



President	Diane Giangrande
Vice President	Jerry Johnson
Secretary	Ken Jett
Treasurer	Ron Scott
Equipment Manager	Gary Elmore
Membership Chair	Melanie Onushko
Auction Chair	Gary Elmore
KOI Show Chair	Jerry Johnson, Diane Giangrande
Pond Tour Chair	Melanie Onushko
Public Relations	Cheryl and Karoy Jacobs
AKCA Director	Gary Elmore
Volunteer Coordinator	Ken Jett
Editor	Bob Chaffer
Webmaster	Michael Anderson

---

**May, 2017**

## **By the Pond**

by Diane Giangrande

Hi All,

It's been a busy month since we last met. First was the auction and, although we don't have final numbers yet, it was a huge success. We would not have had the success we did without everyone who volunteered – I think it was the best year yet as far as volunteers go so thank you to all who helped. A special thank you goes to Gary Elmore as the Auction Chair. Without his tireless work, we could not have pulled it off.

A very quick 2 weeks later was the Pond Tour. The weather was perfect and the ponds were beautiful - a good time was had by both owners and visitors. Thanks to all who volunteered to help and thank you to our Pond Tour Chair – Melanie Onushko for her hard work and putting on another successful tour.

I am going to close out with a refresher on internet etiquette – specifically as it pertains to the Atlanta Koi Club Facebook page. We currently have 415 members on the page which clearly means that not everyone is a member of the club. A lot of the new people we are getting are either new to the hobby and/or new to the area. These are people that we would love to join the club so they can learn about their wet pets. The key word in that last sentence is “learn”. Please remember that using all CAPS in a post or portion of a post is considered yelling. And more importantly, please remember that they are new and going on and on about what they are doing wrong is not helpful. It just scares people away. Instead of yelling and criticizing please just encourage the individual to join the club so they can learn. One major problem with all electronic communication (email, social media, etc.) is that it is very difficult to accurately convey the tone you are trying to achieve and it is very easy for something to be misunderstood and taken the wrong way. There is no personal interaction to get a read on what the person thinks – are they confused, etc. Please be mindful of this when answering questions. Would you yell at someone at a meeting for doing something wrong? No? Then why yell at them online? Think before you type!

I hope everyone enjoys their Mother's Day - see you at the May meeting at the Chaffer's.

Thanks,  
Diane

**Secretarial Note:** No monthly meeting occurred in April because of the auction. ~Ken Jett

Psst! I've got a secret!!! Be on the lookout for the May/June copy of KOI USA magazine... just sayin'.

### **Skill Building Opportunity!!!**

Are you a smooth talker? Do you have a magnetic personality? Are you able to rebound from rejection and focus on the wins? Have you worked in sales or ever purchased a car?

We may be able to use those skills or help you to hone them. We are in desperate need of committee members to help in soliciting donations for our annual koi show. Minutes a day, hours a week, or a chunk of time on a weekend... we can use them all!

We have a list of donors to begin with and are always broadening the list through cold calling, email contact, and follow up. There is a bit of training so that you are well versed in the process. There will be lots of emailing, completing online forms, and phone contact.

Maintaining a master list of donors during the process gives us a snapshot of which donations to expect and required follow-up while providing a springboard for next year's big ask. I've found that many donors are happy to talk about their products and some are ecstatic to support the community through a donation of their products.

Please contact Ken Jett to become a part of this fun team! Email him at [kenjettmiami@gmail.com](mailto:kenjettmiami@gmail.com)

### **Free Aquarium Fish**

Two clown loaches started in tank with koi are now approx. 2-3 inches and need a home since the koi are going in the pond. Healthy with good color.

Free to good home. Call Tom at 404/272-7548

### **How the Club helps our community**

By Melanie Onushko

The Atlanta Koi Club was contacted by a Georgia Tech student who is doing a project on, "frenzied fish feeding behavior." Harvey Sisken has agreed to help her. He has a large, open pond where she can study and film their swimming patterns, and track their behavior. We'll share some great underwater videos when we receive them.

