	1.00
7 3820	First National Bank of Portland	6-9-1941	37.00
8 4165	Multnomah County	7-22-1947	200.00
9 5423	"	1-4-1951	3,925.22
10 5324	P.C. Rinehart & V. Craig Rinehart	7-1951	1,301.54
11 5819	Isabelle Seamon	9-22-1952	2,028.73
12 6763	Assessment Collection Fund	2-24-1937	18,397.64
13 9001	"	11-19-1927	13,090.70
14 9004	"	5-21-1921	2,329.07
15 9008	"	9-22-1928	717.58
16 9011	"	5-29-1920	2,329.07
	TOTAL		\$ 98,129.86

BUNROUGHS CORPORATION
 TODD COMPANY DIV. - L
 Form H-559
 Kelly

Washington Park Properties
(Water Bureau Assigned)

23 135	Leander Lewis & wife	6-14-1901	1,000.00
24 274	James A. Munday	9-25-1893	450.00
25 280	L.F. Grover, et al	2-16-1892	21,000.00
26 284	The King Real Estate Association	10-12-1891	10,000.00
27 294	O.A. Ladd, et al	9-13-1894	7,184.31
28 301	L.F. Grover & wife & Rachel L. Hawthorne	3-30-1900	27,702.47
29 302	The King Real Estate Association	3-9-1900	32,955.75
30 303	W.S. Hawkins, Trustee, et al	5-13-1901	4,000.00
31 307	S.W. Aldrich & wife	1-12-1900	517.30
	TOTAL		\$ 104,816.03

XERO COPY XERO COPY XERO COPY XERO COPY

Jan 11-1964

March 25, 1964

MEMORANDUM

Washington Park

March 23, 1964

Number of acres in Washington Park (Park Bureau Property) which the Water Bureau is using.

Reservoir #3 site covers approximately	2 acres
Reservoir #4 site covers approximately	<u>1 1/2 acres</u>
Total	3 1/2 acres

Number of acres in Washington Park (Water Bureau Property) which the Park Bureau is using.

Park facilities (Tennis Court, Rose Test Garden, Japanese Garden, etc.)	64.22 acres
Less space used for reservoir #4.	<u>3.00 acres</u>
Total	61.22 acres

Approximately 61.22 acres of Water Bureau property used by the Park Bureau.

M E M O R A N D U M

ORDINANCE #917:

January 4, 1871

Purchase for Public Park purposes from Amos N. King 40 acres of land bounded on the N by Barnes Road, S by Canyon Road and A. N. Kings S boundary claim line, and E by lands owned by Mefsr Green.

ORDINANCE #977:

March 22, 1871

Payment for a piece of ground for a Public Park in the sum of \$32,624.00 bought of Amos N. King.

ORDINANCE #11177:

April 11, 1899

Authorizing the Committee on Health and Police to purchase and acquire lands and buildings to be used for a hospital for persons affected by contagious diseases and authorizing the said committee to furnish the same.

ORDINANCE #11535:

March 21, 1900

An Ordinance to institute proceedings to condemn for the use of the City certain land.

ORDINANCE #55856:

January 23, 1929

Authorizing the transfer of Lots 1 and 2, Block 11, Arlington Heights from the custody of the Delinquent Tax Committee of the City to the Bureau of Parks, authorizing payment therefor.

ORDINANCE #57285:

September 25, 1929

Authorizing the purchase of certain property needed for extending Washington Park, providing for payment therefor.

ORDINANCE #61842:

December 9, 1931

Repealing Ordinance No. 36671, entitled, "An Ordinance authorizing the purchase or condemnation of certain lands in Parkside for park and playground purposes, and declaring an emergency", passed by the Council January 22, 1920.

ORDINANCE #69692:

June 16, 1937

Providing for settling a case for damages by Anna M. Riddell against the City of Portland, No. 120704, and Signe Elde against the City of Portland, et al, No. 120705, acquiring certain property for park purposes.

980"

TAX LOT 1
11.00 AC.
D* 5223
9008

TAX LOT 10
2.00 AC.
D* 5819

1" = 200'

