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Lakeview

by Janet Quillman, LTIA President

Ho-ho-ho, ha-ha-ha and a couple of fala-la's.....Christmas is over, we're not in Oz but where else would you rather be, Lake Tishomingo of course!

As always it was another wonderful holiday season at the lake that went by too quickly. We started things up with a Halloween party and everyone really got into the spirit of the night with fabulous and creative costumes. Ken and Carol Stojeba claimed first place in the best costume contest (see their picture on page 3). It was a difficult choice for the judges; there were so many great costumes. Be sure to check out the pictures on the website. It was a small group but we partied large.

In November our resident chef Rick Quillman roasted a couple of turkeys for a traditional Thanksgiving dinner and everyone brought sides and desert to share. LTIA elections are held at the November meeting... I know this may come as a surprise.... myself, Shelby and Julie were invited to remain in our current positions for another year. We really aren't attention hogs we would love to share the *continues on page 3*

				Calendar
Dec	31	Wed	8 pm	New Years Eve Party
Jan	11	Sun	5:30 pm	LTIA Dinner Meeting
Jan	13	Tue	7 pm	LTPOA Board Meeting
Jan	31	Sat	8 pm	Trivia Night
Feb	8	Sun	5:30 pm	LTIA Dinner Meeting
Feb	10	Tue	7 pm	LTPOA Board Meeting
Mar	8	Sun	5:30 pm	LTIA Dinner Meeting
Mar	10	Tue	7 pm	LTPOA Board Meeting
Mar	21	Sat	8 pm	Spring Fling Dance

Tishomingo Trivia Night Saturday, January 31

Doors open at 6:30pm Trivia starts at 7pm

\$10 per person, tables of 8

(Only have 6 or would like to join a table let us know.)

Winning Table Splits 25% of Paid Admission

Cheap Beer and Drinks will be available

Basket Raffles

For more info call

Julie at 636-274-1486 or Janet at 636-748-2030

LTIA 2015

Membership

Help to support the LTIA activities and maintain the Community House. Membership includes free classified ads, children's holiday parties, and discounted entry to LTIA sponsored fundraisers when applicable.

Please enclose your check for \$40 payable to "LTIA" and send to:

LTIA Treasurer 5698 Lake Tishomingo Rd Hillsboro MO 63050

	NAME
	ADDRESS
	PHONE
	EMAIL

Lake Tishomingo Property Owners Association

0 .	5				
LTPOA	President VP/Buildings Treasurer Secretary Maintenance Security Director	Steve Blaha John Johnston Marilyn Meyer Shelby Reneski Ken Stojeba Roy Hummel Doug Leeker	314-808-4757 636-274-1486 636-274-1812 314-920-5421 314-660-4101 314-761-6653 314-265-7827	rsblaha@yahoo.com jrjston@charter.net marilynImeyer@charter.net shelbyreneski@charter.net krstoj@aol.com royhummel@hotmail.com dougleeker@att.net	
	Committees Boat Patrol Dam Finance Stickers & Gate Cards Water Quality Test Website/Newsletter	Steve Blaha Clarue Holland Janet Hirsch Tom McMaster Clarue Holland Janet Hirsch	314-808-4757 314-623-5869 636-285-0813 314-540-2774 314-623-5869 636-285-0813	rsblaha@yahoo.com Clarue-Martin@att.net jhirsch@catenary.com Clarue-Martin@att.net jhirsch@catenary.com	
			mingo.com ays lead time	gate@laketish.com	
Lake Tishomingo Improv	omont Accordition				
LTIA	President Vice President Treasurer Secretary Ways and Means Maintenance	Janet Quillman Shelby Reneski Julie Johnston Sue Schweiss Renee Kittel Rick Quillman	636-748-2030 314-920-5421 636-274-1486 636-274-0584 636-285-0436 636-748-2030	janetquillman@gmail.com shelbyreneski@charter.net julie.johnston@charter.net sschweiss@slbfinc.com reneemorrison1976@yahoo.com djquill@charter.net	
Other Organizations PWSD#13 (Sewer Lakeside Gardeners		Marilyn Meyer Rich Hirsch	636-274-1812 636-285-0813	marilynlmeyer@charter.net rhirsch@catenary.com	
Classified Advertising Rates LTIA members, non-comme Non-LTIA members, each li Display Advertising Rates Business card \$ 10 per 1/4 page 15	sting \$5	Nev Beginr edition of The de	Website: www.laketishomingo.com Newsletter Electronic Edition Beginning in January 2015 there will be only the electronic edition of <i>Tishomingo News</i> . The decision to halt printing and mailing of the newsletter		
1/2 page25Full page50	1/2 page 25 150 Full page 50 300		was not made lightly, but for the following reasons:The effort required to produce 330 newsletters 6 times a		
Classi • Embroidered Lake Tishon	<i>ified Ads</i> ningo Sweatshirts. \$3	aro	r has become too o too few volunteers	difficult to sustain. Simply put, there s to continue.	
Gail Lents (636) 274-4245.The LTIA and LTPOA will save at least \$2400 annually by publishing only an electronic version.					

