

State of Florida



Public Service Commission

CAPITAL CIRCLE OFFICE CENTER • 2540 SHUMARD OAK BOULEVARD
TALLAHASSEE, FLORIDA 32399-0850

-M-E-M-O-R-A-N-D-U-M-

DATE: December 14, 2011
TO: Ann Cole, Commission Clerk - PSC, Office of Commission Clerk
FROM: Lisa Ray, Administrative Assistant, Division of Economic Regulation *LR*
RE: Docket No. 090424-WS, Application for certificates to provide water and wastewater service in Polk County by Bimini Bay Utilities Corporation.

Attached are two e-mails to Tom Walden and Bimini Unapproved LC plans document for inclusion in the docket file for the above referenced docket. Please make sure this does not go in the correspondence side of the docket.

RECEIVED-FPSC
11 DEC 13 PM 4:02
COMMISSION
CLERK

DOCUMENT NUMBER DATE
08920 DEC 13 =
FPSC-COMMISSION CLERK

Lisa Ray

From: Tom Walden
Sent: Thursday, December 08, 2011 2:11 PM
To: Lisa Ray
Subject: FW: Four Points Utilities

Attachments: ICW-Bimini Unapproved LC plans.pdf

Please see that this correspondence and the attachment is placed in the docket file in Docket No. 090424-WS - Application for certificates to provide water and wastewater service in Polk County by Bimini Bay Utilities Corporation.

From: Owen_Devine@doh.state.fl.us [mailto:Owen_Devine@doh.state.fl.us]
Sent: Tuesday, December 06, 2011 7:51 AM
To: dmeadows@islandhideaway.net; btreanor@islandhideaway.net; avido@islandhideaway.net
Cc: Donald_Ehlenbeck@doh.state.fl.us; Ronald_Stadelbacher@doh.state.fl.us; Tom Walden; MarkLowenstine@polk-county.net; Daniela_Sloan@doh.state.fl.us
Subject: RE: Four Points Utilities

<<ICW-Bimini Unapproved LC plans.pdf>>

From: Devine, Owen F
Sent: Tuesday, December 06, 2011 7:31 AM
To: 'dmeadows@islandhideaway.net'; 'Robert treanor'; 'Allison Vido'
Cc: Ehlenbeck, Don; Stadelbacher, Ron; 'Tom Walden'; 'Lowenstine, Mark'; Sloan, Daniela
Subject: FW: Four Points Utilities

Mr. Meadows,

FYI and action

Owen Devine
Environmental Specialist II

Polk County Health Department
Environmental Engineering Division
2090 East Clower Street
Bartow, FL 33830-6741
(863) 519-8330 Ext. 12151
Owen_Devine@doh.state.fl.us

From: Sloan, Daniela
Sent: Monday, December 05, 2011 12:29 PM
To: Devine, Owen F
Subject: Four Points Utilities

Owen,

This sampling plan is also missing the signature and date. Furthermore, on page 2, the 255 connections are listed as "point of entry devices" and on page 3 they are called "BF -brass faucets". They cannot be both, one option needs to be chosen.

DOCUMENT NUMBER-DATE

08920 DEC 13 =

FPSC-COMMISSION CLERK

12/13/2011

Daniela

OWEN,

These plans need to
be re-done by the
utility company.

Donella



PWS SAMPLING PLAN FOR LEAD AND COPPER TAP SAMPLES AND WATER QUALITY PARAMETERS

See page 6 for instructions.

I. General Information			
Public Water System (PWS) Name: Bimini Bay Utilities			
PWS Identification Number: 6535727		PWS Type: <input checked="" type="checkbox"/> Community <input type="checkbox"/> Non-Transient Non-Community	
PWS Size: <input checked="" type="checkbox"/> Small <input type="checkbox"/> Medium <input type="checkbox"/> Large		Total Population Served: 139	
Population Interval:* <input type="checkbox"/> A <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> E <input checked="" type="checkbox"/> F <input type="checkbox"/> G			
PWS Owner: Bimini Bay Utilities			
Contact Person: Allison Vido		Contact Person's Title: Property Manager	
Contact Person's Mailing Address: P.O. Box 135878			
City: Clermont		State: FL	Zip Code: 34713
Contact Person's Telephone Number: 863-424-0130		Contact Person's Fax Number: 863-588-3046	
Contact Person's E-Mail Address: avido@islandhideaway.net			

* The minimum number of tap sample sites for lead and copper (L.C.) and water quality parameter (WQP) distribution system sample sites is based on a system's population interval, which is selected from the table below. For the purposes of this form, the population served is the sum of the number of permanent residents and the number of additional non-transient persons to whom the system is available, such as school children, office and commercial employees, and seasonal residents.