TAX LOT 2
43.02 AC.
D* 6763

D* 5223
9001

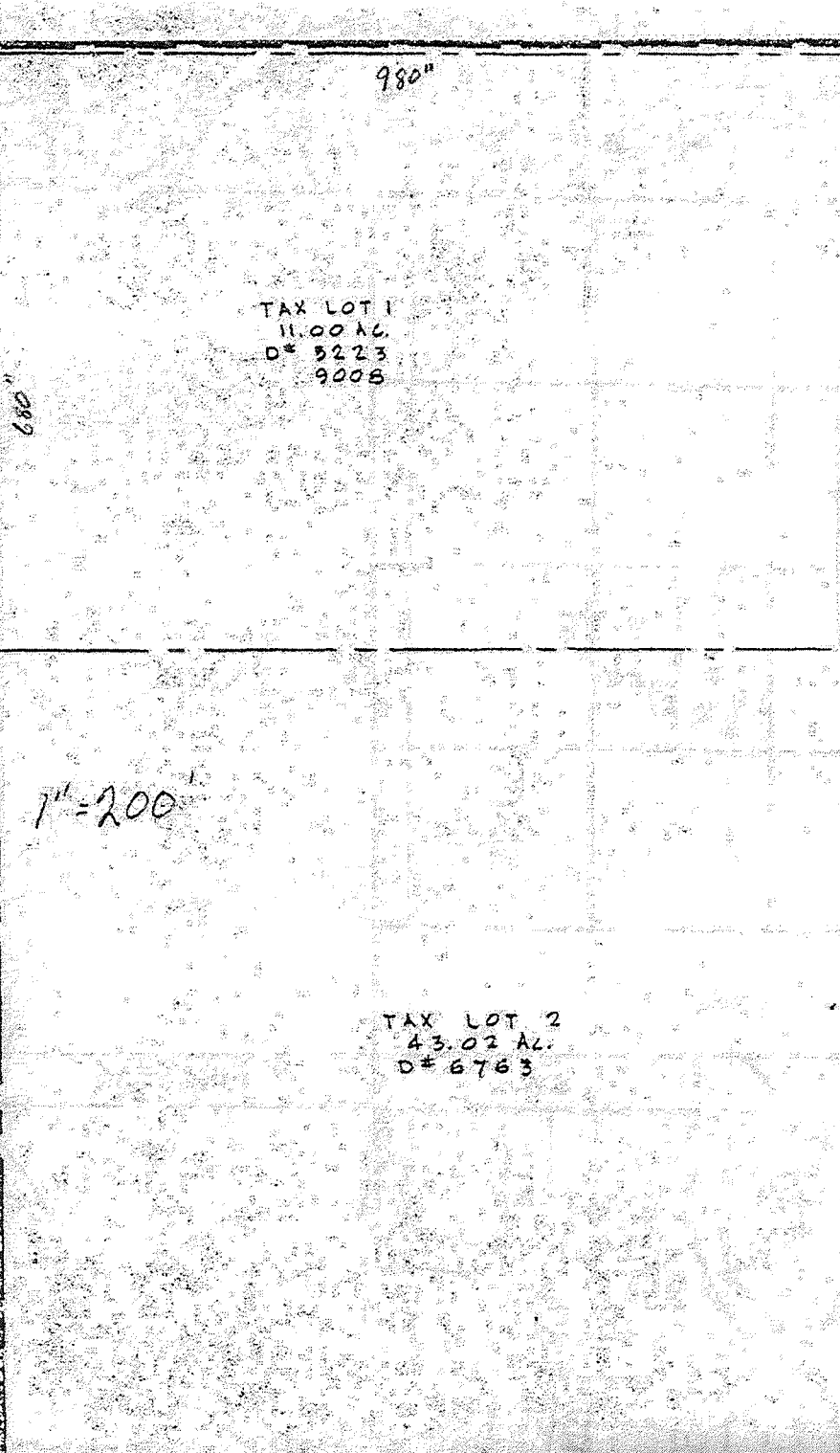
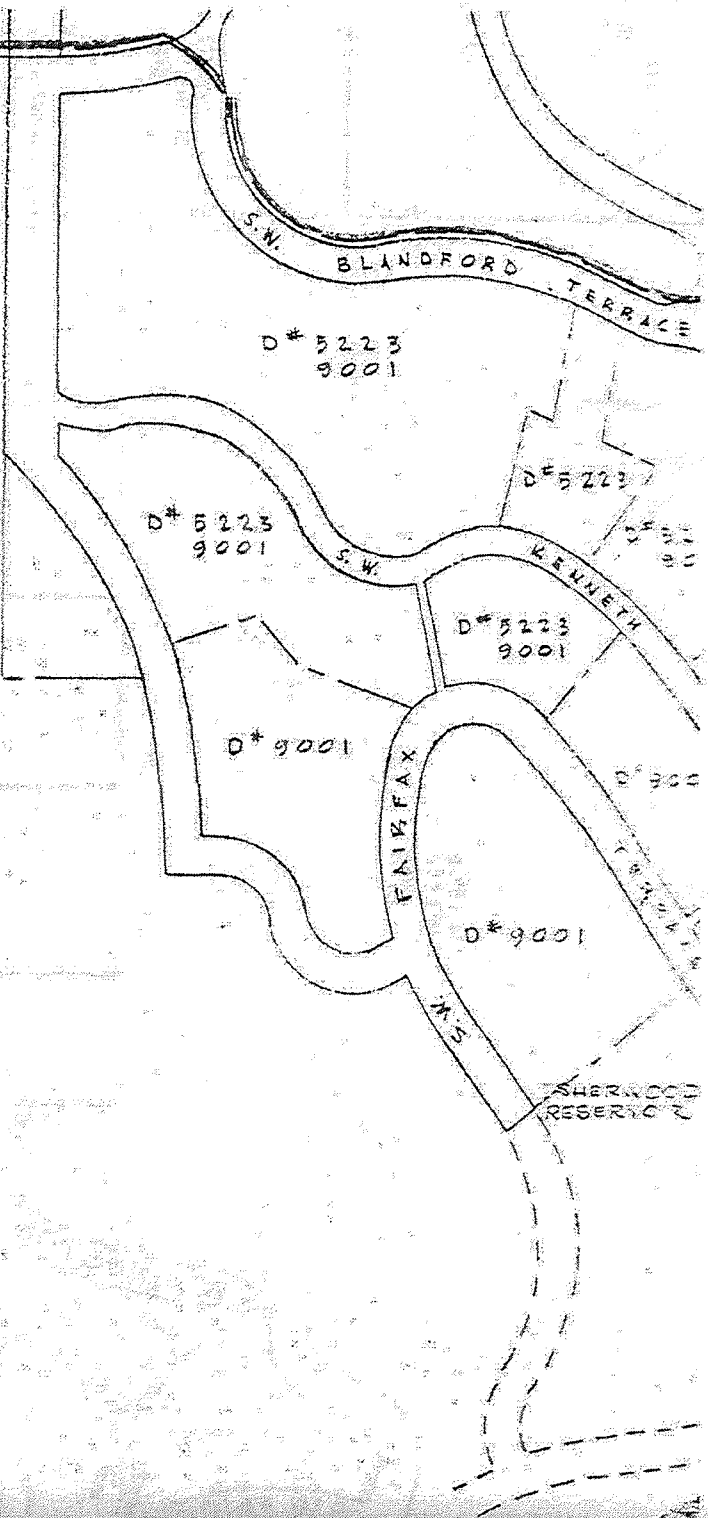
D* 5223
9001