ming, Cabbage Parch, American Girl Doll and 18-inch doll clothes.(636) 287-4242.

The e-version of the newsletter is in full color.

- The current and all past newsletters back through January 2003 are available at the website.
- Most property owners now have access to email and the internet.

Please note: we are NOT stopping the production of the newsletter, we will just be publishing only the electronic version of the newsletter.

TO RECEIVE THE NEWSLETTER ELECTRONICALLY

If you currently receive the newsletter by email, you will continue to receive it.

If you do NOT currently receive the newsletter by email, send a note with your preferred email address to:

news@laketish.com



Lakeview, continued from page 1

emerald glow, just click your ruby slippers and you're in. If you can help for a day or help for a year you just have to be fun and we can always use more volunteers.

We would like to thank Renee Kittel and Sarah Julian for coordinating Christmas crafts and also Miss Tishomingo 2014 Barbie Bevard for assisting Santa Claus at the children's Christmas party.

Naturally it was all about Santa once he arrived and the presents were flying. We are so lucky that Santa can fit us into his busy schedule.

In the evening we held the annual chili cook-off and awarded the coveted "Chili Champ Apron." As always the chili was awesome and unique -- everything from traditional to smoked pork and smoked chicken varieties. It came down to a draw between Kevin Scheirich's traditional and Ryan Frank's smoked pork. Kevin won the draw and took home the 2014 apron designed



took home the 2014 apron designed by Gail Lents.



In appreciation to everyone who had paid their 2015 membership we raffled off the "Fabulous Prize Package". The lucky winners were Barb and Ron Rohm. Thank you to Matt & Susie Schweiss and John & Julie Johnston for donating the gifts provided in the package.

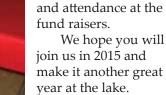
Checking our crystal ball we see trivia, parties, fire-

it.....everything is better with bacon! On behalf of the

On behalf of the LTIA board I would like to thank everyone for supporting us in 2014 through LTIA memberships, rentals, works and gambling in the months ahead. Our first event of the year will be Tishomingo Trivia on Saturday, January 31st. In March we are planning a dance for Saturday the 21st to welcome back spring. We don't have a date set for boat poker but already have two dock hosts signed up. It's never too early to start talking fireworks. We are always looking for the next Miss or Mr. Tishomingo. There is no age limit. All volunteers are welcome - the young and the not-so-young. Just contact any of the board members if you are interested in any or all of the above.

Our first meeting for the New Year will be on Sunday, January 11th. The LTIA will provide pasta with chicken, bring soup, salad, side or desert to share. The February meeting is on Sunday the 8th and it will be all about the "bacon." Bake it, wrap it, crumble it, salad it, smoke it, just bacon







Additional photos can be viewed at the website: www.laketishomingo.com Photo Gallery



I hope everyone had a Merry Christmas and is looking forward to a Happy New Year. As the snow flies while I am composing the LTPOA newsletter report for December it's time to reflect back on 2014.

