The Man Behind the Mission

Over the last four decades, Carl Palmer has dedicated his life to the research and development of safe and healthy drinking water through water purification. His vision and hope for our world is to develop products that provide safe and healthy water to all those who need it.



Mr. Palmer has witnessed the crippling and even fatal effects caused by water contamination and has made it his mission to successfully develop a variety of drinking water technologies that remove the contaminates causing the majority of the world's drinking water health issues.

Carl Palmer is the founder and driving force behind Seychelle Environmental Technologies Incorporated, one of the most prominent companies in the portable water filtration industry. Seychelle designs, manufactures, and supplies revolutionary water filtration systems, most notably, the Ionic Absorption Micro Filtration, which has been proven to effectively remove 99.9999% of bacteria and viruses found in the world's drinking water.

Carl Palmer has earned international acclaim with the first application of reverse osmosis for residential and office use. Many of his enterprises have had a significant impact throughout the world and have been acquired by major publicly- held corporations, including Coca-Cola, Shaklee and AMF Cuno.

OUR BODY OF WATER

Water is the single most important nutrient we consume, but how much do we know about our drinking water and the direct effect it has on our health?

Did you know?

•The human body is made up of approximately 70% water?

•75% of the water we drink in our lifetime, we drink away from home.

•By the time you feel thirsty, your body has already lost 1% of its total water.

•Drinking enough water everyday can help reduce heart disease and cancer.

•Staying hydrated helps energize muscles and has the ability to boost energy levels.

•Drinking water can help you lose weight by suppressing your appetite naturally and increasing your metabolism.

•Proper hydration has the ability to improve skin tone, texture, and resiliency.



WHERE DOES OUR DRINKING WATER COME FROM AND HOW SAFE IS IT ?



Our water is constantly circulating from earth to the atmosphere and back again. This is accomplished by the heat of the sun and the pull of the earth's gravity. When water evaporates from lakes, streams, rivers, and oceans, it condenses and returns back to earth as rain, snow, mist, and fog. This is known as the hydrological cycle. Without it, life would cease to exist.

The moment water returns to earth, it begins accumulating particles of almost everything it comes into contact with, including human waste, animal waste, pesticides, and industry pollutants. This contaminated water then becomes our surface and ground water.

According to the Centers for Disease Control and Prevention (CDC), our drinking water comes from either surface water or ground water. Surface water collects in streams, rivers, lakes and reservoirs. Ground water is water located below the ground where it collects in pores an spaces within rocks and in underground aquifers. Federal law requires that systems reduce certain contaminants to set levels in order to protect human health.

The United States Environmental Protection Agency (EPA) has issued drinking water standards or Maximum Contaminant Levels (MCLs) for more than 90 contaminants. Cities, states, and governments do all they can to safeguard our drinking water and yet safe and healthy drinking water is still a problem.

HOW PROTECTED ARE WE?

According to the Environmental Protection Agency (EPA):

"Microbiological and chemical contaminants can enter water supplies. These materials can be the result of human activity or can be found in nature. Coliform bacteria from human and animal wastes may be found in drinking water if the water is not properly treated or disinfected. These bacteria are used as indicators that other harmful organisms may be in the water."

As reported by the EPA:

•Drinking water, including bottled water, **may contain small amounts of some contaminant**s.

•The presence of contaminants does not necessarily indicate that water poses a health risk.

•The EPA sets standards for approximately **90 contaminants** and indicators in drinking water.

•The presence of indicators at a level outside of specified limits may **reflect a problem in the treatment process** or in the integrity of the distribution.





United States Environmental Protection Agency

For more information see EPA Publication Water on Tap: A Consumer's Guide to the Nation's Drinking Water.

WHY YOU NEED TO FILTER YOUR DRINKING WATER?

The Zones of Drinking Water Contamination The A, C, D, R and pH of drinking water:

Aesthetic – Offensive tastes, odors, chlorine, silt, sand, and sediment

Chemical - Industrial VOC's (Volatile Organic Compounds), PBC's, THM's (Trihalomethanes), detergents; Agricultural SOC's (Synthetic Organic Compounds), pesticides, DDT, etc.

Dissolved Solids – Harmful heavy metals such as Aluminum, Arsenic, Asbestos, Cadmium, Chromium 6, Fluorides, Copper, Lead, Mercury, etc.