D* 5223
9001

D* 9001

D* 9001

SHERWOOD
RESERVATION



JV #	DESCRIPTION	AREA (Acres)	VENDOR	DEED #	A/C #	AMOUNT
	ARDMORE ADD					
144	Blk 2 Lot 8-10	0.32	1st Nat Bank of Ptld	3820	03520-0310	39.00
	ARLINGTON HEIGHTS					
145	Blk 11 Lot 1	0.11	Sheriff Mult County	9004	03750-2670	2,329.07
146	Blk 11 Lot 2	0.12	Sheriff Mult County	9011	03750-2670	2,329.07
	PARKSIDE ADD					
147	Blk 2 Lot 3	0.29	P.C. Rinehart et vir	5324	64840-0380	1,301.51
148	Blk 5 Lot 6 TLL	0.02	Frank McCauley et ux	3456	64840-0930	1.00
149	Blk 5 Lot 7 E 35'	0.11	Anna Riddell et vir	3333	64840-0980	4,000.00
150	Blk 5 Lot 8-9	0.39	Signe Elde et vir	3334	64840-0980	5,080.76
151	Blk 5 Lot 10	0.20	Jeanette Swasey et vir	2683	64840-0980	1,830.00
	WEST END ADD					
152	Blk 13 Lot 1-30 Pt)	5.28	Multnomah County	5223	89280-1070	1,252.02
153	"13 Lot 1-21;25-32)		Sheriff Mult County	9001	89280-1070	2,084.44
154	Blk 14 Lot 1-16 Pt)	2.27	Multnomah County	5223	89280-1390	607.04
155	Blk 14 Lot 1-17 Pt)		Sheriff Mult County	9001	89280-1390	1,169.66
156	Blk 15 Lot 1-2;3-4;5-8 Pt)	1.03	Multnomah County	5223	89280-1560	379.40
157	" 15 Lot 1-2;5-8 Pt)		Sheriff Mult County	9001	89280-1560	381.69
158	Blk 16 Lot 1-8 Pt)	1.40	Multnomah County	5223	89280-1640	303.52
159	Blk 16 Lot 1-8 Pt)		Sheriff Mult County	9001	89280-1640	567.35
160	Blk 17 Lot 1-10	1.37	Sheriff Mult County	9001	89280-1720	1,389.15
161	Blk 18 Lot 1-3 Pt)	1.36	Multnomah County	5223	89280-1820	113.82
162	" 18 Lot 1-3;4-8)		Sheriff Mult County	9001	89280-1820	1,022.89
163	Blk 19 Lot 1-7;9-10)	2.51	Multnomah County	5223	89280-1900	341.41
164	Blk 19 Lot 1-17 Pt)		Multnomah County	9001	89280-1900	1,797.83
165	Blk 20 Lot 1-12 All	1.57	Sheriff Mult County	9001	89280-2070	1,654.02
166	Blk 21 Lot 3	1.85	Multnomah County	5223	89280-2190	75.87
167	Blk 21 Lot 1-2;4-14		Sheriff Mult County	9001	89280-2190	1,826.79
168	Blk 22 Lot 1-8	1.32	Sheriff Mult County	9001	89280-2330	1,196.88
169	TL4 Sec33 1N 1E Pt	0.40	Leander Lewis et ux	135	94133-0040	1,000.00
170	TL4 Sec33 1N 1E Pt)	1.22	James A. Munday	274	94133-0040	450.00
171	TL4 Sec33 1N 1E Pt)		C.A. Ladd et al	294	94133-0040	7,184.31
172	TL4 Sec33 1N 1E Pt	3.99	L. F. Grover, et al	280	94133-0040	21,000.00
173	TL4 Sec 33 1N1E Pt	2.38	King Real Estate Assn	284	94133-0040	10,000.00
174	TL4 Sec33 1N 1E Pt	34.18	L. F. Grover et al	301	94133-0040	27,708.47
175	TL4 Sec33 1N 1E Pt	20.87	King Real Estate Assn	302	94133-0040	32,955.75
176	TL4 Sec33 1N 1E Pt	0.90	W.J. Hawkins et al	303	94133-0040	4,000.00

JV #	DESCRIPTION	AREA (Acres)	VENDOR	DEED #	A/C #	AMOUNT
177	TL4 Sec33 1N1E Pt	0.23	S.W. Aldrich et ux	307	94133-0040	517.50
178	TL4 Sec33 1N1E Pt	40.78	Amos King et ux	360	94133-0040	32,624.00
179	TL17 Sec4 1S1E	12.34	Miltnomah County	4451	99104-0170	4,235.58
180	TL78 Sec4 1S1E	0.05	Miltnomah County	4165	99104-0780	200.00
181	TL1 Sec5 1S1E)	15.75	Miltnomah County	5223	99105-0010	852.14
182	TL1 Sec5 1S1E)		Sheriff Mult County	9008	99105-0010	717.58
183	TL2 Sec5 1S1E	43.02	City of Portland	6763	99105-0020	18,397.64
184	TL10 Sec5 1S1E	2.00	Isabella Seaman	5819	99105-0100	2,028.73
ARLINGTON HEIGHTS						
AND REPLAT						
2625	Blk 2 Lot 7-10	0.51	J. O. Stendal et ux	8545	03750-0390	1.00
2626	Blk 3 Lot 1-2	0.28	J.O. Stendal et ux	8545	03750-0470	1.00
2627	Blk 4 Lot 1-8	1.30	J.O. Stendal et ux	8545	03750-0510	1.00
TOTAL AREA -		201.72 Acres	TOTAL COST -		\$ 196,948.89	
1973 ASSESSED VALUE - \$ 1,813,320.00						

Know All Men by These Presents, That ANNA M. RIDDELL and
 ALEXANDER G. RIDDELL, her husband,
 of Multnomah County, State of Oregon,
 in consideration of Ten (\$10.00) Dollars,
 and other valuable considerations,
 to them paid by THE CITY OF PORTLAND, a Municipal Corporation

of the
 State of Oregon have bargained and sold and by these presents do grant, bargain, sell and
 convey unto said THE CITY OF PORTLAND, a Municipal Corporation,
 its successors, heirs and assigns, all the following bounded and
 described real property, situated in the County of Multnomah and State of Oregon:

The East Thirty-five (35) feet of Lot Seven (7)
 in Block Five (5) PARKSIDE, in the City of Portland,
 said County and State, according to the duly recorded
 map and plat thereof, for park purposes and upon the
 condition and understanding that said property shall not
 be used for the construction of any building thereon,

(Handwritten signature)

together with all and singular the
 tenements, hereditaments and appurtenances thereunto belonging or in anywise appertaining, and also
 all their estate, right, title and interest in and to the same, including dower and claim of dower.

TO HAVE AND TO HOLD, the above described and granted premises unto the said

THE CITY OF PORTLAND,

its successors, heirs and assigns forever. And Anna M. Riddell and
 Alexander G. Riddell, her husband,

grantors above named do covenant to and with

THE CITY OF PORTLAND,

the above named grantee, its successors, heirs and assigns that they are
 lawfully seized in fee simple of the above granted premises, that the above granted premises are free
 from all incumbrances,

and that they will and their heirs, executors and administrators,
 shall warrant and forever defend the above granted premises, and every part and parcel thereof,
 against the lawful claims and demands of all persons whomsoever.