First I would like to thank ALL the Board members on the various boards, LTPOA, LTPIA, Sewer, Dam and those of you who volunteer to help with projects all over this beautiful lake community.

Here are just a few things that Santa brought us at the Lake. As I go through this list of improvements and activities I am sure to have overlooked several, so please accept my apologies, it was not done on purpose.

The projects completed are randomly listed, so here goes.

- added additional guard rails to the south side creek bridge•
- installed a new light on the American flag at the entrance area
- replaced some of the old fence posts and installed all new rope from the sales office along the waterfront recreation area
- razed the "old" salt shed
- built a retaining wall on the north side of the new shed
- added a utility pole with a dusk to dawn light in the maintenance yard
- sealed the concrete floor of the new shed
- recommendations were made by the Rules & Regulations committee
- located, recorded, inspected & cleaned culverts that ran under the road
- hired a new security guard service for the summer
- watched a very impressive fireworks display
- refurbished the road on the back side of the dam leading to the sewer treatment plant



The crew working on the siphon startup. Kevin Scheirich, Rich Hirsch, John Johnston, Steve Blaha, Roy Hummel, not shown: Ken Stojeba.

- started the siphon for the inlet creek silt removal project
- improved the roads with the chip & seal, center line crack filling, and asphalt work
- large stones were placed to restrict traffic near the south side bridge
- painted white center lines in the bad curves
- upgraded our gate computer equipment
- installed state-of-the-art HD video camera at guard house
- maintained ongoing water quality testing
- GOT SALT (70tons)
- installed a sand box , steps & defined swim area were added at the lake front,
- built a new retaining wall under the pavilion by the community house
- performed sewer tank inspections
- gardens and plantings created and maintained around the sales office, gate area, mini park, community house & lake front
- the building of two new homes & numerous improvements to existing homes.

That my friends, is a busy year! The only way projects and activities such as these examples can be accomplished is by first having the financial assets, secondly having dedicated people volunteering on boards that work together,

> and most importantly having residents that are willing to help reach that common goal, which results in, A GREAT PLACE TO LIVE.

Thanks to you all, Steve Blaha

Lake Tishomingo Property Owners Association LTPOA Meeting Minutes November 11, 2014

Board Members Present: President Steve Blaha, Marilyn Meyer, John Johnston, Roy Hummel, Ken Stojeba, Doug Leeker and Shelby Reneski.

President Blaha called the meeting to order at 7:02p.m and thanked everyone who made it out in the cold weather this Veteran's Day. There were four people in attendance. He gave thanks to the veterans who were here and those who were not here. President Blaha asked for a moment of silence for all the heros that didn't make it back and then all recited the Pledge of Allegiance.

President's Report

President Blaha thanked everyone for taking care of their ditches by getting the leaves out to keep the water flowing.

Minutes

October 14, 2014: Since the meeting minutes are available online, President Blaha stated he would accept a motion to waive the reading of them. Marilyn made a motion to waive the reading and it was seconded by Ken. MOTION PASSED.

Treasurer's Report

Marilyn Meyer started her report by giving Ed Hill a big thank you for painting the lane lines on North Lakeshore drive. President Blaha stated it was the windiest day of the month when he helped Ed with this project.

Marilyn reported income of \$6,286.37. The cash inflow was a result of an insurance refund (\$209.09), gate cards (\$60.00), 2014-2015 assessments (\$6,000.81), closing (\$4.26) and interest (\$12.21).

The total cash outflow amounted to \$6,317.70. The major items were Wallen, grass cutting and culvert cleaning (\$1,615.00), Red Oak, dam mowing (\$1,150.00), Lakenan Insurance, insurance for Directors and Officers (\$1,895.00) and Missouri Employers Insurance, insurance for volunteers (\$929.00).

The checking account has a balance of \$95,980.20. The Millennium account has a balance of \$200,180.86.

