

tideline newsletter tideline aquatics

Tideline Aquatics Store Hours

Monday – Friday 11am-7pm
Saturday 10am-6pm
Sunday 1pm-5pm

COMMON CAUSES OF CLOUDY WATER....



Nearly all of you have experienced it as some time or another; murky looking aquarium water. Here are some of the most common causes of “the fog” and how to remedy the problem.

NEW AQUARIUMS

When you first set up a new aquarium, the environment is for the most part sterile. That first day or two the water appears so beautifully crystal clear and then you turn on the light a day or two after adding the first fish and the haze has replaced that pristine appearance. Nearly all new aquariums go through this cloudy period and it is actually a sign of the aquariums biological action taking place. First, you should always begin with a small number of hardy fish in a new aquarium. If you load the aquarium with fish from the start, you will learn a valuable lesson. The water quality will deteriorate quickly with a sudden spike in ammonia and many of the fish will die. Like we said before, begin with a small number

of fish. After a day or two of lightly feeding and waste being produced by the fish, the aquarium will experience what is often referred to as a bacterial bloom. These are the good bacteria that will set up your biological filter. These bacteria are reproducing quickly and beginning to break down the ammonia produced by the fish. The bacteria will coat the surface of everything in your aquarium AND they will colonize heavily on your biological filter media (biowheel, bioballs, biofoam, etc). Once enough of these bacteria have colonized to reduce all of the ammonia produced by the fish, then the biological filter is considered to be established. This process can take from 14-45 days depending on the type of aquarium you have (freshwater, saltwater or reef). Once these bacteria are in sufficient numbers and the water test normal for ammonia and nitrite, the water will rapidly clear up and it will be safe to begin adding additional organisms.

NO BIOLOGICAL FILTER

If you purchased your aquarium filter from one of those “Big Box” super stores, then you likely have purchased a filter with no biological capacity other than the filter cartridge (no biowheel, biofoam, etc). This can lead to a big mess with dead fish and deadly water quality parameters randomly hitting your aquarium. Because the only biological capacity this inadequate filter provides is the filter cartridge, you actually remove and destroy the bio-filter every time you change out the filter cartridge! You remove the dirty cartridge that’s coated with bacteria and a day or two later the aquarium becomes foggy and fish begin to show stress. Ensure that when you purchase a filter for your

aquarium regardless of where you get it, it contains an adequate biological filter component.



THE AQUA-TECH FILTER SOLD AT MANY DEPARTMENT STORES HAS A POOR BIOLOGICAL FILTER COMPONENT COMPARED WITH QUALITY COMPLETE FILTERS SOLD AT AQUARIUM STORES! Otherwise, your filtration system will be inadequate and you will continuously be dealing with cloudy water and dying fish. Filters that include thin small pieces of foam for a biological filter are only enough of a bio-media to support a small number of fish safely. If you have one of these brands of filters, make it a complete filter by adding additional biological media. These types of bio-media can be purchased at true aquatic stores like Tideline Aquatics.

OVER FEEDING



Feeding your fish too often or too much is the most common cause of cloudy aquarium water. Fish will approach the aquarium front and appear hungry whether you feed 10 times per day or twice a day! This is just what fish do folks. Fish should be fed once or twice per day in most aquariums (some cichlids and larger marine fish like puffers and lionfish may not require daily feeding). When you feed, the fish should consume nearly everything you fed them quit quickly. If food is accumulating on the bottom of

the aquarium, you are feeding too much! If feeding flake food, people make the mistake of crumbling up the flakes as the feed the fish. Tiny food pieces are often ignored by the fish and end up setting in the substrate leading to cloudy water. Add the flakes whole to the tank. The fish will eat them more quickly and less will be wasted. If your aquarium water is cloudy and you have an adequate filtration system (biological filter included) AND your aquarium has been established more than 30 days, you may be an over feeder. Skip feeding the fish for 2-3 days and if the water begins to clear up you will have your answer! Perform a partial water change and vacuum out the substrate using a gravel vacuum.



Then begin a new feeding regiment using less food or less frequent feedings. Your fish should be full-bodied but not obese!

TOO MUCH LIGHT



Green water is a nightmare for the looks of your aquarium. Though it may be harmless to your fish, you would not even know it because eventually you will not even be able to see them! Green water comes on slowly and then rapidly progresses to what we often call “pea soup”. This is caused from leaving the lights on too long (lights should be run 8-10 hours per day) and/or sunlight reaching the aquarium. Even indirect sunlight can lead to green water. This is not an

easy fix either once it happens. This free-floating algae bloom passes right through filter cartridges. The remedy is to cut all light sources from the aquarium for a duration of 7-10 days. Without light, the algae spores will die out. We suggest using a water clarifier like Acurel F in conjunction with keeping the lights off to aid in clearing the water of this free-floating algae.