Combs, Dan

From: Combs, Dan
Sent: Thursday, 03 October, 2002 16:57
To: Kessler, Dennis
Cc: Nelson, Brenda; Warren, Thom; Doane, Jim; Spetter, Ruth;
'Kathryn.L.Mallon@us.mwhglobal.com'
Subject: Water Bureau Ownership at Mt. Tabor

Dennis;

This is a bit long, but I've tried to categorize with immediate functional project items at the beginning, and more complex (esoteric) issues at the bottom.

1. WATER/PARKS LAND EXCHANGE SITES.

Yesterday (Oct. 2) I talked with Kathryn Mallon about the potential for land exchange arrangements between Water and Parks, in reaction to Water's future project activities displacing Parks' operations at their Mt. Tabor facility. I will be providing her with more data on individual Water-owned parcels by separate email. There are a few potential sites for at least short-term occupation by Parks, such as the former Hazelwood Water District property at 1017 NE 117th Ave. (please be clear this could NOT include the building, which is already fully utilized by Water, but only the open grassy area to the North), or possibly a portion of the presently vacant area of the Ground Water Pump Station site (16400 NE Airport Way). Other alternatives mentioned include part of the Interstate site, Lusted Hill (not the Plant site, but the potential future treatment/filtration site off Dodge Park Blvd., which Parks gave up their lease on and vacated a couple of years ago), Powell Butte (assuming compliance with the latest Council-approved Conditional Use Master Plan), and some even less likely candidates. Kelly Butte also comes to mind; both Water's large vacant parcels, and the old "911" facility owned by BGS. (This probably belongs in the "less likely" category, but worth investigating). If you have a list of candidate sites please let me know.

2. MAPPING WATER'S LEGAL PARCEL BOUNDARIES.

I also talked with Kathryn about the legal boundaries between Parks and Water properties on Mt. Tabor. There apparently is still not certainty over what parts of the total area are owned by Parks, and what is owned by Water. To help define the legal parcel boundaries owned independently by the two Bureaus, I am forwarding to you 2 copies of maps and other documents which clearly outline Water's ownership on Mt. Tabor. These are in your slot of the 5th-floor mail cart. You can forward these on to Brenda and/or Kathryn. These maps are:
(a) Large (24" x 34") general overview of Mt. Tabor, with heavy lines indicating the Water Bureau's outer property boundaries. This is based on the same digital data used to create the other map products provided recently by Thom Warren. For clarity, the data has been filtered to leave only what helps the viewer orient the property boundaries to the overall site.

(b) Copy of Water Bureau "General Plans" map "3-B-6" dated 03-24-1959. This map is an older rendition of the Water Bureau's outer property boundaries. In addition, this 1959 map shows the individual parcels originally purchased by Water (in lighter lines), and the "City Auditor's Deed Number" for each acquisition deed. These deeds, and relevant County Surveys of Record for the vicinity, are the basis of Water's boundary lines shown in the most recent mapping products Thom has provided for the project. Note this map also shows

Water's "Design file" printed on 03/07/1997. This map overlays site improvements as of 1996-97 on the Partition Plat No. 1997-85 "Parcel 1" and "Parcel 2" boundaries. From this map it can be seen the extent of Parks' use of Water's parcel. The east line of Parcel 2 (east boundary of Water's property) runs through Parks' more eastern building closest to SE Division.

(f) Two copies of the County Assessor's data on Parcel 2 of Partition Plat No. 1997-85, as of today (10/03/2002). This is County Taxlot Account No. 1s2e05cc 8702. The County data shows the property as owned by the Bureau of Water Works, in accord with Partition Plat No. 1997-85. The inset maps show current zoning designations, building footprints, and some underground water & sewer line info (some more accurate utility details are also available in Water's mapping data).

I hope all the above helps define what Water does (and does not) own at Mt. Tabor. See Thom or myself for more info if needed.

3. MORE ON PARKS' USE OF "PARCEL 2" AND OTHER WATER BUREAU LAND AT MT. TABOR.

The parcel owned by Water on the North side of SE Division at SE 64th Ave. is what remains from the larger parcel originally purchased by Water for the "Reservoir 2" site at SE 60th & Division eastward. Most of that original parcel was sold to the developers of the "Courtyard Plaza" complex. As noted above, the remaining portion ("Parcel 2" of Partition Plat No. 1997-85) is owned by Water but used by Parks as part of their facility. I am not aware of any written agreement between Water and Parks for Parks' use of the Water Bureau property on Mt. Tabor, either for this particular parcel or for the overall Mt. Tabor area. Neither has Parks ever provided me with a copy of such a document. It's possible there was and is an agreement somewhere in the City's files, and I have just never been able to find it. If you know of such an agreement, please let me know. The absence of an agreement raises some interesting questions, issues, concerns and opportunities.

4. PROJECT APPROACH TO MT. TABOR PARCEL OWNERSHIP.

Besides the simple question of each Bureau's boundaries being properly mapped, I came away from my discussion with Kathryn with an impression the general approach towards parcel ownership on Mt. Tabor, so far as related to Water's project needs, is not fully inclusive of the unique nature of the property rights involved in Water Fund vs. City General Fund land title authorities and obligations. On Mt. Tabor (and other sites as well, including Washington Park) there are two distinct classes of parcels, with two distinct parties of ownership. The "General Fund owners" (Portland's citizens, taxpayers) are a separate entity from the "Water Fund owners" (Water Bureau ratepayers - including wholesale customers, and Water Fund bond/debt holders). Recognition of these two different ownership categories should underlie any discussion regarding the use and disposition of any Water Fund and/or General Fund assets on Mt. Tabor, in order for decisions made to be legally appropriate and allowable under City Charter and related limitations.

5. SOURCE AND BASIS OF WATER'S PARCELS ON MT. TABOR.

The Water Bureau's parcel ownership's originate from individual purchases (mostly from private parties), for the sole purpose of future water reservoir construction. All these parcels were obtained (as far as can be inferred from the records at hand) without consideration towards the use of any Water property on Mt. Tabor for public park purposes. Likewise, all the parcels currently owned by Parks are separate legal acquisitions made by Parks specifically and solely for public park purposes, having nothing to do with use of any Park property for Water purposes. As a result, there is no "co-mingling" of parcel ownership's on Mt. Tabor. Any impression of one indivisible City ownership is a misconception, due in part to previous County Assessor's accounting practices, reflected also in the "graphical index" to the accounting data (the Assessor's maps), the practice of such "accounting shortcuts" (taxlot consolidation at the whim of the Assessor) for individual legal land parcels now prohibited by Oregon Statutes. Due to the County Assessor's historic practice of "consolidating" legally

Water Bureau is controlled by applicable language of the City Charter, specifically Section 11-104 of Chapter 11, which reads:

Section 11-104. Funds.