Shelby made a motion to approve the report and it was seconded by Roy. MOTION PASSED.

Marilyn sought approval to pay bills totaling \$2,945.59, which included Advanced pest control for spaying of the sales office, the newsletter, a replacement piece for the gate bar, the portable toilet, a tarp to cover the salt, third quarter legal and the mail permit renewal. She also indicated we had already approved \$9,321 for the major insurance plan to Cincinnati Insurance, which she has not been billed for at this date.

Ken made a motion to approve the bills and it was seconded by Roy. MOTION PASSED.

Building

John Johnston reported that Jim Goodrum, lots G27 and 28, presented him with his upper wall building permit, which we accepted at last meeting. John made a motion to approve and it was seconded by Doug. MOTION PASSED.

John reported he had the Droege's site plan and presented it to the board for review.

John stated, that he reported on the Grempler's at the last meeting, lot O44. They are rebuilding a shed and because Mr. Grempler just had ankle surgery, he will not be working on the shed until March.

John reported that Pat Niemeyer, lot A35, is still working on her structure and is not completed at this time.

John reported that Ray Wood, lots B13 and 14, would like to install a boat lift beside his existing dock. John made a motion to approve the boat lift and it was seconded by Ken. MOTION PASSED.

Security

Roy Hummel reported they are trying to address the speeding and while painting the center lines on the north side, they were able to stop a few residents that were traveling a little too fast.

Roy stated he received a call from another resident informing him that someone was bottle fishing in a cove and Roy said he got the word out that this was against regulations and it was stopped.

Roy reported that someone must have pocket dialed 911 when they were out on the lake because the sheriff showed up. The sheriff is required to show up on all 911 calls, even if the call is from the middle of the lake.

Roy stated that someone dropped a pile of used baby diapers on the road and he cleaned them up.

Gate

Janet Hirsch reported that on October 23rd at 7:55am, the gate arm was broken by an over eager white panel truck with a loaded pipe rack on the left side of the roof. She stated we also have the plate number of the truck. Normally the gate arm is knocked off but this time it was broken because it got hung up between the body of the truck and the pipe rack. Rich Hirsch took a look at the surveillance video and he said it looked like the driver was just careless and the monetary loss to the lake was minimal.

Janet reported that the new video camera equipment is scheduled to be installed in December.

Janet also stated that Carol Stojeba is now handling a lot of entry codes and directory requests.

Maintenance

Ken Stojeba asked if we wanted to buy any more salt and he stated there wasn't really any more room in the shed. John informed us we have twice as much salt this year as we had last year. Ken suggested mixing it with cinders.

John Johnston suggested taking the truck out to make sure it was charged.

LTIA Representative

Shelby Reneski reported that the Thanksgiving dinner meeting had a good turn out of residents.

The next event is the kids Christmas party at 1:30pm, Santa's visit at 3:00pm and the chili cook off dinner meeting at 5:30pm on December 14th.

Finance

Janet Hirsch reported no new business.

Website

Janet Hirsch reported the November/December newsletter was emailed on October 24th and the final printed version was postal mailed November 10th. She stated they would continue to create the newsletter and deliver it electronically by email. If you did not receive the email version, make sure you request it by sending an email to news@laketish.com. The deadline for the next newsletter is December 20th.

Sewer

Janet Hirsch reported the home tank inspections are completed. Inspection of 239 home tanks included cleaning the pump filters and measuring sludge and scum levels. There are seven tanks that may need to be pumped due to excessive sludge or scum. These tanks will be re-measured and pumped if needed.

Janet reported that the sewer main line cleanouts protection is near completion. A program to protect sewer main line cleanouts located in high risk locations is almost complete. Ten

LTPOA Minutes continued from page 9

out of twelve cleanouts have been protected by lowering the top of the cleanout and forming a concrete collar around the cleanout. There are a total of 59 main line cleanouts.

Janet also reported, as a matter of information, an operating permit was issued for the "Fisher Commercial Area WWTF" (Quick Stop). It's a lagoon and they expect to have a flow of 1000 gallons a day and that flow will go into our lake.

