



# KOI CLUB OF SAN DIEGO

## NEWSLETTER©

February 2021

Volume: 21 Issue 2

Po Box 22833

San Diego, CA 92192

[www.koiclubofsandiego.org](http://www.koiclubofsandiego.org)



## OFFICERS

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<b>First VP-PROGRAM:</b> Linda Pluth	(619) 200-4146	program@koicsd.org
<b>Second VP-VENUE:</b> Matt Rhoades	(619)517-8270	venue@koicsd.org
<b>SECRETARY:</b> Phyllis Spoor	(858) 292-4857	secretary@koicsd.org
<b>TREASURER:</b> Dr. Jessica Lynch	(619) 3 70-8045	treasurer@koicsd.org

## PHONE

## EMAIL

### Koi Person of The Year 2020 Scotty Yee

#### APPOINTED OFFICERS

<b>SHOW CHAIRMAN 2021:</b> Vacant		show@koicsd.org
<b>Webmaster-:</b> Jerry Myers	(619)405-8908	webmaster@koicsd.org
<b>Co-Webmasters-:</b> Greg Ruth & John Svelan		webmaster@koicsd.org
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<b>AKCA REPRESENTATIVE:</b> Scotty Yee	(714)943-3906	akcarep@koicsd.org
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<b>PROPERTY MANAGER:</b> Al Pierce	(619) 427-9008	property@koicsd.org
<b>LIBRARIAN AND KOI HEALTH ADVISOR:</b> Koi Jack Chapman	(619) 669-0490	health@koicsd.org
<b>FINANCIAL REVIEW CHAIRMAN:</b> VACANT		finance@koicsd.org
<b>CORRESPONDENCE SECRETARY:</b> Shirley Elswick	(619) 222-9825	correspondence@koicsd.org
<b>JAPANESE FRIENDSHIP GARDEN LIAISON:</b> Linda Pluth	(619) 200-4146	jfg@koicsd.org

#### MEMBERS AT LARGE

John Svelan Tamsie Pierce

#### HELPING HANDS

<b>WATER QUALITY:</b> Jack Chapman	(619) 669-0490	waterquality@koicsd.org
<b>KOI HEALTH ADVISOR:</b> Jack Chapman	(619) 669-0490	health@koicsd.org
<b>PROGRAM SUGGESTIONS: :</b> Linda Pluth	(619) 200-4146	program@koicsd.org
<b>TO HOST A MEETING:</b> Matt Rhoades	(619)517-8270	venue@koicsd.org
<b>TO SUBMIT AN ARTICLE:</b> Linda Pluth	(619) 200-4146	input@koicsd.org

# CALENDAR of EVENTS

## Committee Meetings

### Zoom KCSD Steering Committee Meeting

Wednesday, February 3 @ 7 PM  
Al Pierce is inviting you to a scheduled Zoom meeting for KCSD Steering Committee  
Wednesday February 3 at 7pm PST

### Join Zoom Meeting

<https://us02web.zoom.us/j/83469599073?pwd=cFNFOw1wWWpZMzErTUyYbU8oZGovQT09>

**Meeting ID: 834 6959 9073**

**Passcode: 408973**

**Elections**

**General meetings for 2021- Virtual?  
Alternate months?**

**Please remember that the Steering Committee Meetings are for any club member in good standing.**

### WELCOME NEW MEMBERS

**Scott & Jennifer McCardell**

### WELCOME RENEWING MEMBERS

**Rodolfo & Bridget Bravo**

**Tim Cooke**

**Mickey & Sherry Goldman**

**Karen & John Morris**

**Greg & Sharon Ruth**

**Lenore Wade**

## General Meetings

Due to the Corona Virus (COVID-19)

**General Meetings** are canceled until further notice.

**KOI CLUB  
OF  
SAN DIEGO 33rd  
ANNUAL KOI SHOW  
PICTURES  
BY  
PHYLLIS SPOOR  
aka SPARKLY HAT**

[Click text](#)

**KOI CLUB  
OF  
SAN DIEGO 33rd  
ANNUAL KOI SHOW  
PICTURES  
BY  
BILL NEWELL**

[Click text](#)



**NEW WEBSITE IS UP AND  
RUNNING**

## Upcoming Events 2021

**General Meeting  
Maybe in February 2021**

Due to the Corona Virus (COVID-19)

