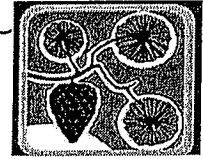


Nisqually Pines Community Club  
Newsletter

www.nisquallypines.com



Office Hours: Monday- Friday 7:30am to 5pm.



**Important Dates:**

2<sup>nd</sup> Reserve Study Board discussion 6 pm  
8<sup>th</sup> Adjudication 7 pm  
Open Board meeting TBD  
15<sup>th</sup> Resolution meeting 6:30 pm  
16<sup>th</sup> Finance committee meeting 6:30 pm  
23<sup>rd</sup> Study Session 6:30 pm  
27<sup>th</sup> C.E.R.T. 6 pm

Meetings are open to the community,  
please join us and hear what's going  
on in OUR community!



**EASTER CANDY NEEDED!**

The Events Committee needs Easter  
candy!

**Important** - They must be individually  
wrapped candy and small enough to fit  
into the plastic Easter eggs.

Easter Egg Hunt  
Coming Soon!

*Mark your Calendars for  
April 20<sup>th</sup> at 2 pm  
Clubhouse*

*For children up to and  
including, 6<sup>th</sup> graders.*

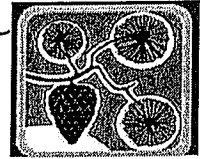


# April 2014

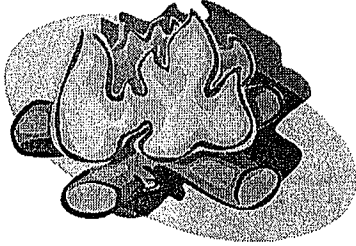
Sun	Mon	Tue	Wed	Thu	Fri	Sat
		1 <i>April Fools' Day</i>	2 <i>Board Discussion Reserve Study 6 pm Clubhouse</i>	3	4	5
6	7	8 <i>Adjudication 7pm Clubhouse</i>	9 <i>Events committee 6 pm - Clubhouse</i>	10	11	12
13 <i>Palm Sunday</i>	14 <i>Passover Begins</i>	15 <i>Tax Day Resolution committee 6:30 pm - Clubhouse</i>	16 <i>Finance meeting 6:30 pm Clubhouse</i>	17	18 <i>Good Friday</i>	19
20 <i>Easter Easter egg hunt 2 pm Clubhouse</i>	21	22 <i>Earth Day</i>	23 <i>Study Session Meeting 6:30 pm Clubhouse</i>	24	25	26
27 <i>Cert 6 pm Clubhouse</i>	28	29	30			

# Nisqually Pines Community Club Newsletter

www.nisquallypines.com



## Miscellaneous Information



Please renew your burn permit. You can get one at the office or go online to [www.orcaa.org](http://www.orcaa.org).

You may not burn wood of any kind that you purchase at the store. All wood has to be in its natural form.

\*Fire may be no higher than 3ft.\*

### Dog Owners:

It is the responsibility of all members, renters & visitors with dogs to look after them. So please pick up after your dog in any public areas including easements in front of other members' homes.

Thank you!



### Reminders

The Pines Office is currently working on updating our records.

**Please make sure the office has your updated contact information on your account.**

We can't let you know something is amiss with your property or water if we don't have a good contact number.

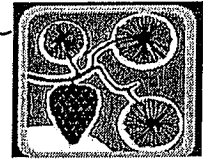


### ATTENTION:

There is a strip of property that belongs to Nisqually Pines at the end of Briar St SE, where a trail has been made. We have put a fence up on that trail to the river and a "NO TRESPASSING" sign. Please refrain from using this river access and use the River Park instead.



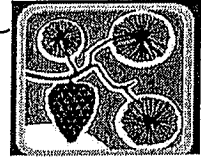
# Nisqually Pines Community Club Newsletter