Once the water has cleared up completely, begin running the lights only about 8 hours per day. Be certain that the lamps in your hood are designed for use in aquariums. If sunlight is reaching your aquarium then you will need to add blinds or move the aquarium to a different location. Sunlight will always greatly increase algae growth if it reaches your aquarium. By using products like ALGONE, it will reduce algae growth substantially. This product comes in pre-packaged inserts that you can place inside your aquarium filter. It is safe for all aquariums!



If your aquarium is in a sunny location and you have no other option but to leave it there then the addition of a UV clarifier unit will be required to keep the water clear of free-floating algae.

LOW OXYGEN LEVELS

If the aquarium does not have adequate surface agitation, the oxygen level in the water will drop and can lead to the loss of all your inhabitants. So often this is overlooked by the aquarium

owner until it is too late. It can happen from over filling the aquarium or from a malfunction in the aquarium filter that causes reduced flow thus reduced water surface movement. If this oxygen drop is gradual, the aquarium water will begin to fog up. Nitrifying bacteria (these are the good bacteria that keep your aquarium water stable) require oxygen in sufficient levels to sustain their growth. The bacterial bloom that occurs when oxygen levels are low is a warning to you to take action. If your water suddenly appears hazy yet you have not overfed, you have a quality filter with a biological component and your aquarium has been established for more than 30 days then it could be an oxygen issue. Add more surface agitation by adding an aeration device (air pump with an airstone, a circulation pump aimed at the surface). If the water clears within 24-48 hours, this will indicate that your aquarium had low oxygen levels. Fish hanging at the surface or respirating heavily (rapid gill movement) is also a good indicator of low oxygen.

TOO MANY FISH



An aquarium can hold only so many fish! Even the best aquarium filter can have a tough time keeping up with an overcrowded aquarium. Aquarium stores stock their tanks full of fish but they also have special commercial systems that allow for heavy stocking. Aquarium stores also do large partial water changes several times per week to maintain water quality that is safe for the fish. At home is it doubtful that the hobbyist is going to change water every 2-3 days. If your water is cloudy due to too many fish, then it is time to pick out your favorites and find new homes for the others. No product will keep water clear in an over-crowded aquarium not to mention the toll it takes on the fish in the event of a disease outbreak. If a disease does break out, it will rapidly spread making it difficult to cure. Don't overcrowd an aquarium with too many fish!

GOODBYE KENT MARINE!

For years we have been using SuperBuffer by Kent Marine for raising and maintaining the carbonate hardness (KH) and pH of aquarium water. Well now there is a much better product for this job!



KENT SUPERBUFFER IS OUT!



BRIGHTWELL ALKALINE 8.3-P IS IN!!

Brightwell Aquatics Alkaline 8.3 product does a much better job at buffering pH and KH for marine aquariums than Kent SuperBuffer. Brightwell's product requires half as much of a dose compared with the Kent product. Kent Marine has also been purchased by Central Aquatics which is a product line we will no longer be stocking at Tideline Aquatics except by special order. So we suggest you make the change now and we are offering you some incentive!

BRING IN YOUR EMPTY KENT MARINE SUPERBUFFER CONTAINER. WE WILL GIVE YOU 20% OFF THE NEW BRIGHTWELL ALKALINE 8.3 BUFFER FOR THE EXCHANGE. WE NOW HAVE REFILLS AVAILABLE AT A DISCOUNT FOR THE NEW BRIGHTWELL

PRODUCT! BRIGHTWELL'S PRODUCT LINE IS PHENOMINAL COMPARED TO MOST OTHER REEF PRODUCTS. MORE CONCENTRATED, EXTRAORDINARY CUSTOMER SUPPORT AND EASY TO FOLLOW INSTRUCTIONS ON EACH LABEL!

PLEASE TAKE NOTE: WE WILL NO LONGER OFFER ANY REFILLS ON KENT MARINE SUPERBUFFER....THAT PRODUCT LINE HAS BEEN DISCONTINUED BY TIDELINE AQUATICS.

COMING SOON.....

QUALITY NEW CIRCULATION PUMPS BY SICCE ARE MADE WITH QUALITY IN ITALY AND WILL SOON BE ON THE SHELVES AT TIDELINE AQUATICS!

COMING SOON TO OUR WEBSITE.... "HOW TO" VIDEOS!

We are now working on videos for our website that will guide you through common issues you may encounter with your aquarium. Videos on mixing seawater, priming an overflow box u-tube, servicing a canister filter and more will begin to show up on our site. We will let you know when the new vids become available for viewing. This is just another way Tideline Aquatics supports its customers that support us! We thank you for shopping with us!

