

**THE**



# PHOENIX LIBERATOR

*"THE TRUTH WILL SET YOU FREE"*

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## Poisoned Groundwater Golden Hills "Just" Typical Case

**9/9/92 #2 HATONN**

Everyone on community or utility water systems—CHECK YOUR WATER. There is being MASS contamination of water systems and introduction of substances into the air which give symptoms of flu, lupus, rashes and other lesser symptoms such as dizziness, nausea and allergy-type reactions. These symptoms can be minimal to severe.

Worse, the local utility or community services district personnel will tell you to "boil" the water for safety. They are also authorized to tell you (at least until we got into it) that it is NOT bacterial or microbial. LISTEN UP—if the contaminate as they describe is particulate and not microbial, the boiling will ONLY INTENSIFY AND CONDENSE THE RATIO OF SUBSTANCE TO WATER JUST AS IN "BOILING DOWN" GRAVY OR SYRUP TO THICKEN. WHEN CONFRONTED WITH THIS FACT THE SPEAKER AT THE FACILITY WILL BE TOTALLY CONFUSED FROM HAVING A STORY CONFRONTED, AT WHICH TIME YOU MAY GET SHIFTED OFF TO A HIGHER

**AUTHORITY.**

In the Golden Hills Community suburb of Tehachapi, CA (which has a separate water supply from the City of Tehachapi proper) a class action suit is being filed today or not later than tomorrow. I suggest if this contamination is afoot in your community—get busy likewise. The problems are covered by "breaking filters", "high pressure rupture"—all sorts of totally obscene cover-ups. ***Symptoms in this water supply have been complained of for some two years with worsening symptoms until it became so obvious six weeks ago as to really make the community sick. Now the water shows color changes and notices had to be sent -- however NOTHING WAS DONE UNTIL THE BOARD OF HEALTH WAS SUMMONED AND IT COULD NOT BE LONGER HIDDEN. THE WORST FACT IS THAT ALL WHO HAVE HAD THIS WATER NOW CARRY A CRYSTALLINE VIRUS WHICH WILL AFFECT THE BODY AS DOES A HERPES VIRUS WHEN THE IMMUNE SYSTEM IS DAMAGED OR THE BODY IS COMPROMISED BY STRESS, ETC.***

Do not ask me what can be done, please,

because the answer is "nothing" to you who have paid the price for the FDA because they have carefully removed the legal means of obtaining the natural substance which will destroy the little bugger. If I speak further about helpful substance, the phone lines are tapped and we shall be silenced.

**THIS IS BEING DONE ACROSS THE NATION. DIRECT CONTAMINATION IS INTRODUCED INTO AREAS SUCH AS FLORIDA WHERE WATER IS COMPROMISED.**

**9/10/92 #1 HATONN**

There is what is going to be called an epidemic of Hepatitis B and Hepatitis C sweeping across California. I think you now must realize that it is a DNA-created replication of the Hepatitis-causing organism and it is now introduced into great bunches of water supplies. It is all but impossible to isolate or visualize and true "damage" to the physical is delayed in showing chronic effects. Left without counter measures, this will soon be placed

Please see **POISONED GROUNDWATER**, page 12

### **To Our Readers**

Serious diabolical scheming is afoot by the Globalist masters and their stooges to poison our nation's water supplies, and in so doing incapacitate *We The People* from weeding out those crooks in High Places. Locally, several thousand residents in the Golden Hills suburb of Tehachapi, CA have become furious (not to mention sick) over longstanding denials and coverups about a contaminated water supply. Meanwhile, our nation's groundwater supplies are linked with and affected by other aspects of the planet's "circulatory" systems. We herein also address those greater issues since underground radioactive lava and toxic gas flows only add to the seriousness of the problem we now face.

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# Earthquakes And Volcanoes: More Connected Than Most Think

*(Editor's note: We are here presenting an extremely important geophysical lesson from Commander Soltec, linking earthquakes and volcanoes, that originally was written two years ago. The writing was prompted by the great significance of a seemingly innocent earthquake in Northern California at that time. The material presented here takes on special urgency now that the "rotten egg" sulfurous gas emissions are no longer able to be hidden in the greater Southeastern Los Angeles area. Don't read the following if you prefer to think that all is well in this corner of Mother Nature's garden.)*

**10/24/90 #1 SOLTEC/HATONN**

## TODAY'S WATCH

Hatonn present in service unto God and Man—within the Light of Truth. So be it. I ask, Dharma, that you avail yourself and service, briefly, to Commander Ceres Anthonious Soltec for, before we write this day, I must call urgent attention to you ones. There has been a rather small earthquake within the past 12 hours in northern California which bears great importance. It is a sign to you ones who will "see" and "hear". The quake itself is not of great importance; it is the fact that it is in the area of Lee Vining (close to Yosemite) but that is not the point. It epicenters in the area where the radioactive "bulge" of molten matter made radioactive by your Nevada testing is "coming to a head". This quake has two points of interest—it tells you where first the toxic material might surface and also relieves a bit of pressure from the "cone" itself. I move to stand-by, thank you.

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## NORTHERN CALIFORNIA EARTHQUAKE

Soltec present to speak of general information regarding the type of quake just experienced in this most important area. I am responsible for the command following most closely your earth changes in a "geophysical" attitude and, hopefully, allow you ones to have knowledge regarding these changes and "possibilities" involved. I can also tell you what to look for relative to a given action as follow-on. Please do not ask me to define explicitly in "Earth time frame". We calculate possibilities and

probabilities by "sequence of events". I shall also make it as simple for general understanding as I can find words to fit descriptions.

The relatively small quake in point was experienced in California to the coastal area near and around San Francisco as well as throughout portions of Nevada (most important indeed). To allow understanding to the "lay" public, I must first speak of vulcanism in general. Therefore, I ask ones who know all this information to please be patient, for we find that 99.9% of the human masses do not have the foggiest idea of that which we outlay unto you.

## VULCANISM

The term "vulcanism" implies volcanoes—and they are, to be sure, a spectacular product of it. But vulcanism involves much more than mere volcanos. *Any invasion of the earth's crustal zone by magma from below is properly called vulcanism.* If the magma pushes its way far up into the crustal strata but does not reach the surface, it is termed **intrusive** vulcanism, but if the magma flows out onto the surface via volcanic or other vents, it is called **extrusive** vulcanism. (These, of course, are Earth/English words and will need translation for other language groups.)

The question may well be asked, "Why does molten material from the earth's interior force its way into and through the hard rock of the crust?" This is one of the questions that has vexed your geologists for many years—not only, "Why does magma invade the crust?" but, "Where precisely does the magma originate?" It is obvious to you "close" observers that release of pressure on the interior of the earth by deformation and fracturing of the crust triggers the outward movement of magma, but whether it originates initially at the earth's core, the mantle, or even the crust itself is difficult for you to determine for you have not enough knowledge or ability to research those pressures and temperatures to reach valid, provable conclusions.

**It depends on the TYPE of volcanic activity.** Most volcanos tap only relatively shallow source regions; however, this does not obviate the deep-seated sources for certain types of volcanic activity.

Nearly all major mountain masses are underlain by intrusive masses, and fre-

quently there is some sort of extrusive vulcanism in evidence as well—simply through visual observation. Mountain-building mechanisms such as folding and faulting cause vulcanism, but vulcanism, once set in motion, can be a potent mountain-building mechanism in its own right. Massive intrusions may lift and warp the surface layers, and extrusive magma, finding its way to the surface through faults, can build huge piles of volcanic rock. Also, intrusions may be exposed by the wearing away of the softer overlying strata by erosion, and the hard igneous mass will stand up as highlands. The Adirondacks and mountains of New England, for instance, are of this type.

Please understand that I am speaking of the United States in this instance for this is where the scribe can have association and this is where the subject in point has and is occurring. The information is valid for all Earth locations geographically.

Other examples are the smooth lava flows in Alaska's Valley of the Ten Thousand Smokes which poured out of a volcanic vent just a few of your decades past and still have the appearance of motion as observed. Today the area, Katmai National Monument, as you have named it, has only about 100 smokes active. It is, however, an area only in the "sleeping".

Another great example of a landscape filled with volcanic plugs, the Kapsiki Mountains in Cameroon, is far different in visualization. Where each great "protrusion (plug of rock lava) was once a live volcano, its vent filled with molten lava. As the volcano expired and eventually eroded away, only the solidified igneous rock, relatively harder and more resistant, has survived for your modern-day viewing.

## INTRUSIVE VULCANISM

### BATHOLITHS AND STOCKS:

The largest of the intrusive masses is the **batholith**, found to underlie every major mountain system and frequently exposed at the surface as the roots or cores of ancient mountains that have eroded away. But the batholith is not merely the upper margin of the monolithic Sima volcanics. It is a lobe that has forced its way well beyond that into the sedimentary (or altered rock) layers that form the continental epidermis, because of lessened pressure as a result of diastrophism. As for

size, a **stock** is simply indication of "size". There is not "reason" of two terms other than somebody felt it helpful to describe the "bulging" or "hat" under the surface as a **batholith** if over 40 miles in area and a **stock** if smaller. Both will be found in the same "bulge".

The batholith and stock are coarse-grained igneous or plutonic rock that has obviously cooled slowly deep underground. At their point of contact with the stratum above is a metamorphosed aureole or baked zone where the combination of heat, pressure, magmatic fluids and gases have commonly given rise to concentration of useful minerals.

For practical Earth purposes you may as well regard as essentially "bottomless" structures, and intrusive rock has not been "seen" to actually crystallize as extrusive lavas have. You are, as usual, dealing again with conjecture on your placement and it serves well enough in concept.

#### LACCOLITHS:

On a much smaller scale than the batholith are several other kinds of magmatic intrusions. One of these, the **laccolith**, has some of the character of a small batholith or stock except that it is fed from below by a tube cutting across the overlying strata like the conduit of a volcano. However, where the volcanic bore gets into the surface rocks, magma rising up the laccolith feedpipe loses some of its impetus and spreads out between two flat-lying rock layers, eventually forming a lens-shaped mass that lifts and bows the surface into a dome and this is indeed most important to the subject in point.

#### SILLS:

Similar to the laccolith but much more common is the **sill**. In this case the invading magma spreads out as a flat sheet, often for many miles, but does not throw up the overlying layers. Sills come to your attention when erosion exposes an edge as a sheer wall, often darker and harder than the surrounding rock. The down-cutting Hudson River, as example, has revealed a sill in the Palisades that is particularly striking because of the columnar jointing of the cooling magma. Another major feature standing out in a moderately subdued landscape is the Great Whin sill of Northumberland, England. The black escarpment describes a 100-mile crescent from the Pennines to the sea, and since its steep side faces northward, it was seized on by the Romans as the foundation for Hadrian's wall. Again, within the U.S., you will have a good example in the Black Canyon of the Gunnison.

#### DIKES:

If the invasion of the surface layers is in the form of a thin sheet cutting sharply across all horizontal strata but falling short of intersecting the surface, then you have a **dike**. Visualize a sill turned on edge,

except in the case of a dike it draws magma from its entire lower edge rather than from a bore or conduit. Dikes often occur in swarms, most frequently radiating from a volcanic vent. If the resulting igneous rock is harder than that which surrounds it, erosion may lay bare the solidified magma in the volcano conduit as a **neck** or **plug** and the radiating dikes as long narrow ridges. Ship Rock, New Mexico, is an outstanding example. One can see the radiating dikes exposed at the surface and Ship Rock itself is a volcanic **plug**.

#### PEGMATITES:

Note that although the originally molten rocks involved in intrusives are properly classified as plutonics and should therefore display a coarse granularity, only the batholith or thick sill is highly typical. Generally, the smaller intrusives isolate the magmatic melt into such thin or limited quantities that cooling is quite rapid and crystal formation is impaired. However, it is possible that a long intrusive finger may keep its contact with the molten mass below and selected gases and fluids will find their way into this backwater (**pegmatite**). Occasionally, crystals will grow to huge size under these unusual conditions. In South Africa mica crystals have been encountered measuring 10 to 15 feet in width.

### EXTRUSIVE VULCANISM

#### VOLCANOS:

Volcanos are, of course, of particular interest not only because of their unpredictable explosive habits but because of their impressive structure. They tend to follow fault lines, and thus the world's great seismic zones. Faulting, earthquakes, and volcanos go together, and faulting is the basic cause for the other two. The Pacific's unstable margin is often popularly referred to as the "**Pacific Ring of Fire**" because of its extensive volcanic activity. Everywhere, cones of all sizes, both active and dormant, are evidence of continuing vulcanism.

It is foolish indeed to ever refer to any volcano as "dead". Dormant is your word most suitable for use and should be used if there has been no eruptive activity in historical time. Even historic time is not sufficient. For instance in 79 A.D., your labelled "Vesuvius", was not even a very imposing landform which was half hidden inside the broken remnant of the older Monte Somma and had never erupted in the memory of human inhabitation. There were not even any fanciful legends of vulcanism, so long ago had been its most recent activity. Yet in that fateful year Pompeii was buried in a great blast of fiery ash and Herculaneum was overrun by repeated flows of hot mud. Then for sixteen centuries there were only ten additional major

eruptions. But in 1631, after 130 years of quiescence, Vesuvius began its modern, more frequent eruptive cycle marked by increased lava flows that had been of little consequence earlier. So today Vesuvius is by any measurement active, its personality changed considerably from its former self; and if Somma is any evidence, there have been many times in the distant past when Vesuvius and its precursors have surprised the sleepy folks along the Bay of Naples.

The United States' own Cascade Mountains, pimped with 600 miles of snow-capped cones, must be regarded as merely dormant. Lassen Peak, the least spectacular of the lot, was active in 1914-15, but there has been a tendency to think of the others as "scenery". All are very new, geologically speaking, scarcely mutilated by erosion, and this, of course, is why they make such outstanding scenery. But by the same token, dear friends, they are more likely to be alive than dead after such a short time span. Evidences pointing to just such a likelihood are very modern cinder cones all around the base of Mt. Shasta, another in Crater Lake, recently discovered by your own geologists, hot spots high on the slope of Mt. Rainier and Mt. Baker, and Mt. Lassen itself.

### VARIATIONS IN ERUPTION

No two volcanos are alike in their eruptive habits and as you have seen from the Vesuvian example, an individual volcano is often capricious. Some are spewers of ash, like Irazu in Costa Rica, which erupted continuously for almost two years (1966-1968), subjecting the residents of the capital city, San Jose, to a seemingly endless rain of thick dust. Others eject lava but with variation: Vesuvius goes off violently with loud explosions and gushes of lava streaming down its flanks; Kilauea, the Hawaiian crater, quietly spills lava over its lip with a minimum of fireworks; Strombolian lava, cooling and crusting over lightly in the crater, traps gases beneath it, which explode every half-hour throwing incandescent clots high into the air. Then there are the spasmodic eruptors whose conduit becomes clogged with hardened igneous rock between eruptions. With a cork in the bottle, so to speak, it is not uncommon for the increasing pressures to blow out suddenly through a weak spot on the side of the mountain. This is what happened to Mt. Pele on Martinique in 1902. Internal pressure started the cork, pushing it out of the vent in the form of a high spire, but before it could wholly clear the passage the side blew out. A dense cloud of intensely hot gases and self-exploding lava mist swept down the slope to the sea, completely wiping out the town of St. Pierre in an instant.

## CALDERAS

There is yet another kind of happening that involves the reverse of eruption, that is, a sudden emptying of the magma chamber. When this occurs, the entire top of the mountain, lacking support, collapses and is engulfed into itself. The end result is a huge crater-like pit called a *caldera*. Crater Lake, Oregon, is one of these. It is not a true crater because glacial evidences on the contemporary slopes indicate that a peak of over 12,000 feet must have existed to support full-blown glaciers. This reconstructed volcano, dating back probably some 8000 years, has been named posthumously Mt. Mazama. But volcanos can blow their tops—how do you know that it collapsed rather than blew up? You can know because the entire surrounding countryside would have to be covered with debris from the old peak and there simply is none. So now you are faced with the question, what causes the abrupt evacuation of a magma chamber? And you have no certain finite answer.

Of more recent origin than Crater Lake is the caldera of Krakatoa, an island just off western Java. On August 27, 1883 there were four tremendous explosions, the last of which was heard 3000 miles away in Australia. A towering dust cloud was thrown up, noticeable around the world for two years, and a great tidal wave drowned 36,000 people. Subsequent investigation revealed that a deep pit had replaced two-thirds of the island but that despite the dust and ash ejected, the bulk of the island had collapsed and the sea had rushed into the resultant caldera. The area is still indeed active. A new volcanic island is building called by you, Anak Krakatoa (child of Krakatoa). But even the original Krakatoa was merely a remnant of an earlier, much larger island. Like Vesuvius, standing in the breached caldera of Somma, generations of crustal ulcers appear on occasion to be healing but the infection distressingly reasserts itself again and again when least expected.

## LOSS OF LIFE

On recounting the loss of human life from volcanic disaster through the centuries, one might be inclined to wonder why anyone would choose to live with volcanos as neighbors. But if a given cone can be classified conveniently as "extinct, local residents come to love it, are inspired by its majesty, or even regard it as divine—that "the mountain" could be venomous and turn on its friends is unthinkable, until, of course, it does so. Agricultural people are drawn to the frequently fertile lava soils, willing to take an unknown risk to derive a known livelihood. And if the giant should cough up rejuvenating showers of ash pe-

riodically, so much the better. Anyway, absolute security is not a guarantee of living anywhere. Why would anyone choose to live in earthquake country, tornado alley, or along hurricane coasts? The law calls these "acts of God", and God seems, in the short run, less lethal than midtown or freeway traffic, which threatens you all on a daily basis.

## CLASSIFICATION BY CONE SHAPE

The simplest classification of volcanos is on the basis of the shape of the cone. Most of them fall generally into one of three types that are easily recognizable, and the cone shape also gives some indication of the type of ejecta and the eruptive habits of the volcano.

First, there is the *cinder cone*. This is the product of a violently explosive volcano where the lava has solidified in the vent, forming a plug. The accumulation of steam and magmatic gases gradually develops sufficient pressure to blow the plug with such force as to shatter it into tiny fragments (called *cinders* and *ash*), and these are deposited in a symmetrical pile around the vent, the larger particles nearest the vent and the finer ones farther away. The resulting cinder cone is steep sided (around 37 degrees, the maximum angle of repose of unconsolidated material) and usually symmetrical (Mt. Asmara in Ethiopia). Although evident in many parts of the world, the cinder cone seldom achieves any great size, as erosion rapidly wears away what is essentially merely a pile of loose material. The disappearing islands of the Pacific are often mere cinder cones, where an eruption may throw up a pile of solid ejecta above the ocean level to be visible for a few days or months until wave action removes it.

