

ORIGINAL

M E M O R A N D U M

September 15, 1997

TO: DIVISION OF RECORDS AND REPORTING

FROM: DIVISION OF LEGAL SERVICES (JAEGER)

RE: DOCKET NO. 960545-WS - INVESTIGATION OF UTILITY RATES OF ALOHA UTILITIES, INC. IN PASCO COUNTY.

Please file the attached letters dated September 22, 23, 24 and 25, 1997, in the docket file for the above-referenced docket.

RRJ/dr

Attachment

cc: Division of Water and Wastewater (McRoy, Starling)
 Harold McLean, Esquire
 F. Marshall Deterding, Esquire
 Mr. James Goldberg

ACK _____

AFA _____

APP _____

CAF _____

CMU _____

CTR _____

EAG _____

LEG _____

LIN _____

OPD _____

RF _____

W.S. _____

DT _____

DOCUMENT NUMBER-DATE

10154 OCT-35



Florida House of Representatives

Mike Fasano

Representative, 45th District
Majority Whip

Reply to:

8217 Massachusetts Avenue
New Port Richey, FL 34653-3111
(813) 848-5885

323 The Capitol
Tallahassee, FL 32399-1300
(904) 488-8528

Committees

Vice Chair, Community Colleges
& Career Prep
Finance & Taxation
Governmental Operations
Regulated Services

September 22, 1997

Steve Watford, Vice President
Aloha Utilities, Inc.
2514 Aloha Place
Holiday, FL 34691

~~Dear Mr. Watford:~~ **STEVE,**

The following constituents have contacted me complaining about their water:

- Robert White, 9114 Millers Pond Avenue, New Port Richey 34655 (376-1423), has black, smelly water and low water pressure.
- Connie Hayunga, 1460 Davenport Drive, New Port Richey 34655 (376-7514), has black, smelly water. Please note that this is Ms. Hayunga's second request for assistance. I sent you a letter on her behalf on June 27, 1997. In addition, Ms. Hayunga said that she contacted your office directly three or four weeks ago and nothing was ever done.

I would greatly appreciate any assistance you can provide to these individuals.

Thanks in advance for your help. If I can ever do anything for you, please do not hesitate to contact me.

Yours truly,

Mike Fasano
State Representative, District 45

MF/cmh

cc: Dr. Richard Garrity, Department of Environmental Protection
Dr. Marc Yacht, Pasco County Health Department
Ralph Jaeger, Public Service Commission

SEP 23 1997
LEGAL DIVISION



Florida House of Representatives

Mike Fasano
Representative, District 45
Majority Whip
8217 Massachusetts Avenue
New Port Richey, FL 34653-3111



Ralph R. Jaeger, Senior Attorney
Public Service Commission
Capital Circle Office Center
2540 Shumard Oak Boulevard
Tallahassee, FL 32399-0850

323997019





PASCO COUNTY, FLORIDA

DADE CITY (904) 521-4274
LAND O' LAKES (813) 996-7341
NEW PORT RICHEY (813) 847-8145
FAX (813) 847-8064

UTILITIES OPERATIONS AND
MAINTENANCE DEPARTMENT
PUB. WKS/UTILITIES BLDG.
7530 LITTLE ROAD S-205
NEW PORT RICHEY, FL 34654

September 23, 1997

David Porter, P.E. C.O.
1857 Wells Road
Suite 226
Orange Park, Florida 32073

Dear Mr. Porter:

In response to your letter of September 11, 1997, we offer the following discussion and information.

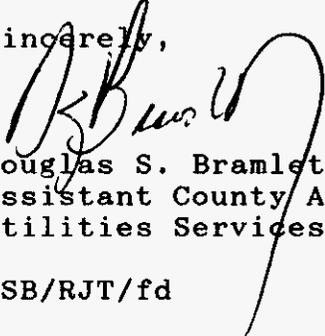
Our letter of August 28, 1997 to State Representative Mike Fasano was written in response to Mr. Fasano's letter to me requesting general information regarding the issue. My response was not intended to be contentious nor make empirical statements regarding the specifics of the existing conditions. I also provided no opinions regarding resolution of the problems but merely my observations in light of background information obtained from conversations with Florida Department of Environmental Protection (FDEP) staff, my water operations director, and water quality laboratory staff.

The source of my information regarding naturally occurring Hydrogen Sulfide is based on information obtained from FDEP and our own analysis of Pasco County groundwater. Employing air stripping of our source water at the Little Road Water Treatment System does not provide 100 percent Hydrogen Sulfide removal as your letter correctly indicates. However, it is apparently efficient enough in its removal to avoid blackwater conditions in our distribution system and in our customer's homes. In addition, you correctly indicate that air stripping may cause the water to become more corrosive. We provide softening treatment to this process to reduce the corrosivity of the air stripping action. This is also the method we use to successfully achieve lead and copper compliance.

You indicate in your stoichiometric portrayal of Chlorine and Hydrogen Sulfide reaction that no elemental sulphur is produced. Later, you indicate that the dissolved oxygen levels in the water will produce elemental sulphur, using a simplified stoichiometric equation. I'm sure you would agree that these two reactions, as you provide, are both occurring in the Chemical Disinfection Process. At this point we should also agree that the hydrogen sulfide issue and most of the side reactions which result from treatment processes employed for drinking water in this part of Florida are aesthetic issues, not necessarily regulated by State or Federal agencies. We should also agree that, in spite of the lack of specific regulatory standards in regard to aesthetic water quality issues, and secondary standards, the customers' perception that their water is safe is as important, in fact of central importance in this regard. This is of particularly concern to us as a utility system serving the public. To a large extent, the public's perception of the quality of their water supply supercedes many other considerations.

In summary, we encourage you to continue working toward a satisfactory resolution of these aesthetic quality issues as rapidly as practical. In the meantime, if you have any questions, or require further information in this regard, please do not hesitate to call me at (813) 847-8145.

Sincerely,



Douglas S. Bramlett
Assistant County Administrator
Utilities Services

DSB/RJT/fd

cc: Marty Deterding Esq./RS&B, 2548 Blairstone Rd., Tallahassee, FL 34691
Representative Mike Fasano, 8217 Massachusetts Ave., New Port Richey, FL 34654
Ralph Jaeger/FPSC, 101 E. Gaines St., Tallahassee, FL 34691 ✓
John Jenkins, Esq./RS&B, 2548 Blairstone Rd., Tallahassee, FL 34691
Steve Watford, President/AUI, 5403 Aloha Pl., Holiday, FL 34691
Board of County Commissioners
John J. Gallagher, Pasco County Administrator

David W. Porter, P.E., C.O.