Dam

Clarue Holland was not present at the meeting. In her written report, she explains she has completed the Emergency Action Plan revision and has provided the notebooks and pages for the board members.

She also wrote that the dam had been cut for the last time this vear in October.

Clarue also indicated she talked to another trapper regarding the ground hog. His method uses a "bomb" to cause the animal to fall into a sleep while in it's burrow. The cost would be \$130-\$140.

John made a motion to approve the hiring of a new trapper and it was seconded by Ken. MOTION PASSED.

Parents Club and Garden Club

No report on either issue.

Water Testing

No report provided.

Old Business

President Blaha reported that we have sent in a contract for Bill McLaren for the silt removal and he is ready when we are ready. We need to lower the lake so he can get his equipment in to remove the silt. Steve said he spoke with Rich Hirsch and he suggested lowering the lake 36 inches below full pool level. Right now we are about 11 inches below full pool level, so we would need to lower the pool another 25 inches. It was decided to start the siphon within the next few weeks.

Janet Hirsch reported that we needed to check the integrity of the pipes before starting the siphon. If the pipes come apart during the siphon, it could seriously damage the back of the dam. President Blaha said that we would do an inspection of the pipes prior to starting the siphon.

New Business

President Blaha reported that there was no new business. There being no further business to discuss, President Blaha made a motion to adjourn and it was seconded by Ken. The meeting was adjourned at 7:35.

Shelby Reneski Secretary





Specialities include lake properties





Dock Rental Accessories Portable Grane **Barge Service Commercial Docks**



5416 N. Cotton Hill Rd., Springfield, IL 62703

Jeffery L. Smith Phone (217) 241-1976 Cell (217) 341-1730

HEWITT BOAT LIFTS & DOCKS EZ DOCK PWC LIFTS

jeff@jlsmarine.com www.jlsmarine.com www.theboatshowinspringfield.com

LTPOA Meeting Minutes December 9, 2014

Board Members Present: President Steve Blaha, Marilyn Meyer, John Johnston, Roy Hummel, Ken Stojeba, and Doug Leeker.

President Blaha called the meeting to order at 7:02p.m. He asked for a moment of silence for the passing of resident Betty Struckman. There were 5 people in attendance and all recited the Pledge of Allegiance.

President's Report

President Blaha reported that the siphon had been started, however the rain has affected the level. The bulletin board at the entrance documents the levels.

President Blaha made reference to the Christmas decorations at the entrance and said thank you to the person responsible for placing them. He also thanked everyone for cleaning their ditches and culverts.

President Blaha also reported that we sent out some letters a couple months ago to residents we thought that needed to tidy up around their property and he said he has noticed that several of the vehicles had been removed as well as hot tubs and other stuff. He indicated that the letters worked, but we did not get 100% participation. He stated that we will be vigilant in proceeding in getting it closer to 100%.

Minutes

November 11, 2014 meeting: Since the meeting minutes are available online, President Blaha stated he would accept a motion to waive the reading of them. Marilyn made a motion to waive the reading and it was seconded by Roy. MOTION PASSED.

Treasurer's Report

Marilyn Meyer reported income of \$10.06 from interest.

Marilyn reported outflow to Mooney Landscape for culvert and road repairs (\$3175.00), the November/December newsletter (\$245.55), replacement part for the gate bar (\$11.95), the portable toilet (\$90), Advance Pest Control for spraying the sales office twice a year (\$30.00) and the postal permit renewal (\$220.00). Additional outflow came from third quarter legal (\$2,313.36), Cincinnati Insurance for our commercial package (\$9,321.00), Charter for the gate phone (\$106.85), Red Oak Landscaping for mowing the dam (\$1,302.00), recording of deed (\$24.50) and utilities (\$94.32). The total outflow for the month was \$16,934.53.

The checking account has a balance of \$79,055.73. The Millennium account has a balance of \$200,257.64.