**Steering committee Meetings** are canceled until further notice.

If there is club business to contend with please notify the club president at

**president@koicsd.org**

**The Club has been holding Steering Committee Meetings on Zoom for more info contact Tamsie by email at [tamsie@cox.net](mailto:tamsie@cox.net)**



**Find us on:  
facebook®**

**The Original KCSD Koi Club Facebook page is up and running. Just enter Koi Club of San Diego in the friend search at the top of your Facebook page to friend it.**

**Inquiries concerning our Treasurer's report should be directed to: [treasurer@koicsd.org](mailto:treasurer@koicsd.org)**



# The President's Corner

## February 2021

In November 1942 Winston Churchill is memorably quoted as saying

“Now this is not the end. It is not even the beginning of the end. But it is, perhaps, the end of the beginning.”

While we are not fighting a foe we can see or touch, perhaps with the advent of the vaccine we, too, can begin to believe we might be seeing the end of the beginning.

The end of meeting restrictions - The end of winter, isolation, stress and frustration.

In November of 1942 we had become part of the WWII Allies. It was almost a year after Pearl Harbor and we had just gone through “Operation Torch” in North Africa. In Europe Hitler was turned back from Stalingrad marking the end of his “Operation Barbarosa” attack on Russia.

The world at that moment could at least see what was attacking them. We have only declining health as a warning.

With January 2021 now past we have moved a few hesitant steps into a new year, started the administration of the Covid 19 vaccine and have learned how to take precautions against transmitting the disease while we wait for our doses of that vaccine. Just as some of us did years ago when koi “gill disease” ran through the hobby until it was diagnosed and brought under control. With, as you recall, ingraining a habit of quarantine for fish new to our pond.

And with January (and now February) 2021 it is time to look ahead and start some tentative plans for the remainder of the year. Everything, of course, will depend on getting COVID under control, but in between we can fill the newsletter with the same sort of virtual pond tour we had in October with Steve & Alexa Ford’s pond. Photograph your pond, put together some text on its construction or layout or even inhabitants and send it on to Jerry Myers or Linda Pluth.

Volunteer for a leadership position on the Club Steering Committee. Consider all positions open. In a normal year, March would be a Nomination Committee, with candidates announced in April and May, and elections in June. The Club bylaws are posted on the website for a list of all the active positions with job descriptions. President, Vice President Venue (where meetings will be), Vice President Program (Speakers or demonstrations), Secretary, and Treasurer are the elected positions, but there are also appointed positions from PR person to Show Chairman (of a show yet to be scheduled) to Membership to Auction Chair (another event yet to be scheduled).

Koi Club of San Diego is a volunteer organization drawing from our membership of dedicated koi enthusiasts to revitalize the group with new ideas and events.

And come and join our Steering Committee meetings, the first Wednesday of each month, currently held on Zoom. Jerry Myers as Newsletter Editor has made a point of printing the link in the newsletter for your convenience.

We are stronger together — to appreciate the Koi and enjoy the common interest in pond keeping.

Submitted by Al Pierce, President

# Notes from the Board

Phyllis Spoor

Fun Filled Koiing

No notes as of 1/26/21



Just got home from Illinois, lock  
the front door, oh boy!  
Got to sit down, take a rest on the  
porch  
Imagination sets in, pretty soon  
I'm singin'  
Doo, doo, doo, lookin' out my  
back door

Tambourines and elephants are  
playin' in the band  
Won't you take a ride on the flyin'  
spoon? Doo, doo, doo,  
Wonderous apparition provided  
by magician  
Doo, doo, doo, lookin' out my  
back door

There's a giant doin' cartwheels,  
a statue wearin' high heels  
Look at all the happy creatures  
dancin' on the lawn  
Dinosaur Victrola, listenin' to  
Buck Owens  
Doo, doo, doo, lookin' out my  
back door

Forward troubles Illinois, lock  
the front door, oh boy!  
Look at all the happy creatures  
dancin' on the lawn  
Bother me tomorrow, today I'll  
buy no sorrows  
Doo, doo, doo, lookin' out my  
back door

As many of us know Phyllis LOVES  
taking pictures. This is from her back  
door I glommed it from a Facebook-  
post she did.

I couldn't help but think of this song  
when I saw it.