Water/Wastewater System Consultant

PASCO COUNTY UTILITIES

SEP 16 1997

Regulatory Assistance,
Troubleshooting,
Permitting, Contract
Operation, Rehabilitation
and System Design

September 11, 1997

Pasco County
Utilities Services Branch
Public Works/Utilities Building, S-205
New Port Richey, FL 34654
Attn: Mr. Douglas S. Bramlett, Assistant County Administrator

Re: Aloha Utilities, Inc./Seven Springs Water System

Dear Mr. Bramlett:

Last Friday I received a copy of a letter that you wrote to Representative Mike Fasano in which you gave your opinion regarding the cause of "black water" problems that are being experienced by a small number of Aloha's customers located in an isolated section of Aloha's south western service area. Because you expressed opinions concerning Aloha's water system and provided a comparison between Aloha's corrosion control program and that of Pasco County, I believe your letter requires a response. There has been considerable debate and on-going litigation concerning this issue to date. To the extent that you have chosen to express your opinion on these volatile issues I must, on behalf of my client Aloha Utilities, Inc. point out that your letter is wrought with inaccuracies. We therefore request that you immediately issue a retraction, or at the very least a statement that your opinions were in error.

I must start out by telling you that when I read your letter I was astounded. Many of your statements contradicted not only my understanding of water process engineering and water chemistry, but also the specific findings of the numerous treatises and articles which I have researched on this subject over the last several years. I have prepared this letter in hopes that you can clarify your comments to show me the basis, if any, for the specific points you raised which I otherwise believe to be without foundation.

First of all, you state that the source of black water is the "high concentration of naturally occurring hydrogen sulfide (H₂S) in the source water." The source water in question does not contain "high concentrations of hydrogen sulfide. Since we, like all water utilities (including Pasco County) are not required to submit hydrogen sulfide monitoring data for our source water to FDEP, I would like to know how you concluded that Aloha's source water contains "high" levels of hydrogen sulfide. In fact, the information we have concerning sulfate concentrations in Pasco County's finished water, shown later in this letter, leads us to believe that the County's source water may be higher in hydrogen sulfide than that of Aloha.

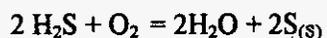
Aloha provides proper, and generally accepted, treatment for the control of hydrogen sulfide at its well sites. Chlorine oxidation of hydrogen sulfide is provided at each well site. This method is very successful as the water entering the distribution system does not contain any measurable quantity of hydrogen sulfide. All hydrogen sulfide is oxidized to sulfate. The chemical equation related to this reaction is well known and well understood. This process has been utilized at countless numbers of water facilities for controlling hydrogen sulfide for decades. The equation follows:



Please note that no elemental sulfur is produced in this reaction... only the sulfate form of sulfur remains.

Mr. Douglas Bramlett
September 11, 1997
Page 2

You state that in your system, you utilize air stripping to remove a portion of the hydrogen sulfide. Air stripping at the pH normally found in raw waters is not very efficient in removing hydrogen sulfide. A large portion of the sulfide is not in the gaseous state at pH 7 or above and can not, therefore, be removed by air stripping. In fact only 64% of the total hydrogen sulfide is in the gaseous state at this pH. Therefore, even if your air stripper was 100% efficient in removing the hydrogen sulfide that is in the gaseous state (which it is not), over 35% of the hydrogen sulfide would not be removed and would pass through the air stripping unit. Your water would still contain a substantial portion of the of hydrogen sulfide originally present. What you may not be aware of is the fact that air stripping adds substantial quantities of oxygen to the water which causes the water to become very corrosive. In addition, the elevated oxygen levels can cause the oxidation of the remaining hydrogen sulfide to elemental sulfur as shown in the following reaction:

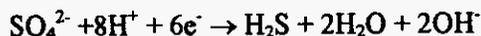


Therefore, it is more likely that facilities utilizing simple air stripping will produce elemental sulfur than will facilities utilizing chemical oxidation. The main problems associated with converting hydrogen sulfide to elemental sulfur are related to finished water turbidity increases and the negative effects that increased water turbidity produce (like lower disinfection efficiency, increased chance for bacterial contamination and growths in the distribution system, etc.).

One of the statements that you made is plainly contrary to all literature on the subject of black water development of which I am aware. Did you really mean to say that "the addition of chlorine disinfection produces elemental sulfur which, combined with the presence of the orthopolyphosphate and the addition of heat in the water heaters causes chemical reduction and results in the development of "black water" (copper sulfate) conditions." There are a number of inaccuracies in this statement. First, chemical oxidation of hydrogen sulfide with chlorine does not produce any appreciable quantities of elemental sulfur as shown in the chemical equation presented on page one of this letter. Next, it is not possible to combine sulfur and orthopolyphosphate under any conditions to get copper sulfate... a source of copper is required. Please see the attached letter from the manufacturer of the orthopolyphosphate inhibitor Aloha utilizes confirming this fact.

After Aloha's water is treated at its well sites, there is no appreciable quantity of hydrogen sulfide present in the finished water... it has been converted to sulfate. The level of sulfate in Aloha's water meets all state and federal standards... as you may know the federal standard is presently 250 mg/L for sulfate. Aloha's water typically has a sulfate concentration of about 10 mg/L. Interestingly, Aloha's sulfate concentration is less than half of that produced at the County's treatment system. In fact your 1996 water quality testing data, as submitted to the FDEP and attached here, shows that your West Pasco Water System produces water with sulfates that range from a low of 12.44 mg/L to a high of 47.8 mg/L. Your main facility, the Little Road Water Treatment Plant, which is I believe the facility with the air stripping units, produces water with a sulfate concentration of 24.49 mg/L which is approximately two and one half times greater than that shown for the Aloha system.

After the water enters the homes of our customer's, in most cases, this sulfate causes no problems. However, in a small number of homes, the sulfate is converted back to sulfide in the homeowners hot water system by sulfate reducing bacteria as shown in the following equation:



The equation shows several important facts. First, free electrons are required for this reaction to proceed. The source of these electrons has frequently been found to be from the placement of a sacrificial anode in the hot water tank. The anode's purpose is to extend the life of the tank by corroding before the tank. However, corrosion, which is the loss of electrons, provides the free electrons needed to allow the reduction reaction to proceed. Frequently, changing out the anode will correct this problem (as recommended in American Water Works Association publications). Secondly, the quantity of hydrogen sulfide produced in this reaction, assuming that there are a sufficient number of organisms and time so as not to rate limit the reaction, is directly proportional to the quantity of sulfate present in the water. Since the water produced by the County contains far greater quantities of sulfate than that produced by Aloha, one would speculate that your customer's should be experiencing a much higher incidence of the black water problem if your analysis of the source of the problem is correct. There are many other sources of electrons that could cause this problem. One of these is the improper grounding of home electrical systems to the water piping, causing current to flow through the copper piping, which causes the release of electrons into the water. This reaction is very complicated and a great number of papers and books have been written on the subject.