Ken made a motion to approve the report and it was seconded by John. MOTION PASSED.

Marilyn sought approval to pay bills, which included a charge for a monitor and keyboard (\$144.88), the portable toilet (\$90.00), returned postage on a few newsletters (\$5.72), 1 ½ hours of snow plowing (\$45.00), the accountant for the IRS tax form (\$200.00) and supplies to grease the snowplow (\$27.71). The total of the bills for approval came to \$513.31.

Ken made a motion to approve the bills and it was seconded by Doug. MOTION PASSED.

Marilyn reported that the county taxes have all been paid (\$1,452.60) and our IRS form should be completed next week and mailed.

Building

John Johnston reported he had a two building permits from Dan and Tammy Stankey, lot F36. The first is they want to replace the existing broken concrete pad and patio along the existing seawall. The second is to replace the existing 8' by 16' dock with one of the same size. John made motion to approve both permits and it was seconded by Ken. MOTION PASSED. John reported that Bret and Julie Breer had purchased the Hirth property, lots K13, 14, 15 and 16 and Mr. Breer was under the assumption that his four lots total 40,000 square feet. He and his wife want to build on these lots. John said he informed Mr. Breer that he needed to make sure that the lots total 40,000 square feet. Janet Hirsch informed John that the plots and area could be viewed at www.semogis.com.

Security

Roy Hummel reported no new business.

Gate

Rich Hirsch reported that Will Electronics would be installing the new camera Friday.

Maintenance

Ken Stojeba reported no new business.

John Johnston reported that while Ken was out of town, he prepped the truck and connected the plow.

LTIA Representative

John Johnston reported that the chili cook off is scheduled for December 14th and Rick Quillman is the person to beat! Marilyn also mentioned the can food drive is December 14th.

Finance

Janet Hirsch reported no new business.

Website/Newsletter

Janet Hirsch reported that the deadline for the next newsletter is December 20th.

Parents Club and Garden Club

No report on either issue.

Sewer

Rich Hirsch reported that on December 3rd there was a sewer leak at 6064 N. Lakeshore Dr., due to a broken cleanout. Rich reported the leak has been repaired. It was undetermined on what caused the break.

Rich reported that the road to the treatment plant had not been repaired yet, but Red Oak indicated they would be repairing the road before Christmas.

Old Business

President Blaha reported no old business to discuss.

New Business

Cheryl Miller asked if the boat ramp was going to be repaired. There is a ditch at the end of the concrete ramp and it is difficult to move boat trailers in and out of the water when the water level is lower in the summer. President Blaha indicated he would look into issue.

President Blaha reported that he had received an email from Steve Williams at 5722 N. Lakeshore Dr., lot O18, stating there is a section of seawall in front of his house that is in bad shape and he was unsure if it was something the lake maintains or not. President Blaha reported that the seawall needing repair was the homeowner's responsibility and he would contact Mr. Williams to inform him.

With there being no other new business President Blaha thanked everyone for coming out tonight. Roy made a motion to adjourn and it was seconded by Marilyn at 7:30 pm.

Shelby Reneski Secretary



Lake Tishomingo Property Owners Association

October 31, 2014 Financial Report

November 30, 2014 Financial Report

Cash Inflow		Cash Inflow	
Insurance Refund	209.09	Interest	10.06
Gate Cards	60.00		
Assessments 2014-2015	6,000.81		
Closing	4.26		
Interest	12.21		
Total Cash Inflow	6,286.37	Total Cash Inflow	10.06
Cash Outflow		Cash Outflow	
Trapper Fee	150.00	Mooney Landscape, Culver, Road Repairs	3,175.00
Wallen, Grass Cutting, Clean Culverts	1,615.00	Newsletter Nov./Dec.	245.55
Red Oak, Mow Dam	1,150.00	Replace Gate Bar	11.95
Mickey K's Portable Toilet	90.00	Mickey K's Portable Toilet	90.00
LTIA Propane and Garbage Can	249.25	Advanced Pest Control Spray Sales Office	30.00
Mahoney, Property Owner's Booklets	33.59	Postmaster Renew Postal Permit	220.00
Lakenan Insurance, Directors and Officers	1,895.00	Legal Third Quarter	2,313.36
Mo. Employers Insurance, Inc.	929.00	Cincinnati Insurance Co Commercial Package	9,321.00
Charter Business Phone Gate	106.85	Charter Business Phone Gate	106.85
Utilities	99.01	Red Oak Landscaping Mow Dam, Remove Brush	1,302.00
		Recorder of Deeds Lien Against Property	24.50
Total Cash Outflow	6,317.70	Utilities	94.32
		Total Cash Outflow	16,934.53
Checking Account Balance	95,980.20	Checking Account Balance	79,055.73
Millennium Account Balance	200,180.86	Millennium Account Balance	200,257.64