www.nisquallypines.com

<p><b><u>Office Manager</u></b> Charity Mayerl <a href="mailto:cmayerl@nisquallypines.com">cmayerl@nisquallypines.com</a> <b><u>Bookkeeper</u></b> Judy Orr <a href="mailto:bookkeeper@nisquallypines.com">bookkeeper@nisquallypines.com</a> <b><u>Contact Phone: 458-7370</u></b></p>	<p><b>Its Spring time!</b> Along with spring cleaning, why not come by or call the office with your phone number. Don't just assume we have your most recent number.</p> <p><b>Remember:</b> We can't let you know something is amiss with your property, water or home if we don't have a good contact number. **This goes for renters too!**</p>
<p><b><u>Property Standards:</u></b> Paulette Howard <a href="mailto:propertystandards@nisquallypines.com">propertystandards@nisquallypines.com</a> <b><u>Contact Phone: 458-7370</u></b></p>	<p><b>Please welcome our new property standards employee, Paulette!</b></p> <p>Residents you are responsible for your guests, please make sure they follow Pines rules.</p>
<p><b><u>Water Department:</u></b> Julie Rhey-Baumann <a href="mailto:waterdept@nisquallypines.com">waterdept@nisquallypines.com</a> <b><u>Message Phone: 458-7393</u></b></p>	<p>Back flow testing is coming up in June! For those residents who have the back flow devices, remember you will have an extra charge on your bill for that month.</p> <p><b>Please Contact Water Manager for water shut-off.</b></p>
<p><b><u>Maintenance Department:</u></b> Bob Smith <a href="mailto:bsmith@nisquallypines.com">bsmith@nisquallypines.com</a> and Joe Zeiler <b><u>Message Phone: 458-7393</u></b></p>	<p><b>It's mowing season again!</b></p> <p>Please respect the safety of our Maintenance crew, drive slowly by them when they are working in the easements. Thank you!</p>

# Nisqually Pines Community Club Newsletter



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## Board of Directors

Eric Weaver - Vice President, Security, Water & Maintenance contact  
Tonie Barton - Secretary, Clubhouse, River Park & Pool contact  
Joyce Clapham - Treasurer, Office, Bookkeeper & Property Standard contact  
Lori Clark - Adjudication contact

## Board News

**Open Board Positions** – We still have 3 vacancies on the Board. We meet twice a month, meetings have been very productive and we feel we are getting a lot accomplished. However, the additional members would allow us to get more accomplished faster. Please come check out a meeting or two and see what is happening in our community and how you can help!!

**Office Updates** - Over the next few months the BOD, Office staff and Finance Committee will be working on new procedures & policies to make us more efficient. Please bear with us as we make these changes and work out the kinks.

**Emergency Operations Center** - If you are a resident living along the Nisqually River, please get yourself added to the EOC call list so when river flooding and dam releases happen you will be notified when it will affect our end of the river. You can register by calling 360.867.2800 or online at [www.co.thurston.wa.us/em/flood/telealert.htm](http://www.co.thurston.wa.us/em/flood/telealert.htm)

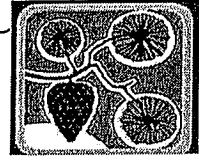
### Reminders:

**Complaint Policy** – Please remember all complaint forms filled out must be dropped off at the Pines office or emailed to Charity ([cmayerl@nisquallypines.com](mailto:cmayerl@nisquallypines.com)) or Property Standards ([propertystandards@nisquallypines.com](mailto:propertystandards@nisquallypines.com)) depending on the complaint. All complaints will be date stamped the day they are received and a stamped copy provided to the complainant. If you do not receive a stamped receipt of your letter within 24 hours please call the office!! \*\*\*Keep in mind we do not accept complaints from anonymous senders. \*\*\*

**Budget** – As you all know this year our annual dues increased, unfortunately that is not the end. Due to the higher cost of materials, fuel, utilities, taxes, etc. there will be another increase in the 2014/2015 budget year. How much, we are not sure yet as Finance has just started up for the year but we promise to keep the community in the loop as the year goes on. We also have to add in the requirements of the Reserve Study.

***Please come out and join us and help us make the NPCC a better place to live!!***

# Nisqually Pines Community Club Newsletter



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## Committee Happenings

<u>Events Committee</u>	<u>Finance</u>	
<p>Charity Mayerl, Rob Parkhill, Dillon Pflugmacher, Mary Risch, Tonie Barton, Joyce Clapham</p> <p>Next Up: Easter</p> <p>We need volunteers to help with Easter egg hunt.</p> <p>Next meeting: Wednesday April 9 at 6 pm</p>	<p>Joyce Clapham, Tonie Barton, Cathy Reynolds, Mary Risch</p> <p><u>February Update:</u> Reviewed quarterly numbers and current Profit &amp; Loss, reviewed and updated future needs list.</p> <p><u>Next meeting:</u> Audit report and numbers review</p> <p>Next meeting: Wednesday April 16 at 6:30 pm</p>	<p><b>Most of our committees are small and consist of the same volunteers, please consider coming out and listening to what they are working on and see if maybe you can help!!</b></p>