**Please remember our Sponsors:  
Pondscapes of Atlanta and The Koi Store**



## Meetings and Information

by Jerry Johnson

It's been a busy few weeks with the Koi Auction and Pond Tour, but I'd like to give everyone notice about the next upcoming meetings. Under a separate email I will be sending out address information for the host locations.

Our May Meeting will be held **Sunday, May 21st** at the home of Bob and Sue Chaffer. This is later in the month than usual but we have to dodge Mother's Day and Memorial Day. The Executive Meeting will begin at 1:00 PM with the General Meeting starting at 2:00 PM. Ken Jett will be leading a discussion on the tremendous information available to us through K.O.I. (Koi Organisation International) and also a discussion on Koi Nutrition. I know from past surveys that as a club we are all over the place with the foods we use, but Ken is going to tell us what we should be looking for when purchasing food for our koi. Our Membership Chairperson, Melanie Onushko, will also be talking about a Mentor Program we are implementing for our newer club members.

The June Meeting will be held Saturday, June 10th at the home of Jim Dricker and Elaine Zitomer. This is the time of year we shift from Sunday afternoon to Saturday night due to the heat, so the Executive Meeting will begin at 5:00 PM with the General Meeting starting at 6:00 PM. Ken Jett will lead a discussion on Water Quality and Water Management.

Our Summer Social will be held on Saturday, July 15th at the home of Diane Giangrande. The Executive Committee Meeting will begin at 5:00 PM and the Summer Social will begin at 6:00 PM.

Again, more information will be sent to you via email as these events get closer.

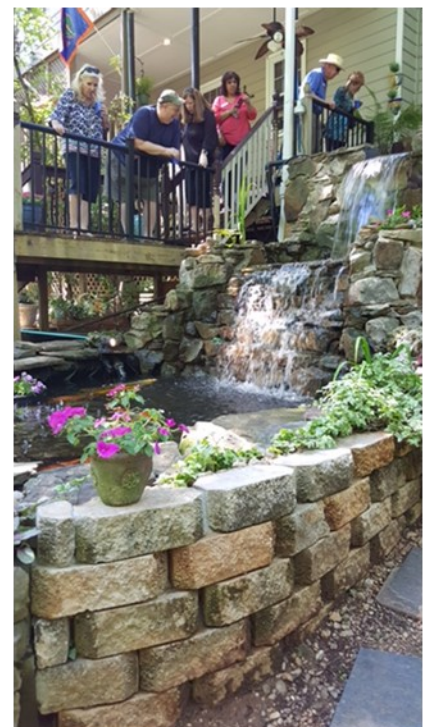
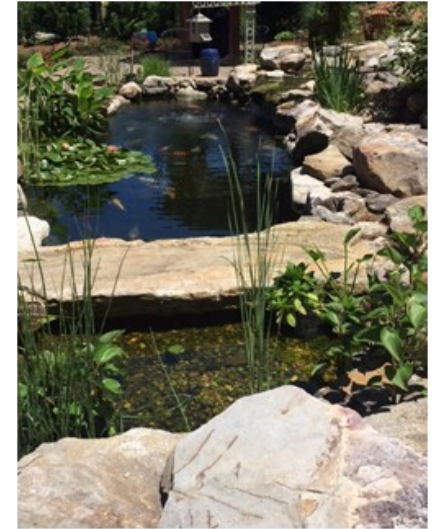
Also, The Koi Store is expecting a shipment of fish from Japan any day now. Carl and Vicki have over 2,400 fish coming in from various Japanese breeders. Once the fish arrive we will know when they will be out of quarantine and can set up a date where club members can go out to The Koi Store to purchase these new arrivals. The Koi Store will also be doing a Koi Growout again this year in time for our Atlanta Koi and Goldfish Show at the end of September. More information will be forthcoming as details are finalized. This is not an official meeting, but rather a day set aside where those in the club that would like to purchase fish can do so.

See you on May 21st at the Chaffers (They have a working fractoinator!!!).

Jerry Johnson



POND TOUR 2017...Johnson, Nicholson, Waters, Horton, Mason, McCormick, Hansen, Cope, Sisken  
Gorgeous day, gorgeous ponds and landscaping. Lots of newcomers, lots of excitement. Thank you all!