SIGN UP!!

Go to www.twitter.com and create your own personal account. It's FREE!!!! Then find us by searching for: TidelineAquatic (notice there is no "s" on the end of aquatic. Sign up to "follow" us and even add the option to receive tweets via text messages to your cell phone. With your twitter account you will receive notifications of livestock shipments, product specials and best of all "twitter only" super specials sent out randomly to our twitter followers.

Don't forget to show your military ID at the check-out counter! Tideline Aquatics now offers a discount to both active and retired military persons with a military ID!!

Also, print off coupons from our website for even more savings when you shop with us!!



hardy, colorful & inexpensive
RED SERPAE TETRAS
BUY 1 GET 1 FREE!

OFFER VALID WITH COUPON ONE: COUPON EXPIRES 11.03.09

tideline aquatics



this blenny eats algae in reef aquariums and will eat frozen vegi-foods in non-reefs
COMMON ALGAE BLENNY
\$8.99

OFFER VALID WITH COUPON ONE: COUPON EXPIRES 11.03.09

tideline aquatics



*intense color on these large hardy shrimp!
more just arrived this week!!*
BLOOD RED FIRE SHRIMP
\$19.99 each

OFFER VALID WITH COUPON ONE: COUPON EXPIRES 11.03.09

tideline aquatics



*making room for a new vendor!
includes: buffers, additives, freshwater & saltwater lines*
ALL KENT MARINE PRODUCTS
35% OFF
ALL SALES FINAL

OFFER VALID WITH COUPON ONE: COUPON EXPIRES 11.03.09

tideline aquatics

Just a few examples of the specials available on our website coupons this week!!

WHAT'S NEW AT [tideline aquatics?](http://tidelineaquatics.com)

ON THE MENU THIS WEEK:

Feeder Guppies, Feeder Ghost Shrimp, Feeder Goldfish, Feeder Rosey Reds, Feeder Black Worms (temporarily out of stock), Feeder Crayfish, Feeder Fiddler Crabs (temporarily out of stock).

Freshwater Fish New Arrivals:

Red Delta Guppies, Gold Neon Guppies, Blue Moscow Guppies, Blue Grass Delta Guppies, Pearl Leeri Gouramis, Turquoise Rainbowfish, Peacock Bass, Surinamensis Earth-Eater Cichlids, Red Fire Queen Peacock Cichlids, Longfin Albino Bushynose Plecostmus, Fourline Pictus Catfish, Spotted Pictus Catfish, Reticulatus Corydoras Catfish, Clown Loaches, Bala Sharks, Rainbow Sharks, Redtail Black Sharks, African Butterflyfish, Giant Sleeper Gobies, White Cheek Gobies, Red Serpae Tetras, White Cloud Mountain Minnows, New Kitty Tetras (pretty), Blackberry Japonica Shrimp, Assorted Glo-fish, Assorted Platies, Electric Crowntail Male Bettas, Thai Fighter Bettas, Giant Show Bettas, Halfmoon Twintail Male Bettas, Denisonii Roseline Sharks, Jurupari Eartheater Cichlids, Electric Blue Ahli Males, Demansoni Cichlids, Farlowella Twig Catfish, Siamensis Flying Fox Algae Eaters, Common Plecostomus, Olive Nerite Freshwater Algae Eating Snails, Assassin Snail Eating Snails, Corydoras agassizi Catfish, Golden Dojo Weather Loaches, Banded Kuhli Loaches, Bloodfin Tetras, Rasbora Hengeli, Red Serpae Tetras, Dwarf African Frogs.

Saltwater Fish New Arrivals:

Blue Lyretail Hanna Gobies, Tomato Clownfish, Candy Hogfish, Powder Brown Tangs, Male Squareback Anthias, Bursa Triggerfish, Swallowtail Angelfish, Black Saddle Clownfish, Melas Keyhole Angelfish, Midnight Nox Angelfish, Blueface Angelfish, Annularis Angelfish (adult), Sebae Clownfish, Common Maroon Clownfish, Firefish Gobies, Tiger Wardi Watchman Gobies, Marine Bettas, Kauderni Cardinalfish, Humu Triggerfish, Snowflake Morays, Flagfin Angelfish, Lemon Peel Angelfish (special in-store price!), Bicolor Blennies, Collare Butterflyfish, Red Pearlscale Butterflyfish, Pajama Cardinalfish, Black & White Chromis, Green Chromis, Blue Sapphire Damsel fish, Spotted Mandarins, Large Scooter Dragonets, Yellow Goatfish, Aurora Gobies, Rainfordi Gobies, Redhead Gobies, Pearly Jawfish, Twospot Gobies, Red Trimma Gobies, Fuzzy Dwarf Lionfish, Green Wolf Eel Blenny, Black Spot Surgeonfish, Male Flame Wrasse, Venusta Coris Wrasse, Christmas Wrasses, Yellow Coris Wrasses, Green Melanurus Wrasses, Lunare Wrasses, Lyretail Zebra Swallowtail Angelfish, Orange Anglerfish, Bartlett's Anthias, Algae Blennies, Starry Algae Blennies, Canary Blennies, Raccoon Butterflyfish, Black and White Heniochus Butterflyfish, Caribbean Jewel Damsel fish, Blue Spotted Watchman Gobies, Steinitz Gobies, Spotted Watchman Gobies, Green Banded Gobies, Clown Gobies, Two Spot Gobies, Janss' Pipefish, Foxface Rabbitfish, Powder Blue Tangs, Thompsoni Tangs, Adult Red Coris Wrasses, Dragon Wrasses, Green Coris Wrasses, Blue & Red Flasher Fairy Wrasses, Yellow Tangs, Pearly Jawfish, Porcupine Pufferfish, Flame Angelfish, Eiblii Angelfish, Majestic Angelfish, Coral Beauty Angelfish, Female Lyretail Anthias, Male Lyretail Anthias, Royal Grammas, Horned Blennies, Ocellaris Clownfish, True Percula Clownfish, Tank Bred Ocellaris Clownfish, Gold Bar Maroon Clownfish, Azure Damsel fish, Blue Devil Damsel fish, Green Mandarin Dragonets, Scooter Dragonets, Ghost Eels, Yellow Watchman Gobies, Candy Cane Gobies, Volitan Lionfish, XL Fuzzy Dwarf Lionfish, Fridmani Pseudochromis, Stars & Stripes Dogface Pufferfish, Blue Spotted Sharpnose Pufferfish, Valentini Sharpnose Pufferfish, Tank Bred

Seahorses, Adult Achilles Tang, Lieutenant Tangs, Chevron Tang, Yellow Eye Kole Tang, Naso Tangs, Blue Regal Tangs, Sailfin Tangs, Desjardini Sailfin Tangs, Clown Triggerfish, Niger Triggerfish, McCoskers Fairy Wrasses, Christmas Wrasses, Sixline Wrasses, Harlequin Tuskfish.

Live Corals & Invertebrates New Arrivals:

Golden Carpet Anemones, Blueberry Gorgonians, Acanthophyllia Meat Corals, Green Cynarina Meat Corals, Duncans Whisker Corals, Ultra Green Eyed Echinophyllia Corals, Super Red Hardier Goniopora Corals, Bubble Corals, Ultra Green Bubble Corals, Pipe Organ Corals, Green Lettuce Nudibranch Algae Eaters, Green Metallic Star Polyps, Green Clove Anthelia Rocks, Peacock Mantis Shrimp, Seahares, New Oliva Sifting Snails, New Yellow Vase Sifting Snails, Cerith Snails, Orange Turbo Snails, Super Grade Crocea Clams, Derasa Clams, Green Finger Leather Corals, Branching Hammer Corals, Favia Brain Corals, Red Button Cynarina Meat Corals, Purple Fungia Plate Corals, Spiny Cup Pectinia Corals, Cultured Acropora Corals, Cultured Montipora Corals, Platygyra Worm Brain Corals, Cultured Green Torch Corals, Emerald Crabs, Blue Knuckle Reef Hermits, Yellow Filter Feeding Cucumbers, Regular Feather Dusters, Green Feather Dusters, Reef Lobsters, Yellow Polyps, Lavender Mushroom Rocks, Ricordea Yuma Mushroom Rocks, Bumble Bee Snails, Top Crown Snails, Sifting Crown Conch Snails, Coral Banded Shrimp, Golden Banded Shrimp, Sand Sifting Starfish, Orange Linkia Reef Starfish, African Knobby Starfish (not for reefs), Fancy Bubble Anemones, Brown Sebae Anemones, Super Red Velvet Lobophyllia Coral, Wellsophyllia Corals, Sally Lite Foot Crabs, Assorted Mushroom Rocks, Red Tip Reef Hermits, Hard Tube Coco Worms, Shaving Brush Plants, Mega Fancy Zoanthid Rocks, Turbin Snails, Red Collar Snails (cooler water only), Mexican Turbo Snails, Tiger Pistol Shrimp, Lime Green Mantis Shrimp, Scarlet Red Fire Shrimp, Cleaner Shrimp, Caribbean Peppermint Shrimp, Red Fromia Reef Starfish.

This list consists of new arrivals only – we have a huge selection of fish, corals, invertebrates and live rock from previous shipments now in stock!