<u>Resolutions</u>	<u>C.E.R.T.</u>	<u>Adjudication</u>
<p>Lori Clark, Tonie Burton, Phil Barker, Charity Mayerl, Eric Weaver</p> <p>We are currently going through Resolution 94-1 &amp; Addendum 94-1A and completely rewriting them. We are looking for new members! Why not come join our committee?</p> <p>Next meeting: Tuesday April 15 at 6:30 pm</p>	<p>CERT is looking for members to join them on the last Sunday of every month at 6pm.</p> <p>Learn about emergency preparedness in your community and what you can do to help yourself and your community.</p> <p>Next Meeting: Sunday April 27 at 6 pm</p>	<p>Mary Risch, Phyllis Myers, Theresa Donovan, Rob Parkhill, Cathy Reynolds</p> <p>1 case for March</p> <p>Next meeting: Tuesday April 8 at 7:00</p>

## Nisqually Pines Community Club

### Open Board Meeting

February 12, 2014

### Minutes

Roll call of board members; Tonie Barton; Joyce Clapham; Eric Weaver; Pamela Kennedy; Lori Clark

Minutes- Motion made to accept minutes as read with (minor spelling errors, Joyce absent, mobile home allowance specifications are not a Bylaw change and total CPR training and class was 17. MSC

Treasurers Report- did not show past 2 months, only current. CD has matured, has been used to repay emergency fund and balance has been added to current checking until a new investment has been identified. \$30,304.

#### Unfinished Business

Read approved action forms – Motion made to accept forms as read; Move older mobile home into the pines – rejected; Request to allow outside use of the clubhouse without charge – rejected; Dispute of L&I claim for past employee – approved; Late fee reversal for 3 residents due to mail delay – Approved

Unemployment letter – Letter from employment securities – If we pay up front we could possibly reduce our cost. Findings by Treasurer and BK is that there would be no savings.

Job Descriptions- If ready to be approved... - Changes "During first 2 years after class" be changed to "Your expected to work for the NPCC for 2 years after the training course; Change last sentence to "if you quit or are fired" instead of "terminated". Joyce will update for BOD by-off and add back in cross training for Maint. Manager; Change Office manager description from "process payroll" to "Prepares payroll"

#### New Business

##### Dept Checkins

Clubhouse; Toilet was backing up due to septic tank. Septic has now been pumped.

River park; Closed – Friday-Sunday due to snow.

Office; Complaint came in about hill on Port Orford requesting sand on the hill. This would be great to scrape with the loader and check into deicer that will absorb the ice.

Maint; Congrats to Joe for finishing his classes.

Water; Congrats to Julie for passing her water tests.

Pool; closed

Property Standards; PS has health problems preventing return to work. Look into alternatives; Can discuss option of using second maint personnel for PS.

Security: Increased security with Police deployment. President has insisted on the following; Suggested to patrols that they no longer park, they should keep driving and patrol every street in the Pines to cover more ground and catch perpetrators off guard

Bookkeeper; going over audit review and coming up with plans to fix the internal issues brought up by our auditor and will present to BOD when BOD meets to discuss review during next study session or finance meeting will have Office suggestions on corrective actions. BK reviewed 5 USDA binders to remove duplicates and bring documentation into order. BK is also organizing past documentation for easy access. BK is also boxing up previous year files to put into storage (2012-2013).

Keys to clubhouse and pool- Moved to study session.

Money handling procedures - FYI for study session. Please provide input.

#### Committee Reports

Events- WE NEED VOLUNTEERS!!!!!! All Easter eggs were stolen 2 years ago.

Finance – Accepted resignation of Dawna Hansen Murray; Accepted application of Mary Risch. Mr. Koon presented CERTS wish list and will be considered in next year's budget.

CERT- Mike Koon - Could not hear the discussion with Mr. Koon. Suggestion is to have a written review from Mr Koon in the future or provide a microphone.

Bylaw- Made change at study session.

Adjudication- Mary Risch – No meeting due to no PS.

Resolution 1994 revised to 2014 – Draft is in process.

Upcoming events- Easter Egg Hunt in April. Please donate plastic eggs and individual candy to go in it. Prizes for each age group would be appreciated.

Community Comments- None


Closed Session –

Employee rebuttal- Accepted employee rebuttal for file



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Joyce Clapham Treasurer



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Tonie Barton

Secretary



## From Our Water Department Manager

The Water Department has sent out cross connection Questionnaire forms. We are required by law to send out these Questionnaire forms every 3 to 5 years. This year it was sent out to residents living in Division 2. That division covers Cascara, Deodar, Arborvita, Heather (between Kalmia and Boxwood), Sumac, Mahonia, Holly (between Sumac and Aspen) and Aspen.