Radiological – Gross Beta, Radon 222, Alpha Radium 226, Plutonium, Uranium, Cesium 134 & 137

pH - Acidic (o-6.9) Neutral (7) Alkaline (7.1-14)



WHAT IS pH AND WHY IS IT IMPORTANT?

pH stands for power of hydrogen, which is a measurement of the hydrogen ion concentration in the body The total pH scale ranges from 1 to 14. Solutions with a pH less than 7 are said to be acidic and solutions with a pH greater than 7 are basic or alkaline. The more acidic a solution is, the lower the pH. The more alkaline a solution is, the higher the pH. A pH of 7 is perfectly neutral. The healthiest pH is one that is slightly alkaline, ranging between 7.35 and 7.45.

When a human body has an acidic pH balance (a pH level less than 7), it decreases the body's ability to absorb minerals and nutrients, as well as reduces the energy production in the cells, and their ability to repair damaged cells.

The facts of pH balance are simple and clear but **what are we doing to protect ourselves from the health risks of an acidic lifestyle?** Below is a diagram to demonstrate the impact common beverages have on our body's pH.

	Range	pН	
Alkaline	7 to 14	9.5	500 times more alkaline
		9	100 times more alkaline
		8	10 times more alkaline
Neutral		7	NEUTRAL
	6	10 times more acidic	
		5 Tea	100 times more acidic
		4 Coffee	1,000 times more acidic
Acidic	o to 7	3 Soda	10,000 times more acidic

Consume Freely Raw is Best	10	Raw Spinach Brussel Sprouts Cauliflower Alfalfa Grass Seaweeds	Raw Brocolli Red Cabbage Carrots Cucumbers Asparagus	Artichokes Raw Cellery Potato Skins Collards Lemons & Limes	
Alkaline pH	9.0	Olive Oil Raw Zucchini Sprouted Grains Raw Green Beans Mangoes Tangerines Grapes	Most Lettuce Sweet Potato Raw Eggplant Blueberries Papayas Melons	Borage Oil Raw Peas Alfalfa Sprouts Pears Figs & Dates Kiwi	И
Most foods get more acidic when cooked	8.0	Apples Tomatoes Turnip Bell Peppers Pineapple Wild Rice Canteloupe Oranges	Almonds Fresh Corn Olives Radish Cherries Strawberries Honeydew Grapefruit	Avocados Mushrooms Soybeans Rhubarb Millet Apricots Peaches Bananas	
Optimum pH for HUMAN BLOOD	7.0	Most Ta Municipalities adjust t Optimum pH for HUN	ap water to be +/- 7.0	Butter, fresh, unsalt Cream, fresh, raw Milk, raw cow's Margarine Oils, except Olive	
It takes 20 parts of ALKALINITY	6.0	Milk, Yogurt Most Grains Eggs Kidney Beans Processed Juices Brown Rice Sprouted Wheat Bread Oysters	Fruit Juices Soy Milk, Goat's Milk Fish Lima Beans Rye Bread Cocoa Oats Cold Water Fish	Cooked Spinach Coconut Tea Plums Spelt Rice & Almond Mill Liver Salmon, Tuna	
to neutralize 1 part ACIDITY in the body	5.0	Cooked Beans Sugar Potatoes w/o Skins Garbanzos Butter, salted Wheat Bran	Chicken & Turkey Canned Fruit Pinto Beans Lentils Rice Cakes Rhubarb	Beer White Rice Navy Beans Black Beans Cooked Corn Molasses	
Acidic				monussus	
pH Consume	4.0	Reverse Osmosis Water Coffee Pistachios Cranberries Wheat Popcorn	Distilled & Purified Water White Bread Beef Prunes Most Nuts Peanuts	Most Bottled Water & Sports Drinks Blackberries Sweetened Fruit Juices Tomato Sauce	
sparingly or never	3.0	Lamb Shellfish Goat Cheese Pasta Worry Tobacco Smoke	Pork Pastries Soda Pickles Lack of Sleep Chocolate	Wine Cheese Black Tea Stress Overwork Vinegar	

**Seychelle's proprietary Ph₂OPURE filter increases the alkalinity of tap water up to 9.5pH range. Actual pH reading after filtration will vary.

WHAT CAUSES ACIDITY IN YOUR BODY?

- Alcohol and drug use
- Antibiotic overuse
- Chronic stress
- Low levels of fiber in the diet
- Lack of exercise
- Over-exercise
- Excess animal meats in the diet (from non-grass fed sources)
- Excess hormones from foods, health, and beauty products

- Exposure to chemicals and radiation from household cleansers, building materials, computers, cell phones, and microwaves
- Food coloring and preservatives
- Pesticides and herbicides
- Pollution
- Processed and refined foods
- Shallow Breathing

SHORT-TERM AND LONG-TERM EFFECTS OF ACIDITY IN YOUR BODY CAN LEAD TO:

SHORT-TERM EFFECTS

- Allergies, asthma, and congestion
- Fatigue
- Headaches
- Inflammation
- Joint and muscle pain
- Skin problems
- Ulcers
- Weight gain
- Nausea
- Excess gas and indigestion
- Vitamin/Mineral deficiencies

LONG-TERM EFFECTS

- Arthritis
- Cancer
- Diabetes
- Fibromyalgia
- Heart disease
- Multiple Sclerosis
- Osteoporosis
- Stroke
- Heart Attack

THE SOLUTION TO pH IMBALANCE AND CONTAMINATED WATER





Currently only available in our 28oz Bottle and our NEWEST Water Pitcher.