## **Auction Recap, etc.**

### **From Gary Elmore:**

Once again we set the tone (and the finances) for the up coming year with a very successful auction. It takes a tremendous amount of work to do this. I want to thank ALL the volunteers that stepped up and made this happen. The Atlanta Koi Club really comes thru when it counts.

Again thanks for making this a great event.

### **From Ken Jett:**

Thank you, thank you, thank you! We had a stellar staff of volunteers for the auction. It appeared that we had good coverage – the best I’ve seen in the 3 years that I’ve been a member!

With this being my first event as volunteer coordinator, I was proud to see the happy faces and fun that you seemed to be having. I was really excited to have extra members who showed up to lend a hand, along with some who were scheduled and asking for more work.

Spending time with some new members provided a chance for us to get to know each other better while making a slew of money to help fund the annual show. Congrats to Marlon for winning that nice doitsu lemon hariwake that the Elmore’s so graciously donated for the volunteer drawing.

Please know that each one of you was so valuable in this auction process and we could not have been so successful without your help. Thanks for giving back to the club by donating your time and efforts.

As with any process, I know that there can be improvements. Please provide me with any of your feedback that you think will help us in staffing the auction next year.

Feedback that I’ve already received:

- The addition of an extra bagger this year helped immensely and adding another next year would effectively create two teams of two that would allow for more efficiency.
  - Having a volunteer close to the bidding tank helped in relaying correct bag marking information (Gary didn’t end up losing one of his fish this year like he did during the last two years – psst... Chase wasn’t there – I’m just sayin’).
  - After the event, I learned that we should’ve had a couple more people in the bagged fish area / fish check out area. Cheryl and Steve seemed to get a Crossfit-type work out – Cheryl was even loading them in cars! Talk about service!!! I’ll try to improve communications so that those asking for jobs get where they need to be.
- Thanks again for your hard work and devotion to the club!

Shortly, I will be putting together the volunteer list for the annual show. If you want dibs on positions, please get with me early – the good news: no heavy lifting of bagged fish unless they’re yours. I’m also trying to put together a donation committee to solicit raffle and auction items, contact me directly to be involved because I cannot and will not be able to do this alone – we could even use someone to actually lead or co-lead this effort.

Kudos for all the success this past weekend it belongs to all of you!

### **From Diane Giangrande:**

I am very impressed with the number of volunteers we had this year - thank you so much to everyone who helped. This is the major fund raiser for the club and we can't do this without a ton help and you all really stepped up!

I want to thank Gary for being the Auction Chair, there is a lot of work that goes in to organizing an event of this size, and Ken for doing an amazing job at getting people to sign up and work.

Thanks to Bill and Lynn Dowden for the use of their space and for providing labor for the heavy portion of the tear down.

Thanks again to everyone!!

## **POND TOUR 2017**

by Melanie Onushko

We had a beautiful day both Saturday and Sunday. I worked at Harvey Sisken's pond, along with Nancy Hamman. It is so nice to talk with people who are so excited about their new ponds and learning as much as they can to keep their fish healthy and happy.

On Sunday, the volunteers and owners took the pond tour. The ponds were all beautiful, so I'm going to tell you about some of the tour bonuses. Huge turtles at Harvey's! They have their own personal pond guarded by a large metal mermaid. Meredith's amazing artwork. She had the koi paintings hanging from the fences in the backyard and throughout the house. Her artwork was just selected by the Oil Painters of America to be 1 of 240 paintings at the OPA National Show. Quite an honor, and quite a painting. [www.meredithcope.com](http://www.meredithcope.com)



Butch and Margaret have tamed a stream that meanders throughout the property, past Butch's Outhouse, the clever "Blue tree" that is under medical care and numerous surprises around each corner. Michelle and Darren along with Dave and Gyna volunteered here and met many new people and encouraged them to join. Will McCormick (new, old member) has a beautiful flower field that accents his pond which is in full sun and is loaded with bright, colorful flowers. Gina's new pond with water Lilly's both miniature and peach, along with her beautiful Bonsai table. I'm stealing that idea J Laurel and Dana's complete outdoor room with fire-pit, pool, waterfall, the works. They also have the prettiest automatic koi feeder I've ever seen. Randy's new ponds, just completed with the seasons prettiest plants. Joy and Dale were prepared with Banana Daiquiri's that were to die for. Their yard is a beautiful example of what you can do with a steep lot. They terraced it and put ponds and patios on each level. The final yard is Jerry's, full of color and his water is crystal clear to show off all the beautiful koi. Diane and Jerry's sister were the volunteers here. Gary Montalto was the other volunteer who spent numerous hours helping proofread the book and make it flow. We ended the day at Jerry's with a celebration for a successful tour. Barbeque sliders and beer. What better way to cap off a wonderful weekend!

