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January 29, 2008

•

Ann Cole, Director Division of Records and Reporting Florida Public Service Commission 2540 Shumard Oak Boulevard Tallahassee, Florida 32399

Re: Aloha Utilities, Inc.; PSC Docket No. 060122-WU; Limited Proceeding - Purchased Water

Our File No. 26038.49

Dear Ms. Cole:

At the request of staff member, Bart Fletcher, I am attaching hereto the letter and information that I sent Bart on January 8, 2008 and the additional information that I sent Bart on January 9, 2008. Mr. Fletcher had asked that this information become part of the docket file. I am also including my original cover email to Bart from January 9, 2008 since no separate cover letter was attached to the additional schedules provided on January 9, 2008.

If you have any questions in this regard, please let me know.

Sincerely,

ROSE, SÚNDSTROM & BENTLEY, LLI

F. Marshall Deterding

For The Firm

DOCUMENT NUMBER - DATE

00718 JAN 298

FPSC-COMMISSION CLERK

FMD/tms

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January 8, 2008

Bart Fletcher Division of Economic Regulation Florida Public Service Commission 2540 Shumard Oak Boulevard Tallahassee, Florida 32399-0850

Re: Aloha Utilities, Inc.; PSC Docket No. 060122-WU; Limited Proceeding - Purchased Water Our File No. 26038.49

#### Dear Bart:

In an attempt to answer the questions that you sent to us by email below, I have listed our response and I am also attaching certain information:

1) The actual pumped gallons for the month of December, 2007.

ANSWER: This information is attached for the 12 months ended November 2007 and for the 12 months ended December 2007.

2) The actual gallons of water sold for 2007 with a breakdown between residential and commercial service gallons.

ANSWER: I am attaching this information for the 11 months ended November 2007. We do not have the December 2007 information in large part because we have two billing cycles, one of which starts mid month. The meter readings for that cycle will not be done until approximately the 15<sup>th</sup> of January and the data will be inputted for billing purposes and should be available to give you this requested data for December on approximately February 8, 2008 per the utility staff.

3) The actual number of meters by customer class (commercial and residential) and by meter size.

ANSWER: I am attaching this information for November 2007. We do not have the December 2007 information as noted above

DOCUMENT NUMBER-DATE

00718 JAN 29 8

FPSC-COMMISSION CLERK

January 8, 2008 Page 2

In addition, you asked about November 2006 Seven Springs water pumped from wells. That figure is 112,370,000 gallons.

The first three schedules (Exhibit "A") are those which reflect the specific inquiries that you made.

The second set of schedules (Exhibit "B") prepared today by Bob Nixon labeled "Special Report - Based on Reduced Growth Per Engineers - Projections Dated 1-4-08," incorporate those changes and expected growth in revising the Special Report that was submitted with the original application. These are based upon the growth projections Mr. Porter undertook with the revised actual data for 2007 inputted.

Finally, the third set of schedules (Exhibit "C") entitled "Revenue Increase Excluding Chloramination Costs Based on Lower Growth Projections 1-8-08" are the schedules prepared by Mr. Nixon to incorporate the elimination of all chloramination capital costs, and to recognize the actual growth that the Utility experienced in 2007 and projecting forward based upon use of that information.

Since it is my understanding that the staff wants to use the most recent information and intends to utilize for its initial recommendation, the information without chloramination capital costs included, I believe this third set of schedules represents the best estimate of the appropriate revenue requirements for the system. It is based upon this most recent actual information and expected growth patterns which result. Since these are the most accurate figures, we believe they should be utilized. While Mr. Nixon did not calculate revised rates in this third set of schedules, the effect on rates will likely be similar to those shown in the second set of schedules attached. That is an increase in the base charge proposed, and a decrease in the gallonage charge. This is a result of the fact that there will be fewer customers anticipated, which results in the fixed costs of the revenue requirement being funded by a smaller number of customers, but also a smaller amount of the expensive purchased County water, thereby decreasing the gallonage charge slightly.

If you have any further questions or need any further information, please let me know.

Sincerely.

ROSE, SU

F. Marshall Deterding

For The Firm

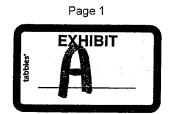
FMD/tms

### ALOHA UTILITIES INC

As of: 11/30/07

### SEVEN SPRINGS WATER CUSTOMERS BY METER SIZE

COMMERCIAL	METER SIZE	CUSTOMERS
	3/4"	274
	1"	99
	1 <i>.</i> 5"	30
	2"	34
	3"	2
	4"	3
	6"	11
	8"	1
	10"	1
		455
	_	
RESIDENTIAL	3/4"	11853
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	1"	2
	_	11855
	_	· · · · · · · · · · · · · · · · · · ·
Total Seven Springs	_	12310
, ,	_	



### Seven Springs Water Gallons Sold As of: 11/30/07

	Total Res'l	Block 1	Block 2		Total Seven
	Gallons	Gallons	Gallons	Commercial	Springs
Jan-07	74,994,196	60,874,536	14,119,660	12,924,980	87,919,176
Feb-07	70,474,618	57,872,738	12,601,880	11,949,105	82,423,723
Mar-07	85,903,211		22,445,910	10,187,201	96,090,412
Арг-07	98,644,978	68,560,187			112,634,049
May-07	106,709,474	68,820,854	37,888,620	11,649,075	118,358,549
Jun-07	96,640,034	66,757,169	29,882,865	13,009,820	109,649,854
Jul-07	82,894,495		22,328,465	13,074,625	95,969,120
Aug-07	84,650,081	62,647,452	22,002,629	12,427,535	97,077,616
Sep-07	79,452,570	58,687,769	20,764,801	14,206,695	93,659,265
Oct-07	78,812,762	59,791,070	19,021,692	11,521,590	90,334,352
Nov-07	85,456,559	62,990,711	22,465,848	13,907,525	99,364,084
Y-T-D	944,632,978	691,025,817	253,607,161	138,847,222	1,083,480,200

	Total Purchased from Pasco	Total Pumped from Seven	Total Pumped & Purchased Water-Seven
Date	County	Springs Wells	Springs
	Gals.	Gals.	Gals.
Dec-06	0	107,263,800	107,263,800
Jan-07	0	103,472,400	103,472,400
Feb-07	0	91,240,300	91,240,300
Mar-07	0	118,098,500	118,098,500
Apr-07	0	119,315,200	119,315,200
May-07	0	139,913,300	139,913,300
Jun-07	0	118,162,200	118,162,200
Jul-07	0	114,864,000	114,864,000
Aug-07	0	114,612,700	114,612,700
Sep-07	0	104,284,200	104,284,200
Oct-07	0	110,968,100	110,968,100
Nov-07	0	115,772,800	115,772,800
Total 12/06-11/07	0	1,357,967,500	1,357,967,500