•The most field and laboratory tested product of its kind in the world

•Reduces and removes contaminates by 99.9% including Radiologicals, and naturally increases alkalinity up to 9.5pH*

The pH2OPURE filter naturally alkalizes your water and provides an efficient, convenient, and inexpensive way to have safe and healthy drinking water. This filter is designed to be used as a drinking water filter for use with chlorinated municipal water.

*Actual pH reading after filtration will vary.

PROVEN RESULTS: Over 300 tests conducted in 41 countries and 6 million sold!

Contaminants	Potential Health Effects per EPA	Reduction %
Volitile Organic Compounds		Seychelle
Bromodichloromethane*	Muscle, nervous system damage, cancer	>99.73
Bromoform*	Muscle, nervous system damage, cancer	>99.46
Benzene	Cancer, leukemia, anemia	>99.50
Chloroform*	Muscle, nervous system damage, cancer	>99.50
Chlorobenzene	Liver, kidney, nervous system damage	>99.20
Dibromochloromethane*	Muscle, nervous system damage, cancer	>99.46
Carbon Tetrachloride	Cancer	>99.63
1.1-1.2-1.4 Dichlorovenzenes	Liver, kidney, lung damage, cancer	>99.71
1.1-1.2 Dichloroethane	Cancer	>99.80
1.1-1.2 Dichloroethylene	Liver, kidney, nervous system damage	>99.80
Ethylbenzene	Liver, kidney, nervous system damage	>99.53
ИТВЕ	Cancer	>99.80
Styrene	Liver, kidney, nervous system damage	>99.43
1.1.1-1.1.2 Trichloroethane	Liver, kidney, nervous system damage	>99.76
Trichloroethylene (TCE)	Cancer	>99.76
Toluene	Liver, kidney, nervous system damage	>99.80
Total Xylenes	Liver, kidney, lung, mucous membranes	>99.90
Tetrachloroethane	Pending study	>99.76
Tetrachloroethylene	Nervous system damage, cancer	>99.80
Frichlorobenzene	Liver, kidney	>99.80
Dibromochloropane (DBCP)	Reproductive system damage, cancer	>98.00
Polychlorinated Biphenyls (PCB)	Endocrine disrupter, cancer	>94.50
4.4 DDD and DDT	Cancer	>98.80
Vinyl Chloride	Liver, immune system, nerve damage	>99.80
Arochlor-1260	Cancer	>94.50
*Trihalomethanes		
norganics		
Aluminum	Respiratory, nervous system disorders	>90.00
Arsenic	Skin, nervous system disorders	>47.00
Cadmium	Kidney Damage	>85.75
Chromium	Liver, kidney, circulatory system	>93.72
Copper	Gastroenteric diseases	>98.50
Lead	Highly toxic to infants and in pregnancy	>99.00
		>99.25
Mercury	Kidney, nervous system Spleen hemorrhage, diuresis	
Nitrates & Nitrites	Cancer, birth defects	>88.43
Chlorine Risidual	Interferes with disinfection	>94.10
Furbidity Radon 222		>85.00
	Cancer	>99.00
Total Suspended Solids		>99.00
Radionuclides		
Alpha Radium 226	Increased risk of cancer	>99.99
Gross Beta	Increased risk of cancer	>99.99
Radon 222	Increased risk of cancer	>99.99
Uranium	Increased risk of cancer, kidney toxicity	>99.99
Plutonium	Increased risk of cancer, kidney toxicity	>99.99
Cesium 134 & 137	Increased risk of cancer	>99.99

A SURVIVOR'S TESTIMONY

THE QUALITY OF YOUR DRINKING WATER DIRECTLY **AFFECTS YOUR HEALTH**

Quote from Robert Jones, NASA astronaut and cancer survivor:

"I have reviewed the laboratory test results of Carl Palmer's filters and found that 99.9% of contaminants were removed to provide healthy water for human consumption. Mr. Palmer's innovation will benefit humankind, where contaminants are present in the water and at the same time his pH water filtration system will help reduce the illness such as cancer as well as other conditions. I am living proof."