The second type of volcanic cone is called a *shield* or *dome*. Here a quiet flow of fairly fluid lava issues from the vent, forming a vast low-angle cone as it cools. Mauna Loa-Mauna Kea whose 13,000-foot tips form the island of Hawaii is an excellent example of this type of cone, and if the low angle of the island's slope is traced to the sea bottom some five miles deep, the true size of this twin cone becomes apparent.

As often as not, however, a volcano passes through several stages in its history, alternating between explosive eruptions and lava flows. The resulting cone develops a combination of the low-angle shield and the high-angle cinder cone. These are *composite* or *strata* cones and display concave slopes with a sharp peak. Imagine first a cinder cone, but before it can erode away, it is overlain by lava flows. Then built on top of this another cinder cone, followed again by lava. The end product looks like Fujiyama, Shasta,

Ranier, or Egmont, the world-famous volcanos that inspire poets and legends. The most tell-tale concave slope development, however, is shown by Mt. Shishaldin in the Aleutians which is smoking and active today. Its classic shape is totally unscarred by any type of erosion as it continues to build. Currently, Shishaldin towers well over 9000 feet above sea level and almost 40,000 feet above the ocean floor and growing.

The four formerly mentioned volcanos are considered dormant, but El Misti in Peru is equally as impressive and still active, as is Mayon in the Philippines. Mayon, despite its generally low elevation and lack of picturesque snowcap, is reputed to be the most perfectly shaped of the world's composite volcanos. **I URGE YOU TO NOT BE FOOLISH IN YOUR ATTITUDE THAT THESE "DORMANT" GIANTS ARE CONTINUING IN DORMANCY. THE ENTIRE OF THE CASCADE CHAIN IS AWAKENING.**

Now, let us turn to a most important link-up with information regarding the current quake in point:

## FISSURE FLOWS

Lava, in pouring out onto the Earth's surface, does not always issue from volcanic vents; it may well out of faults or fissures many miles in length. If the lava is highly liquid and the terrain fairly subdued, such *fissure flows* have been known to cover thousands of square miles and build up extensive plateaus as in Eastern Washington, Eastern Oregon, Southern Idaho, and Northern California, U.S.A. The bulk of peninsular India is also of this origin. In Washington the Columbia River Gorge and the Grand Coulee reveal along their sides a banded layering of differing colors and textures, each of which represents a separate flow. On occasion, the hot lava will be heavily charged with gases, and as the lava cools, the escaping gases leave holes in the rock, making it extremely porous. Water will occasionally flow through the permeable (*scoriaceous*) rock as though it were a pipe. It is also possible that in a moderately viscous flow, with the surface cooling and congealing through contact with the atmosphere, the hot, still liquid lava underneath will run on and out leaving an igneous cave.

## SO WHAT, SOLTEC?

If you reason carefully regarding the quake in point, you can determine the situation and watch for further example or increased activity—in any and all directions. This can allow you to begin to determine likelihood of damage and extent of passage of radioactive material from the Nevada testing site. Because of underlying



strata, the flow will be toward the Pacific Sea and will, obviously, affect the immediate areas around the site of the "caldera" container and the direct fissure network radiating to the sea.

It would be expected then, that material flowing from the nuclear testing center in Yucca Flats outside of and north of Las Vegas would flow along fissure lines into Death Valley and thus and so, however, this is a false premise. A brief and general outlay of descriptive flow from Yucca Flats test grounds would be between the Spring Mountains to the west and the Spotted Range and Sheep Range to the east, moving through and into "Devil's Hole" which I believe is one of your National Monuments north of the town of Pahrump, Nevada, on the south edge of the Amargosa Desert east of the Amargosa Mountain Range and scattering in all directions. The most open and active fissure, however, runs on through (under) Sarcobatus Flat, between the Inyo and Toyabe National Forests and pools in the major underground-to-surface cauldrons beneath Mono Lake. Mono Lake is not formed for no reason, dear friends, and it is quite a toxic lake in its already pristine state. **Lee Vining is at Mono Lake!**

Does this mean the only danger from radioactive material problems would be along that route, then scattering out from the Mono Lake Bulge (which by the way, is under water for the most part)? No, it means that it is where the weakest surface portion of the landscape lies. The fissures running into Southern California are much more extensive but are deeper and less likely to show surface bulging. The flow, however, is much easier with much less interference from strata mass. **THE MAJOR FISSURES ALL END UP AT THE SAN ANDREAS FAULT!**

When you hear of the prophecies expecting death from open fissures exuding death-causing vapors—it will be from toxic substances, yes, but deadly because of radiation from foolish man-made experiments of nuclear materials.

How much will surface, if it surfaces? I cannot answer for it depends upon pressure buildup, pressure slippage vs. man-caused slippage and extent of flow. **You can expect deadly gasses to spring from what you call Lake Elsinore and on down to the Salton Sea. These gasses may or may not be, radioactive. Watch the type of tremors for you can know if a quake is felt over a large area, it is a bit deeper than a little surface jolt. It means a lot of deep churning and activity in radiating fissures.**

*(Editor's note: Remember this was written two years ago and just in recent weeks are the sulfurous gases—"smelling like rotten eggs"—being noted throughout South-*

*eastern greater Los Angeles and pinpointed to be emanating from fissures in the Lake Elsinore and Salton Sea areas! See story below for Soltec's recent comments on the gaseous eruptions now occurring.)*

Since you do not yet show surface fissures to any great extent and very little surfacing material at this point, you can surmise it is still in the "intrusive" stage and moved into the "sill" stage from and forming additional "laccoliths". **The area at Mono Lake represents a batholithic/stock in a location not noticed easily through visualization.** The lake is not "just getting lower from depletion of water" but is also more shallow from the "rising" of the lake floor.

I am not here, Dharma, to argue points of physical geology or geography. We have great difficulty with your new names for everything—the entire area described was once at the bottom of the sea and my vision and instrumentations recognize no difference except for isolating the identification of markers for you ones.

The quake in point is of little notice except for the massive information it should be telling you. More important substance is coming forth along the New Madrid fault **but the toxic quality of the California tremor bears more destructive potential from that aspect.**

The widespread activity is indeed important but I have not the facility nor you the understanding, to outlay it all. I just ask that you be at alert. If you can understand the functioning of your "Mother's" circulatory system, you can better know where safety can be found in order to continue service in this time of transition and upheaval. You in contact and counsel with the higher energies will be given to know if you but listen—you who just desire to save your assets (of all types) will likely not hear and discount much of this information—so be it for it is most certainly up to your own acceptance.

Thank you, Dharma, for scribing this information. I realize you have neither the time nor the interest in these matters but your service is greatly appreciated for I have no receiver regarding these matters in this location. Much, much focus is given to this area geographically, and I am greatly appreciative of your willingness to entertain my input. I ask the blessings of understanding in behalf of you ones awakening from the confusion of the sleep and I am most grateful to be of whatever service I might project.

I take leave in salute unto you of our "land-locked" fellow-man. Saalome' and Salu!

- Soltec to clear.

# Rotten Egg Smell Alarms So. Calif.

**9/9/92 SOLTEC**

Soltec, present in the Light of Holy God. May these words bring enlightenment to all that will hear.

The message which I must bring forth at this time is one of seriousness; however you live in serious times. There are so many things occurring at present upon your planet, that at times you do go into a state of "overload". That is why it is imperative that you take the time from your busy lives and schedules to get quiet, clear your space, meditate and keep the cloak of protection always about you and your loved ones. Do not allow a day to pass in which you do not remember your oneness with the Creator, for beloved ones, the more serious the events get, the more you will need this, lest you lose your perspective. We need all to keep their wits about them in these times, for only with clear

minds and hearts can you possibly hear and receive. Keep in the forward of your mind and heart that each and every one involved in this mission is in that same state of overload, and give unto one another support, love and compassion. We need a team — all pulling together toward one cause — completion of this mission. Nothing you have ever done before can touch the magnitude of what you are involved in this very moment of your existence.

Though some make light of it and games over it, I can tell you beyond a shadow of a doubt that this no game. The Adversary is very serious about it, and you had better get that way. This is not to say that you should never rest and relax; just the opposite, it is crucial that your bodies and minds are rested. We do not want you so worn out that you are unable to function. Fellowshiping with one another is very

important — sharing conversation and joy with one another will help to relieve the tensions that do build as you work with such extreme intensity. All are nearly sick from the mountain of work that is done by so few. Know, however, that we of the Host do honor, bless and hold you in the highest places of endearment, for without you, this word would not be going forth, and that is after all, the most important work to be accomplished.

The subject I find pressing at this time is one that we know has had many concerned, especially those of you that reside in the state of California. It seems as though you have had more than your fair share of the "attention" lately, but unfortunately, it is most likely not going to let up any time soon.

You have, as you are well aware, constant shaking and shuddering there for more than four months now. The most recent event which has everyone concerned is the reported smell of sulphur following a recent shaking in the area of Culver City. This is related to all the other activity which has been occurring this year. What is being experienced in that place, and Chelas, could occur just about anywhere in the state, is the escape of gases from below the surface.

I shall attempt to explain this phenomenon to you. The molten core of your planet is constantly in motion. (This is because your planet is alive. Think of it as the Earth's blood supply.) There are also many fissures and fractures both at and below the surface. As the molten core moves, due to the composition of the lava, gases are produced and pressure builds. The gases present are normally carbon dioxide, hydrogen, nitrogen, oxygen and sulfur along with water vapor. The pressure must have a way to be released, and it "percolates" up through the rock and soil and quite often flows into these fissures and fractures, and continues to do so until it is either released, or is spread out over an area large enough that the pressure is equalized. Also, these gases will always take the path of least resistance.

Now, imagine for a moment that you have a build-up of pressure and it begins to move through the rock and soil and it moves into one of these fissures or fractures. The pressure continues to build from below, constantly causing the pressure to build greater and greater and it comes up against an area of solid rock or soil. Above, toward the surface, the soil is less resistant. What will occur? The gas will take the path of least resistance and move upward through the surface. If the pressure is great enough, when these gases break through the crust, there may occur what would sound like an explosion.

Now, remember, the soil in California has been literally pulverized of late, com-

pliments of your friendly neighborhood Cosmospheres, and it is now very porous, making it easier for these gases to work their way to the surface than to continue below the surface. Where the gas makes it to the surface a vent is produced.

What makes this such a serious occurrence is that should the vent empty itself — all the gas and pressure are released and there could occur a collapse of the vent. This could cause the entire area above the vent to drop to the bottom of the vent, which may be one inch, or ten feet, depending on the depth of the underground chamber. If it drops more than an inch or so, the results could be devastating, knowing that the entire area is honeycombed with fissures and fractures, making it so unstable that literally chunks of land could separate. I believe that if you extrapolate this out, you can imagine the destruction that would be caused by the subsequent earthquakes and tidal waves.

Another possibility that exists is the fact that you could see geothermal activity from this. This occurs when there is water involved, and it becomes heated from the molten core and is pushed upward by the gases until it breaks through the surface and may produce what you refer to as a geyser. This would of course, depend on the amount of water present, its proximity to the surface and amount of pressure being created. And, with all the underground facilities and tunnels, that have been created around the coast of California, not to mention the water table, there is water present.

Previously, these gases have vented in volcanoes in Columbia and the Pacific Northwest. I say this, because there are what are referred to as gas belts, natural pathways which the gases have followed for thousands of years. However, because of the recent seismic activities and pulsing prana waves that have been occurring, new fissures and fractures and weakening of the soil have taken place, and these gases are now taking new paths.

You would find, if you were able to view your planet beneath the surface, that all through the entire Ring of Fire there are several of these gas belts. This particular belt runs roughly in a north-south direction. In the area in question, however, there is also what would be referred to as a transverse belt which runs adjacent to the belt in an east-west direction, cutting across the south central portion of what is Arizona and terminates at the north-south belt. Quite interestingly, it just so happens that this adjacent belt junctures with that belt in the general area of Culver City. On the eastern edge of this transverse belt is another gas belt which runs the length of the Rocky Mountain region, from North America south into Mexico. This is not to say that everything occurring is of a natural origin.

You still have your Elite factions working feverishly around the clock pulsing the entire area, causing the already unstable fissures and faults to be even more unstable due to their man-made interferences. I can tell you, from our data and projections made based on that data, that those living in these areas are literally sitting atop a time bomb. Yet, after repeated warnings and examples of what can occur, there are those who have chosen to ignore the inevitable.

As I have addressed previously, the entire western portion of the American Continent and eastern portion of the Asian Continent, and Pacific Ocean are geologic hotbeds of activity, and as time progresses and man continues to live his life for the pursuit of material and physical pleasures, and the Elite continue their assaults, you can anticipate more and more of these events.

There may be some question as to why my teachings are about the ancient land known as Mu (Lemuria). Chelas, what is occurring at this very time is precisely the same thing that Mu experienced prior to its submergence — **AND YOU WERE THERE!** Not only are you experiencing the same types of geologic activity and the spiritual coma of man, but many of you who reside in California are living on the same soil! I suggest you ponder this thought most carefully.

Your world is in the process of changes, and nothing is going to stop this from occurring. It is the order of life — of Creation. The world is very ill, spiritually, mentally and physically. The planet is a living organism and is fighting for its very existence because of the abuses that she has tolerated for so long. (These abuses include the interference of the Elite faction.) She is attempting to heal herself, and sometimes this is expressed in what man perceives as destruction. But remember that the Phoenix rose to new life out of the ashes of destruction. What you are perceiving as destruction in the form of naturally caused earthquakes, volcanoes, tidal waves, drastic weather pattern changes, etc., is Earth's way of preserving life.

The aboriginal peoples of the Americas — the red man, has much knowledge of this, because his people are direct descendants of those who experienced the cataclysmic events of both Mu and Atlantis. This is why it is a sacred part of his life to be in harmony and balance with his planet and all that share that existence with him. They learned that lesson. Will you? Learn from your past and you will not have to repeat it. Ignore the past and you are destined to continue repeating until you do learn. The choice is yours, dear ones. We can but attempt to inform you, but you must do the choosing.

Chelas, you must consider the impact

of your current state of affairs, not only from a geologic standpoint, but also from a spiritual standpoint, for one goes hand in hand with the other, and the two can not be separated. All that we of the Host can do is attempt to inform you, but this does not relieve you of your responsibility for your own world. The decisions are difficult, the work tedious and bone-tiring, and fear is rampant. But know that God is ever

present, never failing.

I shall leave you this day with blessings and much love, reminding you to stay in the Light and keeping the knowledge of God always in the forward of your hearts and minds. This is not an easy task, but as always we are never given more than we have ability to handle. Go in peace and in love.

Soltec to clear.

REAL "RUMORS"—NO COMMENT

This is simply to pass along "rumors" and along these lines (i.e. Photon Belt, etc.) you are on your own because I will not allow demonstrations against my people for my sharing with you: However, the latest "gossip" from extremely reliable earthbound resources says the planned mock "alien" invasion of Phoenix, Arizona is set for October 12th.

Then, on October 24th (on the celebration of the founding of the U.N.) the total collapse of the Banking system and economic collapse is set.

I put it out there for your speculation and action if you so choose. You can stop and postpone, change forward or backward according to what you do and publicity given the matter. I will no longer speculate. You have it—do with it that which you will.

COLONEL JAMES "BO" GRITZ

Please understand that this place is NOT Bo Gritz headquarters. If you have complaints about his groups or representatives—take it up with him. These people are happy to forward ALL information, complaints and/or praises—but we represent a "paper" and "Journals". We support as the ONLY candidate capable of making change—but we are not invited within the working group nor do we have desire to be such. We will be pleased to forward requests for personal appearances and do offer some very notable attention getters for his representation—but we do not serve as his campaign center in any manner whatsoever. This is evidenced by errors in personnel and phone numbers as given in the *LIBERATOR*. We are happy to correct them but we gave what was available at the time to our Editors. We do appreciate sharing of any and ALL documents or even "gossip" for a nation must be "informed" and we do not wish to give out erroneous information. There have been great upheavals in top levels of management within his campaign and, yes, I am aware of what and who—but my people are NOT and are authorized to not give out "speculative" opinions or information—for until we receive from Cmdr. Gritz directly we actually HAVE NO VALID INFORMATION. And even then it is only one side of the quarrel.

You need the LEADER, not the childish quarrels which will break the back of any movement to better circumstances. We have a nest of vipers in our own midst and you as citizens must discern on MERITS—NOT THE WEAKNESS OF INVOLVED PERSONS SEEKING STATUS AND AUTHORITY OR ACTUALLY INFILTRATED TO STOP THE MOVEMENT FROM SUCCESS. THIS IS TRUE OF ALL ACTIONS AND DOUBLY

# Today's Watch

9/9/92 #2 HATONN

U.S. GOVT CONTROL

NO GOLD IN FORT KNOX

Confirmation and shocking reports come now from the very inner chambers of Ft. Knox wherein your GOLD RESERVES are supposed to be stored. I told you several years ago that all the gold was removed, shipped out through Naval Intelligence and paid into foreign accounts through Israel and other national receivers and most resides in Swiss vaults or has been scattered throughout the "Banksters" reservoirs.

FORT KNOX FACILITIES NOW HOLD ONLY NEWLY PRINTED "COLORED" MONEY IN MASSIVE AMOUNTS AND RATION STAMPS SUCH AS WERE CIRCULATED TO THE POPULATION DURING THE SECOND WORLD WAR. THESE ARE STACKED AND READY FOR IMMEDIATE DISTRIBUTION.

YUGOSLAVIA

The Muslim invasion is set to happen when the trigger cue is given—all "U.N." forces are on red alert at battle stations.

GERMANY

We are told from ones in Germany that the riots and uprisings have almost brought the nation to a standstill. The groups called "Skinheads" APPEAR to be the culprits—THEY ARE NOT. The neo - Nazis actually see what is underway and are efforting to bring the populace to control but the riots are so well orchestrated as to have the cities, especially, completely terrorized.

The affront is said to stem from a massive influx of Vietnamese "refugees" and Koreans with a few Taiwanese.

When these things happen ALL OVER THE GLOBE—KNOW THAT THE MAJOR ACTION IS ALREADY UNDER WAY.