[Lookin' Out My Back Door lyrics](#)

[Song by Creedence Clearwater Revival](#)

[Songwriters: J. C. Fogerty](#)

[If your feeling nostalgic Click here](#)

[Out My Back Door](#)

Greetings everyone!

As editor of our club's newsletter I strive to keep it light, make a few of you smile, maybe even say,

"That Jerry is a nut" but this month's newsletter is a hard one for me.

We have all been going on with our lives the best we can and with no monthly meetings we lose track of each other and things tend to sneak up on us. I was shocked to hear of the passing of Rolf Haas. Many of us in the club who have been in for any amount of time knew Rolf and his wife Carol. If you attended a meeting at their home you may have been stunned by the lovely mosaics created by Carol or maybe it was the plants in the pond.

What always made me smile was the way Rolf always made you feel welcome and his "Hey do you need any plants? We have plenty. I can get in the pond and get some for you."

From my interaction with Rolf I considered him to be a kind and caring man and I will miss seeing both him and Carol doing their best to make everyone feel welcome at their home.

Carol, you have my heartfelt sympathies. If you need anything or if I can help you with anything please do not hesitate to call and I am quite sure that I speak for all of the club members.

To Rolf's family all I can say is he was a good man and will be missed.

Jeremiah RJ Myers

Editor

### **Rolf Haas**

**April 24, 1929 - January 16, 2021**

**San Diego**

**It is with profound sadness that the family of Rolf Albrecht Haas announces his passing on January 16, 2021 in San Diego, California. He will be lovingly remembered by his wife of many years, Carol Costarakis, and his children: Nathan Haas (Karen Gold), Rebecca Haas, Cara Haas Kent(Don Kent), Gary Haas, Irwin Haas(Shelly Frank-Haas); his sister Manon Kolkey; and many grandchildren and numerous friends. He was preceded in death by brother Peter Haas. Rolf was born April 24, 1929 in Munich, Germany, to Ernest and Charlotte (Rosenthal) Haas. Rolf and his family escaped Nazi Germany by first moving to Brussels in 1936, then to Paris, to Balboa, Spain and finally to Cuba in 1941 while they waited for Ernest to join them. His mother worked in a chocolate factory and as a caterer to support the family. After the war the family was able to immigrate to New York City in 1945. With the help of a great uncle they moved to San Diego circa 1949. Rolf became a naturalized U.S. citizen in 1951. Rolf served in the Korean War (1950-51) with an army mortar battalion on the front lines delivering newspapers, books and magazines to keep front line troops informed on world events. In 1952 Rolf was awarded a Bronze Star Medal at Fort Rosecrans in San Diego for heroism and gallantry in action for his service to the troops. Following military service, Rolf pursued a career as an insurance broker with John Hancock. His skills in management and business development were passed on through his work as a consultant with SCORE, a network of volunteer expert mentors dedicated to helping small businesses get off the ground and grow toward achieving their goals. He loved travel, gardening and had a special appetite for theatre. When Rolf met Carol, she dragged him happily into all of her passions and they became his. Carol, a gifted glass mosaic artist, with Rolf's help transformed their University City backyard into a unique one-of-a-kind koi pond and garden.**

**They were avid supporters of the Koi Club of San Diego.**



Photos by  
Bill Newell



Photos Bill  
Newell



Photos by  
Bill Newell



Photos by  
Bill Newell

## **Koi Club of San Diego Ponder Profile**

Carol Costarakis and Rolf Haas  
San Diego, California

Carol and Rolf along with their dog Pandi reside in the quiet neighborhood of University City. Their home, yard and koi pond has been featured in local magazines. Rolf, originally from Munich, Germany, admits that Carol is the designer and artist in the family and he enjoys supporting Carol's many interests. Carol is a successful interior designer who loves bright colors and it shows in every corner of their home where she displays her unique ceramic artistry. Very unique one-of-a-kind creatures adorn every corner of their yard that Carol has created using glass mosaic and other crafting techniques.

When they first moved into their home 9 years ago they knew it would require a complete remodel and they were up for the challenge. They wanted a nice pond in the back that was low maintenance where they could raise koi and water plants. Carol said the goal was to turn a rectangular boring backyard into a rhythm of curves. They joined the Koi Club of San Diego in 2008 and were determined not to make the same mistakes others had made when building their first pond. They succeeded in building a 'pretty much' maintenance free natural 5,000 gallon pond that is home for around 28 beautiful and colorful koi and an abundance of water plants that serve as the bio-filter.