Are you also aware that FDEP has determined that the black substance you talk about is largely composed of copper sulfide not copper sulfate? There is quite a large difference between the two. We believe that since the black particles found in the water have been shown to be copper sulfide, the more likely mechanism for the development of the particles is that, in certain homes, sulfate is reduced to sulfide by sulfur reducing bacteria. This sulfide then combines with copper, leached from the customer's piping as part of the natural process of copper pipe corrosion. This combination of copper and sulfide yields copper sulfide.

The source of the copper needed to form copper sulfide comes from the customer's home copper water piping system. Copper pipe corrodes with time under all water conditions, however, recent research has shown that water containing naturally occurring sulfides accelerates this process. Copper water piping corrosion is a major problem in Florida, so much so that a panel of experts has been assembled (of which I am a member) by State of Florida Department of Community Affairs working with the University of Florida to address this problem and to make recommendations to building officials and others state-wide that may lessen this problem. Due to information gained from this group to date, Mr. Watford, President of Aloha Utilities, Inc. sent a letter to Mr. Gallagher recommending that he look into the problem and suggested that the County may want to develop an information sheet to be provided to builders that would instruct the builder's that they should carefully consider all the facts before they chose the material of construction to be used in water piping system. It has come to our attention that a number of Florida communities have considered banning the use of copper piping for residential water system use. In fact, Duval county banned its use two years ago. If copper piping were not used, it would be impossible for copper sulfide to form.

Mr. Douglas Bramlett
September 11, 1997
Page 4

Your statement that the orthopolyphosphate in some way enhances the generation of the black water particles is totally false. In fact, the opposite is true. Orthopolyphosphate corrosion inhibitor blend addition to water systems is a recognized effective technology to control copper corrosion. The great majority of water systems in Florida with raw water characteristics similar to Aloha's are using this technology successfully. In fact nearby Pinellas and Hillsborough Counties are utilizing the same inhibitor chemical that Aloha uses. Pinellas County and Aloha share the same water source as Pasco County. Again I refer you to the inhibitor manufacturer's letter attached for additional information on this matter.

Since Aloha began adding the inhibitor, the concentration of copper found in first-draw tap samples has fallen dramatically to 1.55 mg/L at the 90th percentile level. Aloha expects to find that with their second round of post treatment sampling, scheduled for later this year, that Aloha's first-draw tap sample test results will yield a copper concentration below the 1.3 mg/L action level. Pasco County has chosen to utilize pH adjustment as your corrosion control method. According to my telephone discussion with Gerald Foster of the FDEP, the County's first round, post treatment, first-draw tap sample test results showed 1.99 mg/L copper at the 90th percentile. Therefore, your copper concentration value is 28% higher than Aloha's. Your chosen corrosion control method is not performing as well as that chosen by Aloha. Your statement indicating that your use of pH control rather than inhibitor addition was a factor that explained why your customer's do not experience this black water problem is contrary to your own reported test results. In fact, since the concentration of copper in the water is directly related to the formation of copper sulfide, the incidence of black water must logically be more pronounced in your system than Aloha's.

The fact that the County's water contains more sulfate and that the tap samples of water at your customer's homes contains more copper leads me to believe that there is a good chance that there are customer's in your system that are experiencing the black water problem and that either they have not spoken out or you are not reporting this fact in your letter. I would think that it would be a good idea for the County to survey its customers to determine if the problem is being experienced so that the appropriate action can be taken.

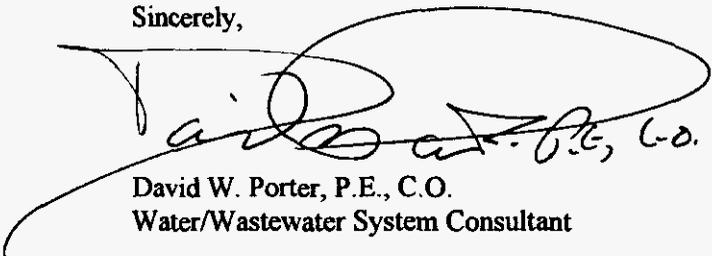
What sets Aloha's problem off from the other systems that are experiencing this problem across the State (and there are many such systems) is that Aloha is receiving a great deal of attention from Representative Fasano that the others are not. Aloha is making every effort to assist its customers that are experiencing this problem through its corrosion control program.

Mr. Douglas Bramlett
September 11, 1997
Page 5

Doug, I hope that this letter provides you with the data needed for you to determine that your letter to Representative Fasano needs to be retracted or substantially clarified and corrected.

Thank you in advance for whatever information you can provide me to explain the discrepancies I have indicated. If you have any questions, please call me.

Sincerely,



David W. Porter, P.E., C.O.
Water/Wastewater System Consultant

Cc: Steve Watford, President/AUI
Marty Deterding, Esq./RS&B
John Jenkins, Esq./RS&B
Representative Mike Fasano
Ralph Jaeger/FPSC - Public Service - Tallahassee
John J. Gallagher/Pasco County Administrator
Pasco County Board of County Commissioners

2548 Blain Street
Tallahassee
32301
52307 -



Stiles-Kem Division

1570 LAKESIDE DRIVE • WAUKEGAN, IL 60085-8300 • (847) 689-1100 • FAX (847) 689-0289

David W. Porter, P.E., C.O.
1857 Wells Road, Suite 210
Orange Park, Fl. 32073

September 8, 1997

Dear Dave:

In reference to our discussion this morning regarding the issue of "black water", I feel that it is essential that everyone understand the chemistry we apply through the use of our *blended phosphate treatment programs*. We have always explained our technology to all interested parties hoping that a better understanding of this technology will continue to provide for the great success we have enjoyed throughout the country for over 40 years.

Our discussion centered on the use of phosphates (specifically orthophosphate) in Florida waters. As you are well aware, we treat a significant number of communities throughout the State of Florida. "Black water" problems have never been linked to the use of phosphates, rather it is often understood that the use of *blended phosphates* can alleviate these types of problems.

Phosphate + hydrogen sulfide + heat does not cause "black water" (copper sulfate). You as well as several other colleagues, have studied this "black water" phenomena for some period of time. In our previous discussions, I feel that you have a good solid understanding of our treatment approach and can appreciate the fact that our programs deal with lowering lead/copper levels as well as sequestering iron, manganese and hardness within supply waters. This has been demonstrated at Aloha Utilities, Pinellas County and Hillsborough County.

Our reputation throughout the country as well as within the water treatment community remains excellent. We pride ourselves on the method of application of these treatment programs and the benefits we provide to the people across the country. If anyone is interested in learning more about our treatment programs, please have them contact us directly.

As always, we thank you for your interest in maintaining high drinking water standards. Feel free to contact us if the need arises.

Sincerely:

A handwritten signature in cursive script that reads "William F. Mersch".