Total Population Served	Population Interval	L.C. Sites	WQP Sites
greater than 100,000	A	100	25
50,001 to 100,000	B	60	10
10,001 to 50,000	C	60	10
3,301 to 10,000	D	40	3
501 to 3,300	E	20	2
101 to 500	F	10	1
less than 101	G	5	1

II. Records Review

Locate and review existing plans, drawings, and reports of the water system and also those kept by county or municipal building departments or code enforcement offices to identify available sampling sites and the total number of lead service lines in the distribution system.

A. Identification of Interior Plumbing Material Types *No selection*

Identify single-family and multiple-family residences and buildings that have interior plumbing containing lead pipe, copper pipe with lead solder installed after December 31, 1982, or copper pipe with lead solder installed before January 1, 1983; and identify structures with brass faucets and those with point-of-entry or point-of-use devices.

- | | |
|--|--|
| <p>Required sources of review (check after review):</p> <ul style="list-style-type: none"> <input type="checkbox"/> Plumbing or building codes. <input type="checkbox"/> Plumbing or building permits. <input type="checkbox"/> Contacts within the building department, municipal clerk's office, or State regulatory agencies for historical documentation of the service area development. <input type="checkbox"/> Review of drinking water sampling results, such as those from lead testing in schools. | <p>Optional sources of review (check those utilized):</p> <ul style="list-style-type: none"> <input type="checkbox"/> Interviews with building inspectors. <input type="checkbox"/> Survey of service area plumbers about when and where lead solder was used from 1983 to the present. <input type="checkbox"/> Survey of residents in the sections of the service area where lead pipe and/or copper pipe with lead solder is suspected to exist. <input type="checkbox"/> Interview of local contractors and developers. |
|--|--|

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PWS SAMPLING PLAN FOR LEAD AND COPPER TAP SAMPLES AND WATER QUALITY PARAMETERS

PWS Identification Number: 6535727

B. Identification of Lead Service Lines and Components with Lead Content

Identify the number and location of lead service lines and identify the location of water distribution system components that contain lead.

Required sources of review (check after review):

- Distribution system maps and record drawings.
- Information collected on the presence of lead and copper as required under 40 CFR 141.42, Special Monitoring for Corrosivity Characteristics.
- Capital improvement plans or master plans for distribution system development.
- Current and historical standard operating procedures or operation and maintenance manuals for the type of materials used to install service connections.
- Utility records, including meter installation records, customer complaint investigations, and other historical documents, that indicate or confirm the location of lead service connections.
- Drinking water sampling results that indicate that a structure is susceptible to lead in drinking water.

Optional sources of review (check those utilized):

- Interviews with utility employees familiar with past construction practices.
- Service line sampling where lead service lines are suspected to exist but their presence is not otherwise confirmed.
- Review of permit files.
- A community survey.
- Interview of local pipe suppliers, contractors, and developers.

III. Materials Survey

Fill out the following Materials Survey Summary Table to summarize the results of the records review performed under Part II of this form to identify a sampling pool of lead and copper tap sampling sites.

Materials Survey Summary	Type of Structure Being Served		
	SFRs	MFRs	BLDGs
	Number of Service Connections		
A. Interior Plumbing Material Sites			
Lead Pipe	0	0	0
Copper Pipe With Lead Solder Installed After 1982	0	0	0
Copper Pipe With Lead Solder Installed Before 1983	0	0	0
Brass Faucets	0	139	0
Point-of-Use or Point-of-Entry Treatment Devices	0	0	0
Lead-Lined Water Coolers	0	0	0
Other Lead Plumbing Components	0	0	0
B. Lead Service Line Sites			
Total Initial Number of Lines that Are Entirely Lead and Subject to Replacement	0	0	0
Partial Lead Lines	Goosenecks	0	0
	Pigtails	0	0
C. Lead Distribution System Component Sites			
Service Connections Within 100 feet of Distribution System Components Containing Lead	0	0	0
D. Total No. of Service Connections to Available Sampling Sites	0	0	0
E. Total Number of Service Connections in Distribution System	0	139	0