Your government is actually under operation by Henry Kissinger's ring-leaders while Bush plays in the campaign. He has no actual control over the Administration whatsoever. Baker is involved but the major decisions and actions as to things such as F-16 sales to Saudi Arabia and Taiwan (which has China in a fury) is being done by "Advisors". Eagleburger, Scowcroft, William Clarke and other thugs and criminals are in total control of your U.S. government.

FEMA is not reacting except through orders for very little "help" but much "force" in Florida and has yet to do anything valid in Los Angeles. There is no RESCUE fund for disasters and the point is to bring the citizens into total incarceration by circumstances—but through force because the damage WILL BE DESTROYED AND PARTIES ARE BEING EVICTED FROM THEIR PROPERTY AT THIS MOMENT.



TRUE FOR SUCH AS A PRESIDENTIAL BATTERING SQUAD ACTION. GO WITH GOD AND YOU WILL BE GIVEN INSIGHT AND DISCERNMENT—**WHO ELSE AND WHAT ELSE DO YOU HAVE THAT EVEN "MIGHT" DO IT? SALU.**

### 9/11/92 #1 HATONN

#### HEALTH OF SAUDI TROOPS

OK, the confirmations are now flowing through. Remember the "maybe its sand fleas" or, or, or—in problems with troops' health during and after the Saudi stay? Now they have deliberately DONE IT AGAIN, readers. It is now firm that at least 50,000 soldiers are dying of, "introduced through inoculations", a species of Anthrax. This is even more efficient for ridding yourselves of people than is "friendly fire".

How could they get away with it? Because it was touted that Iraq had Anthrax-laden Scuds and it was necessary for PROTECTION. There is NO CURE for this and many, many more persons are already dead of other "claimed" causes than you can imagine. IT WILL GET WORSE!

#### SPEAKING OF FRIENDLY FIRE

You now have public information regarding intentional death raids on your own people (POWs/MIAs) as a caller to a night-line network program (during the Idaho standoff with Weaver and Gritz) called in to say that "I WAS ONE WHO WAS SENT IN TO KILL POWs IN SOUTHEAST ASIA FIFTEEN YEARS AGO IN PLANNED AND ORCHESTRATED ASSAULTS TO LEAVE NONE ALIVE—AND I HAVEN'T SLEPT A NIGHT IN THE FIFTEEN YEARS SINCE." Please open your eyes and ears, World—the clock is at the hour.

#### DEATH IN FLORIDA

There was a great loss of life in Florida's hurricane which is still covered from your attention. Bodies have been removed from the area in very large numbers. I remind you that one dead person can cover for tens of dozens for you have no way of checking against "other" death announcements. This as example: say John Doe dies and YOU know it. In a nearby place Jane Doe dies—BUT, both are counted and reported as ONE count and with no communications available there is NO WAY FOR ANY OF YOU TO KNOW "HOW MANY". It is simply that these "helpful" troops are having to haul out large numbers of bodies under this same number of counting.

#### HAWAII HURRICANE THREAT

You can expect the same thing today in Hawaii. Does anyone remember that Ha-

wai is a State of the United States? That hurricane which will probably hit Hawaii TODAY is going to be as big as Andrew if it is not diverted and hits head on. Yet what happens? A day or so of "some" mention and then suddenly with no fanfare to speak of or show of preparations, it is THERE!

#### EARTHQUAKES AND VOLCANOES

There was a big earthquake in your alternate missile launch site. By the way—many of the recent launches are joint ventures with Communist "brothers" so just WHO do you think really gets the use of the launched satellites? Well, it is NOT YOU.

The volcanic activity in the Philippines is disastrous and, now, note that in Zaire, South Africa (near where the incredible massacre of hundreds of South Africans took place a couple of days ago)—a major earthquake (seven point or above, the largest ever reported in the area) has occurred. **Could this be to cover the massive numbers of dead in the area and unreported to international press—from the machine-gun and assault weapons hit against a peaceful demonstration? AT ANY RATE OF COUNTING—"YOU" ARE NOT GOING TO GET ACCURACY IN REPORTING.**

#### IRS MANEUVERING

Beware the Ides of March and April: The IRS is putting a change through in electronic tax-return filing in an effort to suppress fraud—this will stop private programs that lend money to taxpayers who file for refunds.

#### \$10 BILLION TO ISRAEL

From the harnessed horse: Bush just spoke to the B'nai B'rith Anti-Defamation

League (a branch of British Intelligence in coalition with the British-Israeli League) that he is formally making a commitment and will insist Congress give the \$10 Billion to Israel. I find this interesting for a couple of reasons. The most important is that U.S. Patriot groups and citizens even in the back mountains of Idaho are assaulted and attacked and yet \$10 BILLION of YOUR only resources is given away to foreign interests—that, when all of your Florida tip is years away from functioning. Los Angeles has not, by the way, received any help from the U.S. as promised!

#### CHINA MAY NOT PAY

Remember those GRAIN DEALS that took ALL your grain and wheat reserves and you couldn't believe what we told you? Well, China threatens to stop the grain agreement (this means that they will now refuse to PAY for that which they have gotten) if F-16s go to Taiwan as ordered by Bush.

YOU IN THE U.S. HAVE LESS THAN A 30 DAY SUPPLY OF FOOD!! PONDER IT AND HAVE A GOOD DAY.

#### POTATO VS. POTATOE

Has anyone considered this: singular for potato is potato, plural for potato is potatoes. The same is valid for tomato(es). Did anyone study your English grammar? Of course it may not longer be acceptable since the Vice President blew it. History changes with the whims of the ruling parties as does science and math—so why not ALL?

**A POLITICIAN IS A FELLOW WHO WILL LAY DOWN YOUR LIFE FOR HIS COUNTRY.**

## News And Confirmations

### 9/11/92 #3 HATONN

#### NEW EARTHQUAKE FAULT

Hatonn present to point out some geophysical happenings which must be given attention by you in California. This is urgent and it is important.

I have had calls from ones who are in the geophysical "community" and questions are pouring in like a broken water main. You now have what is turning out to be a second major fault created by the recent series of quakes and ones are getting more nervous about it than the San Andreas. Why? Because it has been "created" and would intentionally take in areas desirable for destruction which would have been

outside the devastation of the San Andreas.

On the day before yesterday as example (Wed. 9th) there was a quake of 4.0 or higher around 4:40 A.M. eleven miles N.E. of Barstow (for you map lookers). Then at 5:50 A.M. there was a 4 point 9 miles East of Desert Hot Springs which was the same place as the April 22nd action. Then at 5:52 A.M. there followed on a 3.4 at the very same location.

I have two reasons to discuss this in this particular sequence because these recent assaults are made possible by drought (intentional and man-made) for years and low levels of groundwater which has ruined all support structures. And, Soltec is going to give you a full lesson in "Groundwater" so this is more timely than you



might at first note.

So, what do you have happening? From space it can be seen that there are old evidences of rifts which are now calculated to be from a "cycle" return of some 20,000 years. (Getting nervous yet?) I got into enough trouble over the Photon Belt that I shall abide my mouth on this cycle but YOU had best pay attention.

At any rate, those old rifts were studied and the gang went to work. They now have "created" a fault which runs northward to the Garlock (at least) and easterly through Nevada and into Utah.

Why is this significant? Well, for starters, the underground facilities of your government criminals are now in the "take-out" area. It should "just miss" the main facility of my old favorite tunnel system at Northrop. However, you ones in the facilities areas of San Bernardino, Edwards and China Lake—had better be getting very, very nervous. The soil is like mush (or cottage cheese) and now the line of assault and "breaking" is easily seen from the air.

At Norton base at San Bernardino almost all activities are halting except that ALL AERIAL CAMERA CREWS ARE ON FULL TIME DUTY. This is noted within the past couple of weeks by simple observers (and those camera crews).

It is also noted by geologists in investigations that all quakes are being experienced with TWO explosions—one from the air and one from underground. This is now KNOWN without argument at Landers, Big Bear, etc. This is being seen now as a full parallel fault to the San Andreas (carefully and specifically NOT intersecting with major break zones of the San Andreas.) I most certainly hope you nice people are not foolish enough to blame this on little (or big) E.T.s from the heavens.

Things such as this are being done all about your nation in one fashion or another depending on results desired by the Elite nit-wits. It is no different than opening up an old river bed and re-routing a river. The point is to go along the fault lines and re-score as you would a jog in a window-pane of glass—then crack it and whammo—gone with the "big one". Indeed, chelas, around this location it does begin to look more and more like ocean-front property doesn't it?

These are just points to ponder and confirmations to offer in order that you stop playing and tittering and get some supplies in, little dreamyheads.

**PHOTON BELT CONFIRMATION:  
HIGH ENERGY PHOTONS ARE  
GAMMA RAYS**

To you who still chant nasties and pick arrows with sharp jagged edges to carve up Dharma and denounce Hatonn, I think you should also have a little brain fodder. I

won't comment, just give you a reprint of a UPI article just released (early Sept. 1992).

QUOTE:

**Washington, UPI: POWERFUL GAMMA RAYS [PHOTONS] HITTING EARTH:**

Scientists have detected the most powerful source of high-energy gamma rays ever detected outside Earth's galaxy, an international team reported Wednesday.

Researchers from six institutions detected the ultra-high-energy gamma rays striking the Earth's upper atmosphere with energies of 1 trillion electron volts, 1 trillion times the amount of energy contained in a comparable amount of visible light coming from a desk lamp.

With energy typically billions of times greater than visible light, gamma rays (photons) are a type of radiation generated by the most violent physical processes.

This is the first observation of such high-powered gamma rays coming from outside Earth's Milky Way galaxy, said James Gaidos, a professor of physics at Purdue University and a member of the Whipple Observatory Gamma Ray Collaboration team [???] that made the discovery reported in the journal *Nature*.

Although each individual gamma ray carries a great deal of energy, the energy is absorbed before reaching ground level, posing no danger to plant or animal life on Earth. **[H: If you believe this last one, then how about a bridge from San Francisco to Oakland that I have for sale.]**

Located in the middle of a galaxy 400 million light years away **[H: Pleiades is only 500 light years away.]**, the source is about the size of our solar system, the researchers said, but it produces as much energy in these trillion-electron-volt gamma rays as Earth's galaxy emits in all kinds of energy, Gaidos said.

This makes the distant gamma ray source, an active galactic nucleus called Markarian 421, the source of the highest energy gamma rays discovered to date outside our own galaxy, he said.

"The presumption is that the energy engine powering Markarian 421 is a super-massive black hole, probably more than a million times the mass of our sun," Gaidos said. "There is no other known mechanism, or even speculative mechanism, that could produce these kinds of energies."

A black hole is a HYPOTHETICAL formation in space with such strong gravitational pull that nothing can escape it.

High energy gamma rays can be generated on Earth only rarely by collisions of particles produced in the most powerful particle accelerator laboratories, he said.

Using a finely tuned detector at the Whipple Observatory, the group made their observations of Markarian 421 between

March 24 and May 8.

In addition to Gaidos and Lamb, other principal investigators affiliated with the Whipple Gamma Ray Collaboration include:

Trevor Weekes, Harvard-Smithsonian Center for Astrophysics; Carl W. Akerlof, University of Michigan; Michael Cawley and David Fegan, National University of Ireland; and Michael Hillas, University of Leeds, United Kingdom. END OF QUOTING.

\* \* \*

Thank you, Dr. Young, for bringing this article to my attention from a reader—it speaks far more eloquently than can I. Now some of you might understand *why* Dr. Young came to edit our "little" newspaper—YOU GET TRUTH AND IT ULTIMATELY COMES TO THE SURFACE. This is nothing other than the normal sequence expected in the entering of the "Photon Belt" and I find it interesting that these same Learned Institutions have never heard of anything like a "Photon Belt" but know all about gamma rays, which are Photons??!!! Indeed, thank you Ed, for it makes me look good—but, as Editor, it also makes you look good and not quite so foolish in the "reality" of this confused world.

**HURRICANE WIND SPEEDS**

So they finally own up that Andy came in at around 200 plus miles per hr. The facts are that all recording equipment went off the scales. And what do they now say? **"We seem to be entering a cycle of tremendously increased wind speeds in hurricane activity."**

I suggest you ones DEMAND rebuilding in all areas be of domes and unstapled construction. Yes YOU DO HAVE IT—RIGHT THROUGH SOME OF OUR PEOPLE SO IS IT NOT TIME TO FIX AMERICA(N) FIRST?

**ETHANOL BAN PENDING**

There is a bill before Congress to ban the additive, Ethanol, from auto fuels. This will limit all transportation fuel supplies to that which "THEY" can TOTALLY CONTROL AND SHUT OFF. Autos will have no other available fuel for alternative use causing a total shutdown of travel in any form other than horse and buggy! Why do you suppose your "happy camper government fools" would do this?

Note: Bar codes are beginning to be used widely, especially in foreign products, newspapers for specific "editions", etc., which are invisible except to infrared light. How many of these do you think you have on your person?

**VOTE FOR BO GRITZ**

# NORA'S RESEARCH CORNER

## More Lessons In Words And Languages

### Part IV And End Of Series

#### HEBREW/AKKADIAN

The following material has been gathered from numerous sources, most of them already mentioned, although none have organized it in this way before, as far as I know.

One of the problems I had, as a lay person, in reading, studying and understanding reports of archaeological finds as well as ancient writings, is the different spellings of words. It is hard to know who the people were who left the writing or artifacts, even after the scholar has set forth his/her research. One of the reasons for this ambiguity is that the original writers, as well as later scholars/authors, appear to have a choice of how they translate and/or interpret a word. Why is that? Part of it is that ancient people were mostly illiterate, making it necessary for the scholar to interpret. Another part is that various usages developed among the sister-tongues, which increased the problems. You will understand when you realize how often people were moved around and mixed together over our globe and especially in the Near East.

It was learned in the Tell El-Amarna digs that the Akkadian language (Northern Babylonian) was the lingua franca of the day. That means the "Hebrews" also spoke or wrote at least some version of Akkadian, and so did "Abraham" —although again—there were various usages (at least spoken) among the different sister tongues.

Further, it was learned that Akkadian is a code language, just as Hebrew is a code language. The consonants are written and the translator fills in the vowels! This is why there are so many versions of one name.

In addition, various consonants are interchangeable in the different languages, as well as being pronounced the same or differently. The letters Y, I and E appear to be interchangeable in many Hebrew words, the B and P, as well as T and D and others. I will identify them as we go.

In addition, the Hebrews, in particular, use the prefix Ha to indicate the words "the", "of" or "from". Therefore, for example, "Ha-Nasi" means "the Prince" (from the Ashkenazi/Babylonian Talmudic Jews), and "Ha-Levi" indicates a leader associated with the Old Testament, Jerusalem Talmud, or the tribe of Levi. A problem with

such a lack of precision in the written language is that, at times, translators have thought the H was a prefix perhaps when it was not and left it off in their translations—so—one has to be aware of these things. The Assyrian Texts use Ne as a prefix. An example of this is Ne-Essu, which means "the Lion"! It also appears that C, CH, KH, etc. are interchangeable in many languages. You will find KHAPIRU as the Akkadian 'HAPIRU'. Also, for instance, the word Khazars may be spelled as Kazars, Chazars, etc. Just be prepared for this sort of thing.

The chart gives some examples of writ-

ten words using consonants only as in Hebrew or Akkadian, with various vowel usages. I think you will find the exercise interesting. The consonants are in capital letters, the vowels in small letters. For example, the Arabic word for Eden is Adn, according to *The Jewish Encyclopedia*. Some scholars have thought the place of Aden in Africa to be the original "garden of Eden", but there appears to be as much opposition to this as to other suggested locations.

My purpose in sharing the above is to show the many actual usages, as well as some possible alternate meanings and spellings of various words. There are of course many other words that could be analyzed in this way.

Always remember when analyzing a word that has been translated from ancient writings that there were few, if any, pronunciation marks or definitives to help the translators decide what they were dealing with. Given this scenario, it is easy to

#### HEBREW/AKKADIAN-CONSONANT WORDS

I.	Words in	Variant possible	Explanations
	<u>Consonants</u>	<u>Spellings</u>	<u>Comments</u>
	<u>H B R</u>	HeBeR	The Heberites
		HeB Ru	were from Heber
		HaBiRu	Sounds like Hebrew.
		HaBiRu	The warlike Nomadic Tribe.
			Akkadian for Habiru.
		<u>P</u> is used interchangeably with	
		<u>B</u> in the translations from the Akkadian forms.	
	<u>H P R</u>	KHaPiRu	Akkadian variant.
		HaPiRi	Another variant of Habiru.
		HaPaRi	Another variant.
		Or drop the <u>H</u> as has been done. The rule for this appears to be that it (the <u>H</u> ) is used as a prefix.	
		eBeR	Shem was the father
			of all these (Gen. 10.21).
		aBaRi	Cyril Aldred's translation.
		iBeRians	Ancient name of Spanish People.
			(Hiber in latin)
II.	Words in	Known	Explanations
	<u>Consonants</u>	<u>Spellings</u>	<u>Comments</u>
	<u>T N</u>	aToN	Akhenaton's God.
		aTeN	A much used version of Aton.
		eToN	A version of Aten given by scholar, Arthur Mercatante.
		<u>D</u> is used interchangeably with	
		<u>T</u> in examples provided by Mercatante.	
	<u>D N</u>	aDoN	A version of "Aten"
			given by Mercatante.
		aD N	Arabic meaning Eden,
			as in "Garden of Eden"
		aDoNai	A name for God in the Bible.
		eDeN	The Biblical name of the
			Garden of "Eden".

see how much the translators, editors, scribes, scholars, and their benefactors have had a part in affecting our lives and thinking, merely through a choice of vowels! A "Heberite" or a "Habiru" may become a "Hebrew" just by one translator's choice of vowels, and "God" can be Aton, or the Garden of Eden!

A loose-end to tie-up regarding the Gauls (AKA French and/or West Saxons): Some of you may recall the actor, Richard Burton (who was from Wales, a small country of Great Britain on the West Coast of England), saying on Dick Cavett's talk show that the Welsh language was "almost pure Hebrew." [I am indebted to a Mr. Bokos for reminding me of Mr. Burton's statement.] The Welsh language is one of the dialects of the Gallic language, as is Manx (Scots), Irish (Gaelic), Cornish and Briton (AKA Bryton). Further, if the word exercise is taken to a logical conclusion regarding the HBR consonant word and the Gallic connections you have:

HeB Rides Scottish Isles  
Hi BeRnia Ireland

A good thing to remember again here is that Hebrew and Akkadian are both code languages, and both (or some version thereof) go back to Babylon. Therefore—it is not surprising to learn that some of the language usages would still be with us—for—the "cradle of civilization" is said to have been Babylon. I don't agree necessarily with that theory, but Babylon was certainly the beginning of most of our Western civilization today.