William F. Mersch

cc: Mr. Keith Chance



LAB FORMAT FOR REPORT DRINKING WATER ANALYSES

FOR LABORATORY USE ONLY

PUBLIC WATER SYSTEM INFORMATION (to be completed by system or lab)

System Name: PASCO COUNTY UTILITIES ID #: 6511361
 Address: 7536 STATE STREET
NPR, FLORIDA
 Type (check one): Community Nontransient Noncommunity Noncommunity
 Contact: CANDI MULNER Phone #: 847-8144
 Order for Analysis Placed By (if different from above): _____

7070241317 ABER C/E
 DATE RCD _____ TIME 11:30
 PAYMENT \$ _____
 CHECK # _____
 SPECIAL INSTRUCTIONS
 1048599
 FL 62-550
 502, 504, 547, 548, 1/0
 TSP
RECEIVED
 COMMENTS
 WITH ALPH, NO DIOX
 NO BACTI, NO ASBESTOS
 Department of Environmental Protection
 BY: B SOUTHWEST DISTRICT

SAMPLE INFORMATION (to be completed by sampler)

Sample Date (MMDDYY): 7/16/96 Sample Time: 1055
 Sample Location (be specific): LITTLE ROAD W/TF POE
 Sampler Name and Phone: GREG THILKEN (813) 834-3255
 Sampler's Signature: [Signature] Title: OPERATOR

Check Type(s): Distribution Recheck of MCL Resample of Lab Invalidated Sample
 Clearance THM Max Res Time Plant Tap
 Distribution Entry Point Raw Composite of Multiple Sites - Attach a format for each site

LABORATORY CERTIFICATION INFORMATION (to be completed by lab) - ATTACH HRS ANALYTE SHEET*

Lab Name: BROWARD TESTING LABORATORY HRS #: 86418 Expiration Date: 6/97
 Address: 4418 NE 11th Avenue, Ft. Lauderdale, FL 33334 Phone #: 30
 Subcontracted Lab Name & HRS #: _____ - ATTACH HRS ANALYTE SHEET 7070241317 CONTRACTED LAB*

ANALYSIS INFORMATION (to be completed by lab) - SAMPLE NUMBER: _____

Date Sample(s) Received: _____ Group(s) Analyzed & Results attached for compliance with 62-550, F.A.C.

<input type="checkbox"/> Nitrate Only	<input type="checkbox"/> Nitrite Only	<input type="checkbox"/> Asbestos Only	<input type="checkbox"/> Trihalomethanes <u>1 EA</u>
<u>Inorganics</u> <input type="checkbox"/> All 17 <input type="checkbox"/> Partial	<u>Volatile Organics</u> <input type="checkbox"/> All 21 <input type="checkbox"/> Partial	<u>Secondaries</u> <input type="checkbox"/> All 14 <input type="checkbox"/> Partial	<u>Pesticides/PCBs</u> <input type="checkbox"/> All 30 <input type="checkbox"/> Partial
<u>Group I Unregulated</u> <input type="checkbox"/> All 18 <input type="checkbox"/> Partial	<u>Group II Unregulated</u> <input type="checkbox"/> All 25 <input type="checkbox"/> Partial	<u>Group III Unregulated</u> <input type="checkbox"/> All 11 <input type="checkbox"/> Partial	<u>Radiochemicals</u> <input type="checkbox"/> Single Sample <input type="checkbox"/> Qtrly Composite* <u>KNL 84252</u>

Other _____ * Provide radiochemical sample dates & locations for each quarter.

I, GARY J. MEYER do HEREBY CERTIFY that all attached analytical data are correct.
 Signature: [Signature]
 Title: LABORATORY DIRECTOR Date: 8/13/96

COMPLIANCE INFORMATION (to be completed by State)

Sample Collection Satisfactory: _____ Sample Analysis Satisfactory: _____
 Resample Requested for: _____ Reason: _____
 Person notified to resample: _____ Date Notified: _____
 DEP/HRS Reviewing Official: [Signature]

* All HRS lab #'s and their HRS Analyte Sheet for labs performing the attached water analyses must be provided. Failure to do so will result in rejection of the analyses and possible enforcement against the public water system for failure to sample.

Effective January 1995

FL PWS/765

FLORIDA PUBLIC WATER SUPPLY

RESOLVED



BROWARD TESTING LABORATORY, INC.
4416 NE 11TH AVE. FORT LAUDERDALE FLORIDA 33334



Date: 08/14/96 Report #: 7070241 Laboratory ID #: 86418

Client: PASCO COUNTY UTILITIES Date Collected: 07/16/96
ATTN: CANDY MULBURN Time Collected: 10:55
8864 GOVERNMENT DR. SOURCE: LITTLE ROAD WIT
NEW PORT RICHEY, FL 34654 DISTRIBUTION ENTRY POINT

Date received at lab: 07/17/96 Time received at lab: 11:15
PWS ID: 651136J

Collected by: G. MILLIKEN

PLEASE NOTE: GROSS ALPHA WAS SUBCONTRACTED TO KNL LABS, SEE ATTACHED.

NOTE: "*" The MCL (Maximum Contaminant Level) or an established guideline has been exceeded for this contaminant.

"ND" This contaminant was not detected at or above our stated detection limit.

Fed Analysis Id #	Analysis Performed	MCL (MG/L)	Sample Number	Analysis Result	Method	MDL	Date
Primary Inorganic Analysis 62-550.310 (1) (PWS030)							
1074	Antimony	0.006	7070241	ND	3113B	0.002	07/24/96
1005	Arsenic	0.05	7070241	ND	3113B	0.003	07/25/96
1010	Barium	2	7070241	0.069	3113B	0.002	07/25/96
1075	Beryllium	0.004	7070241	ND	3113B	0.0001	07/26/96
1015	Cadmium	0.005	7070241	ND	3113B	0.0004	07/25/96
1020	Chromium	0.1	7070241	0.0005	3113B	0.001	07/24/96
1030	Lead	0.015	7070241	0.0028	3113B	0.0004	07/22/96
1035	Mercury	0.002	7070241	ND	245.1	0.0002	07/19/96
1036	Nickel	0.1	7070241	ND	3113B	0.002	07/25/96
1045	Selenium	0.05	7070241	ND	3113B	0.001	07/26/96
1052	Sodium	160	7070241	6.27	3111B	0.1	07/18/96
1085	Thallium	0.002	7070241	ND	200.9	0.001	07/26/96
1074	Cyanide	0.2	7070241	ND	4500enf	0.015	07/17/96
1025	Fluoride	4	7070241	0.18	300.0	0.10	07/17/96
1040	Nitrate-N	10	7070241	0.24	300.0	0.34	07/17/96
1041	Nitrite-N	1	7070241	ND	300.0	0.14	07/17/96

Secondary Inorganic Analysis 62-550.320 (PWS031)