## **Membership**

We have picked up 11 new members in the past month. Please introduce yourselves at meetings and help them with whatever they may need. I'd like to introduce:

Emily & Pete Alexander  
Jamie Anderson  
Riley Bacak  
Kyle Barry  
Myra Jones  
Suzanne Lya  
Rick & Jennie Pettigrew  
Kevin Shelnutt  
Alison Zavodny

We are going to start a mentoring program to help assimilate new members into the club and make them feel comfortable. You may be called upon to team up with one of the new members. We just ask that you give them a call and introduce yourself, remind them of the next meeting, and see if there are any questions you can answer. Maybe even visit their pond, and have them visit yours. Thanks for your help with making our club a fun, comfortable place for all.  
Melanie

# FULTON COUNTY POND DECHLORINATION

## Chlorine Levels Public Water Supply

The amount of chlorine routinely used by Fulton County can be found in the *Annual Drinking Water Quality Reports* from the Fulton County Government. The reports can be found at <http://www.fultoncountyga.gov/fcwr-drinking-water/fcwr-drinking-water-quality-reports>. The latest report is for 2015. It indicates that the maximum allow level of chlorine is 4 parts per million (ppm) and the highest detected level was 1.38ppm.

Submitted by: Michael Anderson

The results of our monitoring in 2014 are shown in this table. The most important information contained in this report is that Fulton County's drinking water is safe, as we continue to meet or exceed state and federal regulations. The substances detected by our monitoring and reported to you in this table pose no known health risk at these levels.

- 90th Percentile:** Calculation that determines compliance with the regulation for copper and lead. If this number is less than the action level then the system is compliant.
- Action Level:** The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.
- Exemptions:** A State or EPA permission not to meet an MCL or a treatment technique under certain conditions.
- Maximum Contaminant Level (MCL):** The highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.
- Maximum Contaminant Level Goal (MCLG):** The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.
- Maximum Residual Disinfectant Level (MRDL):** The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbiological contaminants.
- Maximum Residual Disinfectant Level Goal (MRDLG):** The level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.
- NTU (Nephelometric Turbidity Unit):** The unit used to express a measurement of turbidity.
- Parts per billion (ppb):** One part per billion is the same as one penny in 10 million dollars.
- Parts per million (ppm):** One part per million is the same as one penny in 10 thousand dollars.
- TT (Treatment Technique):** A required process intended to reduce the level of a contaminant in drinking water.
- Turbidity:** Measurement of the cloudiness of the water. A good indicator of water quality and effectiveness of disinfectants.