PWS SAMPLING PLAN FOR LEAD AND COPPER TAP SAMPLES AND WATER QUALITY PARAMETERS

PWS Identification Number: 6535727

IV. Lead and Copper Tap Sampling Plan

After completing the Materials Survey, develop a Lead and Copper Tap Sampling Plan by establishing a pool of potential sampling sites. Each plan must include at least the number of sites as shown in the table in the footnote under Part I of this form. It is recommended that a system establish a sampling pool equal to 150 percent of the minimum number required to be sampled to secure a list of optional sites that can be sampled as replacement sites or as additional samples. List all identified sampling sites in the table below. Use additional copies of the table below as necessary.

ID	Tier	Type	Location	Contact Person		LSL Y/N	Home Plumbing Material	Field Verified Y/N	Site Status S/O	Training Status Y/N
				Name	Phone					
1	4		2409 Fan Palm Drive	Regina Nax	407-485-1002	NO	BF	YES	SAMPLE	YES
2	4		2501 Fan Palm Drive	Regina Nax	407-485-1002	NO	BF	YES	SAMPLE	YES
3	4		2938 Fan Palm Drive	Regina Nax	407-485-1002	NO	BF	YES	SAMPLE	YES
4	4		614 Australian Way	Regina Nax	407-485-1002	NO	BF	YES	SAMPLE	YES
5	4		319 Australian Way	Regina Nax	407-485-1002	NO	BF	YES	SAMPLE	YES
6	4		236 Australian Way	Bruce Majors	352-557-5057	NO	BF	YES	SAMPLE	YES
7	4		834 Washington Palm Loop	Heidi Fernandez	352-602-1575	NO	BF	YES	SAMPLE	YES
8	4		713 Washington Palm Loop	Cindy Fuller	321-662-8375	NO	BF	YES	SAMPLE	YES
9	4		100 Washington Palm Loop	Regina Nax	407-485-1002	NO	BF	YES	SAMPLE	YES
10	4		521 Coconut Palm Way	Steven Lowrey	407-454-2601	NO	BF	YES	SAMPLE	YES
11	4		615 Australian Way	Regina Nax	407-485-1002	NO	BF	YES	OPTIONAL	YES
12	4		309 Australian Way	John Eanes	727-534-3369	NO	BF	YES	OPTIONAL	YES
13	4		2908 Fan Palm Drive	Regina Nax	407-485-1002	NO	BF	YES	OPTIONAL	YES
14	4		431 Australian Way	Regina Nax	407-485-1002	NO	BF	YES	OPTIONAL	YES
15	4		329 Australian Way	Regina Nax	407-485-1002	NO	BF	YES	OPTIONAL	YES

OK

Total Tier 1 Sites:	Total Selected Sampling Sites with Lead Service Lines:
Total Tier 2 Sites:	Percentage of Sampling Sites with Lead Service Lines: %
Total Tier 3 Sites:	
Total Tier 4 Sites: 15	

PWS SAMPLING PLAN FOR LEAD AND COPPER TAP SAMPLES AND WATER QUALITY PARAMETERS

PWS Identification Number: 6535727

VI. Certification

A. Site Selection Criteria

Whenever possible, lead and copper tap sample plans must include tier 1 sites exclusively. Explain the selection of other than tier 1 sites; and if sites were changed from one monitoring period to another, explain why the sites were changed (attach additional pages if necessary). There are 139 single family residential sites.

B. Lead Service Line Sites

When lead service line sites are identified, they must comprise at least 50 percent of the selected samples. Explain why the percentage of lead service line sites is not at least 50 percent of the required number of sampling sites (attach additional pages if necessary). N/A

C. Water Quality Parameter Sampling Plan

If any WQP distribution system sampling sites are not also microbiological sampling sites, explain how the selected WQP distribution system sampling sites represent water quality throughout the distribution system based on the distribution of population, the different sources of water and treatment methods, and an even distribution of sampling throughout the six-month sampling period (attach additional sheets as necessary). N/A

I am duly authorized to sign this form on behalf of the PWS identified in Part I of this form. I certify that the information provided on this form is true and accurate to the best of my knowledge and belief. I certify that the information listed and checked in Part II of this form was used to perform the materials survey in order to identify the total number of lead service lines in the PWS and to establish the sampling pool and sampling plans. I also certify that the number of lead service lines reported in Part III of this form is the total known number of lead service lines in the PWS and that the selected sampling sites in Part IV of this form are the highest risk sites available.