Another loose end needing further attention is that regarding the "wisdom literature" found throughout the Near East from ancient times, per Barbara Mertz in her book *Temples, Tombs and Hieroglyphs*. She gives a further comparison of a "Hebrew" translation from the Old Testament, and it's borrowings from Egypt. I will show the King James Version of the Bible, Proverbs 22:21 & 22 translated from Hebrew, and the argument on the side of the Egyptian translation as given by Ms. Mertz from Adolf Erman, an Egyptologist and a teacher of a generation of archaeologists, British, American and German:

(Quote:)

Have I not written unto thee excellent things, in counsel and knowledge.  
That I might make thee know the certainty of the words of truth;  
that thou mightest answer the words of truth  
to them that send unto thee?

The words, "excellent things" was marked with a question. The Hebrew had *shilshom*, "formerly", which is obviously an error; the original editors had suggested

*shalishim*, "officers", which is hardly an improvement...."Erman, of course, was familiar with the Amenemopet Text, and he had found a passage which in many ways seemed to resemble the two verses of Proverbs. But the Egyptian text reads: "See thou these thirty chapters; they entertain, they instruct. They are the foremost of all books; they make the ignorant man to know." As Erman studied the text he was struck by the recollection that the Hebrew word for "thirty" is *sheloshim* — a word which involves only a small change in pointing (pronunciation marks) and makes better sense of the Hebrew rendering. The Egyptian text contains precisely thirty passages. The Hebrew text is not so divided, but it does contain thirty different precepts. Erman's discovery not only settled the question of borrowing between the two sources, but made the direction of borrowing pretty sure, for the use of the word "thirty" is more logical in the Egyptian.

(End Quote.)

Please note: The only differences between the words *shilshom*, *shalishim* and *sheloshim* are the vowels.

Also, there were recent hieroglyphs found at Karnak, in Egypt, which the scholar, Frank J. Yurco claims to be a reference to a group of nomadic people, dressed as the Canaanites in robes, and called "Ysr3L"—Israel. The hieroglyphs depict battles between King Merenptah of Egypt against the Hittite Army (including the sea-peoples from Ashkelon and Gezer) under their leader, Muwatallis. The battles were fought between 1212 and 1202 B.C., all in the land of Canaan. This would put the time at approximately 150 years after Akhenaton and is claimed to be the earliest material yet discovered regarding "Israel".

The Hittites were people from north of Syria, an area today called Turkey. They were, from Biblical accounts, descendents of Japheth or Ham. The Hieroglyphs referring to the "Israelites" had been previously overlooked (according to Mr. Yurco). The article about the "find" is in the magazine, *Biblical Archaeological Review*, the September/October 1990 issue.

I found some problems with the material presented in the article regarding the translation of "Ysr3L". I am not an Egyptologist, but have some books showing the Egyptian hieroglyphic language. There is no letter L in their alphabet! There are the letters Y, R, A, I. There is no numeral 3— but this (or reversed capital E) must be a typographical error in any event.

Also, it appears the hieroglyph as represented in the article is backwards, the bird is facing to the right instead of the left, as all birds do without exception in Egyptian Hieroglyphic.

In order to overcome the problem of no letter L in the language, the Egyptians used a word-form to depict a "lion" for example,

instead of spelling "lion" as one would otherwise do. The lettering in the case of "lion" starts with a form of R because it can best picture the head of the lion. It does not mean that R is interchangeable with L— there is no letter L in Egyptian Hieroglyphs. (See *Her-Bak, Egyptian Initiate*, by Isha Schwaller De Lubicz, Pub. Inner Traditions, N.Y., 1967; and *The Egyptian Book of the Dead*, by E.A. Wallis Budge, Pub. Dover, N.Y. 1967.) So—what Mr. Yurco found, although printed backwards in the magazine, if it were reversed could be translated as "Ysrair". The definitive shown by Mr. Yurco identifies the people as nomadic, or as not being connected to a city-state, as were the people from Ashkelon, etc. Mr. Yurco's article was titled, "3,200 Year-Old-Picture of Israelites Found in Egypt." Whether Mr. Yurco's discovery actually refers to the people of "Israel" I cannot say. Whoever the "Ysrair" were, the hieroglyph tells us, according to Mr. Yurco, they were a nomadic, fighting group under the leadership of a Hittite, not an "Israeli".

It is fairly obvious that the true sources of what we like to think of as the "Christian Bible" or "Hebrew Bible", etc., have not been made known to us, much less the original words. When you consider that the "Habiru" were a mixed nomadic and dependent group—dependent on an aristocratic or ruling class for their maintenance; and when you start wondering how a "nomadic group" could have carried forward a culture or written language—you begin to question "who did write the Bible"?

In a definitive statement issued 5/19/92 Hatonn said: (Quote:) This is the bloodline of one of Noah's sons, Sem (or Shem) of which came Joseph, the husband of Mary the mother of Immanuel/Jesus. The Semites are a bloodline which began with Semjasa, the heavenly son and guardian angel of god who is the "father" of the white human race. Do not get "crazy" here at this information, it makes **NO** difference whatsoever. All souled humans are **GOD'S** children, even those who project evil. Most importantly, **GOD IS LIGHT—NOT "WHITE"**. (End Quote.)

All of the historical details and facts of the above have not yet been discovered. Nevertheless, an outline is forming which makes it ever more clear. Consider—if one dispenses with all the variant uses of HBR and just takes one of them, "Eber", then Sem (AKA Shem) was the father of them all—including the Hebrews, Habiru, English, French, Irish, Scotch, Welsh, Spanish, etc.

Further—at another time—Hatonn has also said that the white race are not only all "Semites", they are also "Jews". Part II of this series (8/4/92 *LIBERATOR* Vol. 20 #3) showed the Etymology of the word "Jew"

— please refer to it again. Hatonn said also on (5/19/92) regarding the Jews, (Quote:) It is the one who fails to KNOW the Truth of it, most especially the misled within the very recognized group calling themselves "Jews", that shall and do suffer the most painful of persecution—from the ones who claim same heritage. Actually you will find the heritage due the beloved of God are the ones who have been most persecuted in every manner and have had that heritage stolen and warped. The ones who have "stolen" and "warped" the heritage of the "Jews" are the "Khazars", the "Zionist Elite of the Committee of 300", a "Warlike, phallic-worshipping group of people from Russia of Nordic, Mongolian and Turkish bloodlines. They ruled a portion of lower Russia, between the Black and Caspian Seas, for several hundred years and were at the "peak" of their power from the seventh to the tenth centuries. They adopted and merged with the Judaists of Judea in the year 740 AD. Most ones who call themselves "Jewish" actually are from the Russian Khazarian line, also called the false 13th tribe and they are NOT SEMITES. (End Quote.)

To support what Hatonn has said above I refer you to some of the older maps, generally found in Biblical Concordances, showing where the various people, descendants of Noah's sons, lived. The area between the Caspian and Black seas were occupied by Ashkenaz and other sons of Japheth. It is the "Ashkenazi Jews" who comprise the greater percentage of the population in the new state of Israel today, per both the *Encyclopedia Judaica* and the *Jewish Encyclopedia*. Their "book" is the Babylonian Talmud for the most part.

I have my own "Aton Hymn" to share with you in closing this series. Consider it my "choice" of vowels and interchangeable letters in translating what could have been some "original" words of Biblical fame:

In the beginning God created the  
Heaven and the Earth.  
And God, Whose name is Aton,  
saw everything that  
He had made, and, behold  
it was very good....  
God placed men and women  
Humans, all his children,  
on the earth to  
care for it—a most beautiful  
garden, full of life and  
everything needful.....  
And the first Humans called  
this beautiful earth, "The  
Garden of Aton."

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## Poisoned Groundwater

(Continued From Page 1)

in a category of an AIDS type category which is now being enlarged for allowance of these "new" symptoms to be included in AIDS definition.

To explain the ease of groundwater contamination, you must know something about Ground Water, etc.

Reverse Osmosis systems are not efficient enough to totally clean the virus from the water but are effective enough with new filters to keep the body from being overwhelmed. Ozone (O<sub>3</sub>) is also fairly effective if the water is treated properly.

**Once in the water supply, it is all but impossible to remove but the government undercover operations DO have the knowledge of how to do it. However, since they have introduced it for their own reasons—they are not apt to give you the "cure" are they?(??)**

The way to counter the invasion is to give the body necessary shielding through its own natural system. I know that all of you then want this information and who, how, what, when and where can you get it. The FDA henchmen are already at work closing down the only source available and the ones in control of the material have not been willing to share profits in order to allow enough abundance for large masses of people. Through incorrect advertising and making claims that the FDA does not like—you are all but disallowed ability to obtain the product. I can only tell you that which is afoot—I'm sorry, chelas, my "magic solutions" are locked safely and securely in the vaults of "national security" actions with warrants for shutting down our resources if disclosed.

The ENEMY WITHIN has brought down the very ability of you to have that which you need. That includes the adversarial spies and dupes within this very local group. You ones migrate to the pretenders and must now face your consequences. I find it interesting that you refuse to hear,

denounce the messengers and THEN, turn to GOD and ask for security! So be it.

**9/11/92 #1 HATONN**

**HEPATITIS B & C, AIDS  
AND OTHER LIES**

The prisons around your nation are epidemic with Hepatitis. This is the same form of virus introduced into national water supplies—first studied and tested in the control for populations of prisons, etc. In Tehachapi, Calif. a Constitutional Law Center class action suit was filed yesterday against ones of the Golden Hills Community Services District and all other authority parties thereof because of contamination which was KNOWN about for two years and current complaints of symptoms for six months. People are now sick. This virus will remain in the body ready to present (as herpes) for the remainder of life span. There is no "allowed" remedy. This is the reason AIDS as a disease category is being revised to include many other diseases such as the new strain of Tuberculosis which also does NOT have a cure. YOU ARE IN "IT" CITIZENS. You may find it more interesting to find that it is first introduced into the area in this township—where resides Dharma AND THE LIBERATOR. Nice try, boys—but our people are shielded and heeded warnings. There may be slight inconvenience but ones who have followed my instructions explicitly are fine.

When confronted by the "press" and "media" the Head of the Golden Hills Community Service District (GHCS D) in point said (about the suits that might come forth), "...oh well, we have liability insurance." Also, it comes forth that the county Grand Jury is looking into the fact of possible mismanagement of funds by this CSD group—like, for instance, a lawyer who gets more than \$600/hr. The same



law firm and billing/bookkeeping services (also out of town) serve several of the small communities in the immediate area. Strange? NO—POLITICAL CORRUPTION IN FULL FLOWER.

ALL YOU PEOPLE OUT THERE HAD BEST BE CHECKING THOSE BOUTS OF FAST SPREADING "FLU" THAT SEEM TO HAVE NO ENDING BUT GREAT BEGINNINGS. YOU COULD ALLOW THIS TO BE A TEST CASE FOR YOUR USE AS PRECEDENT FOR IF MANY OF YOUR TOWNSHIPS FILED—WITH PROOF OF CONTAMINATION OF WATER SUPPLIES WITH COVER-UP, YOU COULD AT LEAST SCARE THE PERPETRATORS INTO STOPPING SUCH. CLASS ACTION SUITS THROUGH A CENTRAL FOCUS, AS IS THE CONSTITUTIONAL LAW CENTER (CLC), CAN BE FOUGHT WITH "POOLED" RESOURCES AND MAKE THE LEGAL COUNTER ASSAULT FEASIBLE. WE HAVE EFFORTED TO GIVE YOU ASSISTANCE BUT YOU ARE GOING TO HAVE TO FOLLOW THROUGH WITH IT. OUR PEOPLE CANNOT LONGER CARRY THE BURDEN OF EXPENSE FOR THE ENTIRE OF YOUR NATION. IT IS UP TO YOU.

9/11/92 #3 SOLTEC

I would introduce myself, please. I am Anthonious Soltec, Geophysicist. I have been asked to present some information for you who have perhaps forgotten your geophysical lessons and you who have not yet been offered same. My intent is to always be a bit "primary" because I have no intent of boggling minds or showing some type of ego expression of expertise in boring non-understandable language. If the outlay of information appears to be tedious, I suggest you sit and effort to remember what I have brought forth on vulcanism and earthquakes, etc., and note that already much is forgotten—if at all received. Those, I understand, will be reprinted in this *LIBERATOR* for your updating and appreciation. [See page 2.]

You are in a phase of assault by the Globalist "masters" and their stooges wherein your groundwater is being deliberately contaminated by pollutants and microbiologic organisms. It becomes imperative that you understand from whence comes your "faucet" water so that you can take precautions. You will, however, find that once contaminated there is no such thing as total "clean-up" by methods available in daily use for cleaning and reclaiming water supplies. Methods for true purification ARE functional BUT NOT AVAILABLE FOR USE. [That is, the Elite world-controllers keep such effective purification or antidote methods tightly under lock and key.]

In the subject of "water" as a whole, I begin with "ground water" because in

some ways it can be regarded as a legitimate agent of gradation—along with streams, ice, wind, and waves. Moving groundwater can pick up rock materials, transport them very long distances, and finally deposit them. When groundwater performs this function, it automatically classifies as a "grader" which in this subject matter refers to something such as a "road grader" that "moves things along" as simplified definition. The fact that groundwater's mineral load is restricted to those that can be carried in solution is something of a limiting factor, but wind is a certified member of the gradational fraternity and cannot take anything into solution (nor essentially can ice). So every agent has its peculiarities, groundwater among them.

The erosive or gradational province is not the only one involving groundwater. Probably of more importance to you humans is its control of steam discharge and of the water level of lakes and swamps, as well as a source of irrigation and potable water for a large part of the world's population. In this as example, the groundwater level of the Mojave Desert has so dropped that the runways at Edwards Air Force Base collapse in three or more feet dips or actual breaks (fissures). However, when we delve into matters of this kind we open up a whole Pandora's box of interrelated water problems, for it becomes apparent immediately that groundwater and surface water share a high degree of mutuality and complete divorce of one from the other is not only difficult to attain but perhaps not wholly desirable. Also, the student must be aware of the human's role regarding water resources and the significant interrelationships of all the Earth's water.

I shall simply take them in the order most often presented to students of Physical Geology.

#### HYDROLOGIC CYCLE

As a point of departure you must remember that there is only so much moisture on your earth. None is lost or gained from outer space, but at any given moment some of it is in the sea, some on the land in the form of water or ice, some in the crust itself as groundwater, some as suspended water droplets and gaseous water vapor in the atmosphere. The cycle of change **in both form and place is called the hydrologic cycle.**

All of the world's water derives from the oceans, and most of it returns ultimately to that source. Evaporation from the sea provides the water vapor for rain and snow. If it condenses and precipitates over the oceans, then its return is immediate but, if it is carried over the land, a number of things may happen to it prior to finding its way back. Some of the moisture falls as

snow and remains on the land until the spring melt before flowing back to the sea via rivers. Or it may become part of a semipermanent ice mass and be detained many hundreds or thousands of years. Much of the water vapor will fall as rain, some flowing off immediately on the surface, some remaining in lakes and swamps, some evaporating directly or via plants to be precipitated again, and some soaking deep into the ground to percolate gradually downslope to the sea or to appear at a lower level at the surface as springs and seepages.

This theoretical system is not absolutely perfect, although given time it comes very close. The lag in time before moisture is returned to the ocean can be very long so that water or ice held in lakes or glaciers may appear to be permanently lost to the dynamics of circulation. But ice both melts and evaporates and lakes are surprisingly transitory; even the great Antarctic ice cap flows away from the pole and breaks off into icebergs. The closest to permanency in water loss is that fraction tied up as a part of the chemical composition of rocks and magma, or in an underground reservoir completely lacking in permeability, which has trapped ancient surface waters. But even here, humans have found it advantageous on occasion to tap and draw on these reservoirs, and vulcanism, metamorphism, chemical weathering, and so on can and do release water through chemical reaction. This last is groundwater.

We shall take up when we next pen with Porosity vs. Permeability. Good day.

## Groundwater And Its Contamination

9/13/92 #2 SOLTEC

May we please continue on our subject in point beginning today with—

#### POROSITY VERSUS PERMEABILITY

I treat my lectures exactly as I would in a classroom and therefore I must ask that you refer to prior material so that you might retain continuity. The intent is to give you valid information and not "whiffs" of disjointed, out of sequence, metaphysical insight. The HIGHER consciousness and understanding comes through the understanding, first, of that which is perceived and abounds in your manifested experience. We are now in section two of "GROUNDWATER and related problems".

How much groundwater occurs in any given place and its character and movement depend largely on two variables (1) climate, which controls precipitation,

evaporation, and vegetation and (2) peculiarities of the soil and subsurface rock. The great bulk of ground water has simply seeped down from above, but certain rocks and rock materials have a much greater water-holding capacity or *porosity* than others. Loose sands and gravels, with their irregular particles allowing a maximum pore space, may contain up to 50 percent water, as can some clays. Sandstones too, although part of their intergrain areas are filled with cement, may be highly porous. On the other hand, dense shales and igneous rocks usually exhibit a very low porosity. But an igneous rock in cooling often develops fissures, joints, or cavities from escaping gases and then, although the rock itself is dense, may be capable of containing large quantities of groundwater. I will have to give you mostly "verbal" visualizing because it seems that, when we utilize diagrams or pictures available to others for your use, our people end up in courtrooms for trespass. So, therefore, effort to visualize a piece of lava "rock substance". You would find that a stratum of vesicular lava is not only porous, for instance, but highly permeable. The "frothy" appearance results from escaping gases as the lava congealed through cooling.

Next, to understand the subject of "Groundwater", you must understand what is meant by and importance of—

### THE WATER TABLE

Assuming a considerable depth of homogeneous permeable material, the *groundwater table is the top of the saturated rock*. In a humid region this may be quite near the surface or even coinciding with it after a particularly heavy rain. But normally it is at least a few feet down, overlain by a layer of loose soil where water is rapidly lost through evaporation and transpiration. This zone of soil water or *vadose water* is generally within the reach of plant roots and reflects immediately day-to-day or even hour-to-hour weather fluctuations, so that characteristically it is saturated for only short periods of time and more often than not holds as much air as water in its pores.