Water Quality Monitoring Results (Testing Period: January 1, 2014 - December 31, 2014)						
EPA Regulated Substances or Contaminants Monitored in the Water Plant						
Substance (units)	Maximum Residual Disinfectant Level (MRDL)	Maximum Residual Disinfectant Level Goal (MRDLG)	Highest Amount Detected	Range Detected (lowest to highest)	Does Water meet EPA standard?	Typical Source
Fluoride (ppm)	4	4	0.71	0.68 - 0.71	YES	Erosion of natural deposits; Water additive which promotes strong teeth
Nitrate (ppm) (measured as Nitrate-Nitrite)	10	10	0.49	N/A	YES	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits
Substance (units)	EPA Highest Level Allowed (MCL)	Treatment Technique (TT)	Amount Detected	Range Detected (lowest to highest)	Does Water meet EPA standard?	Typical Source
Total Organic Carbon (TOC) (ratio)	TT	TT = ≥ 1	1.10	1.00 - 1.10	YES	Naturally present in the environment
	TT	TT = 1	0.09	N/A	YES	Soil runoff
Turbidity (NTU)	N/A	TT = % samples less than 0.3 NTU	100% (lowest monthly percentage)	N/A	YES	Soil runoff
EPA Regulated Substances or Contaminants Monitored in the Distribution System						
Substance (units)	Maximum Residual Disinfectant Level (MRDL)	Maximum Residual Disinfectant Level Goal (MRDLG)	Highest Amount Detected	Range Detected (lowest to highest)	Does Water meet EPA standard?	Typical Source
Chlorine (ppm)	4	4	1.38	0.27-1.38	YES	Water additive used to control microbes
Substance (units)	Action Level (AL) or MCL (90% of the samples collected must be at or below the AL)	Maximum Contaminant Level Goal (MCLG)	90th percentile (90% of samples taken were below this amount)	# of samples above action level (AL) (No more than 5 samples above AL allowed)	Does Water meet EPA standard?	Typical Source
Copper (ppb) (collected in June 2012)	1300	1300	170	0 out 50 samples taken	YES	Corrosion of household plumbing systems; Erosion of natural deposits
Lead (ppb) (collected in June 2012)	15	0	2.5	0 out 50 samples taken	YES	Corrosion of household plumbing systems; Erosion of natural deposits
Substance (units)	Maximum Contaminant Level (MCL)	Maximum Contaminant Level Goal (MCLG)	Highest of Positive Samples Reported	% of Positive Samples in the Total Number of Samples Collected	Does Water meet EPA standard?	Typical Source
Total Coliform (% positive samples in total # of samples collected per month)	5% monthly samples are positive	0	1	0.7	YES	Naturally present in the environment
Fecal Coliform or E. coli bacteria (# of positive samples)	0	0	0	N/A	YES	Human or animal fecal waste
Substance (units)	Maximum Contaminant Level (MCL)	Maximum Contaminant Level Goal (MCLG)	Highest Level Detected Average	Range Detected (lowest to highest)	Does Water meet EPA standard?	Typical Source
Haloacetic Acid HAAS (ppb)	60	N/A	27.3	19.2 - 39.0	YES	By-product of drinking water chlorination
Trihalomethane TTHM (ppb)	80	N/A	45.5	19.7 - 55.4	YES	By-product of drinking water chlorination
*Stage 2 Monitoring for TTHM/HAAS began May 2012. Data is based on locational running averages. Waivers (exemptions) were extended to the County by the State in January 2014 through December 2016 for the following Synthetic Organic Compounds: Alachlor, Aldicarb Sulfone, Aldicarb Sulfoxide, Atrazine, Benzo (A) Pyrene, Carbofuran, Chlorodane, Dalapon, Di (2-Ethylhexyl) Adipate, Dibromochloropropane (DBCP), Dinoseb, Diquat, Di(2-Ethylhexyl) Phthalate, Endothal, Endrin, Ethylene Dibromide (EDB), Glyphosate, Heptachlor, Heptachlor Epoxide, Hexachlorobenzene, Hexachlorocyclopentadiene, Lindane, Methoxychlor, Oxymyl (Vydate), Pentachlorophenol, Picloram, Polychlorinated Biphenyls (PCBs), Simazine, 2,4-D, Toxapene, 2,4,5-TP (Silvex), 2,3,7,8-TCDD (Dioxin). Inorganic Constituents: Asbestos and Cyanide						

## Choice of Dechlorinator

A dechlorinator is a chemical additive that removes chlorine or chloramine from water. Where tap water is chlorinated, it should be dechlorinated before use in a pond, since chlorine can harm aquatic life in the same way it kills micro-organisms. Chlorine will kill fish and cause damage to a pond's biological filter. Chemicals that serve this function are reducing agents which reduce chlorine species to chloride, which is less harmful to fish. Some compounds employed in commercial dechlorinators are: sodium thiosulfate, Sodium hydroxymethanesulfonate (used in AmQuel), and Sodium hydroxymethane sulfinic acid (used in Marineland Bio-safe).