If you received one of these Questionnaires, it is very important to your Water Department to have these filled out and returned to the office.

If you are a renter or if you lost your questionnaire, please come by the office to receive another one. It is very important that we receive these from every lot.

If these questionnaires are not received by May 9<sup>th</sup>, 2014, the Water Department will have to come to your residence, as they are that important to maintain your water quality.

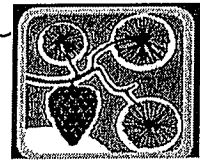
If you have any questions, please come by the office, email or call. We will be glad to help you and answer all your questions.

Thank you,



Julie Rhey-Baumann  
Water Department  
Nisqually Pines Community Club  
[waterdept@nisquallypines.com](mailto:waterdept@nisquallypines.com)  
360-458-7393

# Nisqually Pines Community Club Newsletter



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Who Does It?

What's For Sale?

---

## Handyman

Jim the yard man  
lawn mowing & trim  
reasonable & dependable  
call 360-458-9140

---

Roof repairs or replacement  
sky lite replacement, roof  
cleaning  
call Wes Craney  
360-970-4480

---

Affordable prices, honest &  
efficient.  
I'm experienced in painting,  
texture, flooring, tiling,  
Carpeting, sheet rock, etc.  
Also outside: welding,  
trimming & cutting trees,  
landscaping, lawn mowing,  
pressure washing, deck repair  
& mechanic.  
Call 360-970-1992

---

## Support groups

Multiple sclerosis support  
group  
1<sup>st</sup> Wednesday of each month  
Chinese Wok 6:30pm  
questions call Cathy Reynolds  
360-400-4125

---

## House Cleaning

Experienced housekeeper  
available 7 days a week  
10am-3pm \$10/ hr.  
Experience & references  
Call Tina 253-682-7365

---

Jody's house cleaning services.  
I will clean anything in your  
home!  
I have excellent references  
call Jody 360-400-3119

---

## For Sale

Offering old & new "blue  
willow" dishes-platters,  
teacups, teapot,  
And more!  
Reasonably priced  
call Deborah 360-464-0993

---

Solid Oak Table & 4 chair set  
in good condition - \$175.  
Maytag portable dishwasher,  
white, excellent condition,  
works great - \$150. OBO.  
253-267-2304

---

Full Bed for sale. Box, frame  
and mattress, \$350  
call Julie of Jeff  
360-970-9485 or  
360-350-7157

---

DVD's For Sale!  
Current popular television  
shows and movies! \$19 per  
season for series, blu-ray's are  
\$5 more.

Call mornings only for more  
details 360-458-7907

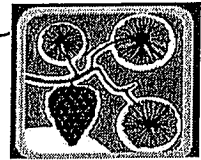
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14' Norton Boat  
15 HP Motor, with lights, live  
well, batteries, swivel seats,  
trailer. \$2800  
360-400-1179

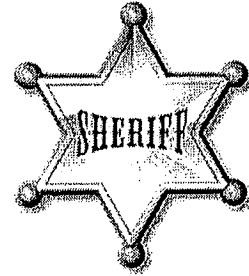
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# Nisqually Pines Community Club Newsletter

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## Police Blotter



### February

- 26 – Field Investigation of suspicious person on Foxglove, routine patrol.
- 27 – Animal complaint on Snowbell, juvenile complaint on Filbert.
- 28 – Routine patrol.

### March

- 1 – Welfare check on Mimosa, routine patrol.
- 3 – Routine patrol.
- 4 – Attempt to locate on Suntree, speeding warning, routine patrol.
- 6 – Routine patrol.
- 7 – Routine patrol.
- 8 – Domestic Violence on Thuja, Civil matter on Sumac, Assault on Heather, routine patrol.
- 9 – Routine patrol.
- 12 – Routine patrol.
- 14 – Conducted field interviews, welfare check on Thuja, Verbal Disturbance on Heather, routine patrol.
- 15 – Courtesy traffic stop at front gate for open gas tank, routine patrol.
- 16 – Traffic stop on Port Orford, routine Patrol.
- 17 – Routine patrol.
- 20 – Routine patrol.
- 21 – Traffic issue on Holly with juveniles on a scooter, report of suspicious vehicle parked on Heather & Arborvitae, suspect arrested for misdemeanor warrant in Lacey, routine patrol.
- 22 – Routine patrol.
- 24 – Routine patrol.
- 26 – Routine patrol.

Routine Patrol means house checks, Clubhouse, River Park, Office and area patrol. If you see something suspicious, call 911. Don't wait until the next day and call the Pines Office.