1025	Fluoride	2	7070241	0.18	300.0	0.10	07/17/96
1002	Aluminum	0.2	7070241	0.006	3113B	0.003	07/22/96
1022	Copper	1	7070241	ND	3111B	0.02	07/18/96
1028	Iron	0.3	7070241	ND	3111B	0.10	07/18/96
1052	Manganese	0.05	7070241	0.0038	3113B	0.0001	07/23/96
1050	Silver	0.1	7070241	0.0003	3113B	0.0003	07/23/96
1095	Zinc	5	7070241	ND	3111B	0.02	07/19/96
1017	Chloride	250	7070241	13.55	300.0	0.29	07/17/96
1905	Color	15	7070241	5	2120R	-	07/17/96
2209	Foaming Agents	0.5	7070241	ND	5540C	0.1	07/17/96
1920	Odor	3 Ion	7070241	1	2150B	1	07/17/96
1925	pH	6.5-8.5	7070241	8.44	150.1	-	07/17/96
1055	Sulfate	250	7070241	24.49	300.0	3.35	07/17/96
1230	TDS	500	7070241	301	2540C	10	07/23/96

TELEPHONE 1-800-451-3334 FAX (216) 448-8505

LAB FORMAT FOR REPORTING DRINKING WATER ANALYSES

FOR USE ONLY

RECEIVED

PUBLIC WATER SYSTEM INFORMATION (to be completed by system or lab)

System Name: PCVO ID #: 651-1361
 Address: 7536 STATE ST. N.P.R.

DATE: ADG 22 1996
 TIME: 12:40

Type (check one): Community Nontransient Noncommunity Noncommunity
 Contact: MARVIN Phone #: 834-3255
 Order for Analysis Placed By (if different from above): _____

CHECK # _____
 SPECIAL INSTRUCTIONS
 1044862 - 999
 C.Y.O. - PRI/Sec/Al

SAMPLE INFORMATION (to be completed by sampler)

Sample Date (MM/DD/YY): 3-20-96 Sample Time: 1030
 Sample Location (be specific): Autumn Oaks well P.O.C.
 Sampler Name and Phone: DAVID FINN 834-3255
 Sampler's Signature: _____ Title: Operator

COMMENTS
 Pri/Sec/Alpha/no bac
 ti, dioxin, asbestos

Check Type(s): Distribution Recheck of MCL Resample of Lab Invalidated Sample
 Clearance TBM Max Res Time Plant Tap
 Distribution Entry Point Raw Composite of Multiple Sites - Attach a format for each site

LABORATORY CERTIFICATION INFORMATION (to be completed by lab) - ATTACH HRS ANALYTE SHEET*

Lab Name: BROWARD TESTING LABORATORY HRS #: 80418 Expiration Date: 5/96
 Address: 4416 NE 11th Avenue Ft. Lauderdale, FL 33324 Phone #: 905 776 7228
 Subcontracted Lab Name & HRS #: _____ - ATTACH HRS ANALYTE SHEET FOR SUBCONTRACTED LAB*

ANALYSIS INFORMATION (to be completed by lab)

SAMPLE NUMBER: 7030658211

Date Sample(s) Received: _____ Group(s) Analyzed & Results attached for compliance with 62-650, F.A.C.

- | | | | |
|--|--|--|---|
| <input type="checkbox"/> Nitrate Only | <input type="checkbox"/> Nitrite Only | <input type="checkbox"/> Asbestos Only | <input type="checkbox"/> Trihalomethanes |
| Inorganics | Volatile Organics | Secondary | Pesticides/PCBs |
| <input type="checkbox"/> All 17 <input type="checkbox"/> Partial | <input type="checkbox"/> All 21 <input type="checkbox"/> Partial | <input type="checkbox"/> All 14 <input type="checkbox"/> Partial | <input type="checkbox"/> All 30 <input type="checkbox"/> Partial |
| Group I Unregulated | Group II Unregulated | Group III Unregulated | Radiochemicals |
| <input type="checkbox"/> All 13 <input type="checkbox"/> Partial | <input type="checkbox"/> All 20 <input type="checkbox"/> Partial | <input type="checkbox"/> All 11 <input type="checkbox"/> Partial | <input checked="" type="checkbox"/> Single Sample
<input type="checkbox"/> Qaly Composite* |
| <input type="checkbox"/> Other | * Provide radiochemical sample dates & locations for each quarter. | | |

KNL 84252

I, GARY J. MEYER do HEREBY CERTIFY that all attached analytical data are correct.
 Signature: _____
 Title: LABORATORY DIRECTOR Date: 4/25/96

COMPLIANCE INFORMATION (to be completed by State)

Sample Collection Satisfactory: _____ Sample Analysis Satisfactory: _____
 Resample Requested for: _____ Reason: _____
 Person notified to resample: _____ Date Notified: _____
 DEPHRS Reviewing Official: _____

* All HRS lab #s and their HRS Analyte Sheet for lab performing the attached water analyses must be provided. Failure to do so will result in rejection of the analyses and possible enforcement against the public water system for failure to sample.
 Effective January 1995



BROWARD TESTING LABORATORY, INC.

4416 NE 11TH AVE., FORT LAUDERDALE, FLORIDA 33334



Date: 04/10/96 Report #: 7030658 Laboratory ID #: 86418

Client: PASCO COUNTY UTILITIES
ATTN: CANDY MULHERN
8864 GOVERNMENT DR.
NEW PORT RICHEY, FL. 34654-

Date Collected: 03/20/96
Time Collected: 10:30
SOURCE: PCUD
AUTUMN OAKS WELL
DISTRIBUTION ENTRY POINT

Date received at lab: 03/21/96 Time received at lab: 12:40
PWS ID: 651-1361

Collected by : D.FLYNN

PLEASE NOTE: SODIUM WAS ANALYZED BY N.T.L. #0055. ALPHA WAS ANALYZED BY KNL AND RESULTS ARE ATTACHED.

NOTE: "*" The MCL (Maximum Contaminant Level) or an established guideline has been exceeded for this contaminant.

"ND" This contaminant was not detected at or above our stated detection limit.