Lake Foam

by Tony Thorpe, Lakes of Missouri Volunteer Program

When looking out on a lake or stream, sometimes we can see a brown, funky "foam" in eddies or at a lake's edge. The sight of this foam immediately makes one think of soaps, detergents and pollution in general. These associations understandably lead us to assume that some manner of human-induced pollution is responsible. While it is possible that humans are to blame for the foam you see, it is more than likely just a natural phenomenon.

A quick test is to smell the foam. If it has a nice floral or perfume-y smell, it is most likely a detergent. If the foam smells fishy or "earthy," it's probably natural. Also, natural foam tends to be darker in color than the foam of detergents, though natural foam can be light in color. By law, the sudsing agent of detergents produced today must be biodegradable, meaning that the foam will be short lived if the detergent gets into a water body. This is in contrast to the late 50s and early 60s, when foam caused by detergents was a big problem.

Here's the nitty-gritty on foam formation. Water molecules want to cling to each other. At the surface, however, there are fewer water molecules to cling to since there is air above (thus, no water molecules). This results in a stronger



bond between those molecules that actually do come in contact with one another, and a "film" of strongly bonded water (see diagram). This surface film (held together by surface tension) creates a considerable barrier between the atmosphere and the water. In fact, other than mercury, water has the greatest surface tension of any liquid. If the surface tension is reduced, bubbles

are more likely to be formed due to the water's reduced ability to "regroup" after agitation. The greater the surface tension, the easier it is for water to pull itself together and force out trapped air.

Molecular Bonds

The surface tension of water varies depending upon the dissolved materials in the water and the temperature. Organic compounds from decomposing plant or animal matter or from actively photosynthesizing plants can reduce the surface tension of lake or stream water. Both detergent and heat reduce water's surface tension, allowing the water to enter smaller pores and fissures. That process is great for forcing dirt out of your clothes. Hard water increases Public Water Supply District #13



President Vice President Secretary Director Director Office

Marilyn Meyer	274-1812
Rick Lippitt	274-5034
Rich Hirsch	285-0813
Ken Jost	274-0453
Larry Schmidt	285-9664
voice mail	285-1778

Jan/Feb 2015

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Website

http://www.laketishomingo.com/pwsd13

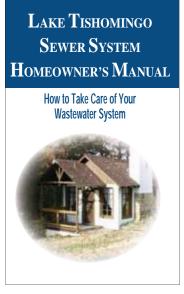
Lake Tishomingo Community Sewer Report

by Richard Hirsch

Inspection of the STEP tanks was completed in November. The operators visited every home to clean the filters and inspect the tanks.

So far, two tanks have been pumped due to excessive grease. A few tanks have been identified as requiring reinspection to determine if they should be pumped.

The program to protect 12 cleanouts located in high risk locations began in mid October and was completed in early December. The top of each cleanout was lowered and protected with a concrete collar. There are a total of 59 main line cleanouts.



Missouri One-Call

The District is a part of the Missouri One-Call System. (The system was formerly known as "Dig Rite.") Missouri law requires that any person making or beginning any excavation notify MOCS at least three but not more than ten working days in advance, except in the case of an emergency.