In this day and age where everyone is seeking out that latest and greatest state-of-the-art filter system, Rolf is quick to point out that their pond is completely 'natural.' The concrete pond with natural rock borders is filtered by plants of every species with a skimmer and bog and features an impressive waterfall that gently cascades into the pond. The waterfall is packed with bags of filtering media and four sump pumps that supply all the circulation needed. Rolf admits that the plant bog does require a thorough cleaning every eighteen months (by someone else of course) making it pretty much maintenance free.

Rolf and Carol are avid supporters of the Koi Club of San Diego and have hosted numerous meetings at their home. Thank you so much for sharing your home and your Ponder Profile!

John Svelan  
Member at Large  
Koi Club of San Diego





**KHA KORNER**

by

**“KOI” Jack Chapman**

**KHA Korner – Aeromonas Alley**

While reviewing past KHA articles, I was a little surprised to note that I had not written since 2015 (shame on me) about one of the most commonly encountered koi bacterial infections known as *Hole in the side* (ulcer) or more properly referred to as *Aeromonas hydrophilia*. This bacterium is an opportunist pathogen that usually takes advantage of injured, sick or otherwise immune weakened koi. For *Aeromonas Alley* a key factor about what's going on in your pond and your koi is what is the pond water TEMPERATURE - and I like to know this both in the early morning and late afternoon. Just be glad we live here and not where it gets really cold for the winter months – can you imagine having to deal with snow and ice? However, it is important to know how low your pond temps get and for how long during each of our winter seasons. One of the things you need to be mindful of is the range of temperatures in which your koi are most vulnerable to what triggers bacterial infections again most often caused by *Aeromonas* and WHY it's happening. Think pond temp and what's going on in my bio-filter and my koi's immune system. Yes, it's a combination of factors. First *aeromonas* bacteria is inactive at 39F and starts to become active at 40F – with each degree to about 60F it becomes exponentially more active as in reproduction. While at the same time, our koi only start to improve their immune system after 55F. For the science nerd in us all, this is measured by the presence of white blood cells (WBC) in a blood sample and there is a reported case study in the literature that showed zero WBC in some koi at below 55F. So between 40F and 55F, we got the bad bugs multiplying while the koi's immune system is close to nonexistent. To make matters worse it has been reported that the bacteria that typically infect our koi thrive in harder water and at higher pH's (hello southern California). Before you get upset – this is one of Mother Nature's ways to weed out the weakest for the survival of the species. (Ref: MN rule book page 3) LOL. Additionally, their numbers severally increase with accumulated detritus and mulm on the bottom of your pond to flourish and – in the converse – their numbers are **GREATLY** reduced in clean ponds with gooooooooood water quality and proper circulation!!! The temperature zone of most volubility to *Aeromonas* infections is 47F to 62/63F – what we like to call *Aeromonas Alley*. Note: At lower pond temps your koi are less active and sit on the bottom more leading to increased contact opportunity for body and fin rot from *Aeromonas* infections. Seventy-seven or 78F is generally accepted and been reported as the optimum temperature for koi metabolic efficiency - as well as the temp at which their immune system will be close if not at max. It is believed that the koi's immune system is at about 25% efficiency when they emerge from *Aeromonas Alley*, and attain 50% around 70F. Now at the same time, the bacteria in your biofilter is becoming more active to handle the pond nitrogenous waste that will increase with feeding, decomposing organic matter and increased koi activity. *Nitrosomonas* bacteria activity, which converts ammonia NH<sub>3</sub> to nitrites NO<sub>2</sub>, is reported to be at or close to zero at 40F and will reach 50% capacity at 60F and at 100% efficiency at 75F. At the same time *Nitrobacter* bacteria converts NO<sub>2</sub> to nitrates NO<sub>3</sub> (to complete the nitrogen cycle) but at a slower pace being reported as not active till about 60F but also reaching full activity at 75F.