X
Signature and Date

X
Printed or Typed Name

Title

PWS SAMPLING PLAN FOR LEAD AND COPPER TAP SAMPLES AND WATER QUALITY PARAMETERS

INSTRUCTIONS: This form shall be completed and submitted by community water systems (CWSs) and by non-transient non-community water systems (NTNCWSs). Complete all parts of this form, attach any maps and written narrative describing the sampling plan, and submit the completed form and any attachments to the appropriate Department of Environmental Protection (DEP) District Office or Approved County Health Department (ACHD) 30 DAYS PRIOR TO THE BEGINNING OF A SIX-MONTH MONITORING PERIOD FOR LEAD AND COPPER IN DRINKING WATER. All information provided on this form shall be typed or printed in ink. The DEP District Office or ACHD will notify a system of approval of a Sampling Plan in writing, which will provide the system notice to proceed. Submit a revised Sampling Plan using this form if any changes in the selection of sampling sites must be made. When no changes have been made, no resubmission is necessary prior to sampling during the next six-month sampling period.

The following specific instructions are for the table in Part III of this form.

In A and B, show, by type of structure being served (i.e., single-family residences [SFR], multiple-family residences [MFR], or other buildings [BLDG]), the number of service connections to sites having the listed interior plumbing material characteristics or the listed service line characteristics. In C, show, by type of structure being served, the number of service connections within 100 feet of distribution system components containing lead. In D, show, by type of structure being served, the total number of service connections to available sampling sites. In E, show, by type of structure being served, the total number of service connections in the distribution system.

The following specific instructions are for the table in Part IV of this form.

ID. Enter a site identification number of up to three digits.

TIER. Enter the tier number of each site. Lead and copper tap sampling sites are categorized as tier 1, for the highest risk, to tier 2, 3, or 4 for successively lower risks. The tier categories are different for CWSs and NTNCWSs. For CWSs, tier 1 sites are single-family residences or child care facilities that contain either: copper pipe with lead solder installed after December 31, 1982, lead pipe, or a lead service line. Multiple-family residences are tier 1 when they comprise at least 20 percent of the structures served by the system. For CWSs, tier 2 sites include buildings and multiple-family residences that contain: copper pipe with lead solder installed after December 31, 1982, lead pipe, or a lead service line. For CWSs, tier 3 sites consist of single-family residences that contain copper pipe with lead solder installed before January 1, 1983. For CWSs, tier 4 sites are those that are identified as susceptible to lead or copper contamination but not belonging to one of the other tiers. For NTNCWSs, tier 1 sites are buildings that contain: copper pipe with lead solder installed after December 31, 1982, lead pipe, or a lead service line. For NTNCWSs, tier 2 sites are buildings that contain copper pipe with lead solder installed before January 1, 1983. For NTNCWSs, tier 3 sites are those identified as susceptible to lead or copper contamination and are the same as CWS tier 4 sites. When too few tier 1 sites are identified, tier 2 sites must be located to develop the sampling plan and so on through tiers 3 and 4.

TYPE, LOCATION, and CONTACT PERSON. Enter the type of structure in the Type column. Site types are identified as a single-family residence (SFR), a multiple-family residence (MFR), or a building (BLDG). Enter the street address of the site in the Location column and the name and phone number of the building or residence owner in the Contact Person column.

LSL and HOME PLUMBING MATERIAL. Enter a "Y" in the LSL column to identify a site with a lead service line. The plumbing material must be identified for each site in the Home Plumbing Material column. Enter one of the following:

- "Pb1" to identify a site with lead solder installed after December 31, 1982;
- "Pb2" to identify a site with lead solder installed before January 1, 1983;
- "LP" to identify a site with lead pipe;
- "BF" to identify tier 4 sites (tier 3 for NTNCWSs) that have brass faucets;
- "WC" to identify tier 4 sites that have water coolers with lead content;
- "POE" or "POU" to identify tier 4 sites that have a point-of-entry or point-of-use treatment device, respectively; or
- "LC" to identify a tier 4 site within 100 feet of a lead component in the distribution system.