	Total		Total Pumped &
	Purchased	Total Pumped	Purchased
	from Pasco	from Seven	Water-Seven
Date	County	Springs Wells	Springs
	Gals.	Gals.	Gals.
Jan-07	0	103,472,400	103,472,400
Feb-07	0	91,240,300	91,240,300
Mar-07	0	118,098,500	118,098,500
Apr-07	0	119,315,200	119,315,200
May-07	0	139,913,300	139,913,300
Jun-07	0	118,162,200	118,162,200
Jul-07	0	114,864,000	114,864,000
Aug-07	0	114,612,700	114,612,700
Sep-07	0	104,284,200	104,284,200
Oct-07	0	110,968,100	110,968,100
Nov-07	0	115,772,800	115,772,800
Dec-07	0	109,690,300	109,690,300
Total 2007	0	1,360,394,000	1,360,394,000

Aloha Utilities, Inc.
Seven Springs Water Limited Proceeding
Special Report
Based on Reduced Growth per Engineers
Projections Dated 1-4-08



### Aloha Utilities, inc. Seven Springs Water Limited Proceeding Schedule of Present and Proposed Rates

Line <u>No.</u> 1	Residential		esent R <u>ates</u>	oposed crease		oposed Rates
2	Base facility charges ( 107.97% increase)					
3	5/8 x 3/4"	\$	4.47	\$ 4.83	\$	9.30
4	3/4"		6.70	7.23		13.93
5	1"		11.18	12.07		23.25
6	1-1/2"		22.38	24.16		46.54
7	Gallonage Charges (\$ 2.35 increase)					
8	Gallonage charge - 0 - 10,000 gallons		1.53	2.35		3.88
9	Gallonage charge - over 10,000 gallons		1.90	2.35		4.25
10	General Service					
11	Base facility charges ( 107.97% increase)					
12	5/8/ x 3/4"		4.47	4.83		9.30
13	1"		11.18	12.07		23.25
14	1-1/2"		22.38	24.16		46.54
15	2"		35.79	38.64		74.43
16	3"		71.60	77.31		148.91
17	4"	•	111.87	120.79		232.66
18	6"	2	223.73	241.56		465.29
19	8"	3	357.95	386.48		744.43
20	10"	5	514.56	555.57	1,	070.13
21	Gallonage charge per 1,000 gallons(\$ 2.35 increase)		1.67	2.35		4.02

### Aloha Utilities, Inc Seven Springs Water Limited Proceeding Calculation of Percentage Rate Increase And Increase to the Gallonage Charges

Line <u>No.</u>	(4)	Allegation of December Descriptions					Schedule <u>Reference</u>
1 2 3 4	(A)	Allocation of Revenue Requirement Total proposed revenue increase Total cost of purchased water from Pasco County Divide by factor for Regulatory Assessment Fees	\$	3,075,928 0.955	\$	4,082,260	3 15
5		Total Purchased water cost in proposed revenue increase	<u>\$</u>	3,220,867	_	(3,220,867)	
6		Proposed revenue increase related to base facility charges			\$	861,393	
7 8 9	(B)	Percentage increase in Base Facility Charges Total annualized revenue - existing rates Less annualized gallonage revenue - existing rates			\$	3,033,960 (2,236,140)	19 19
10		Annualized base facility charge revenue - existing rates			<u>\$_</u>	797,820	
11		Total proposed base facility charge increase			<u>\$</u>	861,393	
12		Divide by annualized base facility charge revenue			\$	797,820	
13		Percentage increase in base facility charges				<u> 107.97%</u>	
14 15	(C)	Increase in Gallonage Charges Proposed increase to gallonage charges			<u>\$</u>	3,220,867	
16		Divide by projected gallons sold (000)			-	1,368,000	18
17		Proposed gallonage charge increase			\$	2.35	

# Aloha Utilities, Inc. Seven Springs Water Limited Proceeding Schedule of Rate Base Components, Rate of Return and Revenue Requirement

Line		Cost	Schedule
No.	Increase in Rate Base & Rate of Return	<u>Amount</u>	Reference
1	Actual cost of Chloramination System	\$3,848,657	6
2	Estimated cost of Pasco County water tie-in (including land)	903,593	12
3	Capacity charges paid to Pasco County for purchased water	4,136,675	11
4	Retirement of old equipment	(89,228)	10
5	Accumulated depreciation net of retirement of old equipment	(866,396)	13,10
6	Contributions In Aid of Construction (CIAC)	(4,005,000)	17
7	Accumulated amortization of CIAC	190,747	17
8	Total increase in rate base	4,119,047	
9	Weighted cost of capital	7.04%	16
3	Weighten bost of capital	1.0470	10
10	Rate of return required	289,981	
11	Increase in Operating Expenses		
12	Increase in O&M expense, including purchased water	3,424,129	14
13	Increase in depreciation expense	340,118	13
14	Increase in CIAC amortization	(155,795)	17
15	Decrease in depreciation expense associated with retirements	(3,768)	10
16	Increase in taxes other than income taxes	71,191	14
17		3,675,875	
18	Decrease in Overall Rate of Return		
19	Projected 2009 operating income before decrease	\$461,807	
20	Authorized rate of return after limited proceeding increase	394,509	
20	,		
21	Decrease required to realize an 8.52% rate of return (current authorized)	\$ (67,298)	
22	Total increase in operating expenses	3,608,577	
23	Total revenue increase before Regulatory Assessment Fees (RAF's)	3,898,558	
23 24	Divide by factor for RAF's	0.955	
۷4	Divide by lactor for the s	0.555	
25	Total Revenue Increase	\$4,082,260	