## KHA Korner – Aeromonas Alley

A word of caution for us in southern California -- with us not having to deal with real winter conditions, aeromonas will most likely continue to populate (be active) in our ponds during the typical winter months (especially this past winter – hell as I write this on Jan 13 at noon it is 68F and expected to get to 72F later today) and if you start to feed your koi too early and too high in protein – it will exit your koi as **undigested** fish poop (mulm on the bottom of pond) – OTHERWISE known as the best food possible for the bad bacteria at the worst time!!! Yes – as I like to say POOP WATCH TIME. All the above is just another good reason to remember to keep your weekly water changes at 10 to 15 percent and periodically check your water quality for NH<sub>3</sub>, NO<sub>2</sub>, NO<sub>3</sub>, KH, and O<sub>2</sub>. Spring is the most stressful time of the year for our koi and some pond owners alike. Got to have a plan and be *especially observant* of your pond and your koi at this time of year. This article was intended to sensitize the reader to the conditions existing within your koi and your pond during early spring as it relates to Aeromonas Alley. So next month I plan to continue this subject with identification and treatment of typical koi bacterial infections. Stay safe and healthy and just maybe later this year we will be able to return to monthly club meetings.

r/koi jack

**Final Note:** For those of you that wish I would write a KHA article on \_\_\_\_\_.

Please let me know by email at [jackchapman1@cox.net](mailto:jackchapman1@cox.net).

### TidBits from the Editor

<https://pubmed.ncbi.nlm.nih.gov/19873831/>

<https://www.vin.com/apputil/content/defaultadv1.aspx?pId=11257&catId=32273&id=3864319>

Anyone ever see these? Not a pretty sight! Study your koi carefully and catch problems BEFORE they get this far!



How do you get Aeromonas?

Where is the pathogen found and how is it transmitted to a human? **Aeromonas** is found in water. A large number of people most often swallow the bacteria by drinking contaminated water, handling contaminated fish or water, and not washing their hands properly afterwards

# LINKS

Some really *crappy* links, Get it?

These links contain information relating to Koi poop. As with any information on the web be careful on what you take as truth. The KCSD absolves itself of any misinformation on these sites. Remember Knowledge IS power

<https://www.kodamakoifarm.com/koi-sick-health-diagnosis-symptoms-diseases/#:~:text=Feces%2FWaste,your%20koi%20might%20be%20eating.>

<https://allaboutkoi.us/2016/04/22/koi-feces-diagnosis/>

<https://www.koiphen.com/forums/showthread.php?115076-Lets-talk-Koi-poop>

This BTW is a good site to bookmark and join

<https://cafishvet.com/fish-health-disease/stringy-white-fish-poop/>

This site is Dr. Jessie Sanders DVM up north. Check out her site and subscribe to her newsletter. Her specialty is fish

<https://drjohnson.com/changes-in-stool-quality-in-koi-goldfish-and-pondfish/>

This is Dr. Erik Johnson DVM site. He is well know in the fish community and has writen many books on fish and their health.

<https://koi-care.com/koi-diseases-treatments/>



# AKCA

[Click to be directed to website](#)

Sure, you know everything there is to know about your pond and koi.

That is right up to the second it all goes south!

Parasites, water parameters, pond or filter issues, WTF (udge) is wrong here?

Ohhh I'll just call someone! Tic toc time is wasting. Fish need help!

Sound familiar? Welllllll take the course and learn what you really know!

John and I, Jerry, have both taken the course and learned quite a bit about our pond and fish.

You owe it to yourself and you koi to learn.

Latamer P Koi



[Click image to view site](#)