FIELD VERIFIED, SITE STATUS, and TRAINING STATUS. Show if the site's home plumbing or service line material has been field verified by a "Y" in the Field Verified column. Sites selected for sampling should be indicated by entering an "S" in the Site Status column. Optional sites are identified by an "O." To be a selected site, there must be an agreement with the site building owner to sample himself or to have the site sampled by the system. All homeowners who will sample at the selected sites must receive training in sampling procedures. Indicate which homeowners have received training by a "Y" in the Training Status column.

The following specific instructions are for the table in Part V of this form.

ID NUMBER. Use a two-digit number as an identification number.

LOCATION. The street address should be given as the site location.

TARGET DATES. List target sampling dates for the two required sampling rounds to demonstrate how sampling will evaluate seasonal water quality differences.



PWS SAMPLING PLAN FOR LEAD AND COPPER TAP SAMPLES AND WATER QUALITY PARAMETERS

See page 6 for instructions.

I. General Information			
Public Water System (PWS) Name: Four Points Utilities			
PWS Identification Number: 6535704		PWS Type: <input checked="" type="checkbox"/> Community <input type="checkbox"/> Non-Transient Non-Community	
PWS Size: <input checked="" type="checkbox"/> Small <input type="checkbox"/> Medium <input type="checkbox"/> Large		Total Population Served: 255	
Population Interval:* <input type="checkbox"/> A <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> E <input checked="" type="checkbox"/> F <input type="checkbox"/> G			
PWS Owner: Four Points Utilities Corp			
Contact Person: Allison Vido		Contact Person's Title: Property Manager	
Contact Person's Mailing Address: Po Box 135878			
City: Clermont		State: FL	Zip Code: 34713
Contact Person's Telephone Number: 863-424-0130		Contact Person's Fax Number: 863-588-3046	
Contact Person's E-Mail Address: avido@islandhideaway.net			

* The minimum number of tap sample sites for lead and copper (LC) and water quality parameter (WQP) distribution system sample sites is based on a system's population interval, which is selected from the table below. For the purposes of this form, the population served is the sum of the number of permanent residents and the number of additional non-transient persons to whom the system is available, such as school children, office and commercial employees, and seasonal residents.

Total Population Served	Population Interval	LC Sites	WQP Sites
greater than 100,000	A	100	25
50,001 to 100,000	B	60	10
10,001 to 50,000	C	60	10
3,301 to 10,000	D	40	3
501 to 3,300	E	20	2
101 to 500	F	10	1
less than 101	G	5	1

II. Records Review

Locate and review existing plans, drawings, and reports of the water system and also those kept by county or municipal building departments or code enforcement offices to identify available sampling sites and the total number of lead service lines in the distribution system.

A. Identification of Interior Plumbing Material Types

Identify single-family and multiple-family residences and buildings that have interior plumbing containing lead pipe, copper pipe with lead solder installed after December 31, 1982, or copper pipe with lead solder installed before January 1, 1983; and identify structures with brass faucets and those with point-of-entry or point-of-use devices.

Required sources of review (check after review):

- Plumbing or building codes.
- Plumbing or building permits.
- Contacts within the building department, municipal clerk's office, or State regulatory agencies for historical documentation of the service area development.
- Review of drinking water sampling results, such as those from lead testing in schools.

Optional sources of review (check those utilized):

- Interviews with building inspectors.
- Survey of service area plumbers about when and where lead solder was used from 1983 to the present.
- Survey of residents in the sections of the service area where lead pipe and/or copper pipe with lead solder is suspected to exist.
- Interview of local contractors and developers.

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PWS SAMPLING PLAN FOR LEAD AND COPPER TAP SAMPLES AND WATER QUALITY PARAMETERS

PWS Identification Number: 6535704

B. Identification of Lead Service Lines and Components with Lead Content

Identify the number and location of lead service lines and identify the location of water distribution system components that contain lead.

Required sources of review (check after review):

- Distribution system maps and record drawings.
- Information collected on the presence of lead and copper as required under 40 CFR 141.42. Special Monitoring for Corrosivity Characteristics.
- Capital improvement plans or master plans for distribution system development.
- Current and historical standard operating procedures or operation and maintenance manuals for the type of materials used to install service connections.
- Utility records, including meter installation records, customer complaint investigations, and other historical documents, that indicate or confirm the location of lead service connections.
- Drinking water sampling results that indicate that a structure is susceptible to lead in drinking water.

Optional sources of review (check those utilized):

- Interviews with utility employees familiar with past construction practices.
- Service line sampling where lead service lines are suspected to exist but their presence is not otherwise confirmed.
- Review of permit files.
- A community survey.
- Interview of local pipe suppliers, contractors, and developers.