## Aloha Utilities, Inc. Seven Springs Water Limited Proceeding

### Chlorimination and Purchased Water Increase

### Rate Base and Rate of Return After Limited Proceeding Rate Increase

Line No. 1 2 3 4 5 6	Utility plant in service Land Accumulated depreciation Contributions in Aid of Construction (CIAC) Accumulated amortization of CIAC Net deferred income taxes Allowance for working capital	Balance 12/31/2006 \$ 18,617,982 44,750 (4,370,508) (14,124,754) 3,590,254 359,136 4,116,860 136,400	75,000 (2,029,420) (4,005,000)	Ba 12/3 (A) \$ 23 (B) (C) (6) (D) (18 (E) 4	oforma alance 31/2009 3,583,250 119,750 3,399,928) 3,129,754) 4,961,540 359,136 4,493,993 136,400	
8	Rate base	\$ 4,253,260	\$ 377,133	\$ 4	4,630,393	
9	Operating Income	\$ (96,810)		\$	394,509	5
10	Rate of return	<u>-2.28%</u>			8.52%	
11 12 13 14	Adjustments  (A) Plant in service Plant capacity charges paid to Pasco Co Estimated Costs of Pasco County tie-in  Total Plant adjustments	ounty			4,136,675 828,593 4,965,268	11 12
16 17	(B) <u>Land</u> Estimated cost of land for County tie-in			\$	75,000	12
18 19 20 21	(C) Accumulated Depreciation Depreciation on existing plant to 12-31-0 Depreciation on Pasco County capacity Annual depreciation on estimated cost o	charges f Pasco County ti			1,741,965) (248,201) (39,254) 2,029,420)	13
23	(D) Additional projected CIAC through 12-31	-09		\$ (4	,005,000)	17
24 25	(E) Additional accumulated amortization of p Accumulated amortization on existing Cl.		rough 12-31-09	\$ 1	190,747 1,180,539	17
26	Total accumulated amortization of CIAC	adjustments		<u>\$ 1</u>	,371,286	
27 28	Note: The retirement of chlorination equipment were booked in 2005 and included in the	•		amination	plant cost	s

# Aloha Utilities, Inc. Seven Springs Water Limited Proceeding Chloramination and Purchased Water Increase Statement of Operations After Limited Proceeding Rate Increase

Line No. 1 2 3 4 5 6 7 8 9	Ope Ope Ope Dep Am Am Tax Inco	erating Revenue rating Expenses: eration & Maintenance (O&M) preciation ortization of CIAC ortization of contributed taxes res other than income ome taxes rating Income	<u>1</u> <u>\$</u>	Balance 2/31/2006 2,640,042 2,226,931 580,655 (393,513) (35,982) 358,761 	Limited Proceeding adjustments \$4,476,178  3,745,673 191,636 (155,795) 198,036 5,308 3,984,858	(A) (B) (C) (D) (E) (F)	Proforma Balance 12/31/2006 \$ 7,116,220  5,972,604 772,291 (549,308) (35,982) 556,797 5,308 6,721,710  \$ 394,509	
	•	· ·	<u> </u>	(00/010)				
11 12	Adju (A)	stments Operating Revenue						
13	V 17	Limited proceeding revenue increase					\$ 4,082,260	3
14		Increase in projected revenue at current	rate	es			393,918	
15							\$ 4,476,178	
16	(B)	O&M Expenses		0.00			£ 0.000.454	4.4
17		Increase in O&M expense - Purchased v	vate	r & tie-in cos	ts (1)		\$ 3,092,454	14
18 19		2009 gallons purchased from Pasco County (000) Projected increase in bulk rate per 1,000 gallons through 2009 (3)					835,850 \$ 0.08	
20		Projected increase in purchased water b	y 20	009			66,868	
21 22 23 24		2006 O&M expense Factor for customer growth & inflation thr Total indexed existing O&M through 12-3 2006 O&M expense	-		2)		2,226,931 1.2633 2,813,282 (2,226,931)	
25		Increase in 2006 O&M for customer grow	vth 8	& inflation			586,351	
26		Total increase in O&M expense					\$ 3,745,673	
27 28	(C)	<u>Depreciation Expense</u> Increase in depreciation expense (1)					\$ 191,636	13
29 30	(D)	Amortization of CIAC Increase in CIAC amortization					<u>\$ 155,795</u>	17
31	(E)	Taxes Other Than Income						
32 33		Increase in property taxes Increase in Regulatory Assessment Fees	5				\$ 14,334 183,702	14 3
34		Total increase					\$ 198,036	

# Aloha Utilities, Inc. Seven Springs Water Limited Proceeding Chloramination and Purchased Water Increase Statement of Operations After Limited Proceeding Rate Increase

Line <u>No.</u>	(F)	Adjustments (Continued) Income taxes			Schedule Reference
1 2 3 4 5	(F)	Rate base after limited proceeding adjustments Weighted cost of equity Net income after income taxes Factor for gross-up to income before income taxes		\$ 4,630,393 <u>0.1900%</u> 8,798 <u>1.6033</u>	4 16
6 7		Pretax income Income before income taxes		14,105 (8,798)	
8		Income tax provision after limited proceeding increase		\$ 5,308	
9 10		Notes: (1) Costs related to Chloramination were incurred the increased expenses for purposes of this Schedule.		l are not includ	ed in
11 12 13 14		(2) 2006 O&M is indexed for customer growth & to reflect presently incurred 2006 O&M at the end of 20 No. of ERC's 12-31-06 Projected No. of ERC's 12-31-09			er)
15		Increase in ERC's through 12-31-09	1,226		
16		Percentage increase	<u>8.96%</u>		
17 18		PSC 2006 Price Deflator Index of 3.09% for 3 years	<u>1.0956</u>		
19 20 21		Compound Multiplier: Customer growth Price deflator Index	1.1531 1.0956		
22		Compound multiplier index factor	<u>1.2633</u>		