Under usual conditions a water table will roughly approximate the contours of the terrain that it underlies, higher under the hills and declining under valleys. This fact can allow you to understand WHY, if the groundwater is contaminated by any substance, it will contaminate great portions of that which is residing in the "water table". The seepage will be basically horizontal to the layer of the rock or clay "table" itself. If a pollutant or whatever is contaminating the water supply is heavy enough it will lodge onto the substance of the "table" itself and therefore, contami-

nation remains in a proliferating state for great lengths of time if, for instance, the contaminate is a heavy metal such as mercury, lithium, etc. These contaminates would be most often (in your current daily use) from such things as toxic wastes, pesticides and fertilizers—even to excrement wastes which are resultant from the body cleansing through its organs (kidneys and hepatic systems) such poisons and toxins. **Microbiologic contamination is, of course, through these same routes of passage except when intentionally introduced as is being done to your water supplies at the present time. Some contaminants thrive for only a brief while but others remain in various states of activity or dormancy depending on environment and stability of host liquidity. Crystalline viruses, for instance, never simply "go away", they simply go inactive or "dormant" until proper "life supply" is present.**

Groundwater percolates downslope and its upper margin thus assumes the gradient of a surface stream; like a surface stream, it discharges into the master drainage artery in the valley. The river at the valley bottom may receive the groundwater discharge directly via springs as it intersects the water table, or if the river itself is slightly above the water table, the coarse sands and gravels of its bed will intercept the flow and direct it down the valley under the surface waters of the river. Swamps, rivers, or the sea, which occupy the lowest point of a given region, act as regulators of the slope of that region's water table. Loss of water supply, as during an extended dry period, will cause the water table to flatten out and be found at an increasingly greater depth beneath the hills, but it will continue to intersect the surface in the valleys; as long as any gradient at all is maintained, groundwater will percolate downslope. This is most well demonstrated in septic systems in areas unconnected to central sewer systems.

Wells bored below the water table will produce water, but how rapidly they will refill themselves after emptying is determined by the permeability of the rock. No matter how permeable the rock or how humid the climate, too many wells will lower the water table, and increasingly deeper bores will be required to tap groundwater. Obviously, an inventory of the groundwater resources should be undertaken before uncontrolled well boring takes place—a procedure that has seldom been followed anywhere in the world until the water table has been lowered drastically and disaster is imminent.

This information will be lost on second or third generation city dwellers for, to them, water simply comes ready to use from a faucet at the sink.

Let us consider, because it is an excel-

lent example, the Santa Clara Valley in California, a region of irrigated orchards and, more recently, burgeoning urbanization. Here you have illustration of the results of continued overdraft on the ground water supplies. The increasing depths of wells through the years is easily demonstrated.

### RESERVOIRS AS RECHARGERS

Groundwater levels can go both ways—water can be put back into the ground as well as taken out—and it is not absolutely necessary to stand around thirsty for 40 years waiting for the natural rainfall to do the job for you. You would utilize retaining reservoirs. Climate does not have to change dramatically nor suddenly have more rainfall in the case of ability to "store" water. Neither would you have to have new and exotic water brought in from somewhere else. It becomes a matter of driving a maximum of the surface water downward into underground strata instead of letting it run back to the sea unused. The special rainfall peculiarity of the Santa Clara Valley (and much of California in fact) is that all the rain arrives in a few winter months and the long-empty stream channels, frequently grown up with brush and weeds, simply cannot handle the runoff. The result is serious flooding as well as the loss of extremely valuable fresh water that would have been so welcome the summer before. It is very embarrassing to drown some winter after going bankrupt in a farming venture the previous summer for lack of moisture, I would assume. Worse, the food supply for storage is cut drastically by poor management.

You can solve a number of these problems through the utilization of a series of impound reservoirs.

It serves as a flood control measure, saving for beneficial use winter flood water that would have, at best, been lost to the sea, or at worst, drowned people and destroyed property.

It provides lakes for recreational use and it **recharges** the underground water system.

What of this last condition? Why worry about it? Let's just assume use of the water right directly from the reservoir. Water can be diverted directly from such a reservoir, but if the bottom of the holding basin is at all porous, a certain amount of water can be added to the underground supply at the same time and a great deal more can be forced downward if it is drawn off and spread out in shallow percolating beds below the dam placement.

### EVAPORATION FROM RESERVOIRS

One of the beauties of storing water underground rather than on the surface is

to negate almost completely the loss through evaporation. Unhappily, the places in the world that find themselves in need of water storage are frequently those with long hot summers and low humidity. Under these conditions the effects of evaporation can be enormous. No two reservoirs evaporate at precisely the same rate, variations depending on such things as climate, dimensions of surface exposure, percolation, and so on, but recent experiments in the northern Negev region of Israel indicated a loss in excess of 75 percent from evaporation alone. Obviously, any method of cutting down on such a loss rate must receive serious consideration. Some interesting work with the *use of nontoxic chemical films to inhibit evaporation* appears to hold real promise for both reservoirs and percolating beds, especially those that are not to be utilized for recreation. Water skiers and motor boats are not wholly compatible with an effective film. Some reservoirs in more closely guarded areas are simply covered with various coverings and now in use in widespread areas are domed covers which are most attractive as well as utilitarian.

### SEA WATER INCURSION

In regions draining to the sea the groundwater approximation of the surface flow delivers fresh water via springs or seepages at about sea level. If well overdraft occurs upslope in the system, hydraulic pressure is diminished and salty water from the sea can invade the porous underground strata. This means that the normally fresh-water coastal-plain wells will be "salted out", often a local disaster, unless a certain minimum groundwater table can be maintained.

Further, there is the readily observable reciprocal relationship between the level of lake, pond, swamp, and streams and adequate groundwater. Since much of the surface water feeds the underground strata, a lowered water table increases the withdrawal through percolation, thus lowering their level. But most of these surface water features, because of their location at valley bottoms or local terrain sags, also receive groundwater percolation from upslope. So in essence, each sustains the other. Farm ponds, reservoirs, and flooded percolation beds are generally recommended by the regional planner as effective aids in stabilizing stream flow as well as lake levels.

### WATER QUALITY

Of equal if not more important than the mere availability of water is its quality. **It is hard enough to keep it potable on its own merit but with deliberate contamination it is all but impossible to recover to a pure state of safety. If pollutants are of heavy metals and toxic waste**

**infiltration OR crystalline life-forms, it is years, if at all, in the total recovery from contamination if known neutralizers are not introduced. In your age, the contamination is most often intentional and the counter-agents necessary for purification to drinking standards are denied public access. The point was "destruction" in the first place so "healing the cause" is not the intent under any circumstances as long as the enemy is in control.**

There is no use having water if you cannot use it. Not too many years ago it was a virtual article of faith that natural filtration would rejuvenate any water supply no matter how badly it had been polluted. After all, wasn't even raw sewage, the epitome of effluvial pollution, susceptible to cleansing by filtration? Thus the whole process of forcing surface waters underground to be withdrawn via springs and wells boasted the great merit of purification. But, increasingly, the variety of chemical waste products that contaminate your streams includes elements that defy the simple purge of filtration. Especially notable are insidious pesticides and insecticides, chemical detergents and a number of industrial wastes too lengthy to go into herein.

There is the additional problem that groundwater, although often less polluted than surface water, is frequently "hard". This simply means that in its passage through porous strata it has taken salts into solution, a part of its normal function as an agent of gradation, but one which affects its utility to humans greatly. The degree of hardness varies greatly depending on the character of underground rock and the water's temperature (heat as an industrial discharge into a stream can contribute to hard groundwater as well as destroying the immediate surface ecology). Often hard water merely means that soap lathers with difficulty and moderate salt deposits build up in household plumbing (hot water pipes are particularly susceptible to the accumulation of deposits in regions utilizing "hard" water for household consumption), but hardness can be so severe as to attain the saltiness of seawater and the water becomes totally unusable for either irrigation or drinking. All of this is not to imply that only groundwater can be hard, but it is much more common than in freely moving rivers as comparison.

### SOLVING THE WATER PROBLEM

And now, of course, is that \$164,000,000,000 (inflation considered) question. How do you attempt to solve your dual-faceted water problem: (1) sufficient water in the right places at the right time and (2) water of an acceptable quality

for general utility? There is no question that a problem exists larger than life itself, even if you were to assume a static world population—an unlikely situation for some time to come. **However, even as you have decreasing populations due to intentional depopulation—you are left with such things as contaminated water supply (contaminated in the direct effort to depopulate).** If you ignore, for the moment, the desalinization of the ocean water (for our subject is "groundwater") we are left with having to face the dilemma head-on. Simple drinking water for the world's hordes involves a huge volume in itself, compounded many times as humans agglomerate into an urban environment of flush toilets and green lawns. Agriculture dependent on the irrigation ditch is even more demanding of water on a per-acre basis than the housing tract, while heavy industry, always carefully sited on a freshwater lake or large river, uses the most water of all.

### TRANSPORTATION

We have already considered the principle of conserving wet-season surplus moisture in reservoirs and underground holding basins for use during the dry season. But let us apply this same kind of thinking on a regional basis. Now we have to get into the concept of transporting water from surplus to deficit regions. This is old stuff. The pipe was invented to take water out of the river and into the house, or to move it clear into the next county, or to transfer it from the wet side of the mountains to the dry side—as in the instance of the Rockies in Colorado *under* the Continental Divide to the dry side, or to impel it 300 miles out into the Australian desert to the gold mines of Kalgoorlie, or to transport it 1000 miles from northern California to the south, or from one place in Hawaii to the cane fields. Why not transport Columbia River water to the arid southwest, or Mackenzie River water to the Great Basin, or even the Ob or Yenesei River water to Kazakhstan (they really need it right now with all the trouble in their newly acquired "FREEDOM"). It seems that the only limit is need coupled with engineering and cost feasibility. But Washingtonians are not likely to react with great enthusiasm to a redirected Columbia, or Canadians to the use of Mackenzie water to irrigate the orange groves. Neither were Northern Californians and Mexicans particularly thrilled when their water went elsewhere, but standing up and saying so proved to be no deterrent to "progress". The problem comes in agreeing on a point where local regional interests and human aesthetic values become as important as the efficient use of resource. You must utilize your resource, but perhaps when you come to



the point of substituting the word "ration" for "efficient" (and then define rational to the satisfaction of one and all—not likely), you may be on the right track at least.

### RECYCLING OF WATER

All of this leads to an emphasis on more efficacious use of that wondrous commodity you now have, and the key term here is **recycling**. Water is never used up. If you drink it, flush it, wash in it or irrigate with it, the water is returned sooner or later somewhat changed and that is called "polluted". The trick, therefore, is to clean it up. This operation can be two- or even threefold in its benefits, at minimum. First, if you can eliminate all of the harmful side effects of pollution or contamination such as water-borne human disease, destruction of wild life, stench, and so on, it is well worth almost any cost involved. Second, the by-products might aid in cutting down that cost, as your Milwaukee city discovered years ago when its sewage treatment operations yielded a profitable commercial fertilizer [called Milorganite]. There are other such by-products available now through ozone use and other methods for reclamation of actual soil replacement from the solid wastes rendered completely neutral in content. Do you not see, however, that these methods cut out massive money acquisition projects to the Elite blood-suckers of your society? Salts from distillation and productive use of energy derived from cooling hot-water pollution are further examples. Finally, of course, there is the reason behind the original effort: clean water to be used again. If drinking recycled sewage water is shocking to your sensibilities, be reassured that you have been doing exactly that for all the years of life cycles on your place. Most towns on rivers draw their drinking water from upstream and discharge their sewage downstream. In Texas, as humorous rivals in Dallas and Fort Worth, there was a saying—Dallas, flush your toilets, Fort Worth needs the water. Rather crude, but applicable to the subject. If there were only one town per river this system might work, but there are usually great numbers of people upstream and a little filtration and a dash of chlorine (deadly poison) is your only protection. Actually, carefully monitored recycling, operating under an enforced master code, ensures higher quality water than most of you usually take into your systems. Now that you have deliberate contamination by harder to cleanse substances, the problem is epidemic in proportion.

### AQUIFERS

Thus far, we have been discussing rock with a certain homogeneity of permeability, but this is not always the case, for

many different strata may be present underlying a given region, each with its own characteristics. An important occurrence is a permeable layer, such as sandstone, confined between impervious strata and tilted so that it intersects the surface. Water entering the exposed sandstone outcrop percolates along it as if in a pipe. But normal groundwater will be limited to the zone above this confined **aquifer**, for the impervious layer immediately atop the sandstone stops its downward movement and also acts as a barrier between free association of the water in the aquifer and the groundwater. Shallow wells plumb only the local groundwater that is subject to the vagaries of seasonal rainfall and, if the region is arid, is easily exhausted. But wells tapping the deeper aquifer assure themselves of a more continuous supply, especially if the intake is in a better watered area. Also, since the permeable surface outcrop is often the highest point in the aquifer, wells drilled to this lower level are usually **artesian** because of the hydraulic pressure within the closed system. As long as the outlet is lower than the intake, water will rise in the well. Some will flow; others merely show a rise of level above that of the general water table. In either case the term "artesian" is applied (taken from the first recognized well of this type in the French province of Artois and since pushed off on you as expensive and exclusive drinking water).

One of the largest artesian systems in the world underlies much of the interior Queensland and northern New South Wales in Australia. Here a confined and highly permeable gravel bed receives water at its highest point in the humid Great Dividing Range and carries it for almost a thousand miles west beneath an arid to semiarid country where water is at a very high premium. Many hundreds of bores tap this aquifer, supplying life to what would otherwise be desolate unusable country. But inevitably, too much water has been withdrawn and most wells that at one time flowed freely at the surface now must be pumped. And too, the quality of the water seriously deteriorates with the distance it moves through the aquifer so that only in the eastern half of the basin is salinity low enough for reasonable utility. Even here the water is too brackish for general irrigation and is used only for watering stock.

In the Lake Eyre Basin, below sea level although in the heart of the continent, the lower end of the aquifer reaches the surface. The highly saline water flows out here as artesian springs, evaporating almost as rapidly as it appears and depositing salts around each outlet. These are called **mound springs**, building up to a foot or two in height, and are a result of artesian water under great pressure, high salinity, and an extreme rate of evaporation.

Similar artesian systems are found in many other parts of the world, although none is as large as that in Australia. The Dakota sandstone, underlying the northern Great Plains, has its intake in the Rockies and is a major source of water for an extensive semiarid region. North of the Po River in Italy is a line of flowing springs, the *Fontanili*. Fed by melting snows in the Alps, the underground water moves down through an aquifer of coarse glacial and alluvial material. Many of the north Saharan oases exist because aquifers transport Atlas Mountain waters a long distance out into the desert to reappear as springs.

**One of your U.S. most important Aquifers is under portions of Texas and irrigates the great grain and natural growing fields of Deaf Smith County area, etc. Wouldn't you guess that this is the area contemplated for massive nuclear waste disposal—in pipes and containers sunk into and through that aquifer? How safe do you feel with the "beast" in charge of your very existence?**

If you would measure simply the total volume of water delivered per hour, perhaps the most remarkable series of springs anywhere in the world also occurs in the U.S.—in the Snake River canyon of southern Idaho. Here for 10 miles upstream from the town of Hagerman literally thousands of vigorously flowing springs issue from a porous stratum exposed along the north wall of the defile. Nobody seems to be absolutely certain where this huge volume of water originates but two bits of evidence point to a likely source: (1) there are no tributaries of any kind entering the Snake from the north for a 200-mile stretch short of Hagerman; this despite the high Rockies and Continental Divide not too far off and (2) there are several streams draining southward from the Rockies, notably the sizable Lost Rivers, which disappear abruptly into porous lava beds.

If this is indeed the source of the Snake River springs, then you must visualize an aquifer, probably a buried **vesicular** lava sheet connecting the Lost River sinks with canyon wall flows. Vesicular lava, when molten, is highly charged with gases and, as it cools and congeals, the tiny apertures created by the escaping gases result in an exceptionally permeable layer. The underground water does not percolate sedately through this kind of aquifer but flows virtually unimpeded as in a pipe.

### HOT GROUNDWATER

The **heat gradient** of the earth's crust, that is, the increase of heat with increase of depth, may affect groundwater moving along a deeply buried aquifer. Theoretically, there is a depth limit to rock that can contain water, for at several miles down,



the pressures exerted by overlying strata are such that rock pore space becomes inadequate to accommodate a liquid. Water may be present but it is chemically combined in the rocks. But above this limit, sufficient heat still exists to raise the temperature of moving groundwater, and when it discharges, the water is in the form of a thermal spring. This type of spring is not rare, but much more common are the hot springs, geysers and steam vents associated with regions of recently active vulcanism. Here the heat of the earth's interior has been brought well up into the crust where it is easily encountered by even very shallow groundwater. Such well known tourist attractions as Yellowstone Park, the Rotorua district of New Zealand, and Iceland are fantastic assemblages of every conceivable type of thermal phenomenon, and each is underlain by hot volcanic rocks. To be sure, cooling magma emits hot water, steam, and other gases so that all of this activity is not wholly a result of heated groundwater, but surface waters percolating downward to contact the hot rocks below are without doubt an important element.

Hot springs originating in this manner may achieve very high temperatures indeed, many reaching the boiling point. If the heat is even greater, then the water becomes steam and issues through vents in the rock as jets. The term *fumarole* or *solfatara* is usually applied if the pure steam is contaminated with magmatic gases and emits an odor. You will find many such outbreaks along the old volcanic mountains around Mt. Shasta and specifically notable in great numbers about Mt. Lassen. Geysers, which are merely intermittently eruptive thermal springs, are of this same origin. They require a long tube reaching from the surface to the heated rocks below. As the tube fills, the superheated water at the bottom is under too much pressure from the above to turn into steam, but when all of the water reaches the boiling point and some bubbles out at the top, pressure is released and the water at the bottom flashes into steam causing an eruption. The great volume thrown out by many geysers indicates that an underground reservoir must also be present, interconnected with the tube.

### GEOHERMAL POWER

Violent forces such as geysers and steam jets are not merely so much spectacular scenery but have occasionally been put to productive use. A pioneer venture in the volcanic sub-Appenines of Italy was producing practical electricity from natural steam as early as 1913, and Luther Burbank was involved in drilling shallow steam wells at The Geysers near Santa Rosa, California, in the 1920s. These are still, under

new management of course, among the most efficient and largest even today. In addition, important projects are operative in New Zealand, Japan, Iceland, Mexico and Chile, and experimental work is under way and/or operative in many other nations.