# UNQUESTIONABLE QUALITY, CHAMPIONSHIP RESULTS

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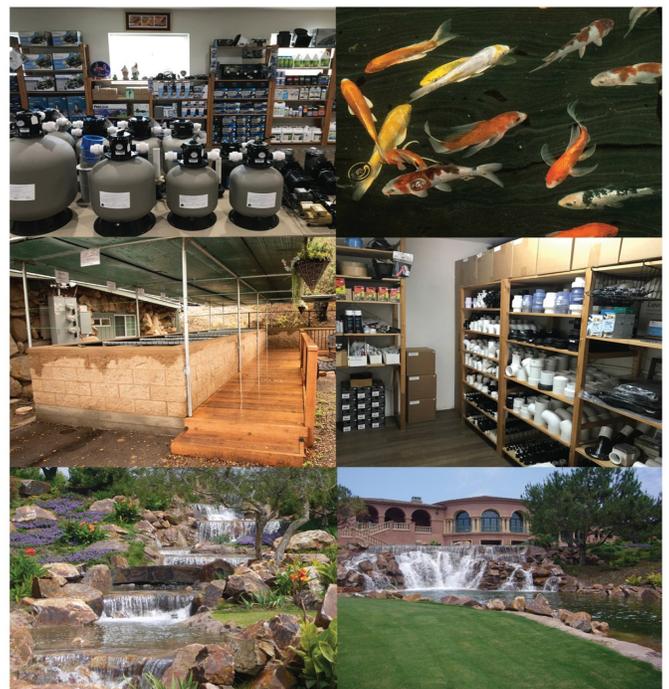
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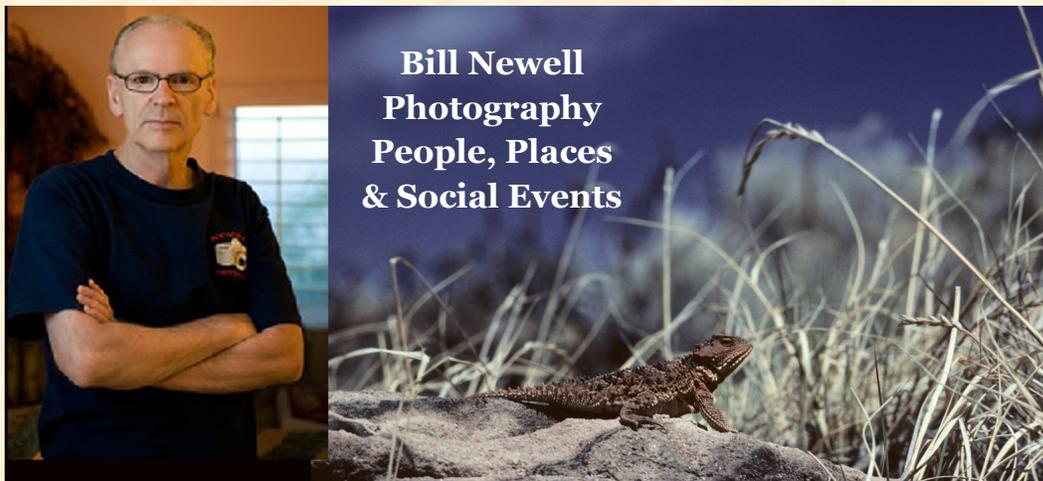
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 (excluding liner)

I have decided to link both the SmugMug accounts of Bill Newell & Phyllis Spoor to the newsletter and the website. Both of our club members take fantastic pictures of everything you can think of all over the world. For Bill's SmugMug click his picture. For Phyllis click her picture.



On behalf of the Koi Club of San Diego I want to thank both of **these** extraordinary photographers for their continued effort to capture the spirit of club members during our gatherings. From the Ponder Profiles, to monthly meetings, **Koi Rescues** and special events, **Phyllis Spoor and Bill Newell are always ready at a moments notice and we thank you!**



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January 2021



### What New Year's Resolutions should YOU be making as a Koi Keeper?

<https://koiorganisationinternational.org/koi-articles/koi-keepers-new-years-resolutions>



### MORE Clubs Took Advantage of K.O.I.'s 2-Yrs-for-1 SALE

- Gateway Koi and Pond Club **IS YOUR CLUB a MEMBER Club?**
- Join here:  
<https://koiorganisationinternational.org/product/club-membership>
- Questions? Bill [bbllayman@gmail.com](mailto:bbllayman@gmail.com)

## COMING UP

### K.O.I. Membership Renewals Individual (not clubs)

ALL existing Memberships must renew by  
March 1, 2021

Renewal reminders will go out in February  
<https://koiorganisationinternational.org/product/membership-renewal>



### Blog Posts! (Over 700 Available!)

- [Fish Owners are the Happiest](#)
- [Epic History of the Humble Goldfish](#)
- [Pet Fish Can Recognize You!](#)
- [Inside the Social Network of Fish](#)
- [Fish Fins as Sensitive as Fingers](#)
- [Dubai's Most Expensive Koi Pond](#)
- [Aerodynamics of Fish Scales](#)



### TIP OF THE MONTH



### Need Packing in a Gift for a Koi Keeper?

Instead of using packing peanuts, crumpled paper or other padding, use Manda Fu!