Fulton County uses chlorine and not chloramine, a blend of chlorine and ammonia. This lets us use a simple and cost effective dechlorinator to address the chlorine and not have to worry about any ammonia coming from the breakdown of chloramine. The chemical compound that comes to mind is sodium thiosulfate (ST). ST typically is available in a crystalline form that looks very much like rock salt. ST can be purchased from a number of wholesalers and retailers of equipment and chemicals for the pond and aquaculture trade. It is usually available in jars in the 4-5 pound size to pails and bags in the 50 pound range.

Please note that ST is for addressing oxidizers like chlorine or potassium permanganate (PP). ST does nothing about any ammonia already in the water. So if the pond system in question has more than trace levels of ammonia, you should consider using a product such as Amquel, Chloram-X or other dechlorinator that does bind ammonia. Once the bio conversion portion of the filter has started to reduce the ammonia level to safe levels, you can return to using ST for dechlorination.

### ST Dosing

Based on the Fulton County report we can see there are two scenarios we should plan to handle. The first would be the highest routine level recorded by Fulton County of 1.38ppm of chlorine. Using an online calculator, we can calculate the amount of ST needed to neutralize 1000 gallons of new water that has 1.38ppm of chlorine. We would only need 0.647 ounces or 18.302 grams of ST crystals.

Conversions - Weight, Length, Volume, Temperature & PSI		Salinity	Alkalinity - KH	Oxolinic Acid Bath
Sodium Thiosulfate	Sodium Thiosulfate Stock Solution	Potassium Permanganate		Free Ammonia
Koi weight based on length				
<b>Sodium Thiosulfate Calculator</b>				
Amount to be treated		ppm Chlorine	Amount of Sodium Thiosulfate	
Gallons	Liters		Ounces	Grams
1000	3785.000	1.38	0.647	18.302
Why Dechlorinate?	Chlorine damages and can kill your fish! The bottom line is this: If you add <b>any</b> water, you need to dechlorinate. Chlorine/chloramines are toxic to fish. Dechlor is cheap. If your water contains only chlorine, then sodium thiosulfate is an excellent and inexpensive dechlorinator. Remember, <b>always dechlorinate tap water</b> , whether you're replacing 1000 gallons or just 5 gallons.			
Calculator Usage:	Enter the amount of water to be dechlorinated (gallons or liters) and the ppm chlorine you need to detoxify. You probably noticed that this is most useful when filling a pond or making a large water change. For normal use, it is much easier to simply make a Stock Solution, i.e., a solution that treats x amount of water with y amount of the stock solution. Y			
Examples:	You plan to add 1000 gallons to your pond, how much ST is required? Enter 1000 in the gallons field and let's say you expect 1ppm chlorine, so enter 1 in the ppm field. This will show you that you should use 13.262 grams or 0.469 ounces. It is always best to err on the high side as ST is not toxic at even double or			
Notes:	This calculator uses JavaScript. I'm confident this calculator is accurate, but things happen. Use it at your own risk,			
Calculators Provided by Koi and Water Garden Society of Central New York				



The second scenario is the worst case where there has been a pipe break and Fulton County has gone for the maximum allowed chlorine for a very short period to minimize any contamination getting to any residence. Using the online calculator, we can calculate the amount of ST needed to neutralize 1000 gallons of new water that has 4ppm of chlorine. We would only need 1.87 ounces or 53.048 grams of ST crystals

Conversions - Weight, Length, Volume, Temperature & PSI		Salinity	Alkalinity - KH	Oxolinic Acid Bath
Sodium Thiosulfate	Sodium Thiosulfate Stock Solution	Potassium Permanganate		Free Ammonia
Koi weight based on length				
<b>Sodium Thiosulfate Calculator</b>				
Amount to be treated		ppm Chlorine	Amount of Sodium Thiosulfate	
Gallons	Liters		Ounces	Grams
1000	3785.000	4	1.875	53.048
Why Dechlorinate?	Chlorine damages and can kill your fish! The bottom line is this: If you add <b>any</b> water, you need to dechlorinate. Chlorine/chloramines are toxic to fish. Declor is cheap. If your water contains only chlorine, then sodium thiosulfate is an excellent and inexpensive dechlorinator. Remember, <b>always dechlorinate tap water</b> , whether you're replacing 1000 gallons or just 5 gallons.			
Calculator Usage:	Enter the amount of water to be dechlorinated (gallons or liters) and the ppm chlorine you need to detoxify. You probably noticed that this is most useful when filling a pond or making a large water change. For normal use, it is much easier to simply make a Stock Solution, i.e., a solution that treats x amount of water with y amount of the stock solution. Y			
Examples:	You plan to add 1000 gallons to your pond, how much ST is required? Enter 1000 in the gallons field and let's say you expect 1ppm chlorine, so enter 1 in the ppm field. This will show you that you should use 13.262 grams or 0.469 ounces. It is always best to err on the high side as ST is not toxic at even double or			
Notes:	This calculator uses JavaScript. I'm confident this calculator is accurate, but things happen. Use it at your own risk,			
Calculators Provided by Koi and Water Garden Society of Central New York				