#### Aloha Utilities, Inc. Seven Springs Water Limited Proceeding Increases in Operating Expenses

Line <u>No.</u>	Account <u>No.</u>	<u>Description</u>	Net Increase	Schedule Reference
1		Increases due to chloramination and purchased water from Pasco County	•	
2 3	601	Operation and Maintenance Expense (note 1 page 3 of 3) Additional labor cost		
4	001	Total Labor cost per Engineer's estimate after chloramination conversion	\$ 328,429	
5		2005 actual labor cost before chloramination conversion	(228,744)	
6		Incremental cost of labor	99,685	
7	604	Employee pensions & benefits		
8		Incremental cost of labor	99,685	
9		2005 burdened percentage for pensions & benefits	41.27%	
10		Incremental cost of employee pensions & benefits	41,140	
11	610	Purchased Water		
12	010	Total gallons to be purchased from Pasco County @ 2.4 MGD (000)	835,850	15
13		Pasco County rate effective 10-01-07 (without storage)	3.68	
14		Total Pasco County purchased water cost	3,075,928	
15		Total gallons from Aloha's wells replaced by Pasco County purchases (000)	835,850	15
16		Existing cost per 1,000 gallons	0.10	
17		Reduction in current purchased water costs	(83,585)	
		Net increase in purchased water costs	2,992,343	
18	615	Purchased Power		
19		Actual 2005 purchased power costs before water purchases from County	128,049	
20		Projected power costs after purchasing water from County	(88,976)	
			(20.072)	
21		Net decrease in purchased power costs	(39,073)	
22	618	Chemicals		
23		Ammonia Solution		
24		Projected cost for ammonia solution after cholramination conversion	12,597	
25		Ammonia solution cost before chloramation conversion		
26		Net increase in ammonia solution	12,597	
27		Corrosion inhibitor		
28		Projected corrosion inhibitor cost after chloramination conversion	18,792	
29		Actual 2005 corrosion inhibitor cost before chloramination conversion	(17,730)	
30		Net increase in corrosion inhibitor cost	1,062	
31		Gas & Liquid Chlorine		
32		Liquid chlorine cost after chloramination conversion	135,643	
33		Actual 2005 gas & liquid Chlorine cost before chloramination conversion	(121,676)	
34		Net increase for liquid chlorine after chloramination conversion	13,967	

### Aloha Utilities, Inc. Seven Springs Water Limited Proceeding Schedule of Pasco County Purchased Water Costs

Line No. 1 2 3 4 5 6	Well / Plant No.1 Well / Plant No.2 Well / Plant No. 6 Well / Plant No. 7 Well / Plant No. 8 Well / Plant No. 9 Mitchell Well / Plant	CUP Allowable Daily (MGD) <u>Withdrawal</u> 0.449 0.258 0.239 0.284 0.259 0.232 0.319	Annual Allowable (000) 163,885 94,170 87,235 103,660 94,535 84,680 116,435
8 9 10	Total allowable withdrawal  Total water required  Amount to be purchased from Pasco County	2.04 4.33 2.29	744,600 1,580,450 835,850
11 12 13	Quantity to be purchased from Pasco County (000) Cost per 1,000 gallons without storage, effective 10-01-07 Cost of purchased water from Pasco County		\$35,850 \$ 3.68 \$ 3,075,928

## Aloha Utilities, Inc. Seven Springs Water Limited Proceeding Increase in Contributions in Aid of Construction and Accumulated Amortization

Line No. 1 2 3	CIAC Projected increase in ERC's to end of 2009 Water service availability charge per ERC		Projected Additions 1,335 3,000	Schedule Reference
4	Projected increase in CIAC	\$	4,005,000	
5 6 7 8 9	Accumulated amortization Projected 2007 increase in CIAC (87 ERC's @ \$3,000) Composite 2006 amortization rate Projected accumulated amortization Years to 12-31-09 using half-year convention	\$	261,000 <u>3.89%</u> 10,153 2.5	18
10	Accumulated amortization of 2007 CIAC additions		25,382	
11 12 13 14	Projected 2008 increase in CIAC (793 ERC's @ \$3,000) Composite 2006 amortization rate Projected accumulated amortization Years to 12-31-09 using half-year convention		2,379,000 <u>3.89%</u> 92,543 1.5	18
15	Accumulated amortization of 2008 CIAC additions		138,815	
16 17 18 19	Projected 2009 increase in CIAC (455 ERC's @ \$3,000) Composite 2006 amortization rate Projected accumulated amortization Years to 12-31-09 using half-year convention		1,365,000 <u>3.89%</u> 53,099 0.5	18
20	Accumulated amortization of 2008 CIAC additions		26,549	
21	Total additional accumulated amortization of CIAC	\$	190,747	
22 23 24	Annual Amortization Total additional CIAC Composite 2006 amortization rate	\$	4,005,000 <u>3.89%</u>	
25	Annual amortization - 2009	<u>\$</u>	155,795	

### Aloha Utilities, Inc Seven Springs Water Limited Proceeding Projected Meters / Customers, ERC's and Gallons Sold Year Ending December 31, 2009

Line <u>No.</u> 1 2	Meters & ERC's Residential 5/8 X 3/4"	2007 <u>Meters</u> 11,853	Projected 2009 <u>Meters</u> 12,823	Increase Thru 2009	Projected 2009 ERC's	Projected ERC Increase
3 4 5 6 7 8 9 10 11	Commercial 5/8 X 3/4" 1" 1-1/2" 2" 3" 4" 6" 8"	274 99 30 34 2 3 11 1	320 122 37 37 3 2 13 1	46 23 7 3 1 - 2	320 305 185 296 48 50 650 80 145	46 58 35 24 16 - 100
13 14	Total Commercial	<u>455</u> 12,308	536 13,359	1,051	2,079	<u>279</u> <u>1,249</u>
15 16 17	Gallons sold (000) Total gallons sold	2007 1,083,480	Projected 2009 1,368,000	Projected Increase 284,520		

#### Aloha Utilities, Inc Seven Springs Water Limited Proceeding Projected Meters / Customers and ERC's by Year December 31, 2006 Through December 31, 2009

Line <u>No.</u> 1 2	Meters & ERC's Residential 5/8 X 3/4"	2006 <u>Meters</u> 11.912	2006 ERC's 11,912	Actual 2007 Meters 11,853	2007 Meter Increase (59)	2007 ERC's 11,853	Projected 2008 Meters	2008 Meter Increase 615	Projected 2008 ERC's	Projected 2009 Meters 12,823	2009 Meter Increase	Projected 2009 ERC's 12,823	Total 2007-2009 Projected ERC Increase
3	Commercial												
4	5/8 X 3/4"	255	255	274	19	274	297	23	297	320	23	320	46
5	1"	93	233	99	6	248	112	13	280	122	10	305	58
6	1-1/2"	26	130	30	4	150	33	3	165	37	4	185	35
7	2"	30	240	34	4	272	35	1	280	37	2	296	24
8	3"	2	32	2	-	32	2	~	32	3	1	48	16
9	4"	4	100	3	(1)	75	3	-	75	2	-	50	-
10	6"	11	550	11	-	550	13	2	650	13	-	650	100
11	8"	1	80	1	•	80	1	-	80	1	-	80	-
12	10"	1	145	1		145	1	-	145	1		145	
13	Total Commercial	423	1,765	455	32	1,826	497	42	2,004	536	40	2,079	279
14	Total	12,335	13,677	12,308	(27)	13,679	12,965	657	14,472	13,359	395	14,902	1.249

Note: Total CIAC for through 2009 is based on 1249 new ERC's from 2007 through 2009 Plus 86 Commercial ERC's added in 2007 = 1335