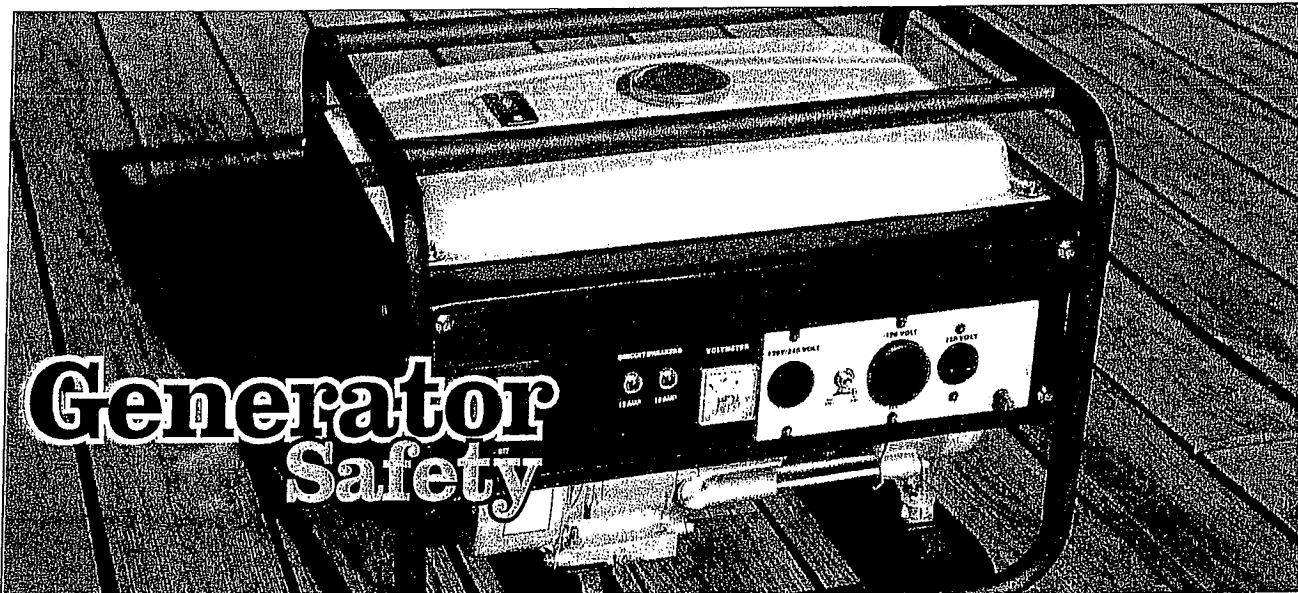
The non-emergency number for the sheriff is 360-704-2740

Please lock doors and don't leave valuables in your vehicles.

If you are going on vacation, you can have the sheriff check your house to make sure it is secure.

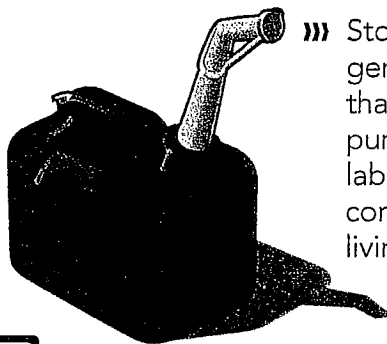
Fill out a vacation request form at the office.

From your neighborhood C.E.R.T. team



Downed utility lines, power company blackouts, heavy snow falls or summer storms can all lead to power outages. Many people turn to a portable generator for a temporary solution without knowing the risks.

- » Generators should be used in well ventilated locations outside away from all doors, windows and vent openings.
- » Never use a generator in an attached garage, even with the door open.
- » Place generators so that exhaust fumes can't enter the home through windows, doors or other openings in the building.
- » Make sure to install carbon monoxide (CO) alarms in your home. Follow manufacturer's instructions for correct placement and mounting height.
- » Turn off generators and let them cool down before refueling. Never refuel a generator while it



- » Store fuel for the generator in a container that is intended for the purpose and is correctly labeled as such. Store the containers outside of living areas.

## Just Remember...

When plugging in appliances, make sure they are plugged directly into the generator or a heavy duty outdoor-rated extension cord. The cords should be checked for cuts, tears and that the plug has all three prongs, especially a grounding pin.

If you must connect the generator to the house wiring to power appliances, have a qualified electrician install a properly rated transfer switch in accordance with the National Electrical Code® (NEC) and all applicable state and local electrical codes.

## FACT

! CO deaths associated with generators have spiked in recent years as generator sales have risen.