## Overdosing

ST is one of the safest chemicals we can use in our ponds. Can you kill your fish with ST? Undoubtedly! If the correct dosage for the water change was a couple of ounces and you dumped in a 50 pound pail, very likely there will be fatalities.

## Application

Some people mix the ST crystals into water and then distribute the solution into the pond and the new water is added. That is one way of doing it. Another is to put the crystals into a water current where the ST crystals will quickly dissolve them. Use the currents from air domes on bottom drains and tangential pond returns (TPR) to mix the new water, old water, and ST.

Anytime you are adding new chlorinated water to a pond system that contains fish or filter bacteria you want to preserve, use a control device to limit the gallons of water allowed to enter the pond. You can get timers for the ends of garden hoses for a few dollars at your local DIY store garden department.



## Some of the Action at our Koi Auction of 2017









**Financial Statement as of April 30, 2017**

**BEGINNING CHECKING ACCOUNT BAL-**

**\$2,377.73**

<b>Income</b>	2300 Koi Show	\$55.00
---------------	---------------	---------

	2350 8' Tank Rental	\$55.00	
2400 Koi Auction			\$20,200.00
	2410 Equipment	\$825.00	
	2420 Fish	\$18,825.00	
	2430 Plants	\$48.00	
	2440 Food Court	\$212.00	
	24450 Misc.	\$290.00	
2600 Pond Tour			\$670.00
	2620 Ticket Sales	\$120.00	
	2630 Advertising	\$550.00	
2700 Membership			\$523.00
	2720 Name Badges	\$7.00	
	2730 Membership	\$516.00	

<b>Total Income</b>		<b>\$21,448.00</b>
---------------------	--	--------------------

<b>Expenses</b>	100 Dues	\$100.00
-----------------	----------	----------

	120 AKCA Annual	\$100.00	
200 Club Store			\$180.42
	240 Club Owned Equipment - PA Air Cyclinder	\$50.42	
	246 Refill	\$130.00	
400 Insurance			\$543.25
	410 Liability Ins.	\$543.25	
600 Koi Auction			\$529.34
	640 Food & Drinks	\$227.17	
	660 Club Store	\$100.00	
	670 Water Cost for Labor for Setup & Tear	\$52.17	
	680 Down	\$150.00	
900 Pond Tour			\$450.00
	930 Printing	\$450.00	
1100 Rent			\$185.00
	1101 Rent @	\$185.00	
1400 Bank Charge			\$464.01
	1460 Misc. Banking Costs - Com-	\$205.92	
	1465 Misc. Banking - Credit Card	\$242.89	
	1466 PayPal	\$15.20	

<b>Total Expenses</b>		<b>\$2,452.02</b>
-----------------------	--	-------------------

<b>Month Net Income/(Loss)</b>		<b>\$18,995.98</b>
--------------------------------	--	--------------------

**ENDING BALANCE:**

**\$21,373.71**

<b><u>Outstanding</u></b>	07/18/16	EFT	\$137.20	04/14/17	1324	\$25.00
<b>Checks:</b>	09/07/16	EFT	\$65.00	04/24/17	EFT	\$185.00
	10/08/16	1311	\$16.85	12 04/24/17	EFT	\$150.00
	10/24/16	EFT	\$216.00	04/24/17	EFT	\$227.17
	11/14/16	EFT	\$121.78	04/28/17	EFT	\$52.17