After payment of expenses for issuance of water bonds, the proceeds shall be placed in the Water Construction Fund.

Money from the sale of water and charges related to water works or service shall be placed in the Water Fund. After deducting sinking fund requirements, operating expenses of the water works and plant and the Water Bureau, which may include depreciation on plant and property, and maintenance expense found necessary and appropriate, the Council may transfer any excess in the Water Fund to the Water Construction Fund.

The Council may make transfers between funds in the Water Bureau, but the funds and accounts of the Water Bureau relating to water plant and works shall be separate from other accounts and funds of the City and treated as a separate municipal operation. The Council may impose charges it finds equitable upon the operation of the water system for municipal services of other departments, Bureaus and officers, and may impose fees of the same character as for public utilities. Otherwise, money in the Water Fund or the Water Construction Fund shall not be transferred to the General Fund of the City, nor to special funds unrelated to the water works, water system and the sinking funds for water bond debt service. [New sec. Nov. 8, 1966.]"

In examining whether an expenditure of Water Bureau Funds in support of a General Fund bureau, or the use of a Water Bureau asset by a General Fund bureau, would be appropriate, under chapter 11 of the City Charter, the City Attorney's Office has determined that the proper test is a determination of whether the proposed expenditure can be said to be "related to the water works, water system and the sinking funds for water bond debt service."

The City Attorney's Office has found several times over the years that it is not legally proper to transfer a Water Bureau capital asset to a General Fund bureau when payment by the General Fund to the Water Fund is less than the market value of the asset. (City Attorney Opinion 81-44, 82-150, 88-165, other City documents.) The City Attorney has determined: "The phrase "accounts relating to water plant and works" is reasonably read to include the capital "accounts" of the Water Bureau. Otherwise, through the transfer of capital assets, the Charter's purpose to protect the ratepayer investment in Water Bureau plant and works could be evaded." (Memorandum of March 9, 1990 from Jeffrey L. Rogers, City Attorney to Mayor Bud Clark and Commissioners Lindberg and Bogle.)

What the above means in short is that Parks cannot use a Water Fund property for any purpose, and neither can Water Funds be used in support of a Park purpose, without "market value" compensation to the Water Fund in some form. The City Attorney has stated: "Fair market value is best determined by a current appraisal or by arms length negotiation... Since City Council ultimately manages both the General Fund and the Water Fund, Council must take care that the amount transferred between funds is legally defensible as reasonably reflecting fair market value." (Memorandum of March 9, 1990 as above.)

In relation to an expenditure of Water Bureau Funds or use of Water Fund Assets for Park Bureau purposes, it might be maintained by Parks or others that there exist past arrangements between Water and private parties that create a precedent for certain arrangements between Parks and Water. Namely, in the acquisition of property for Water Bureau purposes, the Water Bureau might properly pay to remove encumbrances from property when necessary to make the property available for Water's purposes. This would apply in the case of encumbrances such as a restrictive easement within property the Bureau desired to purchase, or possibly a condition which needed to be dealt with as part of the transaction (payment for demolition of a building, or the value of timber which would be removed during construction, are examples). The assumption is that Water would be willing to provide payment or compensation of some sort to remove an existing problem, so that the site could then be more fully used for Water Bureau purposes. The City Attorney's Office has confirmed that an expenditure appears to fit the "related to" test that Office has set out for appropriate Water Bureau Fund expenditures. The answer is qualified however: The expenditure must be "reasonable". Using Water Bureau assets or funds to provide a new or replacement site or building for Park purposes, would likely not be a reasonable expenditure under the "related to test" - unless the Water Fund received "market value" compensation in exchange. Since at Mt. Tabor this would probably involve property already owned by Water, and that Parks has been using without providing "market value" compensation to Water in exchange (and that "market value" determined under the City Attorney's restrictive interpretation), proposing that Water would compensate Parks for the right to use property already owned by Water may be contrary to the City Charter.

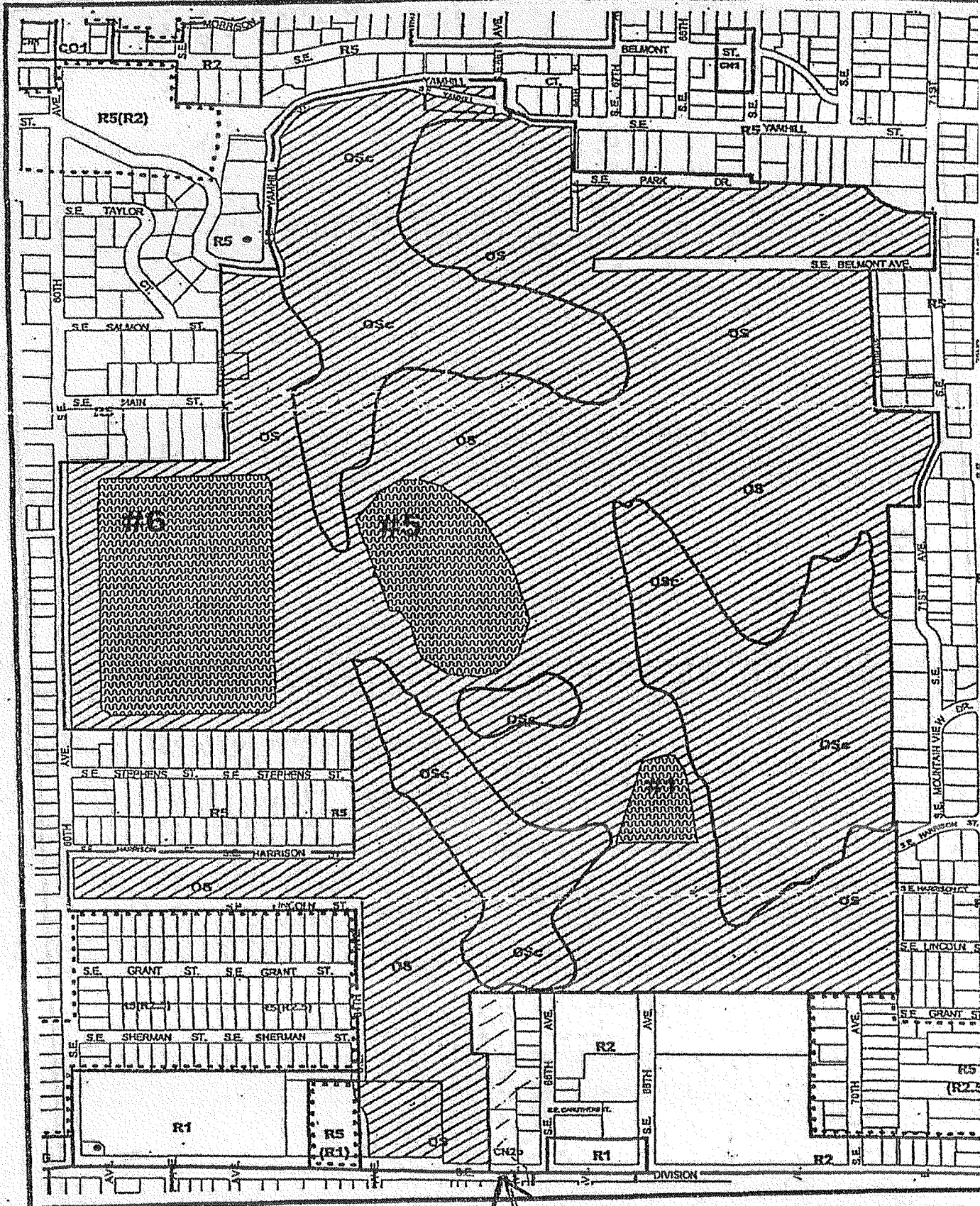
7. RECOMMENDED ACTIONS.