# Aloha Utilities, Inc. Seven Springs Water Limited Proceeding Schedule of Projected Revenue at Current Rates Year Ending December 31, 2009

Line		No. Bills/	Current	Annualized
No.		Gallons	<u>Rates</u>	Revenue
1	Residential			
2	Base facility charges	153,876	\$ 4.47	\$ 687,826
3	Gallons sold - 0 - 10,000 gallons (000)	871,217	1.53	1,332,961
4	Gallons sold - over 10,000 gallons (000)	319,784	1.90	607,589
5	Total residential			2,628,376
6	General Service			
7	Base facility charges:			
8	5/8 x 3/4"	3,840	4.47	17,165
9	1"	1,464	11.18	16,368
10	1-1/2"	444	22.38	9,937
11	2"	444	35.79	15,891
12	3"	36	71.60	2,578
13	4"	24	111.87	2,685
14	6"	156	223.73	34,902
15	8"	12	357.95	4,295
16	10"	12	514.56	6,175
17	Total general service base facility charges	6,432		109,994
18	Gallons sold (000)	177,000	1.67	295,590
19	Total general service			405,584
20	Total annualized revenue			\$ 3,033,960

Aloha Utilities, Inc.
Seven Springs Water Limited Proceeding
Revenue Increase Excluding Chloramination Costs
Based on Lower Growth Projections 1-8-08



# Aloha Utilities, Inc. Seven Springs Water Limited Proceeding Summary of Revenue Required for Taking Purchased Water Excluding Capital Costs of Chloramination Facility Upgrade

Line No.		Revenue Components
1	Increase in operating income - Capital tie-in facilities only	\$ 182,345
2	Increase in operating expenses:	
3	O&M	3,380,379
4	Depreciation expense on tie-in facilities & County capacity charges	191,636
5	Amortization of CIAC	(88,336)
6	Taxes other than income (payroll & tie-in labor)	21,960
7	Total increase in operating expenses	3,505,639
8	Total increase in operating income & expenses before Regulatory	
9	Assessment Fees (RAF's)	3,687,984
10	Divide by factor for RAF's	0.955
11	Total revenue requirement excluding chloramination capital costs	\$ 3,861,764

# Aloha Utilities, Inc. Seven Springs Water Limited Proceeding Revenue Required for Taking Purchased Water Excluding Capital Costs of Chloramination Facility Upgrade

Line <u>No.</u>			Special Report Schedule Reference
1 2	(A) Capital Costs & Rate of Return Plant		<u> </u>
3	Estimated cost of tie-in facilities Capacity Charges paid to Pasco County for 2.4 mgd	\$ 903,593 4,136,675	12 11
5	Total capital tie-in costs	\$5,040,268	
6 7	Actual cost of chloramination system 43.30% Total tie-in costs per above 56.70%	\$ 3,848,657 5,040,268	6
8	Total capital costs in Company filing 100.00%	\$ 8,888,925	
9 10 11	CIAC Total CIAC per Company filing Percent related to capital tie-in costs	\$ 4,005,000 <u>56.70%</u>	17
12	CIAC related to capital tie-in facilities	\$ 2,270,835	
13 14 15	Accumulated Amortization of CIAC Total accumulated amortization per Company filing Percent related to tie-in facilities	\$ 190,747 56.70%	17
16	Accumulated amortization of CIAC related to capital tie-in facilities	\$ 108,154	
17 18 19	Accumulated Depreciation Accumulated depreciation on Pasco County capacity charges Accumulated depreciation on capital tie-in costs	\$ (248,201) (39,254)	13
20	Accumulated depreciation related to tie-in costs	<u>\$ (287,455)</u>	
21 22 23 24 25	Net Investment and Rate of Return Total capital tie-in costs Accumulated depreciation CIAC related to tie-in Accumulated amortization of CIAC related to tie-in costs	\$ 5,040,268 (287,455) (2,270,835) 108,154	
26 27	Net Investment in tie-in facilities Rate of return requested per Company filing	2,590,132 <u>7.04%</u>	16
28	Rate of return (operating income) required on capital tie-in costs	\$ 182,345	

# Aloha Utilities, Inc. Seven Springs Water Limited Proceeding Revenue Required for Taking Purchased Water Excluding Capital Costs of Chloramination Facility Upgrade

Line <u>No.</u> (E	s) Operating Expenses	Special Report Schedule <u>Reference</u>
1 2 3	O&M Additional labor cost - chloramination Additional labor cost - tie in facilities	\$ 99,685 14 - line 6, Pg. 1 12,486 14 - line 14, Pg. 3
4	Total additional labor cost	112,171
5 6	Additional employee pension & benefits - chloramination Additional employee pension & benefits - tie-in	41,140 14 - line 10, Pg. 1 5,153 14-line 18, Pg. 3
7	Total additional employee benefits	46,293
8	Purchased water costs	
9 10	Purchased power - chloramination Purchased power - tie-in	(39,073) 14 - line 21, Pg. 1 26,937 14 - line 20, Pg. 3
11	Total decrease in purchased power	(12,136) 14 - line 3, Pg. 1
12	Additional chemicals - chloramination	27,626
13 14	Additional materials & supplies maintenance - chloramination Additional materials & supplies maintenance - tie-in	12,500 14 - line 8. Pg. 2 11,785 14 - line 22, Pg. 3
15	Total additional materials & supplies - maintenance	24,285
16	Additional contract services - testing - chloramination	66,952 14 - line 18, Pg. 2
17	Additional contract services - other maintenance - chloramination	122,845 14 - line 29, Pg. 2
18	Total additional O&M expense	\$ 3,380,379
19 20	<u>Depreciation Expense</u> Depreciation Expense - Pasco County Capacity charges & tie-in	\$ 191,636 13 - lines 9&18
21 22 23	Amortization of CIAC  Total amortization - chloramination & tie-in facilities  Percentage related to tie-in facilities (page 1 this schedule)	\$ 155,795 17, line 25 56.70%
24	CIAC amortization related to tie-in facilities	\$ 88,336

### Aloha Utilities, Inc.

## Seven Springs Water Limited Proceeding Revenue Required for Taking Purchased Water Excluding Capital Costs of Chloramination Facility Upgrade