February 7, 2015

My name is Bob Jones and I work for NASA as Technology Control Officer, Center Export Administrator, and Small Business Innovative Research Program Manager. I and cancer survivor three times over. I served in the United States Air Force for over 23 years, is graduate of Air Force Test Pilot School, Aarospace Vehicle Test Course, specially trained as next generation astronaut that included Space Shuttle, manned and ummanned space vehicles. I am also a anaduate of National Test Plint School. I hume specially trained as next generation astronaut that included Space Shuttle, manned and unmanned space vehicles. I am also a graduate of National Test Pilol School. I have Bown many different alrcraft and also launched many rockets including ballistic missiles I was instrumental in receiving Medal of Technology for breaking several work records with advanced space launch vehicles and commanded but the Devictors Origina I was instrumental in receiving Medal of Technology for breaking several world records with advanced space launch vehicles and commended by Vice President Qualt. Throughout my Air Force and NASA career, I have been involved in research and development. I have researched the glyco protein and hydration in the cellular level development. I have researched the glyco protein and hydration in the cellular level development. In the research was to heln my mother in law to overcome her cancer that her and discovered the research was to heln my mother in law to overcome her cancer that her development. and unscovered that injuration or dens nate inspiration uncount in one national usary. The reason for the research was to help my mother in law to overcome her cancer that had

Purpose of this letter is to share my experience about what happened to me. When I lost my oritics in 2007, I did not know that I had a category A4 metastasis papiliary dorinoma cancer. Several doctors that I we visited, to be exact, four doctors, did no know how serious my condition was. All of the doctors missiagnose me with different and the so cold, sinus problem, are infection, upper respiratory infection, and condition. Juck no so uspected cancer that had already metastasis in my body, unlit monthin site that I go and see another doctor that he knew in Beverly Hills, CA, when I was diagnose with metastatic cancer.

I vide subgritude with inclusion, canver, I started to look for natural ways to combat my cancer and during my research I four that the higher the pH in our body with ways to reduce the oxidation reduction polen (QRP) and increase the oxygen at cellular level would destry the cancer, per Otto Ubrary of Medicine, National Institute of Health. Albert Einstein was a friend of Ot Library of Medicine, National Institute of Health. Albert Einstein was a friend of Ott Library in cellular level to help reduce acidity and hydrate the cells by consuming i pell water (Hydrate the Celli) and pH ind presen vegetables (Food for Cells) with proper exercise to oxygenate the cells.

Loose Certificate

I have followed the regiment of drinking high pH water, eating rich green vegetables and moderate exercise to help my condition in overcoming the first cancer, which I did As soon as I deviated from the regiment and became unhealthy, eventually my cancer returned, second time in my kidney, just a year ago followed by multiple cancers in my throat after speech impairment and surround areas and micro 5mm nodules (Micro Carcinoma) in both of my lungs. I have started back on my regiment and also received treatment at UCLA due to second metastasis, this time category 4B metastasis cancer and recovered from speech impairment. I now continue to drink filtered pH water and consume phyto-chemical rich high pH green vegetables to help reduce recurrence of cancer

During my course of research, I have met Mr. Carl Palmer a brilliant up most respected water filtration expert, whom I came to know in 2009, looking for ways to reduce contaminants in drinking water and hydrate the body with clean high pH water with negative ORP, after all our body is made up of about 70% water. The important fa The important factor during my research was the fact when the water pH is raised, the water cluster count is reduced almost 50%, and therefore human body can quickly absorb the water to hydrate the cells. In order to consume the pH water, with high negative ORP, helping cells to readily absorb the clean water and reduce oxidation, the water needed to be free of contaminants in order to properly hydrate the cells to aide in healthy state at cellular level. I have reviewed the laboratory test results of Carl Palmers' filters and found that 99.9% of contaminants were removed to provide healthy water for human consumption. Mr. Palmers' innovation will benefit humankind, where contaminants are present in the water and at the same time his pH water filtration system will help reduce the illness such as cancer as well as other health conditions. I am a living proof

If you have any questions please fool from to --

Best Regards,

Bob Jones

National Aeronautics and Space Administration

Robert A. Jones CEA/TCO/SBIR Program Manager NASA Management Office NASA Headquarters Mail Suite 200J 4800 Oak Grove Drive, MS 180-200 Pasadena, CA 91109



www.nasa.gov

PAST AND PRESENT RESEARCH WATER, pH, AND GOOD HEALTH

The Acid Alkaline Balance Diet By Felicia Drury Kliment



"That the injury of the arterial was by acid particles is the major cause of high blood pressure is strongly indicated by the clinical studies of Dr. Kancho Kuninaha, who successfully lowered the blood pressure of many of his patients with alkaline water. "

Water Fit to Drink By Carol Keough



"As Americans, we have always been a little smug about our water. The first question we ask a travel agent before setting foot on foreign shore is "Is the water safe to drink?" "But we have little reason to be smug. Our water is fast becoming a national scandal [Published in 1980]. Congress is grappling with the problem of how to protect, or at least compensate, people victimized by industrial poisons – buried decades ago-- that have leached into local water supplies."