ed on all the above, any discussion about Water's proposed use of Park property on Mt. Tabor, and Water's potential assistance to Parks in relocating Parks' operations from Mt. Tabor, should (1) recognize and legally account for Water's existing valid and enforceable property rights on Mt. Tabor which are distinct from Parks and City General Fund property rights; and (2) recognize and legally account for "market value" exchanges required between Parks and Water for use of the land parcel(s) by those Bureaus. It's suggested the owners be examined in similar detail at Washington Park. There are opportunities to resolve some long-standing discrepancies in ownership as compared to use at both these major Water/Parks areas, and a consolidated approach to dealing with both at the same time is possibly best for all concerned.




I suggest no decisions or commitments regarding the disposition of Water Fund properties in relation to the project be made without a full review by the City Attorney. Ruth Spetter has worked previously in this area she is copied. Thanks for the opportunity to comment.

6035

(LOT 7 B) 2.VAIL



ZONING

-  Site
-  Reservoir Numbers
-  Historic Landmark

File No. MT. TABOR RESER
 1/4 Section 3237, 3236, 313
 Scale 1 inch = 500 feet
 State-Id 1S2E05BB -109

Moore-Love, Karla

From: Dee White <deewhite1@mindspring.com>
Sent: Wednesday, April 22, 2015 4:36 PM
To: Moore-Love, Karla
Cc: Council Clerk – Testimony
Subject: Documents from Dee White for Demolition Review Council Agenda # 414
Attachments: HLC WA Park LU 14-249689DM demolition testimony 3 30 2015.pdf; The Portland Alliance - Panel votes not to bury reservoir by Dave Mazza attach to HLC WA Park LU 14-249689DM.pdf; Agenda 414 Testimony fr. Dee White 4 23 15.pdf

Hi Karla,

Thank you again for helping me this AM.

Attached please find three documents that I would like to submit for the public record for the Demolition Review, Council Agenda #414, meeting tomorrow April 23, 2015. Please keep docs 1 and 2 together as I refer to number 2 in my testimony, which is number 1.

1. HLC WA Park LU 14-249689DM demolition testimony 3 30 2015
2. The Portland Alliance - Panel votes not to bury reservoir by Dave Mazza attach to HLC WA Park LU 14-249689DM
3. Agenda 414 Testimony fr. Dee White 4 23 15

Thank you again and I'll see you tomorrow,
Dee White
3836 SE 49th Ave.
Portland OR 97206
503-775-2909

Historic Landmarks Commission
March 30, 2015

Re: CASE FILE:LU14-249689DM(PC# 14-139549)
Demolition Review for Washington Park Reservoirs
#3 and #4 and the Weir Building

Comment from:
Dee White
3836 SE 49th
Portland, OR

The Zoning Code Approval Criteria on page 6 references the Historic Resource Review section 33.445.330, titled Demolition of Historic Resources in a Historic District. This reads: Demolition of other historic resources within a Historic District requires demolition review to ensure their historic value is considered. The Review period also ensures that there is an opportunity for the community to fully consider alternatives to demolition.

This opportunity for the community **has never taken place**. The Water Bureau made the decision to demolish the reservoirs behind closed doors. The public was NEVER given any meaningful opportunity to consider alternatives to demolition. One of the reasons for this proposal to demolish is to address the LT2 rule. This federal regulation, which is in review until 2016, requires that all public water systems that store water in open reservoirs must either cover the reservoirs or treat the reservoir discharge. There is no demolition alternative. **The public has never been allowed to weigh in on the either of the alternatives that would preserve the reservoirs until the LT2 review is completed in 2016.**

In 2003 the City created the Mt Tabor Independent Review Panel for the purpose of reviewing the options for meeting this same LT2 rule and keeping the reservoirs secure. It was created in response to the massive amount of criticism for the lack of public participation in the decision to bury the reservoirs at Mt Tabor and WA Park. In the **attached report** from Dave Mazza, who was a member of this 13 member panel, you can read about the panel's findings and the final vote AGAINST burying the reservoirs.

So, essentially, in 2004, once all of the facts were brought to light, much of it by the public, and presented to the independent panel, the panel voted not to move forward with the burial.

This of course, did not please the City and the Water Bureau. And this is exactly what the Water Bureau and the City want to avoid with this proposal now to demolish the reservoirs at WA Park. Cover and treat has been pushed aside behind closed doors.

A treatment option was never presented to the public for consideration. The City has always maintained that treatment would be impossible or too expensive, but these were only sound bites. The public process was never allowed to question these assertions, never mind provide meaningful consideration to the Water Bureau. The other alternative, that is putting covers on the EXISTING metal framework on the reservoirs at WA Park, thus “covering” the reservoirs until the LT2 review comes out in 2016, was never considered because the City KNOWS that if they HAD allowed the public to be at the table in this decision and subsequent application, they, the City and the Water Bureau, most likely, would have not been able to move forward with the demolition before 2016. The Water Bureau does not want anyone except themselves and their appointed cheerleaders at their decision-making table.