Ones who have no understanding of the forces involved remain under the delusion that somehow if you tap this resource you "ruin" or destroy the source. NO, you only utilize a renewable resource ad infinitum. To say, for instance, that if the "Prophet" settlement utilized hot springs in their location that it would destroy the Yellowstone geysers is about as absurd as you can get under any circumstance. This is the problem with **ignorance**, it is so infectious as to the lie perpetrated for the purpose of destroying that which would otherwise be useful and beautiful in recycling.

Electrical power derived from the geothermal resource is not really much different from that of a normal coal or oil-fired thermal plant in its basic scheme. Coal burned under a boiler produces steam, which is directed to the turbine blades of an electrical generator. But in the geothermal plant, nature supplies the fuel and the boiler and there is a huge theoretical cost advantage not to mention lesser air pollution. Natural steam and hot water, however, are always, to some degree, contaminated by dissolved salts and gases and consequently corrosion and scaling of the equipment results. For example, near Southern California's Salton Sea is an immense underground hot water reservoir but, up until now, its utilization has been impeded by equally immense salt content. Further, hot waste water and brine discharges are sometimes difficult to deal with.

### TESLA PUMP

There is a pump/turbine system which can handle such water but you still have the problem of corrosion on other parts of the equipment. However, Tesla produced a bladeless pump which functions on the basis of a "boundary" layer and after motion is begun no water touches the blade itself. This pump can be "reversed" and becomes a turbine for production of power. This same type pump can be utilized for the pumping of everything from potato peels to sand-laden crude oil. The ones who have continued to work on the product, however, have been pushed out of business by the Elite industrial giants who produce other types of pumps. This same pump in proportionate sizing can even pump blood with NO damage to cells—simply by sizing the apertures (space between the discs)—because the substance never touches the blades after motion is instigated. Just

another "old" Tesla device disallowed perfection for your use.

### PHOTON BELT POWER

Don't regard geothermal power as the universal substitute for traditional power (energy) sources any more than you would regard wind as such—for ultimately you will only find the sun or "solar" energy to fill that need. It will come from the photon rays which are becoming ever more powerful as you enter into more gamma-ray and higher frequency "x-rays". These are simply light particles, or photons, in the invisible range and with immensely penetrating capability.

### MINERAL SOLUTIONS IN WATER

The very fact that a large proportion of your groundwater is hard or even brackish is an indication that in all of its movements groundwater is taking into solution and removing mineral matter from the rocks through which it passes. Even perfectly clear cold water has the ability to dissolve some minerals or to combine chemically with the rock to form new minerals. But groundwater is seldom clear, since it must pass through overlying material as it percolates downward to become groundwater. Decomposing vegetation on the surface and the soil below it adds elements that give the water certain solvent characteristics and then, depending on the type of rock it encounters, the water reacts chemically with those rocks. If the water is heated, it frequently becomes a much more efficient solvent and, in the process of being heated, will often pick up various new elements from magmatic gases.

### KARST: WATER-DISSOLVED FORMATIONS

An excellent example of the sort of solution activity in which groundwater can engage is the removal of calcium carbonate by either hot or cold water with a high carbon dioxide content. Percolating through the cracks in a massive underground limestone stratum, such groundwater can etch out sizable cavities in a relatively short time. Given a longer time, such huge caverns as Carlsbad and Mammoth Cave result. Eventually, the terrain above these caves can be affected as the roof supports are removed and slumping and cave-ins manifest themselves at the surface in deep holes called *sinks* or *dolines*. Normal surface streams may disappear into such sinks only to reappear many miles away having flowed as an underground river through the cave. In Central Florida where the groundwater level is high, these sinks become lakes. Further solution within the cave will cause in-

creased slumping until the original surface all but disappears and the landscape takes on a fantastic lunar aspect of sharp eroded spires. Eventually, even these become subdued through the activity of wind and rain, erosion, and weathering. Such a landscape deriving its character from the continued expansion of solution caverns beneath it, is called **karst**, after the region in Yugoslavia where this type of landform was first described. It would be a bit easier to picture if we have fully discussed the geomorphic cycle that karst landscapes display and I hope that at some point we can go into that as a subject. My great joy is in teaching and sharing, and it is most unfortunate to be always so limited in ability to give as all that I know would benefit you so greatly. We must, however, work with that which can be given and accepted in a sequence pertinent to happenings.

#### DEPOSITION OF WATER CONTENTS: CAVE DEPOSITS

All "solution" is admittedly not scenic, but it is a constant process and, over the centuries, an effective one. And if there is solution and removal of materials, there must be deposition. Sometimes deposition is long delayed as when the charged water finds its way to the sea, adding its bit to the salt content there, and it remains for the sea to accomplish the deposition. Frequently, however, some deposition occurs along the route to the sea. Course aquifers become indurated, mineral layers build up around spring outlets, and colorful crystals develop in rock cavities. If a cave is open to the atmosphere, lime-rich water dripping from the ceiling partially evaporates and deposits hanging needles (*stalactites*) to be matched by counter-needles on the floor (*stalagmites*) where each drop evaporates further.

#### PETRIFIED WOOD

Even such elements as silicon, normally strongly resistant to solution, may be taken up by certain types of warm groundwater and redeposited. Where organic remains such as tree trunks gradually decompose, each molecule is faithfully replaced by silicon to give you petrified wood. Other minerals too, many of them valuable economically, are concentrated by this process of groundwater replacement. What causes groundwater to give up its minerals? Cooling of hot water may account for wood deposition; evaporation and chemical change as new elements are taken into solution, or the activity of specialized plants such as those that give color to some hot springs are responsible elsewhere. So groundwater constantly dissolves, transports, and deposits and thus

is deserving of recognition as at least a moderate gradational agent along with wind, waves, ice, and running water.

#### WHY IS THIS LESSON PERTINENT? DELIBERATE CONTAMINATION OF WATER

The reason it is so timely is that the first contamination of water supplies, especially in rural areas, is going to be through the wells and groundwater systems for "tampering" is harder to discover and usually there are less sophisticated persons involved. In great population areas, contamination is introduced in "substation" covered areas to hopefully prevent original recognition of tampering. Before you are done with this game—whole cities will be shut down because of total contamination—but with contaminates which will not be discovered until their introduction is well under way and without capability of PROVING deliberate contamination.

Laboratories are not geared up to even reveal or isolate such contaminates as these new crystalline virus forms so water supplies will be pronounced "safe" when, in fact, they are not. Contamination itself will not usually be discovered or considered in most epidemics of "flu", etc., because the water tested is for the same old expected contaminates. It will be through other happenstance that things will call attention, for where you have one organism or substance present—other things are tattle-tale. Always it will be that deliberate contamination will be masked by already present disease symptoms which delay further the isolation of causative organisms or substance. This is exactly what is happening in this local Golden Hills area. You have wells and groundwater usage from areas wherein contamination was easily introduced and separation is handled at the separation lines of Tehachapi proper. That does not mean it won't creep over into the

supply but some of the other water comes from other resources than does the water for Golden Hills. The contamination at the prison in the area, for instance, can be totally controlled and isolated—then purged to show no evidence of deliberate tampering, causing it to be accepted that Hepatitis is passed from person to person instead of via the main water supply.

#### CONFIRMATION?

As we sit to finish this writing, we already have confirmation of my projections coming forth. E.J. just now delivered an article (I believe brought in by Dr. Young) on this subject which is headed: *FEAR OF FAUCETS, Do our water-treatment plants protect us against dangerous viruses in our drinking water?*

It is too lengthy to take up the subject in this writing but we will present it to you at our next sitting.

Thank you Dharma, for your secretarial service; it is good to be working closely again for old friendships are comfortable and renewing to purpose and intent of missions. I appreciate being asked to share from time to time and look forward to more extensive insight into great geophysical phenomena and evolvment of continents and even planets. Since I will probably not sit with you in the reprinting of the information, I shall look forward to sharing again and would bid you good-day and Godspeed. I salute you ones for your ongoing and endless service. I do not use the term "tireless" for I witness that you are all totally "tired". We make progress, however, and in the ending—THAT shall make the day. Salu.

Soltec to clear and relinquish frequency and to you ones who are "frequency" monitors, I do not utilize Gyeorgos Hatonn's circuit or frequency. We do, however, seem to work it out quite nicely. May peace prevail. Adonai.

## PHOENIX LIBERATOR COMPUTER BULLETIN BOARD

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Set your computer for 2400 or 9600 baud N-8-1.

The board uses Procom+ and most of the files are in zipped (or compressed) format using the program PKZIP.

Information contained on this BBS concerns individual rights, legal briefs of all kinds, constitutional and related matters, rare treatises on freedom, some of Hatonn's daily writings, PHOENIX LIBERATORS and much more.

THE LIBERATOR and Hatonn's writings are in MS Word 5.0

If you try to enter the BBS through Windows, it won't work.

If you have any questions or problems, call

The System Operator, Rick Martin, at (805) 822-9545.

**Spread the WORD**

# Know What You Face From Virus-Contaminated Water

**9/14/92 #1 HATONN**

You-the-people will be told that there is no virus found in the water supply which is contaminated. We speak here about the specific location of Golden Hills (Tehachapi area), Calif. It is brought home because I am HERE and you ones will "listen" to me and act. I do not yet have audience elsewhere who will act quickly enough to make impact.

We have gone through the entire process and explanation of "Groundwater" because in THIS instance it is groundwater which is in point but the entire water supply of your nation is contaminated. To understand and realize this I ask that you read on and digest the entire written offering—NOT just personal perusal and then toss aside if you think you live on the "safe" side of the break-down point of the piping system. Tehachapi is in trouble also but no one has told you. Due to drought you all have terrible water for consumption and a whole nation is being contaminated with substance (viruses) which cannot be ever "cured". It may seem a small issue now but think what happens as the excretion from sick ones produces even more contamination for *these particular viruses are NOT KILLED by any current water treatment methods.*

## HEPATIC DAMAGE

Ones with hepatic damage already present are targets for death and it will never be told what was the cause of death. This assault is planned to serve that very need—depopulation without knowledge of cause of death. If you are an abuser of drugs cleansed through the liver, a Lupus diagnosed person with organ involvement (this will always include "liver") or a simple "alcoholic" or frequent user to the extent of even minor damage to the hepatic system—YOU ARE A TARGET.

It IS the contaminant in the water right now which causes immediate reaction to the source problem in the liver of the human. The REAL culprit is that which affects the liver and also causes the various forms of Hepatitis (meaning: inflammation of the liver). The pathogen works in concert with the substance already present as toxins to and in the liver and causes exactly

what you witness in Hepatitis, etc. The toxins are in the hepatic system and when stricken by this particular type of virus there is a major reaction, illness and, in damaged persons, full blown seizures, convulsions, heart inflammation, heart/lung inflammation, heart "attack", symptoms of Hepatitis and Mononucleosis (general fatigue, malaise and liver damage symptoms of all kinds). There will be a reaction to fatty foods and an inability to break down glucose properly; this being response of the mitochondria in inability to properly function. The seizures are the most damaging and some will have been having them under certain circumstances without realizing it. There WILL BE NO MEMORY OF THE ACTUAL SEIZURE ITSELF. This will manifest in signs of falling, loss of bladder and/or bowel control, bruising from damage during falls at onset of seizure—IN AN ALCOHOL RELATED SITUATION IT WILL OCCUR MOST OFTEN FOLLOWING GASTROENTERITIS AND **NO** INTAKE OF SUBSTANCE.

The response of paramedics and hospital attendants will be "withdrawal" but in actuality the symptoms will not mimic fully withdrawal or substance seizures. In fact, the patient will usually be considered well and be discharged within a very short time if brought to emergency care.

If admitted for hospitalization, the diagnosis will most likely be listed as Hepatitis (if organism can be isolated) or Lupus for this virus gives symptoms and can even mimic test results found in Lupus. This is exactly the WAY AIDS WAS INTRODUCED—BEHIND OTHER CIRCUMSTANCES BUT IN THE U.S. IN THE INOCULATIONS AGAINST HEPATITIS.

The virus introduced will, at some time shortly noted, be categorized as an AIDS causing virus. It is already on the list as revised. Check first your prison populations and then the general public—you will find Hepatitis B and C now listed as "epidemic" in some states, such as California.

There are great interesting observations to make. Check what is happening—especially in households where there is a known alcoholic—AS THAT PERSON STOPS DRINKING. THE SYMPTOMS WILL EXACERBATE IN ALL INSTANCES. THERE ARE NOW ADDITIVES INTO WINES AND ESPECIALLY THE "CLEAR" ALCOHOLIC SUB-

STANCES WHICH ARE INTRODUCED TO INTERACT WITH THE VIRUS IN POINT. IT IS JUST AS A HERPES (COLD SORE) WILL BREAK FORTH UNDER GIVEN CIRCUMSTANCES. THIS, JUST AS A HERPES VIRUS, IS NEVER CURED OR KILLED—IT WILL REMAIN IN THE BODY FOR THE REST OF THE LIFESPAN, READY TO BECOME ACTIVE IN GIVEN SPECIAL CIRCUMSTANCES, USUALLY ACCOMPANIED BY SEVERE STRESS.

In the situation wherein you have damage attack severe enough to affect the nervous system you have a really potentially deadly setup. The same symptoms will be going on in affected areas, in hundreds of households. If the person, for instance, is an alcohol user you can expect the worst responses to come with **no** intake of substance. If you have persons with other causes and diagnoses (i.e., Lupus) you will have myocardial response in all probability with or without other symptoms but severe illness and acute (almost instant and sometimes "instant") response to simply a "drink of water" almost as in the response to rabies infection.

As the liver becomes compromised the brain neuron interruptions result in seizures or heart attacks and usually the actual cause of symptoms is MISdiagnosed.

## "YELLOW" JAUNDICE A CLUE

Your major CLUE in this local contamination report is the printed word regarding symptoms wherein "jaundice" is one of the symptoms along with gastrointestinal upheavals. Jaundice is ALWAYS resultant of a compromise insult to the hepatic (liver)-biliary system. If jaundice is present, as it was with persons immediately in point—the toxin is already at work and the person is already in toxic response in a major way. It may not be apparent but the liver is under severe attack and this is irreversible damage. If symptoms are allowed to continue there will be total nervous system response and actual brain damage resulting in seizures and ultimate mental incapacity.

The population is TRAINED to BLAME whatever APPEARS most obvious. That is intentional so that no one notices until AFTER the damage is done that anything is going on. The reactions will occur first in



already compromised systems and therefore diagnosis will be missed in the first complaints and, therefore, there will be no assault against the perpetrators until AFTER the disease is in full-blown epidemic proportion. Just as AIDS was intended for a certain segment to miss detection in time to stem the process, so is this next onslaught of introduced death-viruses. This will hit, first, the alcohol and drug users and those already compromised by systemic disease such as hepatitis and systemic lupus.

**I DON'T KNOW HOW TO MAKE YOU SEE, CHELAS, YOU ARE UNDERGOING TOTAL AND DEADLY ATTACK AND FEW ARE ABLE TO SHAKE OFF THE SHACKLES OF BLIND IGNORANCE TO TAKE ACTION IN TIME TO STOP THIS INSANITY.**

Dharma, I ask that the items brought as confirmation be placed herein—if I cannot cause you to look at this—perhaps you will SEE SOLID EVIDENCE. I know that you ones had no access to this information prior to my introduction of the matter—but please do not waste time in pondering and lingering over possible reactions of the public—GET IT OUT THERE! YOU ONES ARE BEING SLAIN AS DELIBERATELY AS IF YOU WERE ON THE BATTLEFIELD, WITH BULLETS AS AMMUNITION AGAINST YOU, THE TARGET. **THIS IS AS SERIOUS AS IT GETS.**

QUOTE:

*SAN FRANCISCO CHRONICLE*, "THIS WORLD" section, AUG. 23, 1992. **FEAR OF FAUCETS; Do our water-treatment plants protect us against dangerous viruses in our drinking water?**

*[Editor's note: The author of this article is Bryan Jay Bashin who is executive director of the Center for Science Reporting, a Sacramento-based science news service. This article originally appeared in the July/August 1992 issue of Eating Well magazine.]*

For years a tiny handful of scientists suspected that there was something wrong with the way cities purify drinking water. Pierre Payment, however, was **not** among them and, on a wager, the Montreal virologist designed an experiment to **prove the water skeptics WRONG**. But science can turn upon small events: Payment lost the bet and demonstrated that our drinking water may not be as pure as we like to think it is.

In dispute was the significance of a small number of viruses. Although Payment had been finding viruses in Quebec rivers and tap water for years, conventional wisdom said that those viruses were not responsible for widespread disease. In 1985, while attending a microbiology conference in Washington, D.C. the Canadian researcher decided to bet an American

colleague that he could prove, once and for all, that the conventional wisdom was right. Payment wagered that he and his colleagues at the University of Quebec's Armand Frappier Virology Research Center, who had a reputation for being tenacious virus-hunters, could demonstrate that a few stray viruses were nothing to worry about.

"We decided to find out what happens to people who drink water from a state-of-the-art plant meeting all U.S. and Canadian regulations, but which draws upon disease-contaminated source water," Payment recalls.

**The experiment Payment devised went to the heart of a truth that people who drink treated water may not want to think about: Hundreds of U.S. and Canadian water plants routinely produce tap water from water that contains, at least in part, pathogens and micro-organisms from sewage. American rivers slake the thirst of, and serve as sewers for, an enormous population.**

"I used to live in Bozeman, Montana", says microbiologist Mark LeChevallier, who works for the American Water Works Service Company near St. Louis. "The water they get here on the Mississippi is the water they've flushed in Montana six months ago."

Actually it takes the water slightly less than ONE month to make the journey from Montana sewage plants all the way down the Missouri to St. Louis. By then the river is loaded with bacteria and discarded viruses from hundreds of upstream sewers, animal feedlots and slaughterhouses. St. Louis treats that water in drinking-water plants, uses it, treats it again in sewage plants, and puts it back in the Mississippi. Ten days later and a thousand miles downstream, they're drinking it in New Orleans.

Yet those in the clean-water business, such as LeChevallier, offer a reassuring message. "We believe that our water in the United States is well treated and safe to drink. ... Today people don't really have to think when they turn on the tap."

All Pierre Payment set out to do was prove that this common premise **was true**. He says he began his million-dollar experiment sure that "there were so few viruses in tap water that we could show water was causing no disease. What we found was the reverse."

Payment didn't have far to look to find a dirty river. Practically in his backyard was a plant that treats Des Prairies River water and pipes it to 40,000 people in one part of suburban Montreal. What made the river ideal was that Payment already knew there were viruses in it—anywhere from 5 to 10 percent of the Des Prairies flow consisted of untreated sewage. Yet no records existed that showed

that Montrealers suffered an unusual amount of sewage-linked disease—the mysterious bouts of diarrhea and 24-hour "bugs" that strike most households once a year or so. The neighborhood's tap water was locally considered of good quality and regularly met government standards similar to those that govern U.S. water.