Placing a locate request is free and easy! Call 1-800-DIG-RITE (800-344-7483) or 811 or place your request online at http://www.mo1call.com.

Before you start any excavation project at your Lake Tish residence you must notify Missouri One Call and have the sewer lines marked if near your excavation site.

Homeowner's Manual

Download the *Lake Tishomingo Sewer System Homeowner's Manual.* and the *Billing & Payments Options* brochure from the website:

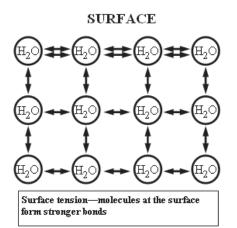
www.laketishomingo.com/pwsd13



Lake Foam continued from page 8

surface tension. Water softeners reverse this effect, reduce the surface tension and ultimately give cleaner clothes and sudsier baths.

On lakes, in bathtubs and in mugs of beer, the cause for foam is the same. Agitation at the surface causes air to get under the surface film of the water. Weakened surface tension is unable to force the air out, but rather keeps water wrapped around a volume of air, creating a bubble. If this happens for long enough, foam is created. On lakes, the



agitation is usually due to wind, and the resulting foam will collect on the downwind side of the lake. In streams you will see the foam in eddies or floating downstream, and it is created by the flow of the water disturbing the surface film.

Public Water Supply District #13

5706 N Lakeshore Dr PO Box 483 Hillsboro MO 63050 www.laketishomingo.com/pwsd13 pwsd13@charter.net (636) 285-1778 voice mail

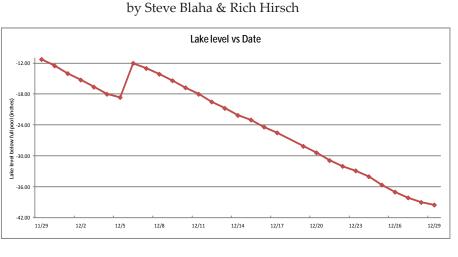
System Operator David Axton In Case of Sewer Emergency Operator Office (636) 257-3976 Cell Phone (309) 945-2814

Cell Phone (636) 667-0103

Siphon Operation to Lower Lake Level for Silt Removal

Saturday, November 29 2014 the work party assembled promptly at 8am near the siphon pipe at the dam.

The crew was Rich Hirsch, Ken Stojeba, John Johnston, Roy Hummel, Kevin Scheirich, Steve Blaha & Gizmo. The lower end of the pipe was blocked with a test ball and filling of the entire pipe began at 8:13 am.



There is still a small vacuum leak in the pipe on the back of the dam at the repair site. There were several other issues that will have to be addressed before the next siphon startup. • Slight

kinks in the fire hose that added to a reduced amount

About 30 minutes into the filling the water had reached the Smith-Blair repair clamp on the back side of the dam. The pipe began to leak at that point. The pump was shut down to repair this area and re-clamped.

The filling continued and the pipe was filled. The cap with vacuum breaker valve was reinstalled on the top of the siphon and the test ball was released at 9:13 am. Successful release of the ball started the siphon action.

The siphon action brought the lake level down by about 1.25 inches per day. The attached graph shows the progress, and also the effect of a very heavy rainfall in early December.

The siphon was shut down December 28 when the lake level reached 39 inches below full pool.

December 29 McLaren Contracting began work removing silt and rebuilding the check dams at the creek inlet. of flow.

• Gasket on repair clamp is damaged.

Items to add or change the siphon:

• Add a concrete base under the "T" area where rotted wood and metal frame is located

• Add a longer piece of pipe at the current patch coupling site, and add a second Smith-Blair patch coupling.

• Add a saddle fitting with a 2-inch 90-degree ball valve and female fire hose fitting, downstream of the vertical "T" to facilitate connecting the fire hose directly and thus removing all kinks, increasing flow and shortening fill time.

Thanks for all the help and working together as a team. With these few upgrades we will be able to reduce the time and effort necessary to start the siphon for our next scheduled draw down, fall 2016.