The goal of Citizen Involvement for the demolition decision, including consideration of the alternatives, has NOT BEEN MET.

The HLC should reject this application until a meaningful public process has taken place, and a good place to start would be to have another independent panel consider all of the alternatives that could delay demolition and finally, preserve our historic reservoirs.

Thank you.
Dee White
3836 SE 49th Ave.
Portland OR 97206



[About Us](#) - [Subscribe](#) - [Contact & Submission info](#)

[Front Page](#) > [Issues](#) > [2004](#) > [June](#)

Panel votes not to bury reservoir

In an 8-5 decision, the Mt. Tabor Reservoirs Independent Review Panel chose to enhance security and water quality monitoring rather than adopt a reservoir burial plan that may cost the city as much as \$200 million.

By Dave Mazza

Community members opposed to the proposed burial of three historic reservoirs scored another victory at the May 11 meeting of the Mt. Tabor Reservoirs Independent Review Panel. The 13-member panel split 8-5 in favor of increasing security and water quality monitoring at the century-old facility rather than move forward with plans to bury the reservoirs and build a "water feature" on top. The Water Bureau and its consultants pressed hard for the burial option during the 3-month process; however, it was a perceived lack of compelling problems, and concerns over cost that moved the panel to reject the Bureau's preference. Now it remains to be seen whether City Council will accept the findings of its own panel when the latter presents majority and minority reports at a June 8 work session.

The Portland City Council, at the request of Commissioner Dan Saltzman, created the Mt. Tabor Independent Review Panel last February for the purpose of reviewing options for meeting pending EPA water quality rules and keeping the reservoirs and infrastructure secure. Saltzman created the panel in response to growing criticism of the lack of public participation in the decision to bury the reservoirs. Grassroots groups like Friends of the Reservoirs were raising the visibility of the issue, putting direct pressure on Saltzman as well indirect pressure from more influential city figures who were concerned about the Friends' claims.

The options given to the 13-member panel (see sidebar) included reservoir burial, a water treatment facility, relocating stored water to Mt. Scott, and mitigating risk through enhanced monitoring and security. Eventually, another option calling for low tech approaches to water quality and security put forward by Friends of the Reservoirs was added to the list of options under consideration. The panel had 90 days to make a recommendation to the council. Recommending no action was not an

The Majority Report

At the May 11 meeting of the Mt. Tabor Reservoirs Independent Review Panel, panel members determined that there would be no consensus around any single option. Instead, majority and minority reports were developed for presentation to the City Council in June.

The majority of panel members found:

- Water quality in Portland is very good and meets all current federal regulations;
- There is a very low risk that a terrorist act would harm the City's water supplies;
- Vandals can access the water supplies, but are not likely to introduce an agent that would undermine the health of system users;
- Water rates are expected to rise steadily over the next decade, well ahead of the rate of inflation;
- Water usage in Portland is declining;
- There is no current federal

option.

Facilitators from EnviroIssues and technical consultants from McQuire Environmental Consultants assisted the panel. The panel's executive committee, with the full panel's approval, retained both firms.

Starting in early March, the panel met weekly for presentations from the consultants, public testimony and deliberation. Power Point presentations on the city's water system, public health risks to the water supply and security filled most of the two-hour — later expanded to three-hour — sessions. From the first session, tension existed between panel and staff over the choice of information and how it was being presented. The consultants showed a graph measuring the growth of certain bacteria in the reservoirs, but it took

repeated questioning before the consultant admitted this organism caused the water to be discolored but posed no risk to human health. In another instance, panelists were presented with data on how a small amount of a hazardous compound could render an entire reservoir contaminated. What was not mentioned, again until after repeated questioning, was that the figures assumed the substance was fully mixed throughout the reservoir, something that would take days to occur.

The most disturbing aspect of how information was presented over the three-month process was the growing sense that some information was deliberately held back until its disclosure would have a maximum effect on the panel. Cost, identified early as information the panel felt important and needed, was rarely presented in a form that was easily understood. When the panel appeared ready to abandon the burial option, the Bureau introduced new cost data that showed the difference in long-term cost between burial and risk mitigation was a matter of a few dollars — an analysis many of the panel didn't believe. The panel was sandbagged a second time with the late release of information stating the reservoirs are not earthquake proof and that the cost of seismic upgrades would be very costly. Information provided by the Friends contradicted the level of risk from earthquake — Mt. Tabor is a low-risk island surrounded by much more vulnerable lowlands. Again, the majority of the panel rejected the attempt to impose seismic upgrade costs on some of the options.

An unexpected result of these methods was the polarization of the panel into the majority and minority viewpoints that eventually was represented the majority and minority reports presented to the City Council. There was some movement from the majority pro-risk mitigation faction to the minority burial faction following the introduction of the seismic

upgrade information, however, by the last meeting, it took little time for the entire group to agree there would be no consensus and that majority and minority reports should be written and submitted to the council (see sidebar).

or state regulation requiring that reservoirs be buried;

- New federal regulations are in development, but are not yet complete. They could impact many aspects of the Portland water system, not just Mt. Tabor, but are not expected to ban open reservoir systems; and
- The reservoirs are a critical part of the history and character of Mt. Tabor Park.

The majority recommended:

- The City Council should adopt a risk mitigation strategy to ensure the safety and quality of drinking water supplies at Mt. Tabor Park;
- Since a specific mitigation plan was not provided in the Council resolution, a risk mitigation plan will need to be determined and considered by the public prior to City approval;
- A risk mitigation strategy should preserve the historic character of Mt. Tabor Park and adhere to the Mt. Tabor Masterplan;
- The City Council should revisit this issue in the future, potentially when new federal rules are finalized, or state rules enacted;
- Deferred maintenance at the reservoirs and elsewhere in the water system should be reviewed, and work completed where it is necessary to maintain the integrity of the reservoirs and the water delivery system;
- Potential changes to Mt. Tabor should not be considered in isolation. Rather, the City should

The split decision was a clear victory for Friends of the Reservoirs. They had out-organized the Water Bureau, always prepared with more compelling data to inform the panel and rebut consultant presentations. Despite efforts to limit their involvement in the process, the group soon became the reliable source of information for some panelists. Even though their option was eventually dropped, many of the features of the Friends' proposal were included for consideration in a final mitigation plan.