Payment designed perhaps the most thorough study of tap water drinkers ever conducted, putting 2,400 people in suburban Montreal under close scrutiny. To tease out useful data, he fitted half of the test families kitchens with extremely efficient \$800 under-the-sink reverse-osmosis filters. The filters were so selective that they passed no viruses or bacteria, enabling Payment to compare the health of families drinking and cooking with purified water with a control group that took water from the tap—from the treated water of the Des Prairies River.

Payment expected a tiny difference at best. The state-of-the-art tap water plant used chlorine, ozone and a variety of filters to kill bacteria and viruses. To produce telling statistics, he'd have to let the experiment run for 18 months. No one had studied such a large group of water drinkers for that long. It was a costly and difficult gamble.

The telltale illness Payment was looking for—gastroenteritis—is a good indicator of tap water's overall infection potential because any of dozens of different bacteria and viruses cause its symptoms: vomiting, diarrhea, nausea, cramps. Gastroenteritis is also important because researchers are linking one of its causes—the extremely hardy enteroviruses—to far more serious illnesses. (See accompanying story below, **"More Than Just 'Stomach Flu'"**.) One of the implicated enteroviruses, the Coxsackie virus, is associated with a devastating form of heart-muscle deterioration. Researchers are homing in on other enteroviruses that may be linked to diabetes, meningitis and problems during pregnancy. Payment's focus, however, was on the much more common and easy-to-measure incidence of short-term gastroenteritis.

To get the data, Payment's group decided on a tedious mix of biweekly phone checks and ongoing health questionnaires. The results of the phone calls were startling. "Almost from the first month, we started noticing the trend," says Payment. "Across every age group, sex and region, people who drank tap water without the filter were getting sick more often (than the drinkers of the filtered water)."

The experiment was detailed in the June 1991 *American Journal of Public Health*. The control group of Montrealers drinking unfiltered tap water had a 30 to 35 percent greater chance of getting gastroenteritis compared with those who drink highly filtered tap water. Something



in the water was making the control group sick—but the use of sophisticated filters significantly reduced the incidence of such illnesses. The filter reduced adult gastroenteritis by two cases per 10 adults per year. Children under 5 had even greater reductions; four to eight fewer sicknesses yearly per 10 children.

The dramatic reductions among the filtered-water drinkers would have been even greater if 5 percent hadn't contracted gastroenteritis from, oddly enough, the filters themselves (see story below, "**A Filter that Breeds Bacteria**").

One dismaying conclusion from the results is that this small, well-maintained plant may represent the tip of a microbiological iceberg. After all, in one small community in 1988-89, that single water plant had spread some 8,000 cases of short-term disease—and, apart from a dogged virology team, no one noticed. How much more disease may remain yet to be measured is any epidemiologist's guess, since U.S. government agencies haven't yet conducted a similar study here. The U.S. Environmental Protection Agency (EPA), for its part, says drinking water must be so free of bacteria and viruses that no more than one consumer in 10,000 will be sickened per year. **[H: In a place like Golden Hills there should be "o", zero—none. And, no more than one in all of Greater Tehachapi.]** Payment's experiment shows that not one but 2,000 consumers are being sickened by something so preventable that certain under-sink filters can knock it out.

It's not hard to find a reason why the effect has thus far remained undiscovered: The illness is relatively mild, and its normal incidence per family is relatively small, about one extra case of gastroenteritis per Montreal family every 15 months. **[H: Don't lose focus for this virologist is speaking of "regular" strains of viruses or bacteria—NOT what is purposely in water systems in the local area, for instance. You can know this because one of the "symptoms" mentioned in the paper releases, lists "jaundice" and that comes only from some type of liver involvement—not simple gastroenteritis.]**

That may not sound like much—a miserable day in bed now and again for one family member or his or her neighbor—but if Payment's results hold true in the United States, tap water may, amazingly, turn out to cause at least as much gastroenteritis as is caused by bad food. That's a remarkable rethinking of the sources of staggering amounts of American "stomach flu"—especially in a decade which has seen foodborne-disease outbreaks linked to raw eggs, chicken, soft cheeses, cantaloupe and seafood.

Payment's experiment revealed the

opposite of classic "outbreak" epidemic, with many people succumbing within a short period of time. Instead, water-drinkers may have come to accept occasional gastroenteritis as "normal".

"If you take the data we have, it isn't an epidemic. In fact, the disease maintains a subepidemic level... We might, as a society, now accept as normal a large chunk of gastrointestinal sicknesses which may be preventable."

If the Montreal subepidemic is projected across the U.S. population, the tally mounts to millions, if not tens of millions, of excess gastrointestinal bouts, with an economic cost of several billion dollars. And if scientists find that U.S. water plants are also passing on excess gastroenteritis—even though their tap water may meet **recently revised** EPA standards—a major re-evaluation may be in order.

Most probably, the preventable illnesses that Payment measured were caused by viruses. Payment had found viruses in Quebec municipal tap water before, roughly one human virus in each liter of raw Des Prairies River water. Were the viruses present in Montreal, but in numbers so low that they were not detectable?

"I sat down and thought," recalls Payment. "If the plant produced water with just one virus per 1,000 liters, the number of resulting diseases would be very close to what we saw in our study. And we can't accurately measure those few viruses. Every time I detect one, there might really be 10, or 100, undetected."

"And even if you only have one virus in 1,000 liters, that means that one person will be infected per 1,000 per day. That's why we've been trying to get that last virus."

That last single virus is enough to infect an individual; its public health importance is far greater than killing say, every last bacterium. That's because it can take hundreds or thousands of, say, salmonella bacteria to cause infection, but even single viruses—more efficient in causing disease than bacteria—can infect a human. A few viruses, then, can cause sickness in water supplies out of all proportion to their numbers.

"I think the potential is large for a viral cause," says Dennis Juranek, chief of epidemiology at the parasitic disease branch of Centers for Disease Control in Atlanta. "In over half of the outbreaks investigated, no [causal] agent is ever identified."

There has been no shortage of water-related illnesses to survey in the United States: From 1971 to 1985 there were 485 **clusters** of disease so widespread that the CDC has classified them as "outbreaks"—each averaging 7,400 cases of disease. The outbreaks happened at diverse sites, from contaminated wells to city water systems, but nearly everyone in the field agrees that

those numbers represent just a fraction of 1 percent of the true number of waterborne infections.

But to say that viruses may be the cause and that water-treatment methods may be to blame is not to say that proving Payment's theory will be easy. "Virtually nobody has the lab capability and resources to do [necessary] large-scale investigations for viruses," Juranek explains.

Water scientists are at a loss to explain how state-of-the-art treatment plants like the one in suburban Montreal could pass on so much illness. A visit to most North American municipal plants—from which 83 percent of Americans get their water—is reassuring to a casual observer. Sparkling-clean water passes through mazes of increasingly cleaner channels; the sharp and satisfying antiseptic smell of chlorine permeates the air. Whirling pumps, white-coated technicians, authoritative banks of gauges—it's a perfect setting for a Mr. Clean commercial. As river water gets chlorinated, sedimentated, inoculated, coagulated, filtered and ozonated, might an occasional virus be able to get through?

**[H: Indeed, indeed. The virus now under point is one which is NOT KILLED OR TOTALLY FILTERED BY ANY KNOWN OPERATING SYSTEM TO 100%. THE VIRUS IN POINT HAS A COVERING "SHELL" WHICH IS NOT PENETRATED BY AVERAGE "SAFE" AMOUNTS OF CHLORINE (REMEMBER THAT CHLORINE IS A DEADLY POISON). THE VIRUS, LIKE THE HIV VIRUS, MOVES RIGHT THROUGH ALMOST ALL SAVE THE MOST INTACT MEMBRANE FILTERS JUST AS THE HIV PASSES EASILY THROUGH A CONDOM. MOREOVER, THE HIV IS SECURE, ALSO, IN ANY SYSTEM OF PUBLIC WATER CLEANSING APPARATUS NOW IN USE. YOU MUST UNDERSTAND, THE SCIENTIFIC COMMUNITY HAS NOW "CREATED" VIRUSES FOR SPECIFIC PURPOSES AND DEFENSES. THIS IS HOW THEY CAN TELL YOU THAT ALMOST 100% OF YOU WILL TEST HIV POSITIVE BY THE TURN OF THE CENTURY! IT IS A SURE THING—NOT JUST SPECULATION.]**

**9/14/92 #2 HATONN**

**CONTINUATION: FEAR OF FAUCETS**

**VIRUSES VS. BACTERIA**

Viruses do, after all, have distinct advantages over bacteria because of their tiny size and durability. **If a bacterium were, say, the size of a football field, a typical virus would be only the size of a football. The ordinary sand filters that most water-treatment plants use reliably stop larger bacteria, but as many**

**as 5 percent of the viruses pass right through.** To truly reduce viral numbers, the EPA requires water companies to use a multiple-step process.

**The EPA rules tell the nation's 54,000 water suppliers they should reduce the number of viruses to no more than 1/10,000 of the source waters' original concentration. It's a curious mandate—local plants must precisely reduce the numbers of something they never actually measure.**

[Editor's note: Go back and read that last statement again. This is what science and engineering have deteriorated to and why I—Ed Young—have gotten out of it to hopefully do some good through this newspaper.]

The EPA's 1989 Surface Water Treatment Rule exempts plants from having to test or count viruses in any way. Instead, plant operators spend \$75 million yearly assiduously counting an old standby bacterium called coliform, in larger systems sometimes hourly. The problem is, coliform bacteria are next-to-useless indicators of waterborne viruses.

The theory has long been that although fecal coliform bacteria usually don't cause disease, they often show up when disease-causing sewage bacteria has leaked into water. So utilities dump chlorine into the input water and the coliforms vanish. By doing so, utilities meet the EPA's microbe-destroying requirement. Day in and day out, bored water technicians keep testing chlorinated water to find fecal coliform. What about viruses? From New Orleans to Newark no water company technician tests for them, so there is no record of any "problems".

### **SHABBY REGULATIONS AND PHONY ARITHMETIC LEAVE WATER IMPURE**

To meet the letter of the law—1/10,000 the virus numbers originally in the source water—EPA rules allow water utilities to choose from a sampler of technologies which—on paper—should reduce virus numbers adequately. Filter your water, the EPA says, and they'll credit utilities with reducing viruses a 100-fold. Disinfect the water and we'll assume water viruses are reduced another 100-fold. Multiply these two reductions together and, *voila*, utilities can claim they've reduced viruses by 10,000 times—a mathematically-derived 99.00 percent reduction. And no technician ever need raise a test-tube to be sure the system's working.

Of course, the dirtier the source, the more trouble treatment plants have producing uncontaminated drinking water, but right now the EPA doesn't require cities

using even the filthiest river water to add extra disinfectant or filtration—in fact, no more is required of those cities' plants than from, say, mountain springs.

"We recognize that the minimum required under the rule would probably not be adequate for systems with heavy fecal contamination," says Stig Regli, regulation manager at the EPA's Office of Groundwater and Drinking Water. "One thing that we're considering at the EPA is developing an eventual amendment to the Surface Water Treatment Rule which would require higher levels of total treatment with poor quality source water."

The smart money says that it won't be earlier than the mid-1990s before the EPA's ponderous process of hearings, re-hearings and legal paperwork can fix the present law—if the next administration makes it a priority.

California water supplies, on the whole, are far less polluted with human waste than many U.S. rivers. San Francisco, with its aqueduct drawing from the Sierra's Hetch Hetchy reservoir, faces negligible human waste disinfection problems. On the other hand, many cities along the Sacramento and San Joaquin River systems—like Fresno, Sacramento and Redding—dump their treated waste into waters that eventually wind up in the delta. From Contra Costa County to Southern California (via the State Water Project) a maze of local water plants depend upon theoretical estimates of the effectiveness of filtering viruses out of that delta water.

"In the literature, people have written that water plants should reduce viruses (to 1 billionth of the original number)," notes Payment. "So you should have no viruses left. That is theoretical. In practice, the filtration plant is imperfect."

Payment knows this firsthand because, in the jargon of researchers, he's done the wet work. In 1985, he found seven Quebec water-treatment plants passing about one virus per every 1,000 liters of treated drinking water. Some tap-water samples had not one, but 10 to 20 viruses.

Jack DeMarco, superintendent of the Water Quality and Research Division for Cincinnati's Water Works, says that smaller systems may inevitably fail to follow rigorous technical standards in caring for sand filters. "Sometimes," he says, "small systems misoperate by improper cleaning."

**One seemingly obvious solution is simply to kill viruses by pouring in still more disinfectants like chlorine. But when chlorine is added to raw water containing organic matter, it forms tiny amounts of a family of potentially cancer-causing by-products.** Utilities and the EPA won't permit still-higher chlorine concentrations. Utilities that hope to counteract viruses in their source water must

begin thinking of novel—and sometimes-experimental—disinfection technologies. Cost of these new technologies varies, but in general it's just a few percent of the billions of dollars cities spend to operate waterworks.

And it's not as if river water has been getting filthier and filthier. Mississippi water, for example, has far fewer of those indicator-bacteria, fecal coliform, than years ago, thanks largely to the 1974 Clean Water Act, which forced U.S. cities to treat their sewage before discharging it into rivers and lakes. **What is new is virologists' awareness that sewage treatment plants aren't nearly as good at virus killing as once believed.**

"What I find the most difficult about sewage," says Betty Olson, a professor and chair of Environmental Analysis and Design at the University of California at Irvine, "is that a few studies were done back in 1974 and showed there were no viruses in [sewage plant] secondary effluent—and the EPA put the matter to rest. Now we have tests that are five times more sensitive than they had—and yet we have blinders on which don't encourage us to test for viruses today. [Editor's note: Wonder why?!]"

Before any war against viruses can be launched, water scientists insist the Montreal experiment must be redone in other cities. The new experiments are necessary to resolve several criticisms of Payment's study, particularly that the Montreal source water—which contains untreated sewage—was much more contaminated than U.S. water.

But was the Quebec River water that much dirtier than U.S. water? The numbers say NO. There were 57,000 coliforms/liter in Montreal, but 44,000 last year in Cincinnati, and 30,000 to 50,000 just above New Orleans. Montreal's water is dirty, all right, but not much dirtier than thousands of miles of U.S. rivers. "Clearly, I think the virus and coliform in Montreal [rivers] are probably something you could find in Missouri and Mississippi and some of our larger waterways," agrees Joan Rose, a virologist in the University of South Florida.

Back at the Institute of Virology in Montreal, Pierre Payment is planning the decisive experiment. He would measure illnesses in two matched cities, one with high numbers of viruses known to be in river water, the other with few or no viruses. If he can show that there is the same incidence of disease in both cities, then the problem is not caused by viruses. "Right now," he says ruefully, "I'm trying to get the money to do the study."

"I think we have to validate the research that Payment has produced," says Alfred Dufour, director of the EPA's Microbiology Research Division in Cincinnati. "If it's repeated, with similar results, then I think we have to be concerned that

there's something in our treatment process that isn't catching these pathogens, whatever they are."

Defour's group at the EPA's Environmental Monitoring Systems Laboratory in Cincinnati may be the first to reproduce Payment's experiments, if it can cobble together enough money from various agencies. It may be 1994 before an experiment is under way and the slow pace of the EPA research irritates some in the research community. *[Editor's note: For the rest of us, it only confirms that purposeful foul play is afoot.]*

"The EPA has tables of research on toxics, on pesticides, but right now, we have just one table on coliforms, which tells us nothing about what harmful organisms are in water and what the risk is," says Rose, who blames poor support for research from the Reagan and Bush administration. Under Reagan the EPA cited cost when it dropped out from funding half of Payment's Montreal experiment.

"The EPA has a water-research budget for water", says Betty Olson of UC Irvine. "They put \$775,000 into protozoa, viruses and bacteria—and \$20 MILLION into chemicals. We may be spending millions of dollars going after mice and letting the elephants get through."

Privately, scientists who study drinking water are aghast at the poverty of funds for water research—the United States still hasn't been able to fund \$1 million to repeat Payment's experiment—and wealth of private spending for household water systems. Each year, they point out, private citizens spend \$640 million for in-home water treatment—fully a third more than the EPA's entire national drinking water budget.

Since Payment published his research—focusing late-20th-century science on 19th century water-treatment technology—a few water engineers have begun wondering how to redesign plants, a few epidemiologists have started to talk about follow-up studies, and a few Washington regulators are beginning to pay more attention to viruses. "Certainly a study like Payment's is eye-opening," sums up the EPA's Stig Regli. "There's a revolution going on with microbiological risk assessment right now. ... It's changing our perception of what may be in the water."

END OF QUOTING FEAR OF FAUCETS.

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Good luck citizens—the plan is to have the world depopulated down to not more than 550 million people by the turn of the century. That comes from the Elite LIPS of one George Bush of the New World Order. Indeed, good luck—most of you will be quite DEAD by the time the government acts—for they are the ones who have done it TO YOU.

Please stay tuned and read the next articles relative to this subject—and by the way, do have a good day, IF you live through it.

9/14/92 #3 HATONN

## More Than Just 'Stomach Flu'

*(Editor's note: This is the first of two auxiliary articles to the page 19 main story on water contamination.)*

### QUOTING:

In order for the viruses in tap water to sicken water-drinkers, they must pass through the stomach's corrosive acid environment. Only a few dozen intrepid viruses have evolved that have the ability to survive the journey. **[H: Of course with the pushing of antacids you have provided a nice comfortable rest-bed for the little varmints, removing all difficulty in survival and allowing passage undaunted right on out through the intestinal system and directly back into your drinking water after a nice vacation journey—unless of course, they have to stop and multiply and divide in some loving host body—then bunches more are provided into the water supply of loving friends and neighbors every time you "flush".]** These survivor viruses, however, are worrying epidemiologists because they're increasingly linked to serious, disabling human diseases.

As a group they're known as enteroviruses and they can cause disease from mild queasiness to killing heart failure. Because the outer coat they evolved to protect themselves from stomach acid also helps protect them against chlorine, the most common chemical used to disinfect tap water, enteroviruses are a significant source of waterborne disease. To finish off some enteroviruses may take hundreds, even thousands of times more chlorine, and much more time than it takes to kill ordinary bacteria.