Your Source for SAFETY Information

NFPA Public Education Division • 1 Batterymarch Park, Quincy, MA 02169

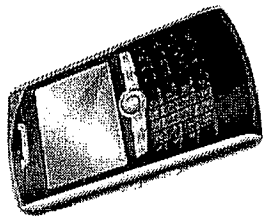
[www.nfpa.org/education](http://www.nfpa.org/education)

# Get Connected!

## Your Telephone Alert System

### • Activation

The system is activated when, in the opinion of Emergency Management, a level of warning beyond that provided by the National Weather Service and the media is needed to urge residents to take action to protect life or property. A sample message is on page 2.



### • How it works

Our staff records a brief message and places calls to subscribers. When you pick up your phone, our system plays the message. If you have an answering machine, our system waits for a prompting tone and plays the message for your recorder.

### • What if there's no answer?

After a number of rings, the system will hang up and call the next number on the list. After at least 15 minutes, it will try again, then a third time if necessary.

### • How to subscribe

Give us your name, residential address, mailing address (if different than your residential address), the name of the river in your area and the telephone numbers you'd like us to contact with emergency notifications. You can mail, phone or fax your information to:

Thurston County Emergency Management  
9521 Tilley Road South  
Olympia, WA 98512  
Phone: (360) 867-2800; Fax: (360) 867-2811

You can also subscribe online at:  
[www.co.thurston.wa.us/em/flood/teleAlert.htm](http://www.co.thurston.wa.us/em/flood/teleAlert.htm)

Please call us if you are currently subscribed and no longer want to receive the river alert notifications.

### Important Notice: Alert System Limitations

Several Caller ID features such as "anonymous call rejection" and "security screen" can interfere with receipt of emergency notifications. If you use any call screening services, contact Emergency Management for more information.



## Stay Tuned with a Weather Radio

Receive up-to-the-minute advisories from the National Weather Service around the clock. Pre-tuned, battery-powered weather radios can be purchased from most electronic stores, starting at about \$30.

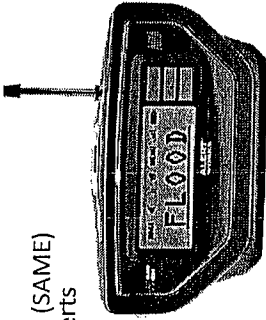
Top models feature Specific Area Message Encoding (SAME) technology, which can be programmed to sound alerts for selected conditions in selected areas.

### Broadcast Information

Frequency: **162.475 MHz**

Channel: **4**

Thurston County SAME Code: **053067**

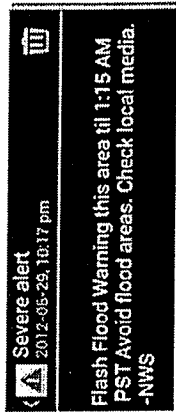


## Emergency Alerts on Cell Phones

Wireless phone providers are carrying Wireless Emergency Alerts (also known as the Commercial Mobile Alert System), a new nationwide text system, which can warn you when weather threatens. The service is free and automatic — you don't have to sign up or download an app. As long as your cell phone is WEA-capable, you'll get wireless alerts for the most dangerous types of weather from NOAA's National Weather Service (NWS) no matter where you are.

NWS will send warnings for tsunami, tornado, flash flood, extreme wind, blizzard, ice storm, dust storm or hurricane. AMBER alerts are also transmitted over WEA, and the system can broadcast Presidential messages.

• **How it works:** If you're in an area where a weather warning has been issued, your cell phone will pick up the alert sent by nearby cell towers, broadcasting the message much like a radio station. WEA-capable cell phones within range will immediately pick up the signal. When your phone receives a message, it will alert you with a unique ring tone and vibration.



The message will automatically pop up on your screen; you won't have to open it to read it. Regardless of where you are, this service will send alerts appropriate to your real-time location. For example: You live in Washington, but if you take your WEA-capable phone on a trip to Texas and a tornado warning is issued, you'll receive an "Imminent Threat Alert" on your phone for the area in Texas where you're visiting.

Get more information about Wireless Emergency Alerts on your cell phone at <http://www.nws.noaa.gov/com/weatherreadynation/wea.html>.

# Free, Safe Disposal of Household Hazardous Waste

## HAZOHOUSE

It's the place for hazardous waste

What should you do with household hazardous waste? Bring it to Thurston County's HazoHouse.

HazoHouse offers a convenient way for residents to safely dispose of toxic products that could otherwise harm family members, pets, wildlife, or the environment.