III. Materials Survey

Fill out the following Materials Survey Summary Table to summarize the results of the records review performed under Part II of this form to identify a sampling pool of lead and copper tap sampling sites.

Materials Survey Summary	Type of Structure Being Served		
	SFRs	MFRs	BLDGs
Number of Service Connections			
A. Interior Plumbing Material Sites			
Lead Pipe			
Copper Pipe With Lead Solder Installed After 1982			
Copper Pipe With Lead Solder Installed Before 1983			
Brass Faucets			
Point-of-Use or Point-of-Entry Treatment Devices		255	
Lead-Lined Water Coolers			
Other Lead Plumbing Components			
B. Lead Service Line Sites			
Total Initial Number of Lines that Are Entirely Lead and Subject to Replacement			
Partial Lead Lines	Goosenecks		
	Pigtails		
C. Lead Distribution System Component Sites			
Service Connections Within 100 feet of Distribution System Components Containing Lead			
D. Total No. of Service Connections to Available Sampling Sites		255	
E. Total Number of Service Connections in Distribution System		255	

PWS SAMPLING PLAN FOR LEAD AND COPPER TAP SAMPLES AND WATER QUALITY PARAMETERS

PWS Identification Number: 6535704

IV. Lead and Copper Tap Sampling Plan

After completing the Materials Survey, develop a Lead and Copper Tap Sampling Plan by establishing a pool of potential sampling sites. Each plan must include at least the number of sites as shown in the table in the footnote under Part I of this form. It is recommended that a system establish a sampling pool equal to 150 percent of the minimum number required to be sampled to secure a list of optional sites that can be sampled as replacement sites or as additional samples. List all identified sampling sites in the table below. Use additional copies of the table below as necessary.

ID	Tier	Type	Location	Contact Person		LSL Y/N	Home Plumbing Material	Field Verified Y/N	Site Status S/O	Training Status Y/N
				Name	Phone					
1	4		912 Orchid Drive	Lorre Jetton	863-206-5535	NO	BF	YES	SAMPLE	YES
2	4		902 Orchid Drive	Lorre Jetton	863-206-5535	NO	BF	YES	SAMPLE	YES
3	4		758 Orchid Drive	Lorre Jetton	863-206-5535	NO	BF	YES	SAMPLE	YES
4	4		647 Orchid Drive	Lorre Jetton	863-206-5535	NO	BF	YES	SAMPLE	YES
5	4		515 Orchid Drive	Lorre Jetton	863-206-5535	NO	BF	YES	SAMPLE	YES
6	4		125 Orchid Drive	Lorre Jetton	863-206-5535	NO	BF	YES	SAMPLE	YES
7	4		564 Orchid Drive	Lorre Jetton	863-206-5535	NO	BF	YES	SAMPLE	YES
8	4		142 Mango Drive	Lorre Jetton	863-206-5535	NO	BF	YES	SAMPLE	YES
9	4		265 Mango Drive	Lorre Jetton	863-206-5535	NO	BF	YES	SAMPLE	YES
10	4		432 Orchid Drive	Lorre Jetton	863-206-5535	NO	BF	YES	SAMPLE	YES
11	4		669 Caribbean Drive	Anita Erby	352-404-3061	NO	BF	YES	OPTIONAL	YES
12	4		202 Coco Plum Drive	Giovanna D'alessandro	407-390-1300	NO	BF	YES	OPTIONAL	YES
13	4		873 Caribbean Drive	Evon Kaldas	949-363-3712	NO	BF	YES	OPTIONAL	YES
14	4		262 Coco Plum Drive	Gamal Kaldas	201-803-6363	NO	BF	YES	OPTIONAL	YES
15	4		964 Caribbean Drive	Gamal Kaldas	201-803-6363	NO	BF	YES	OPTIONAL	YES

Total Tier 1 Sites:	Total Selected Sampling Sites with Lead Service Lines:
Total Tier 2 Sites:	Percentage of Sampling Sites with Lead Service Lines: %
Total Tier 3 Sites:	
Total Tier 4 Sites: 15	

PWS SAMPLING PLAN FOR LEAD AND COPPER TAP SAMPLES AND WATER QUALITY PARAMETERS

PWS Identification Number: 6535704

V. Water Quality Parameter Sampling Plan

Fill out the following table to identify water quality parameter sampling sites. The total number of entry point sampling sites identified must equal the total number of entry points or, for consecutive systems, the total number of interconnection points, to the distribution system. The total number of distribution system sampling sites must at least equal the number of sites shown in the table in the footnote under Part I of this form. Distribution system sampling sites may be selected from among the system's microbiological sampling sites.