With a favorable council vote not absolutely certain, the Friends of the Reservoirs are not slowing down after this victory. They will be mobilizing for the upcoming council hearings. They are also re-filing an initiative to require a public vote on major water projects they had not been able to circulate during the review.

While there's no question this is a major setback for Saltzman and the Water Bureau, there's no reason to count them out yet. The Bureau has shown itself determined to get its way on this issue. Firms like Montgomery Watson Harzon — the employer of former Portland Water Bureau chief engineer Joe Glicker — that developed the burial proposal the City Council approved in the spring of 2002 are also unlikely to walk away from lucrative contracts.

Even should the council vote end the burial issue for now, the real fight isn't over. Viewed as one of the moneymakers in the city, the Water Bureau has enjoyed hands-off treatment for years. The result is an insularity and resistance to intrusions by "outsiders" that runs contrary to the democratic process or to effective government. Short of changing our current form of city government — a step progressives seem unready to embrace at this time — democratizing the bureaucracy seems the logical next step. The creation of a public water board to oversee the Water Bureau could certainly be such a step, and started with a demand for a full public audit of the Water Bureau.

But for now, it looks likely the historic Mt. Tabor reservoirs will be serving Portlanders' physical and spiritual needs through another century.

Dave Mazza is editor of The Portland Alliance. He was one of the members of the Mt. Tabor Reservoirs Independent Review Panel.

The Mt. Tabor Reservoirs Independent Review Panel

<i>Portland Water Bureau Commissioner Dan Saltzman selected the following people to serve on the panel the City Council created to review options for the Mt. Tabor Reservoirs. How the member voted is indicated by "majority" or "minority."</i>	Bill Glaze Oregon State University; minority	Gary Oxman Multnomah County Health Department Health Officer; minority
<i>Ogden Beeman (Panel Chair) Independent maritime</i>	Dave Mazza The Portland Alliance; majority	Frank Ray Public Utility Review Board; majority
	Sandi McDonough National Energy & Gas Transmission; majority	Jim Spitzer Multnomah County Department Emergency Preparedness Manager; minority
	Steve March State representative Dist. 46; majority	

consider all upgrades necessary as a result of any new regulation in a holistic manner, calling upon experts and community representatives to assist the city in devising a plan that meets regulatory requirements, maintains safe and reliable water supplies and assures long-term affordability of the City's water services; and

- Rate impacts should be minimized.

For more information about the full report, see www.portlandonline.com or www.friendsofreservoirs.org

consultant; **minority**

Eilen Brady
EcoTrust; **majority**

Vanessa Gaston
Urban League; **majority**

Stefenni Mendoza Gray
Oregon Council for Hispanic
Advancement; **majority**

Tiffany Sweitzer
Real Estate; **majority**

Tom Walsh
Tom Walsh Construction;
minority

[Back to Top](#)

The Portland Alliance 2807 SE Stark Portland,OR 97214

Questions, comments, suggestions for this site contact the webperson at website@ThePortlandAlliance.org

Last Updated: July 22, 2004

Everyone in this room today knows that Rochester NY got a 10 year deferral for meeting compliance with EPA's LT2 rule. We all know that Rochester has not spent a dime on any infrastructure or treatment alternative. And, we know that even if Rochester is in the future required to treat or cover their reservoirs, Rochester's public officials have stated that they will pursue a low cost treatment alternative such as UV because costs for treatment have drastically declined since 2004 and will continue to decline while improving in effectiveness because that is simply the nature of technology. This is all public knowledge, all well documented. Rochester's officials are acting on behalf of its citizens, for its citizens, supported by its citizens.

Unfortunately, we also all know that this is not the case with Portland officials. The Portland City Council and the Water Bureau continue to publicly disavow and publicly ignore all of these documented facts.

In early March of 2015, Mayor Charlie Hales was interviewed on KBOO radio by Joe Meyer.

Meyer: "you understand that Rochester is not doing any construction related to LT2."

Hales: "I don't know the details about what Rochester is not doing."

Meyer: "Rochester has not spent a dime towards complying with LT2."

Hales: "Check with Rochester, I don't think that's... that's not the factual situation that I am told."

When asked if he was going to write Governor Kate Brown and ask for a deferral, since she is the head of OHA, Hales responds:

"No. She can't give us relief from the Federal mandates."

Link: <https://soundcloud.com/joe-meyer-10>

Commissioner Novick's 5 page letter to the OHA in Feb 2013 strongly states the case for a deferral and he refers to Rochester's deferral multiple times. What the public does not know and what was revealed by document searches was that in tandem with the delivery of this request, a Water Bureau surrogate sent an email to the OHA letting them know that the Water Bureau wanted to proceed with their build projects. Dave Leland, the OHA decision maker, stated in an email to the Water Bureau "...now we know what the Water Bureau wants." This same messenger was publicly chastised by Mayer Katz after admitting at the 2004 Reservoir Panel Council meeting that she had anonymously contacted the Urban League member of the panel at the end of three months of work by the panel, in an attempt to derail the panel's conclusions.

Link to OHA response to C. Novick's letter:

<http://public.health.oregon.gov/HealthyEnvironments/DrinkingWater/Rules/LT2/Documents/pwb/ReservoirResponse2.pdf>

Ratepayers have witnessed willful ignorance, utterly false communication, withheld information and reports, wanton disregard for community concerns and reckless spending of ratepayer's funds in this leadup to granting this heartbreaking demolition permit for our historic reservoirs in the heart of the city. An enormous amount of harm is going to result from City Council's deceit. The lack of discourse in Portland's governing process enables the City Council to always have the last word, even if it is not the truth. This is not democracy. This is not government by the people. The dissenting member of the HLC repeated this many times at the HLC meetings these past 5 months. "Government is supposed to be by the people."

Links to two meetings where this was stated:

<https://vimeo.com/125300646>

<https://vimeo.com/117979561>

<https://vimeo.com/119428556>

Before any more decisions or actions are taken with regard to the reservoirs at WA Park, I implore the City Council to form an Independent Review panel like you did, Commissioner Saltzman, in 2004. Include all of the stakeholders, including the majority which are opposed to proceeding on a fast track with destroying and replacing our historic perfectly functioning assets with these costly unnecessary, unsupported infrastructure projects.

Thank you,
Dee White
3836 SE 49th Ave.
Portland OR 97206
503-775-2909