Line	(B)	Operating Expenses		Special Report Schedule <u>Reference</u>
1 2		Taxes Other Than Income Additional payroll taxes - chloramination	\$ 7,626	14 - line 41, Pg. 2
3		Additional payroll taxes - tie-in	955	14 - line 28, Pg. 3
4		Total additional payroll taxes	8,581	
5		Additional property taxes - tie-in plant only	13,379	14 - line 33, Pg. 3
6		Total additional taxes other than income	<u>\$ 21,960</u>	

Aloha Utilities, Inc. Seven Springs Water Limited Proceeding Revenue Increase Excluding Chloramination Costs Based on Lower Growth Projections 1-8-08



### Aloha Utilities, Inc. Seven Springs Water Limited Proceeding Schedule of Present and Proposed Rates

Line <u>No.</u>		Present <u>Rates</u>	Proposed <u>Increase</u>	Proposed <u>Rates</u>
1	Residential			
2	Base facility charges ( 80.33% increase)			
3	5/8 x 3/4"	\$ 4.47	•	\$ 8.06
4	3/4"	6.70	5.38	12.08
5	1"	11.18	8.98	20.16
6	1-1/2"	22.38	17.98	40.36
7	Gallonage Charges (\$ 2.35 increase)			
8	Gallonage charge - 0 - 10,000 gallons	1.53	2.35	3.88
9	Galionage charge - over 10,000 gallons	1.90	2.35	4.25
10	General Service			
11	Base facility charges ( 80.33% increase)			
12	5/8/ x 3/4"	4.47	3.59	8.06
13	1"	11.18	8.98	20.16
14	1-1/2"	22.38	17.98	40.36
15	2"	35.79	28.75	64.54
16	3"	71.60	57.52	129.12
17	4"	111.87	89.87	201.74
18	6"	223.73		403.45
19	8"	357.95	287.54	645.49
20	10"	514.56		927.91
_•				
21	Gallonage charge per 1,000 gallons( \$ 2.35 increase)	1.67	2.35	4.02

### Aloha Utilities, Inc Seven Springs Water Limited Proceeding Calculation of Percentage Rate Increase And Increase to the Gallonage Charges

Line No. 1 2 3 4	(A)	Allocation of Revenue Requirement Total proposed revenue increase Total cost of purchased water from Pasco County Divide by factor for Regulatory Assessment Fees	\$ 3,075,928 0.955	\$ 3,861,764
5		Total Purchased water cost in proposed revenue increase	\$ 3,220,867	 (3,220,867)
6		Proposed revenue increase related to base facility charges		\$ 640,897
7 8 9	(B)	Percentage increase in Base Facility Charges  Total annualized revenue - existing rates  Less annualized gallonage revenue - existing rates		\$ 3,033,960 (2,236,140)
10		Annualized base facility charge revenue - existing rates		\$ 797,820
11		Total proposed base facility charge increase		\$ 640,897
12		Divide by annualized base facility charge revenue		\$ 797,820
13		Percentage increase in base facility charges		80.33%
14 15	(C)	Increase in Gallonage Charges Proposed increase to gallonage charges		\$ 3,220,867
16		Divide by projected gallons sold (000)		 1,368,000
17		Proposed gallonage charge increase		\$ 2.35

#### Aloha Utilities, Inc.

## Seven Springs Water Limited Proceeding Summary of Revenue Required for Taking Purchased Water Excluding Capital Costs of Chloramination Facility Upgrade

Line <u>No.</u> 1	Increase in operating income - Capital tie-in facilities only	Revenue Components \$ 182,345
2	Increase in operating expenses:	
3	O&M	3,380,379
4	Depreciation expense on tie-in facilities & County capacity charges	191,636
5	Amortization of CIAC	(88,336)
6	Taxes other than income (payroll & tie-in labor)	21,960
7	Total increase in operating expenses	3,505,639
8	Total increase in operating income & expenses before Regulatory	
9	Assessment Fees (RAF's)	3,687,984
10	Divide by factor for RAF's	0.955
11	Total revenue requirement excluding chloramination capital costs	\$ 3,861,764

## Aloha Utilities, Inc. Seven Springs Water Limited Proceeding Revenue Required for Taking Purchased Water Excluding Capital Costs of Chloramination Facility Upgrade

Line <u>No.</u>			Special Report Schedule Reference
1	(A) Capital Costs & Rate of Return		
2 3	<u>Plant</u> Estimated cost of tie-in facilities	\$ 903,593	12
4	Capacity Charges paid to Pasco County for 2.4 mgd	4,136,675	11
5	Total capital tie-in costs	\$ 5,040,268	
6	Actual cost of chloramination system 43.30%	\$ 3,848,657	6
7	Total tie-in costs per above <u>56.70%</u>		
8	Total capital costs in Company filing 100,00%	\$8,888,925	
9	CIAC		
10	Total CIAC per Company filing	\$4,005,000	17
11	Percent related to capital tie-in costs	<u>56.70%</u>	
12	CIAC related to capital tie-in facilities	\$ 2,270,835	
13	Accumulated Amortization of CIAC		
14	Total accumulated amortization per Company filing	\$ 190,747	17
15	Percent related to tie-in facilities	<u>56.70%</u>	
16	Accumulated amortization of CIAC related to capital tie-in facilities	\$ 108,154	
17	Accumulated Depreciation		
18	Accumulated depreciation on Pasco County capacity charges	\$ (248,201)	13
19	Accumulated depreciation on capital tie-in costs	(39,254)	
20	Accumulated depreciation related to tie-in costs	\$ (287,455)	
21	Net Investment and Rate of Return		
22	Total capital tie-in costs	\$5,040,268	
23	Accumulated depreciation	(287,455)	
24 25	CIAC related to tie-in  Accumulated amortization of CIAC related to tie-in costs	(2,270,835)	
20	Accumulated amortization of CIAC felated to tie-ill costs	108,154	
26	Net Investment in tie-in facilities	2,590,132	
27	Rate of return requested per Company filing	<u>7.04%</u>	16
28	Rate of return (operating income) required on capital tie-in costs	\$ 182,345	

### Aloha Utilities, Inc.

## Seven Springs Water Limited Proceeding Revenue Required for Taking Purchased Water Excluding Capital Costs of Chloramination Facility Upgrade