### Hours of operation:

Friday, Saturday, Sunday, Monday, and Tuesday  
8 a.m. to 5 p.m.

### Location:

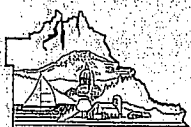
Thurston County Waste and Recovery Center  
2418 Hogum Bay Road N.E. in Lacey

Service is free for residential customers.

Business owners pay a small fee.

Call 867-2491 to register your business.

See reverse side for map.



## Acceptable materials

YES!



Auto products: used oil filters, antifreeze, car batteries, brake fluid



Used motor oil (see back), contaminated oil, gasoline, and kerosene



Oil-based paints, spray paint, paint thinners, primers, stains, and pre-1989 latex paint\*



Fluorescent light tubes, yard light bulbs, and their ballasts\*\*



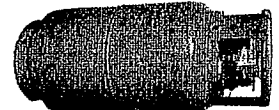
Solvents



Pesticides and herbicides



Glues and adhesives



Propane tanks  
No need to de-valve.  
20 lb/5 gallon or smaller barbecue tanks only (up to 3 tanks per residential customer per day)



All types of batteries EXCEPT alkaline\*\* (up to 3 car batteries per residential customer per day)



Cleaning supplies



Pool & hobby supplies



Products containing mercury (thermostats, thermometers, and switches)\*\*

### \* What to do with leftover paint

Most latex paint can be dried out and placed in the trash. Bring all oil-based paint to HazoHouse, along with any latex paint manufactured in 1989 or earlier. Dry out latex paint manufactured after 1989 by leaving the top off to air dry or solidify by adding kitty litter to the can. These cans may then be placed in the garbage with the lid off.

\*\*See back for how to package.

### NO! Unacceptable materials

No empty or leaking containers, smoke detectors, fire extinguishers, medical waste, ammunition, flares, explosives, radioactive waste, alkaline batteries, or electronics. HazoHouse also does not accept empty aerosol cans – place the empties in the trash. (City of Olympia curbside recycling accepts aerosol cans.) See [www.WhereDoITakeMy.org](http://www.WhereDoITakeMy.org) for information on proper disposal of these items.

## Common Household Hazards

### *Chemical Spray Applicators*

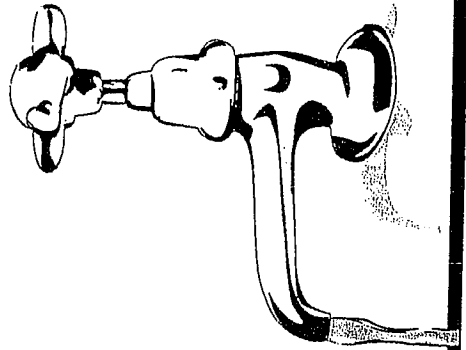
The chemicals used on your lawn and garden can be toxic or fatal if ingested. These chemicals include pesticides, herbicides, and fertilizers. Even strong cleaning chemicals sprayed on cars, house siding, etc., may cause health problems if ingested.

### *Submerged Hoses*

Water held in pools, ponds or other vats open to the air and exposed to humans or animals may contain microbiological contaminants. Hoses submerged in buckets or containers can act as a conduit for contaminants under backflow conditions.

### *Underground Lawn Irrigation Systems*

Underground irrigation systems often have puddles of standing water around the ground-level sprinkler heads. The sprinkler heads are not designed to be drip-tight under backflow conditions. The puddles of water may contain microbiological contaminants, such as excrement from animals or chemical residue from fertilizer and herbicides sprayed on the lawn.

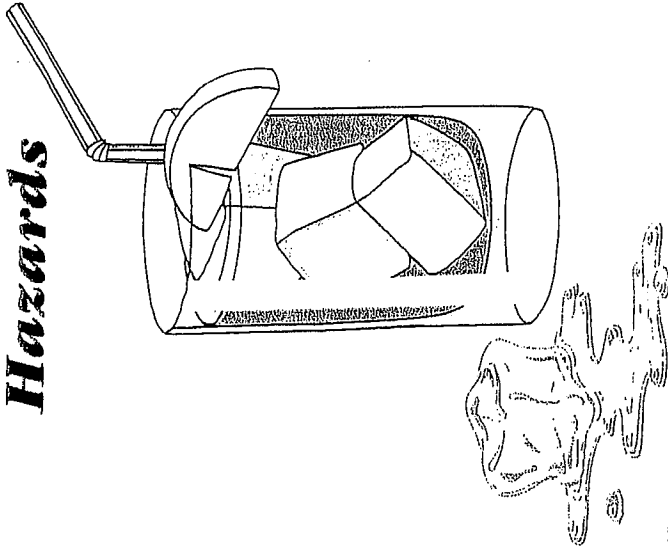


For further information contact your local water purveyor or the PNWS/AWWA Cross-Connection Control Committee through the PNWS office at (877) 767-2992 or on the web at [www.pnws-awwa.org](http://www.pnws-awwa.org)