Fed Analysis Id #	Analysis Performed	MCL (MG/L)	Sample Number	Analysis Result	Method	MDL	Anal Date
Primary Inorganic Analysis 62-550.310 (1) (PWS030)							
1074	Antimony	0.006	7030658	ND	31138	0.002	04/01/96
1005	Arsenic	0.05	7030658	ND ✓	31138	0.003	03/29/96
1010	Barium	2.0	7030658	0.003	31138	0.002	03/22/96
1075	Beryllium	0.004	7030658	ND	31138	0.0001	03/25/96
1015	Cadmium	0.005	7030658	ND	31138	0.0004	03/22/96
1020	Chromium	0.1	7030658	ND	31138	0.001	03/25/96
1030	Lead	0.015	7030658	ND	31138	0.0004	03/22/96
1035	Mercury	0.002	7030658	ND	245.1	0.0002	03/28/96
1036	Nickel	0.1	7030658	ND	31138	0.002	03/27/96
1045	Selenium	0.05	7030658	ND	31138	0.001	04/02/96
1052	Sodium	160	7030658	3.0	31118	0.1	04/05/96
1085	Thallium	0.002	7030658	ND	200.9	0.001	03/22/96
1024	Cyanide	0.2	7030658	ND	4500cnf	0.015	03/25/96
1025	Fluoride	4.0	7030658	ND	300.0	0.10	03/21/96
1040	Nitrate-N	10.0	7030658	ND	300.0	0.34	03/21/96
1041	Nitrite	1.0	7030658	ND	300.0	0.14	03/21/96
Secondary Inorganic Analysis 62-550.320 (PWS031)							
1025	Fluoride	2.0	7030658	ND	300.0	0.10	03/21/96
1002	Aluminum	0.2	7030658	0.006	31138	0.003	04/03/96
1022	Copper	1.0	7030658	ND	31118	0.02	03/27/96
1028	Iron	0.3	7030658	ND	31118	0.10	03/26/96
1032	Manganese	0.05	7030658	0.0012	31138	0.0001	04/03/96
1050	Silver	0.1	7030658	ND	31138	0.0003	04/02/96
1095	Zinc	5.0	7030658	ND	31118	0.02	03/26/96
1017	Chloride	250	7030658	7.60	300.0	0.29	03/21/96
1905	Color	15	7030658	ND	21208	5.0	03/21/96
2909	Foaming Agents	0.5	7030658	ND	5128	0.1	03/21/96
1920	Odor	3 ton	7030658	1	21508	1.0	03/21/96
1925	pH	6.5-8.5	7030658	7.61	150.1	0.01	03/21/96
1055	Sulfate	250	7030658	14.42	300.0	3.35	03/21/96
1930	TDS	500	7030658	186	2540C	10	03/22/96

LAB FORMAT FOR REPORTING DRINKING WATER ANALYSES

FOR LABORATORY USE ONLY

RECEIVED

703065521
AUG 22 1996
C/E

DATE: 8/22/96 TIME: 12:25

DEPARTMENT: Environmental Protection

SOURCE: PAYMENT DISTRICT

CHECK # _____

SPECIAL INSTRUCTIONS
1044862 - 999
C.Y.O. - PRI/Sec/Al

COMMENTS
Pri/Sec/Alpha/no bac
ti, dioxin, asbestos

PUBLIC WATER SYSTEM INFORMATION (to be completed by system or lab)

System Name: PCUD ID #: 651-1361
Address: 7536 STATE ST. N.P.R.

Type (check one) Community Nontransient Noncommunity Noncommunity

Contact: MARVIN Phone #: 834-3255

Order for Analysis Placed By (if different from above): _____

SAMPLE INFORMATION (to be completed by sampler)

Sample Date (MMDDYY): 3120196 Sample Time: 1:40

Sample Location (be specific): MOCK LIA

Sampler Name and Phone: David Flynn 834-3255

Sampler's Signature: [Signature] Title: operator

- Check Type(s):
- Distribution
 - Clearance
 - Distribution Entry Point
 - Recheck of MCL
 - THM Max Res Time
 - Raw
 - Resample of Lab Invalidated Sample
 - Plant Tap
 - Composites of Multiple Sites - Attach a format for each site

LABORATORY CERTIFICATION INFORMATION (to be completed by lab) - ATTACH HRS ANALYTE SHEET*

Lab Name: BROWARD TESTING LABORATORY HRS #: 88416 Expiration Date: 6/96

Address: 4416 NE 11th Avenue, Ft. Lauderdale, FL 33394 Phone #: 305 776 7238

Subcontracted Lab Name & HRS #: _____ - ATTACH HRS ANALYTE SHEET FOR SUBCONTRACTED LAB*

ANALYSIS INFORMATION (to be completed by lab) - SAMPLE NUMBER: 703065521

Date Sample(s) Received: _____ Group(s) Analyzed & Results attached for compliance with 62-560, F.A.C.

- | | | | |
|--|--|--|--|
| <input type="checkbox"/> Nitrate Only | <input type="checkbox"/> Nitrite Only | <input type="checkbox"/> Asbestos Only | <input type="checkbox"/> Trihalomethanes |
| Inorganics | Volatile Organics | Secondaries | Pesticides/PCBs |
| <input type="checkbox"/> All 17 <input type="checkbox"/> Partial | <input type="checkbox"/> All 21 <input type="checkbox"/> Partial | <input type="checkbox"/> All 14 <input type="checkbox"/> Partial | <input type="checkbox"/> All 80 <input type="checkbox"/> Partial |
| Group I Unregulateds | Group II Unregulateds | Group III Unregulateds | Radiochemicals |
| <input type="checkbox"/> All 13 <input type="checkbox"/> Partial | <input type="checkbox"/> All 23 <input type="checkbox"/> Partial | <input type="checkbox"/> All 11 <input type="checkbox"/> Partial | <input type="checkbox"/> Single Sample |
| <input type="checkbox"/> Other | | | <input type="checkbox"/> Qtrly Composite* |
- * Provide radiochemical sample dates & locations for each quarter.

I, GARY J. MEYER do HEREBY CERTIFY that all attached analytical data are correct.

Signature: [Signature]

Title: LABORATORY DIRECTOR

Date: 4/25/96

COMPLIANCE INFORMATION (to be completed by State)

Sample Collection Satisfactory: _____

Sample Analysis Satisfactory: _____

Resample Requested for: Ad. 226

Reason: CYANO S.D. pCi/l gross alpha

Person notified to resample: _____

Date Notified: _____

DEP/HRS Reviewing Official: [Signature]

* All HRS lab #'s and their HRS Analyte Sheet for labs performing the attached water analyses must be provided. Failure to do so will result in rejection of the analyses and possible enforcement against the public water system for failure to sample.

Effective January 1995



BROWARD TESTING LABORATORY, INC.

4416 N.E. 11TH AVE., FORT LAUDERDALE, FLORIDA 33334



Date: 04/18/96 Report #: 7030655 Laboratory ID #: 86418

Client: PASCO COUNTY UTILITIES Date Collected: 03/20/96
 ATTN: CANDY MULHERRN Time Collected: 13:40
 8864 GOVERNMENT DR. SOURCE: POUD WEST
 NEW PORT RICHEY, FL 34654 HOOG 1,1A
 DISTRIBUTION ENTRY POINT

Date received at lab: 03/21/96 Time received at lab: 12:25
 PWS ID: 651-136J

Collected by: D. FLYNN Alpha was subcontracted to KNL lab, attached.
 Please note: Sodium was analyzed by National Testing Lab #0055

NOTE: "*" The MCL (Maximum Contaminant Level) or an established
 guideline has been exceeded for this contaminant.