The Acid-Alkaline Diet For Optimum Health. *Restore Your Health by Creating pH Balance in Your Diet* By Christopher Vasey, N. D



"Enzymes are the little 'workers' responsible for a large number of biochemical transformation that are necessary to physical function. Digestion, assimilation, growth, tissue repair, elimination, energy production, and more all dependent on the activity of enzymes. When the body is dehydrated, it becomes acidified with substances it has created itself."

The Acid-Alkaline Food Guide By Dr. Susan E. Brown and Larry Trivieri, Jr.



"....each minute of every day the body's metabolic processes produce enormous quantities of acid even though, in order to do their jobs properly, the cells and tissues require a slightly alkaline environment. Therefore, in order to maintain its health, the body must neutralize or excrete the vast majority of acids that it produces on a minute-to-minute basis. Healthy bodies maintain a narrow range of pH blood and tissue balance is one of the most essential elements of optimal health, while imbalances between acid and alkaline compounds are certain signs that the body is in danger of becoming unhealthy and increasingly susceptible to disease."

Clean Remove, Restore, Rejuvenate By Alejandro Junger, M.D. with Amely Greeven



"Seventy percent of the Earth's surface is water; our bodies are also seventy percent water. It is one of the essentials of life. Without enough water, the cells cannot function properly. Water is essential for detoxification, because our bodies eliminate most waste products with the help of water —in urine, in feces, which need enough hydration to move, and also in sweat. Most people today are dehydrated not only from not drinking enough water, but also because many foods and drinks, especially caffeinated ones, soda and alcohol, have a dehydrating effect.

The Ultimate pH Solution: Balance Your Body Chemistry to Prevent Disease and Lose Weight By Michelle Schoffro Cook, DNM, DAc



"It can be difficult to find alkaline water from traditional sources, let alone water that will have a significant alkalinizing effect on our body. And yet alkaline water gives us tremendous health benefits. ... The quest for pure, alkaline water has led to considerable growth in the water filtration industry – and considerable growth in unscrupulous products, gimmicks, and schemes as well. No filter will remove every contaminate. Specific filtration technologies tend to focus on a certain type of water problem. Some are better at removing inorganic pollutants, such as heavy metals and chemicals, while other are more effective on organics intruders, such as viruses and bacteria. ...It is important to do your homework to find the best option for your water needs."

IT'S YOUR CHOICE. IT'S YOUR HEALTH.

I want to thank all who have come before us who have had the interest and taken the time to discuss, research and discover what may very well be the keys to human health...filtered, naturally alkaline drinking water.

We are not health practitioners or experts in health care. We make no claims that the publicly available information contained in this presentation are fact, but after 40 years dedicated to providing the world with clean water, I strongly believe that by filtering out inorganic, heavy metals, and volatile organic contaminates, and by naturally increasing alkalinity, we produce a drinking water that is as good as it gets for hydration and health. This is precisely why we developed our new pH2OPURE product line.

We hope you will consider the information we've outlined, along with all the other information available about human health, vitality, and longevity when forming your own opinion. Please consult your health care professional to treat or cure any ailment you may have. We wish you a healthy, prosperous, and full life.

Respectfully yours,

Carl Palmer & the Seychelle Team Seychelle Environmental Technologies Inc. 32963 Calle Perfecto San Juan Capistrano, CA 92675 <u>www.seychelle.com</u> Brown, Susan E., Trivieri Jr., Larry. (2013) *The Acid-Alkaline Food Guide*. Garden City Park, NY: Square One.

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www.cdc.gov

www.epa.gov

"The products and statements made regarding specific pH products manufactured by Seychelle Water Filtration have not been evaluated by the United States Food and Drug Administration (FDA) and are not intended to diagnose, treat, cure or prevent disease. All information provided in literature or on the company web site; or any information contained on or in any product label or packaging is for informational purposes only and is not intended as a substitute for advice from your physician or other health care professional. You should not use any of this information for diagnosis or treatment of any health problem. Always consult with a healthcare professional before starting any new program if you have or suspect you might have a health problem."