These hardy enteroviruses may be the most dangerous life forms surviving modern water treatment. That's disturbing, because current research is linking some of the 73 known human enteroviruses (Poliovirus, Coxsackie virus, Calicivirus, Echovirus, Rotavirus, Norwalk virus, Hepatitis) to long-term, serious illnesses. The most compelling evidence implicates Coxsackie virus, linked to a devastating form of heart disease in which the heart becomes enlarged, flabby and weakened—dilated cardiomyopathy, currently the chief cause of heart transplantation. The virus seems to trigger a post-infectious autoimmune disease that can

eventually result in heart damage and death.

***These findings aren't just important to ivory-tower researchers: More than half of all people receiving heart transplantation originally became sickened by viral infection of Coxsackie virus.***

"For some of these viruses, years may pass between initial exposure and symptoms," said Rose. That long duration makes it easy to understand why it's been extremely difficult for scientists to link, say a flu-like illness one day with serious disease months or years later. The true frequency and origins of many enterovirus infections, masked until now, remain to be discovered.

Consumers concerned about possible microbial contamination of their drinking water have a number of options. *[Editor's note: None of these suggestions are effective against viruses.]*

\* Have your water tested. Many independent laboratories will test for toxins and bacteria.

\* If you have a carbon filter, change the carbon at least as frequently as the manufacturer suggests.

\* In the morning run the water for at least half a minute before taking a drink.

\* Be certain that all faucets to which garden hoses are attached are fitted with an anti-siphon device to prevent a reverse flow from hose to indoor plumbing.

\* Call the local water utility and get a free copy of its latest water quality report. The report will list levels of coliform bacteria and chemical pollutants found in tap-water samples. The utility engineers may also be able to provide you with a rough idea of the coliform count in source water. If the number is above about 10,000 total coliforms per liter, the source water is roughly as contaminated as that in Payment's experiments.

\* If you decide to buy a home water-treatment unit, an excellent reference is the January 1990 *Consumer Reports* "Fit to Drink" article.

\* Don't confuse distilled water with sterile water. Distilled water is not chlorinated and has been shown to be frequently contaminated with bacteria.

\* Bottled water may be purer than tap water, but some city-manufactured bottled waters may contain more bacteria than plain tap water. Other bottled waters may be a better bet—if you can determine your local brand's water source.

\* For additional information, consult the EPA's Safe Drinking Water Hotline at (800) 426-4791, from 8:30 a.m. to 5 p.m. EST.



# A Filter That Breeds Bacteria

(Editor's note: This the second of two auxiliary articles to the page 19 main story on water contamination.)

Consumers who have bought or who have been considering buying reverse osmosis filters might want to know that Pierre Payment recently discovered an unexpected bacterial problem with many of them. Designed to remove bacteria from tap water, they can also breed it—in staggering quantities.

Under-the-sink reverse-osmosis filters usually pass water first through a carbon filter to remove chlorine and other chemicals and then through a membrane that excludes everything but pure water. Since the membrane filters water at a rate of one gallon every three to six hours, the water is usually stored in a two-gallon holding tank under the sink until it's needed. That's the problem.

The water in the tank has been stripped of the residual chlorine that water plants add to stop bacterial growth in pipes. Sitting stagnate at room temperature often for days in the tank is an ideal breeding ground for bacteria. And breed they do. Payment measured an average of 10,000 bacteria per milliliter of tank water—20 times more than average tap water, some units breed up to 10 million bacteria per milliliter. "Those consumers were drinking water that contained more bacteria than milk," says Payment.

"I was surprised," the Canadian virologist remembered. He discovered that once a filter grows bacteria, it would continue growing them in about the same numbers for months. He published his findings in the April 1991 issue of *Applied and Environmental Microbiology*.

"The bacteria growing in the filter weren't ones we see too often," he says. His team grew the bacteria in the lab, and watched as beige, yellow and sometimes pinkish splotches spread across their petri dishes. The main species—*pseudomonas acinetobacter*, *flavobacterium*, *alcaligenes moruxella*—were known to other researchers and presumed harmless.

Payment's statistics suggested otherwise. People drinking water from filters contaminated with fewer than 1,000 bacteria per milliliter are known to be coming down with gastroenteritis—about what you would expect from the normal population. But a third of the filters grew microbe-laden water with 100,000 or more bacteria per milliliter. People who drank that water, Payment found, averaged five bouts of gastroenteritis each year—10 times what people drinking unfiltered tap water expe-

rienced. **Their \$1,000 filter had given them diarrhea rates like those in the Third World.**

If it weren't for these extra filter-bred illnesses, Payment's Montreal experiment might have shown **even greater differences in illness between the filtered and unfiltered groups—more like 35 or 40 percent.** If he can ever conduct a repeat test with biologically pure water—a technical challenge—he may be able to pin down the exact level of sickness that tap water can produce.

The Quebec researchers have stumbled onto a major regulatory oversight—home water treatment devices are barely regulated by the government. "The major problem is that nobody tests the filters microbiologically once they are installed," says Payment. They're installed and then forgotten. The salesman says, "change the filter every six months, and that's it."

The \$100 million home reverse-osmosis filter industry has more than doubled since 1985.

"We've seen research that the human body is fully capable of tolerating higher amounts of bacteria," counter Peter Censky, executive director of the Chicago-based Water Quality Association, representing 2,600 manufacturers/services of water treatment devices. "Empirically, you consume much more bacteria from your table, your face, your skin. But the question is still open because we don't know enough about the physiology of drinking water."

Last December, Congress' General Accounting Office was far more critical of home water treatment units. "No single authority," the GAO reported, "exists to ensure that units perform as sales agents claim." [H: **Now, if you believe the GAO would "help" you by more regulations then I do have another bridge to sell you in New York.**] Calling federal regulation of the units "fragmented and incomplete", the GAO recommended that the Consumer Product Safety Commission, the Federal Trade Commission, the EPA and industry coordinate a strategy to regulate the effectiveness and safety of the home units. [H: **Oh boy, that should insure that no one ever gets safe water again in a lifetime.**]

Certainly units like the one used in Quebec are in dire need of regulation. Though about 600 manufacturers make home water treatment units, only 54 to date have gotten around to having the Water Quality Association certify their units. Ironically, even that certification (the "Prestigious Gold Seal" in association literature) fails to test reverse-osmosis units for bacterial contamination.

Instead, the Gold Seal is earned if the unit merely filters out dissolved solids, doesn't leak under pressure and isn't com-

posed of toxic materials. Water Quality Association literature—while stressing that these units can filter tap water bacteria—never mention that the filters often produce water containing up to 100,000 times more bacteria than the incoming tap water.

Payment's 1991 research paper on the filters concluded: "These observations raise concerns for the possibility of increased disease associated with certain point-of-use treatment devices for domestic use when high levels of bacterial growth occur."

"We want to repeat Pierre's study," said microbiologist Marc LeChevallier, senior research microbiologist with the industry's American Water Works Service Company. "Reverse-osmosis is a good system—just the way its implemented may need to be modified. You've got to recirculate that water to keep it from sitting stagnant."

END OF QUOTING.

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I am quite sure we will again be blasted with "you fear mongers" and other nasty attacks. I, too, sometimes do not know why we and this crew "bother", but here it is. I ask that you take it or leave it, call if our staff can assist you but spare us your politics and religious put-down. You as a whole are in dire circumstances and what you do with this information is solely up to you. This is purely and simply offered as a public service in information. Shouting denials at our paper crew will merit you nothing but embarrassment as the truth projects itself. You have aiders and abettors of the NEW WORLD ORDER in your midst—knowing or unknowing—and I believe it is time you people open your dreamy eyes and look around you for your time is running out quickly. Salu.

## Afterword

As we go to press tonight, the Golden Hills Community Services District (CSD) meeting about the local contaminated water problem was still going on, *hot and furious*, at the Golden Hills Elementary School auditorium. At this point, over 3 hours of intelligent questions and comments by over 200 justifiably irate residents have been addressed with breathtakingly inept maneuvers of denial by the CSD Board of Directors and their attendant "experts." *THE PHOENIX LIBERATOR* strongly suggests that all concerned local residents take the time to read and digest this issue of *THE LIBERATOR* thoroughly for insight into answers the local Board is hardly likely to provide.



## Support Randy Weaver

Patriots in jail often feel isolated, alone and out of touch with the great causes they have set into motion. Randy has paid dearly for the *Idaho Standoff*. Please send an encouraging letter of support (along with a self-addressed stamped envelope and maybe some extra stamps) to:

**Randy Weaver**  
**Boise County Jail**  
**7200 Barrister Drive**  
**Boise, Idaho 83704**

### THE IMMACULATE DECEPTION

**The Bush Crime Family Exposed**  
 By Russell S. Bowen  
 (Item TIM)

**Major General Russell S. Bowen**  
**U.S. Army tells you where**  
**George Bush was...**

- \* When his shipmates were drowning in the plane from which he parachuted to safety.
- \* When President John F. Kennedy was killed.
- \* When Attorney General Robert Kennedy was killed.
- \* When Martin Luther King was assassinated.
- \* When Ronald Reagan was nearly assassinated in Washington.
- \* When the deal was made to hold Iran hostages until the inauguration of Reagan.
- \* When the truth about his association with Iraq should have been clear to the American People.

See last page for ordering information.

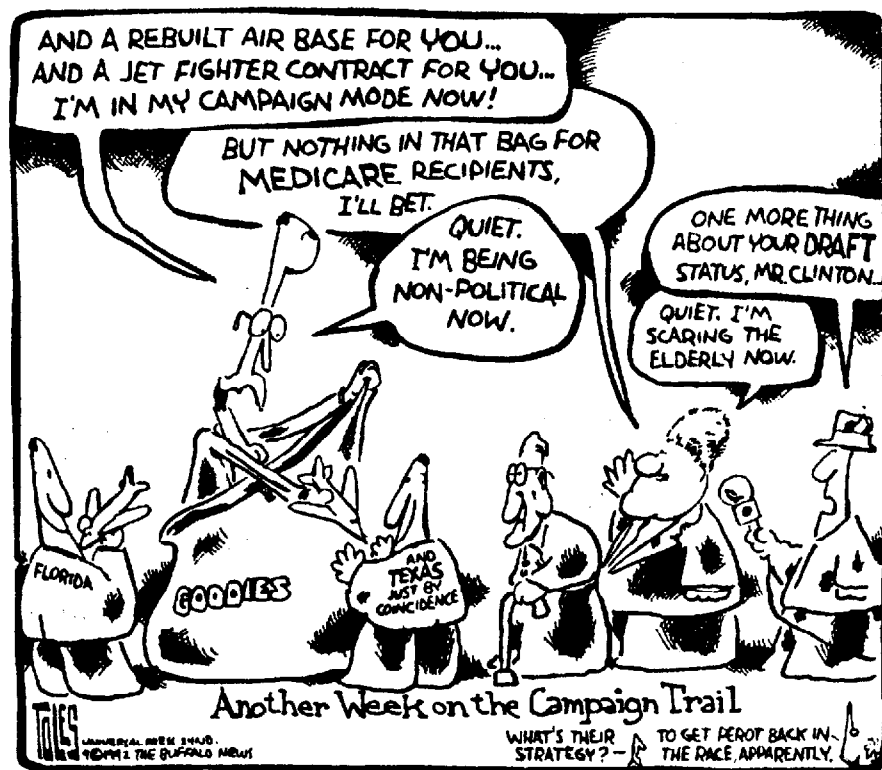
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## Tapes, Transcriptions & Videos

In addition to audio tapes of meetings with Commander Hatonn and written transcriptions of some taped topics, *THE WORD* is now also offering other tapes and videos on selected topics.

Donations to cover the costs of tapes are \$4.00 for one tape, \$6.00 for two tapes and \$2.50 per tape for three or more, except where otherwise noted. The transcriptions are \$3.00 each. (Mexico or Canada add \$0.25 and other foreign countries add \$0.50 per tape or transcription.) Postage is included in tape and transcription prices.

Since we are not set up to take credit card orders, please send check or money order to: **THE WORD, P.O. Box 6194, Tehachapi, CA 93582.** Call 805-822-4176 if you have questions.

If you desire to automatically receive tapes from future meetings, please send at least a \$50 donation from which tape costs will be deducted. We will try to notify you as your balance reaches zero.

*Special Order* tapes are noted below by \* and are not automatically sent since this material is usually either already in print or will be soon. Available written transcriptions are noted by #.

The following is a complete list of meeting dates with the number of tapes in bold in parentheses and mentioning if the meeting has a special focus:

- 2/22/92(4); 3/14/92(4);
- 3/21/92(2); 3/28/92(1); 4/4/92(3);
- 4/12/92(2) a talk at local Community Church;
- 4/13/92(1) # "What is a Semite?";

- 4/17/92(1) # "Who Were the First Christians?";
- 4/25/92(2) \* # "The Photon Belt";
- 4/26/92(3);
- 5/1/92(1) "L.A. Riots and The Bigger Plan";
- 5/2/92(3);
- 5/8/92(2) radio talk show;
- 5/9/92(4);
- 5/11/92(3) \* "Silent Weapons For Quiet Wars";
- 5/13/92(3) meeting with European visitors over lunch;
- 5/16/92(3); 5/23/92(2);
- 5/30/92(3)\* "The Divine Plan and Places In Between" tapes 1-3;
- 6/1/92(3); 6/4/92(2); 6/6/92(4);
- 6/13/92(3); 6/21/92(3); 6/27/92(2);
- 6/28/92(2) radio program, KTKK, Salt Lake City, UT;
- 6/30/92(3)\* "The Divine Plan and Places In Between" tapes 4-6;
- 7/4/92(2) radio program, KTKK, Salt Lake City, UT;
- 7/12/92(3);
- 7/18/92(2) radio program, KTKK, Salt Lake City, UT;
- 7/26/92(3).
- 8/3/92(2) radio program, KTKK, Salt Lake City, UT;
- 8/8/92(2);
- 8/16/92(3)\* **Special order only**, Bo Gritz speech in Tehachapi; also there is a good Video Tape of that Tehachapi Citizens' Rally featuring Col. James "Bo" Gritz available for \$12;
- 9/5/92(2);
- 9/9/92(2) radio program, KTKK.

# Dear Readers: Go For It!

Our country has reached a point in time where we must make an all out effort to elect Colonel James "Bo" Gritz as President of the United States. November is right around the corner and there is precious little time for us to act. Every one of us who supports Bo Gritz must do EVERYTHING within our ability *and beyond* to get him elected. Bo was chosen by GOD to lead us through these troubled times and we must not rest until he becomes our first honest President in many, many decades.

## Believe In Miracles

If we do ALL that we possibly can and then ask GOD for help we will succeed if it is HIS will. If we don't do ALL that we can, then we have no one but ourselves to blame for what the adversary pulls off against us.

Please contact *everyone* and *anyone* who will listen to you about Bo Gritz and what he stands for. Call or write all of the media sources listed below. And don't give up until they listen!

If enough of the American people find out what our government and the private banksters have done to us, then surely there will be a strong positive reaction to keep the

ball rolling and recapture this once great nation under Bo Gritz' capable leadership.

It only took 3% of the *American people* to defeat the British during the American Revolution. Do we have the resolve and the guts that our forefathers did to free ourselves, once again, from yet another King George's New World Order and the insipid Banksters?

Remember that this world is the means and the platform by which we as the Human Species must learn and progress Spiritually at this time. We must recognize and meet the challenge. We must not let the adversary have his way.

America is in a unique position in that as we go, so goes the world. Let's do our very best to lead the way.

If you can afford to buy some literature please contact Bo's campaign headquarters and order campaign videos and brochures to help spread his message. Also, if you can arrange local cable TV air time, then ask Sybil at the campaign headquarters to send you a copy of either the 29 minute or the 60 second, 3/4 - inch format, videos. **The telephone number for the campaign headquarters is 1-800-633-7692.**

PHOENIX LIBERATOR Staff

## What Can You Do? Grab Pens And Phones!

### ANSWER THIS CALL TO SERVE...

Support James "Bo" Gritz in his Presidential campaign efforts by *demanding* that he be given media coverage.

### IF NOT YOU, WHO?

#### C-Span

400 N. Capital, Suite 650  
Washington, D.C. 20001  
(202) 737-3220

#### McNeil/Lehrer News Hour

Dan Werner, Producer  
3620 S. 27th St.  
Arlington, VA 22206  
(703) 998-2844

#### Washington Week in Review

Producer, Richard Richter  
WETA  
P. O. Box 2626  
Washington, D.C. 20013  
(703) 998-2840

#### Larry King Live

820 First St., N.E.  
Washington, D.C. 20002  
(202) 898-7690  
(202) 898-7900

60 minutes, 48 Hours,  
Street Stories, and  
CBS This Morning  
(Must submit story request in writing.)

Attn: Story Editor  
555 W. 57th St.  
New York, N.Y. 10019  
(212) 975-2009

#### Geraldo Rivera Show

WPIX  
555 W. 57th St.  
New York, N.Y. 10019  
(212) 949-1100

CBS-2 (Geraldo, 60 Minutes,  
48 hours, Street Stories, and  
CBS This Morning)

Television City  
7800 Beverly Blvd.  
Los Angeles, CA 90036  
(213) 852-2202

#### Jane Pauley, Exposé, Today Show, Donahue

NBC  
30 Rockefeller Plaza  
New York, N.Y. 10112  
(212) 664-4444

#### NBC-4 (Jane Pauley, Exposé, Today Show, and Donahue)

3000 W. Alameda  
Burbank, CA 91523  
(818) 840-3614  
(818) 840-4444

This Week With David Brinkley  
1717 DeSales, N.W.  
Washington, D.C. 20036  
(212) 456-7777

#### Good Morning America

Network News  
147 Columbus Ave.  
New York, N.Y. 10023  
(212) 456-7777

#### Oprah Winfrey Show

Program Suggestions  
P. O. Box 909715  
Chicago, IL 60690  
(312) 633-1000

KCET Public Television  
(213) 666-6500

#### CNN

#1 CNN Center  
Box 105366  
Atlanta, GA 30348  
(404) 827-1500

#### PBS

1320 Braddock Place  
Alexandria, VA 22314  
(703) 739-5000

Let There Be The Voice Of  
\*We The People\*

## WRITE TO THE TONIGHT SHOW

Let them know that we want to  
see Bo Gritz on *The Tonight Show*

Send a postcard to:

*Tonight Show*

3000 West Alameda  
Burbank, CA 91523

Bo Gritz National Campaign Phone Number:  
1-800-633-7692

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P. O. Box 1911, Suite 122  
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Tesla & Russell  
\$10.00...150 pp  
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