© 2003 PNWS/AWWA (Brochure #4)

Help protect your  
Drinking Water  
from  
Contamination

## Household Hazards



American Water Works Association  
Pacific Northwest Section

## How Contamination Occurs

Water normally flows in one direction, from the public water system through the customer's cold or hot water plumbing to a sink tap or other plumbing fixture. The plumbing fixture is the end of the potable water system and the start of the waste disposal system.

Under certain conditions water can flow in the reverse direction. This is known as **backflow**.

Backflow occurs when a backsiphonage or backpressure condition is created in a water line.

**Backsiphonage** may occur due to a loss of pressure in the water distribution system during a high withdrawal of water for fire protection, a water main or plumbing system break, or a shutdown of a water main or plumbing system for repair. A reduction of pressure below atmospheric pressure creates a vacuum in the piping. If a hose bib was open and the hose was submerged in a wading pool during these conditions, the non-potable water in the pool would be siphoned into the house's plumbing and back into the public water system.

**Backpressure** may be created when a source of pressure, such as a pump, creates a pressure greater than that supplied from the distribution system. If a pump supplied from a non-potable source, such as a landscape pond, was accidentally connected to the plumbing system, the non-potable water could be pumped into the potable water supply.

## How to Prevent Contamination of Your Drinking Water

Protect your drinking water by taking the following precautions:

### **Don't:**

- ❑ Submerge hoses in buckets, pools, tubs, sinks, ponds, etc.
- ❑ Use spray attachments without a backflow prevention device.
- ❑ Connect waste pipes from water softeners or other treatment systems to the sewer, submerged drain pipe, etc.
- ❑ Use a hose to unplug blocked toilets, sewers, etc.

### **Do:**

- ✓ Keep the ends of hoses clear of all possible contaminants.
- ✓ If not already equipped with an integral (built-in) vacuum breaker, buy and install hose bib type vacuum breakers on all threaded faucets around your home. These devices are inexpensive and are available at hardware stores and home improvement centers.
- ✓ Install an approved backflow prevention assembly on all underground lawn irrigation systems. Remember, a plumbing permit is required for the connection of an underground lawn irrigation system to your plumbing system.

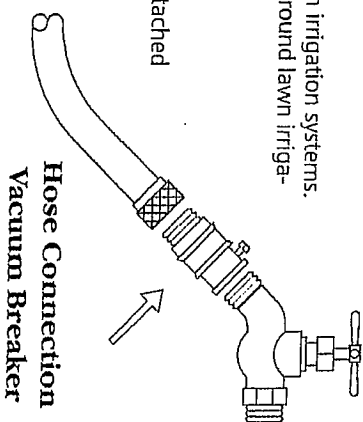
## Hose Connection Vacuum Breaker

Hose connection vacuum breakers are specifically made for portable hoses attached to threaded faucets. Their purpose is to prevent the flow of contaminated water back into the drinking water. These devices screw directly to the faucet outlet. They can be used on a wide variety of installations, such as service sinks, hose faucets near a wading pool, laundry tub faucets, etc.

Some units are designed for manual draining for freezing conditions.

Some are furnished with breakaway set screws as a tamper proof feature.

These devices are not intended for operation under continuous pressure.



## Protection of the Water Purveyor's Distribution System

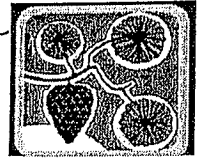
In general, the installation of plumbing in compliance with the plumbing code will provide adequate protection for your plumbing system from contamination.

However, the water purveyor may require (as a condition of service) the installation of a backflow prevention assembly on the water service to provide additional protection for the public water system. A backflow prevention assembly will normally be required where a single-family residence has special plumbing that increases the hazard above the normal level found in residential homes, or where a hazard survey cannot be completed.

To help determine if a backflow prevention assembly is required, the water purveyor may send residential customers a Cross Connection Control Survey Questionnaire. The water purveyor will evaluate the returned questionnaires to assess the risk of contamination to the public water system. Based on the results of the evaluation, the installation of backflow prevention assemblies may be required on services to some customers.



# Nisqually Pines Community Club Newsletter



www.nisquallypines.com

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