Entry Point Sampling Sites			Distribution System Sampling Sites		
ID Number	Location	Target Dates	ID Number	Location	Target Dates
0	871 Orchid Drive		0	Primary Access ADDRESS	
Total Sampling Sites at Entry Points: 1			Total Sampling Sites in Distribution System: 1		

PWS SAMPLING PLAN FOR LEAD AND COPPER TAP SAMPLES AND WATER QUALITY PARAMETERS

PWS Identification Number: 6535704

VI. Certification

A. Site Selection Criteria

Whenever possible, lead and copper tap sample plans must include tier 1 sites exclusively. Explain the selection of other than tier 1 sites; and if sites were changed from one monitoring period to another, explain why the sites were changed (attach additional pages if necessary). These are 255 single family residential sites.

B. Lead Service Line Sites

When lead service line sites are identified, they must comprise at least 50 percent of the selected samples. Explain why the percentage of lead service line sites is not at least 50 percent of the required number of sampling sites (attach additional pages if necessary). N/A

C. Water Quality Parameter Sampling Plan

If any WQP distribution system sampling sites are not also microbiological sampling sites, explain how the selected WQP distribution system sampling sites represent water quality throughout the distribution system based on the distribution of population, the different sources of water and treatment methods, and an even distribution of sampling throughout the six-month sampling period (attach additional sheets as necessary). N/A

I am duly authorized to sign this form on behalf of the PWS identified in Part I of this form. I certify that the information provided on this form is true and accurate to the best of my knowledge and belief. I certify that the information listed and checked in Part II of this form was used to perform the materials survey in order to identify the total number of lead service lines in the PWS and to establish the sampling pool and sampling plans. I also certify that the number of lead service lines reported in Part III of this form is the total known number of lead service lines in the PWS and that the selected sampling sites in Part IV of this form are the highest risk sites available.

Signature and Date

X

Printed or Typed Name

X

Title

PWS SAMPLING PLAN FOR LEAD AND COPPER TAP SAMPLES AND WATER QUALITY PARAMETERS

INSTRUCTIONS: This form shall be completed and submitted by community water systems (CWSs) and by non-transient non-community water systems (NTNCWSs). Complete all parts of this form, attach any maps and written narrative describing the sampling plan, and submit the completed form and any attachments to the appropriate Department of Environmental Protection (DEP) District Office or Approved County Health Department (ACHD) 30 DAYS PRIOR TO THE BEGINNING OF A SIX-MONTH MONITORING PERIOD FOR LEAD AND COPPER IN DRINKING WATER. All information provided on this form shall be typed or printed in ink. The DEP District Office or ACHD will notify a system of approval of a Sampling Plan in writing, which will provide the system notice to proceed. Submit a revised Sampling Plan using this form if any changes in the selection of sampling sites must be made. When no changes have been made, no resubmission is necessary prior to sampling during the next six-month sampling period.

The following specific instructions are for the table in Part III of this form.

In A and B, show, by type of structure being served (i.e., single-family residences [SFR], multiple-family residences [MFR], or other buildings [BLDG]), the number of service connections to sites having the listed interior plumbing material characteristics or the listed service line characteristics. In C, show, by type of structure being served, the number of service connections within 100 feet of distribution system components containing lead. In D, show, by type of structure being served, the total number of service connections to available sampling sites. In E, show, by type of structure being served, the total number of service connections in the distribution system.

The following specific instructions are for the table in Part IV of this form.

ID. Enter a site identification number of up to three digits.