"ND" This contaminant was not detected at or above our stated
 detection limit.

Fed Id #	Analysis Performed	MCL (MG/L)	Sample Number	Analysis Result	Method	MDL	Anal Date
Primary Inorganic Analysis 62-550.310 (1) (PWS030)							
1074	Antimony	0.006	7030655	ND	3113B	0.002	04/01/96
1005	Arsenic	0.05	7030655	ND	3113B	0.003	03/29/96
1010	Barium	2.0	7030655	0.024	3113B	0.002	03/22/96
1075	Beryllium	0.004	7030655	ND	3113B	0.0001	03/25/96
1015	Cadmium	0.005	7030655	ND	3113B	0.0004	03/22/96
1020	Chromium	0.1	7030655	ND	3113B	0.001	03/25/96
1030	Lead	0.015	7030655	ND	3113B	0.0004	03/22/96
1035	Mercury	0.002	7030655	ND	245.1	0.0002	03/28/96
1036	Nickel	0.1	7030655	ND	3113B	0.002	03/27/96
1045	Selenium	0.05	7030655	ND	3113B	0.001	04/02/96
1052	Sodium	160	7030655	25.1	3111B	0.1	04/05/96
1085	Thallium	0.002	7030655	ND	200.9	0.001	03/22/96
1024	Cyanide	0.2	7030655	ND	4500cnf	0.015	03/25/96
1025	Fluoride	4.0	7030655	0.22	300.0	0.10	03/21/96
1040	Nitrate-N	10.0	7030655	1.01	300.0	0.34	03/21/96
1041	Nitrite	1.0	7030655	ND	300.0	0.14	03/21/96

Secondary Inorganic Analysis 62-550.320 (PWS031)

1025	Fluoride	2.0	7030655	0.22	300.0	0.10	03/21/96
1002	Aluminum	0.2	7030655	0.006	3113B	0.003	04/03/96
1027	Copper	1.0	7030655	ND	3111B	0.02	03/27/96
1028	Iron	0.3	7030655	ND	3111B	0.10	03/26/96
1032	Manganese	0.05	7030655	0.0034	3113B	0.0001	04/03/96
1050	Silver	0.1	7030655	ND	3113B	0.0003	04/02/96
1095	Zinc	5.0	7030655	ND	3111B	0.02	03/26/96
1017	Chloride	250	7030655	21.02	300.0	0.29	03/21/96
1905	Color	15	7030655	ND	2120B	5.0	03/21/96
2909	Foaming Agents	0.5	7030655	ND	512B	0.1	03/21/96
1920	Odor	3 Low	7030655	2	2150B	1.0	03/21/96
1925	pH	6.5-8.5	7030655	7.36	150.1	0.01	03/21/96
1055	Sulfate	250	7030655	24.39	300.0	3.35	03/21/96
1930	TDS	500	7030655	340	2540C	10	03/22/96



BROWARD TESTING LABORATORY, INC.

4416 N.E. 11TH AVE., FORT LAUDERDALE FLORIDA 33334



Sample Date: 3-22-93 Report #: 951-1612 Laboratory ID #: 86137

Client: PASCO COUNTY UTILITIES PWS ID NO: 651-1361
8864 GOVERNMENT DR.
NEW PORT RICHEY, FL 34654 Location Code: PCUD WEST
EMBASSY WELL
POINT OF ENTRY

Date Received at Lab: 3-23-93 Time Received at Lab: 9:45

Analytical Series: Florida Safe Drinking Water Compliance,
Secondary Chemical Analysis 17-550.320. (PWS031)

All values in mg/l unless otherwise noted.

ID	PARAMETER	SAMPLE#	ANALYSIS RESULT	ANALYTICAL METHOD	DETEC. LT.	ANALYSIS DATE
1002	ALUMINUM	1612	ND	200.7	0.05	4-11-93
1017	CHLORIDE	1612	32.8	407A	1.0	3-27-93
1022	COPPER	1612	ND	220.1	0.10	3-25-93
1025	FLUORIDE	1612	0.11	340.2	0.05	3-23-93
1028	IRON	1612	ND	236.1	0.10	3-31-93
1032	MANGANESE	1612	0.003	243.1	0.001	3-29-93
1050	SILVER	1612	ND	272.2	0.002	4-11-93
1055	SULFATE	1612	15.6	426C	5.0	3-31-93
1095	ZINC	1612	ND	289.1	0.10	4-1-93
1095	COLOR	1612	5	110.3	5.0	3-23-93
1920	ODOR (TON)	1612	2	140.1	1.0	3-23-93
1925	LAB PH (UNITS)	1612	8.11	150.1	0.01	3-23-93
1930	TDS	1612	206	160.1	20	4-8-93
2909	FOAMING AGENTS	1612	ND	512B	0.1	3-23-93

Gary J. Meyer
Gary J. Meyer
Lab Director, Broward Testing Laboratory

JUN 04 1993



BROWARD TESTING LABORATORY, INC.

4416 N.E. 11TH AVE., FORT LAUDERDALE, FLORIDA 33334



Sample Date: 3-22-93 Report #: 951-1617 Laboratory ID #: 86137

Client: PASCO COUNTY UTILITIES PWS ID NO: 651-1361
 8864 GOVERNMENT DR.
 NEW PORT RICHEY, FL 34654 Location Code: PCUD WEST
 PARKWOOD ACRES WELL #2
 POINT OF ENTRY

Date Received at Lab: 3-23-93 Time Received at Lab: 10:55

Analytical Series: Florida Safe Drinking Water Compliance,
 Secondary Chemical Analysis 17-550.320. (PWS031)

All values in mg/l unless otherwise noted.