Line	(B)	Operating Expenses		Special Report Schedule <u>Reference</u>
1 2 3		O&M Additional labor cost - chloramination Additional labor cost - tie in facilities		14 - line 6, Pg. 1 14 - line 14, Pg. 3
4		Total additional labor cost	112,171	
5 6		Additional employee pension & benefits - chloramination Additional employee pension & benefits - tie-in		14 - line 10, Pg. 1 14-line 18, Pg. 3
7		Total additional employee benefits	46,293	
8		Purchased water costs	2,992,343	14 - line 18, Pg. 1
9 10		Purchased power - chloramination Purchased power - tie-in	, , ,	14 - line 21, Pg. 1 14 - line 20, Pg. 3
11		Total decrease in purchased power	(12,136)	14 - line 3, Pg. 1
12		Additional chemicals - chloramination	27,626	
13 14		Additional materials & supplies maintenance - chloramination Additional materials & supplies maintenance - tie-in		14 - line 8. Pg. 2 14 - line 22, Pg. 3
15		Total additional materials & supplies - maintenance	24,285	
16		Additional contract services - testing - chloramination	66,952	14 - line 18, Pg. 2
17		Additional contract services - other maintenance - chloramination	122,845	14 - line 29, Pg. 2
18		Total additional O&M expense	\$ 3,380,379	
19 20		<u>Depreciation Expense</u> Depreciation Expense - Pasco County Capacity charges & tie-in	\$ 191,636	13 - lines 9&18
21 22 23		Amortization of CIAC Total amortization - chloramination & tie-in facilities Percentage related to tie-in facilities (page 1 this schedule)	\$ 155,795 56.70%	17, line 25
24		CIAC amortization related to tie-in facilities	\$ 88,336	

### Aloha Utilities, Inc.

## Seven Springs Water Limited Proceeding Revenue Required for Taking Purchased Water Excluding Capital Costs of Chloramination Facility Upgrade

Line	(B) Operating Expenses		Special Report Schedule <u>Reference</u>
1 2 3	<u>Taxes Other Than Income</u> Additional payroll taxes - chloramination Additional payroll taxes - tie-in		14 - line 41, Pg. 2 14 - line 28, Pg. 3
4	Total additional payroll taxes	8,581	
5	Additional property taxes - tie-in plant only	13,379	14 - line 33, Pg. 3
6	Total additional taxes other than income	<u>\$ 21,960</u>	

### **Marty Deterding**

From:

Marty Deterding

Sent:

Wednesday, January 09, 2008 12:53 PM

To:

'BFletche@PSC.STATE.FL.US'

Subject:

Aloha - Additional Schedules for Purchased water

Attachments: \_0109123643\_001.pdf; Aloha Utilities, Inc. - Porter Updated Projections 1-4-08.pdf

#### Bart

As a follow up to my letter and email yesterday evening. I am sending you two additional things. The first is a revised Exhibit C from yesterday evenings email & attachments. The only thing added is a single schedule of the rates Bob calculated EXCLUDING Chloramination capital costs, but using on the updated actual 2007 growth. The remaining schedules are the same as sent to you yesterday just relabeled to note that the rates are "Schedule 1" of this Exhibit. I sent you the underlying revenue requirement schedules yesterday.

I sent the rates he had calculated WITH ALL capital costs and the updated actual 2007 growth info with the Exhibit B group of schedules. That Exhibit included the rates.

The second attachment is a group of underlying schedules calculating growth using the same regression model as originally used but with the updated actual 2007 growth. These were prepared by Mr Porter and were used as the basis for growth projections included in both Exhibit B & C

Let me know if you have any questions

F. Marshall Deterding, Esquire Rose, Sundstrom & Bentley, LLP 2548 Blairstone Pines Drive Tallahassee, Florida 32301

(850) 877-6555 Phone (850) 656-4029 Fax

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Thank you.

### **Aloha Utilities**

### P&P Water Quantity Required December 31, 2008

Item	Quantity Required
Projected-Linear (Millions of Gallons/Year)	1497
Total P&P Water Quantity Required (Millions of Gallons/Day)	4.10
Available Per SWFWMD WUP (Millions of Gallons/Day)	2.04
Purchased Bulk Water Quantity Required (Millions of Gallons/Day)	2.06

## P&P Water Quantity Required December 31, 2009

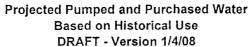
Item	Quantity Required
Projected-Linear (Millions of Gallons/Year)	1581
Total P&P Water Quantity Required (Millions of Gallons/Day)	4.33
Available Per SWFWMD WUP (Millions of Gallons/Day)	2.04
Purchased Bulk Water Quantity Required (Millions of Gallons/Day)	2.29

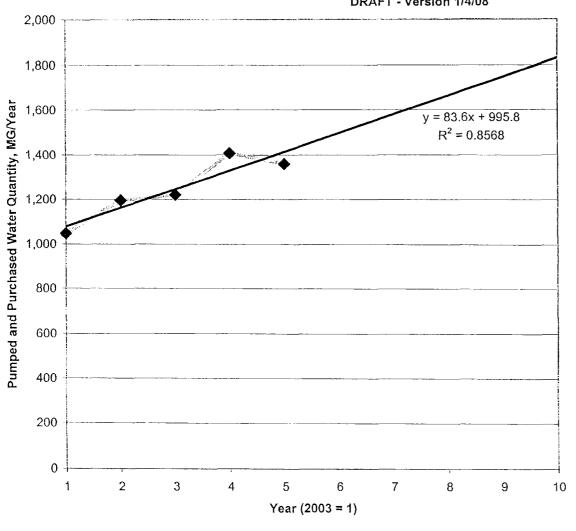
## **Aloha Utilities - Pumped and Purchased Water**

Historical: 2003-2007 Projected: 2008-2009

Report Period	2003	2004	2005	2006	2007	2008	2009
Total Pumped/Purchased	1,048	1,196	1,221	1,408	1,360	1,497	1,581

Notes: All values in MG





- Pumped and Purchased Water Quantity
  MG/Year
  - Linear (Pumped and Purchased Water (Quantity MG/Year

#### DRAFT - Version 1/4/08

### **Aloha Utilities**

### Projected Residential Quantity of Water To Be Sold December 31, 2008

Item	Quantity Required
Projected Water Sold-Linear (Millions of Gallons per Year)	1128
Average Projected Water to Be Sold (Millions of Gallons/Day)	3.09

### Projected Residential Quantity of Water To Be Sold December 31, 2009

Item	Quantity Required
Projected Water Sold-Linear (Millions of Gallons per Year)	1191
Average Projected Water to Be Sold (Millions of Gallons/Day)	3.26

#### Aloha Utilities - Residential Water Sold

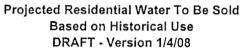
Historical: 2003-2007 Projected: 2008-2009