This treat looks like pink styrofoam packing peanuts – but is intended as a treat to hand-feed to Koi. Not a replacement for good balanced Koi food, but Koi love it as a treat! It's extruded with air to make it float and it looks – and cushions – like eatable packing peanuts! (protect in plastic bag) A gift for both Koi Keeper and Koi!  
Brilliant Idea by Mary Nielsen

**Monthly Complete Report**  
 Miramar/Alvarado/Otay Filtration Plants  
 December 2020

Analyte	Miramar Effluent	Alvarado Effluent	Otay Effluent	Units	MDL
pH	8.34	7.96	8.39	pH	
Conductivity	898	795	945	µmho/cm	
Total Alkalinity	139	150	138	mg/L	20
Total Dissolved Solids	536	477	587	mg/L	10
Total Hardness	277	255	293	mg/L	10
Calcium Hardness	165	144	173	mg/L	10
Carbonate	0	0	0	mg/L	
Bicarbonate	169	183	168	mg/L	
Turbidity	0.08	0.07	0.05	ntu	0.07
Color	ND	ND	ND	color	1
Bromide	ND	ND	ND	mg/L	0.1
Chloride	97.8	97.7	133	mg/L	0.5
Fluoride	0.68	0.68	0.47	mg/L	0.02
Nitrate	ND	ND	ND	mg/L	0.40
Nitrate (as N)	ND	ND	ND	mg/L	
Ortho Phosphate	ND	ND	ND	mg/L	0.1
Total Nitrogen	NA	NA	NA	mg/L	0.156
Silica	8.65	12.3	8.29	mg/L	0.625
Sulfate	202	164	167	mg/L	0.5
Aluminum	ND	ND	ND	µg/L	5
Calcium	66	57.6	69.2	mg/L	
Copper	2.7	4.68	2.6	µg/L	1
Iron	ND	ND	ND	µg/L	100
Lead	ND	ND	ND	µg/L	0.5
Manganese	1.29	5.27	ND	µg/L	0.5
Magnesium	24.5	24.1	25.5	mg/L	3
Potassium	NA	NA	NA	mg/L	0.5
Sodium	89.5	75.9	95.1	mg/L	20
Zinc	ND	ND	ND	µg/L	5
Aggressive Index	12.7	12.2	12.7	.	
Langlier Index	0.86	0.46	0.91	.	
Total Organic Carbon	2.39	3.34	1.97	mg/L	0.3
Total THMs	29.6	21.8	31.9	µg/L	0.4
HAA5	14.6	7.94	7.14	µg/L	1
Bromate	ND	ND	---	µg/L	5
Chlorite	---	---	0.245	mg/L	0.02
Chlorate	---	---	0.102	mg/L	0.02
Perchlorate	---	---	---	µg/L	4

< = Less than  
 ND = Not Detected  
 --- = Not Sampled  
 NR= Not Reportable  
 NA = Not Analyzed  
 MDL= Minimum Detection Limit

Hello All,  
 Attached please find the Monthly Complete report for the month of December 2020.  
 In this report Total Nitrogen did not get analyzed due to instrument issues and Potassium was not analyzed due to under staff.  
 Thank you,

**Angelica Miranda**  
 Water Quality Complaint Coordinator  
 Public Utilities Department

Thank You John Svelan for the water report



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**Marudo:**

"Nijikawa was used for yonsai Chia koi and Karashi koi, "boom-boom" growth! Will use for core variety next year."

**Koda:**

"Nijikawa are used at Nisai and older ponds. "I think, Nijikawa is Super Koi Food"



**Sekiguchi:**

Nijikawa was mixed at all ponds. Great Growth. Need more Research on how to handle. "I believe Nijikawa has Tremendous Potential"

**Isa:**

Nijikawa was used with 50% ratio, but finished in two weeks. Result is inconclusive. But "I think that Nijikawa maybe the ONLY Good Koi Food Made Outside of Japan"

**Hasegawa:**

Nijikawa reminds me the great quality koi feed made in Japan 30 years ago! Only 15% used in Sansai pond, it completely changed the koi this year!

**Marusaka:**

Nijikawa was used at all ponds with different mixing ratio. Great Growth and Great Conditions!

**Ozumi Ikarashi:**

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