ID	PARAMETER	SAMPLE#	ANALYSIS RESULT	ANALYTICAL METHOD	DETEC. LT.	ANALYSIS DATE
1002	ALUMINUM	1617	ND	200.7	0.05	4-11-93
1017	CHLORIDE	1617	40.1	407A	1.0	3-27-93
1022	COPPER	1617	ND	220.1	0.10	3-25-93
1025	FLUORIDE	1617	0.109	340.2	0.05	3-23-93
1028	IRON	1617	ND	236.1	0.10	3-31-93
1032	MANGANESE	1617	ND	243.1	0.001	3-29-93
1050	SILVER	1617	ND	272.2	0.002	4-11-93
1055	SULFATE	1617	19.8	426C	5.0	3-31-93
1095	ZINC	1617	ND	289.1	0.10	4-1-93
1095	COLOR	1617	5	110.3	5.0	3-23-93
1920	ODOR (TON)	1617	1	140.1	1.0	3-23-93
1925	LAB PH (UNITS)	1617	7.74	150.1	0.01	3-23-93
1930	TDS	1617	252	160.1	20	4-8-93
2909	FOAMING AGENTS	1617	ND	512B	0.1	3-23-93

Gary J. Meyer

 Gary J. Meyer
 Lab Director, Broward Testing Laboratory

JUN 04 1993



PASCO COUNTY
UTILITIES OPERATIONS AND
MAINTENANCE DEPT.
PUB. WKS./UTILITIES BLDG., S-205
7530 LITTLE ROAD
NEW PORT RICHEY, FL 34654

RETURN SERVICE
REQUESTED

FIRST CLASS



U.S. POSTAGE
00789

PUBLIC SERVICE COMMISSION
RALPH JAEGER
101 E. GAINES STREET
TALLAHASSEE, FLORIDA 32301

3239976362





Florida House of Representatives

Mike Fasano

Representative, 45th District
Majority Whip

Reply to:

- 8217 Massachusetts Avenue
New Port Richey, FL 34653-3111
(813) 848-5885
- 323 The Capitol
Tallahassee, FL 32399-1300
(850) 488-8528

Committees

Vice Chair, Community Colleges
& Career Prep
Finance & Taxation
Governmental Operations
Regulated Services

September 24, 1997

Ralph Jaeger, Senior Attorney
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee, FL 32399-0850

Subject: Aloha Utilities, Inc.
PSC Docket Number 960545-WS

Dear Mr. Jaeger:

Enclosed for your consideration is a copy of a letter I received from one of my constituents regarding Aloha Utilities. I am forwarding it to your attention to be added to the Aloha Utilities' file.

If you have any questions, please do not hesitate to contact me.

Yours truly,

A handwritten signature in black ink that reads "Mike Fasano".

Mike Fasano
State Representative, District 45

MF/cmh
Enclosure



Alan H. Sellen

Heritage Lake
9818 Kingsport Avenue
New Port Richey, FL 34655-1444

Phone: (813) 372-8660

Date: September 18, 1997

Representative Mike Fasano
State Representative, District 45,
8217 Massachusetts Avenue,
New Port Richey, Fl 34655

Dear Representative Fasano:

During the past two years (1996 & 1997), we have experienced four (4) corrosion holes in the copper water pipes of our home causing extensive water damage. The repairs have us cost thousands. Further, I've been advised by a governmental agency that we should replace the home's corrosive copper water pipes with a complete CPVC plastic system which will cost additional thousands of dollars. I estimate that my repair & replacement costs caused by Aloha Utilities, Inc. will exceed \$10,000.00. *As my many previous letters will attest, it appears that the responsible local and state governmental agencies for one reason or another have avoided carrying out their investigative, oversight and/or enforcement responsibilities to solve this common problem which effects many local, concerned citizens. (Our governmental agencies are masters of non-committal responses, in-action and/or passing the buck.)*

As to Pasco's corroding copper water pipe problems, Aloha Utilities, Inc's., recent "September 1997 - Water News" seems to support the fact that Aloha Utilities, Inc., delayed putting the government sponsored water corrosion control Program into effect until late April 1997. (Prior to moving into my present Pasco home I lived in St Petersburg, Fla. for twenty-five years.) When Mr Watford visited my current New Port Richey home on Sept 27, 1996, I asked him why St Petersburg (using water from Pasco's well fields) had no copper pipe corrosive leaks. Mr Watford's reply was to the effect that the St Petersburg water utility complied with the governments corrosion control program years ago and that Aloha Utilities did not start following the corrosion control program until late April 1997.

If the St Petersburg's water utility started using a corrosion control program a long time ago, why couldn't Aloha Utilities have done the same? In the meantime, the copper pipes in the homes of our local communities using Aloha's water have been exposed to Aloha Utilities' aggressive water chemistry for a much longer time, causing severe copper pipe corrosion and considerable expense (water damage repairs) to their customers..

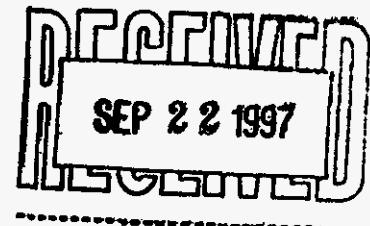
My interpretation of the facts presented above indicates that Aloha's corrosive copper pipe problem has been brought on by in-action on the part of Aloha Utilities. It appears that Aloha delayed carrying out their corrosion control program. If Aloha caused a delay in complying with the corrosion control program, what was their reason? What Florida governmental agencies, have oversight, investigative, and enforcement responsibility over Aloha Utilities? What have they and what are they going to do concerning this problem? Does the State have any sort of document which makes Aloha Utilities responsible for damages they cause its customers? Please advise as to what government agency will assist me in recouping my costs to date?

I don't see how any costs relating to neglect, poor management or customer damages on the part of Aloha can be prorated to their water customers.

Please acknowledge.

Sincerely,

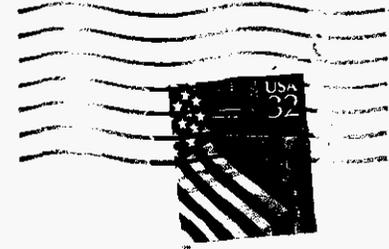

Alan H. Sellen





Florida House of Representatives

Mike Fasano
Representative, District 45
Majority Whip
8217 Massachusetts Avenue
New Port Richey, FL 34653-3111



Ralph Jaeger, Senior Attorney
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee, FL 32399-0850

32399-0850





Florida House of Representatives

Mike Fasano

Representative, 45th District
Majority Whip

Reply to:

- 8217 Massachusetts Avenue
New Port Richey, FL 34653-3111
(813) 848-5885
- 323 The Capitol
Tallahassee, FL 32399-1300
(904) 488-8528

Committees

Vice Chair, Community Colleges
& Career Prep
Finance & Taxation
Governmental Operations
Regulated Services

September 25, 1997

Steve Watford, Vice President
Aloha Utilities, Inc.
2514 Aloha Place
Holiday, FL 34691

Dear Mr. Watford:

Mr. and Mrs. Daniel Killeen of 7805 Jenner Avenue in New Port Richey (376-4733) called to report that they have black, smelly water running through their pipes. I would greatly appreciate any assistance you can provide to Mr. and Mrs. Killeen.

Thanks in advance for your help. If I can ever do anything for you, please do not hesitate to contact me.

Yours truly,

A handwritten signature in black ink that reads "Mike Fasano".

Mike Fasano
State Representative, District 45

MF/cmh

cc: Dr. Richard Garrity, Department of Environmental Protection
Dr. Marc Yacht, Pasco County Health Department
Ralph Jaeger, Public Service Commission

SEP 25 1997
10 10 AM
STATE HOUSE
TALLAHASSEE, FL
32399-1300
(904) 488-8528