TIER. Enter the tier number of each site. Lead and copper tap sampling sites are categorized as tier 1, for the highest risk, to tier 2, 3, or 4 for successively lower risks. The tier categories are different for CWSs and NTNCWSs. For CWSs, tier 1 sites are single-family residences or child care facilities that contain either: copper pipe with lead solder installed after December 31, 1982, lead pipe, or a lead service line. Multiple-family residences are tier 1 when they comprise at least 20 percent of the structures served by the system. For CWSs, tier 2 sites include buildings and multiple-family residences that contain: copper pipe with lead solder installed after December 31, 1982, lead pipe, or a lead service line. For CWSs, tier 3 sites consist of single-family residences that contain copper pipe with lead solder installed before January 1, 1983. For CWSs, tier 4 sites are those that are identified as susceptible to lead or copper contamination but not belonging to one of the other tiers. For NTNCWSs, tier 1 sites are buildings that contain: copper pipe with lead solder installed after December 31, 1982, lead pipe, or a lead service line. For NTNCWSs, tier 2 sites are buildings that contain copper pipe with lead solder installed before January 1, 1983. For NTNCWSs, tier 3 sites are those identified as susceptible to lead or copper contamination and are the same as CWS tier 4 sites. When too few tier 1 sites are identified, tier 2 sites must be located to develop the sampling plan and so on through tiers 3 and 4.

TYPE, LOCATION, and CONTACT PERSON. Enter the type of structure in the Type column. Site types are identified as a single-family residence (SFR), a multiple-family residence (MFR), or a building (BLDG). Enter the street address of the site in the Location column and the name and phone number of the building or residence owner in the Contact Person column.

LSL and HOME PLUMBING MATERIAL. Enter a "Y" in the LSL column to identify a site with a lead service line. The plumbing material must be identified for each site in the Home Plumbing Material column. Enter one of the following:

- "Pb1" to identify a site with lead solder installed after December 31, 1982;
- "Pb2" to identify a site with lead solder installed before January 1, 1983;
- "LP" to identify a site with lead pipe;
- "BF" to identify tier 4 sites (tier 3 for NTNCWSs) that have brass faucets;
- "WC" to identify tier 4 sites that have water coolers with lead content;
- "POE" or "POU" to identify tier 4 sites that have a point-of-entry or point-of-use treatment device, respectively; or
- "LC" to identify a tier 4 site within 100 feet of a lead component in the distribution system.

FIELD VERIFIED, SITE STATUS, and TRAINING STATUS. Show if the site's home plumbing or service line material has been field verified by a "Y" in the Field Verified column. Sites selected for sampling should be indicated by entering an "S" in the Site Status column. Optional sites are identified by an "O." To be a selected site, there must be an agreement with the site building owner to sample himself or to have the site sampled by the system. All homeowners who will sample at the selected sites must receive training in sampling procedures. Indicate which homeowners have received training by a "Y" in the Training Status column.

The following specific instructions are for the table in Part V of this form.

ID NUMBER. Use a two-digit number as an identification number.

LOCATION. The street address should be given as the site location.

TARGET DATES. List target sampling dates for the two required sampling rounds to demonstrate how sampling will evaluate seasonal water quality differences.

Lisa Ray

From: Tom Walden
Sent: Thursday, December 08, 2011 2:13 PM
To: Lisa Ray
Subject: FW: Bimini Bay

Please see that this correspondence and the attachment is placed in the docket file in Docket No. 090424-WS - Application for certificates to provide water and wastewater service in Polk County by Bimini Bay Utilities Corporation. You can add this to the cover memo for the earlier e-mail I sent to you.

From: Owen_Devine@doh.state.fl.us [mailto:Owen_Devine@doh.state.fl.us]
Sent: Tuesday, December 06, 2011 7:29 AM
To: dmeadows@islandhideaway.net; btreanor@islandhideaway.net; avido@islandhideaway.net
Cc: Donald_Ehlenbeck@doh.state.fl.us; Ronald_Stadelbacher@doh.state.fl.us; Tom Walden; MarkLowenstine@polk-county.net; Daniela_Sloan@doh.state.fl.us
Subject: Bimini Bay

Mr. Meadows,

FYI and action

Owen Devine
Environmental Specialist II

Polk County Health Department
Environmental Engineering Division
2090 East Clower Street
Bartow, FL 33830-6741
(863) 519-8330 Ext. 12151
Owen_Devine@doh.state.fl.us

From: Sloan, Daniela
Sent: Monday, December 05, 2011 12:23 PM
To: Devine, Owen F
Subject: Bimini Bay

Owen,

I cannot approve the lead and copper sampling plan because it's missing the following:

- 1 WQP sampling site on page 4
- signature and date

- on page 2 there are some minor corrections to be made (I'm leaving the plan in your mailbox)

Were there supposed to be some lead and copper results pertaining to the chain of custody attached?

12/13/2011

Daniela