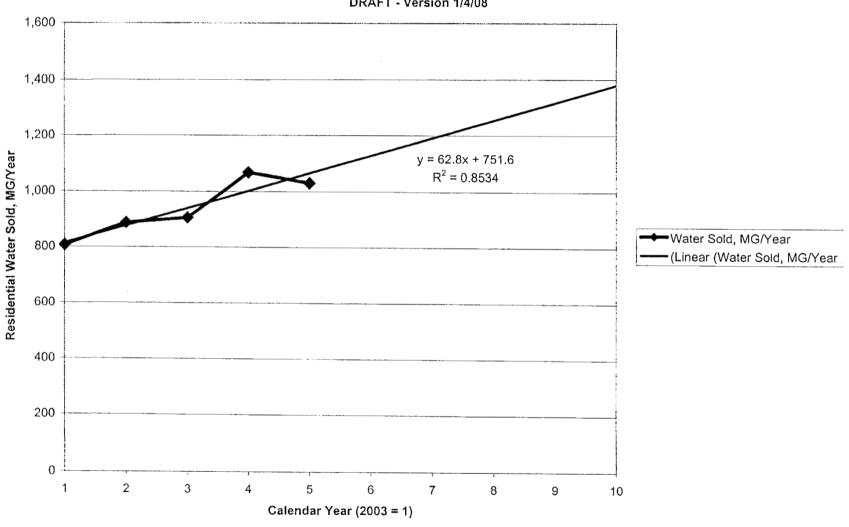
Report Period	2003	2004	2005	2006	2007	2008	2009
Water Sold	807	888	906	1,068	1,031	1,128	1,191

Notes: All values in MG

At the date of preparation, the December 2007 water sold values were not available so the 2007 yearly value above includes an estimated December residential sold quantity. The December 2007 residential water sold quantity was estimated by taking the December 2007 pumped and purchased water quantity, subtracting 10% for water loss and then applying the ratio of the 2006 residential water sold to the total water sold

and then adding this quantity to the January through November 2007 residential water sold values.





#### Aloha Utilities - Commercial Water Sold

Historical: 2003-2007 Projected: 2008-2009

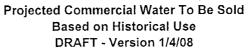
Report Period	2003	2004	2005	2006	2007	2008	2009
Water Sold	112	125	124	155	151	166	177

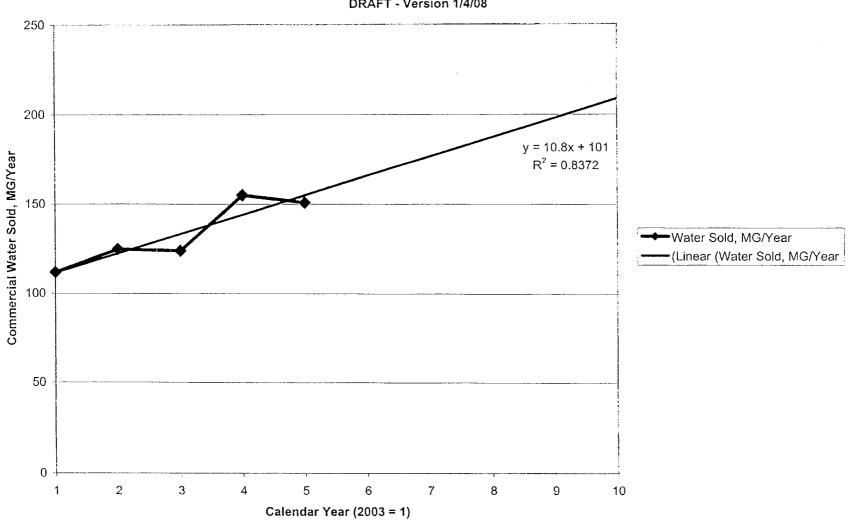
Notes: All values in MG

At the date of preparation, the December 2007 water sold values were not available

so the 2007 yearly value above includes an estimated December commercial sold quantity. The December 2007 commercial water sold quantity was estimated by taking the December 2007 pumped and purchased water quantity, subtracting 10% for water loss and then

applying the ratio of the 2006 commercial water sold to the total water sold





## Aloha Utilities

# Projected Commercial Quantity of Water To Be Sold December 31, 2008

Item	Quantity Required
Projected Water Sold-Linear (Millions of Gallons per Year)	166
Average Projected Water to Be Sold (Millions of Gallons/Day)	0.45

## Projected Commercial Quantity of Water To Be Sold December 31, 2009

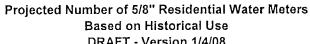
Item	Quantity Required
Projected Water Sold-Linear (Millions of Gallons per Year)	177
Average Projected Water to Be Sold (Millions of Gallons/Day)	0.48

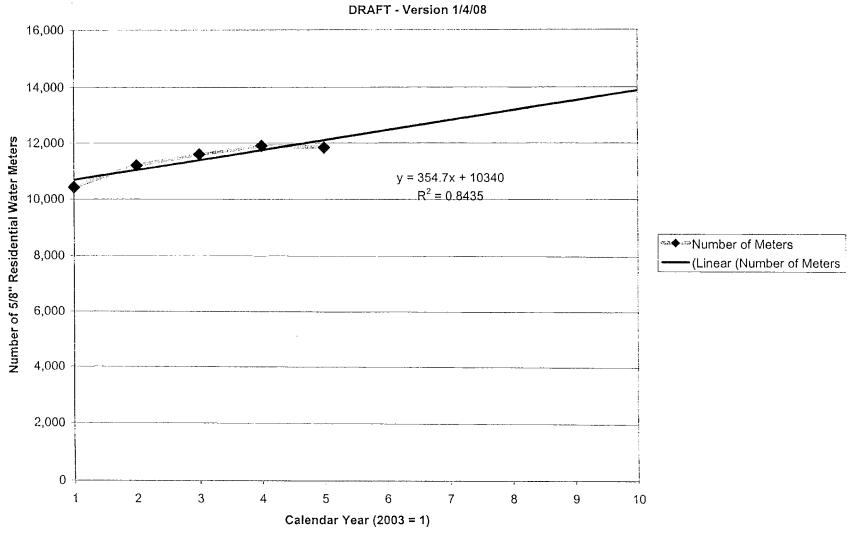
#### Aloha Utilities - Number of 5/8" Residential Water Meters

Historical: 2003-2007

Projected: 2008-2009

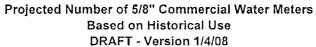
Report Period	2003	2004	2005	2006	2007	2008	2009
Number of 5/8" Residential Meters	10,427	11,217	11,610	11,912	11,853	12,468	12,823

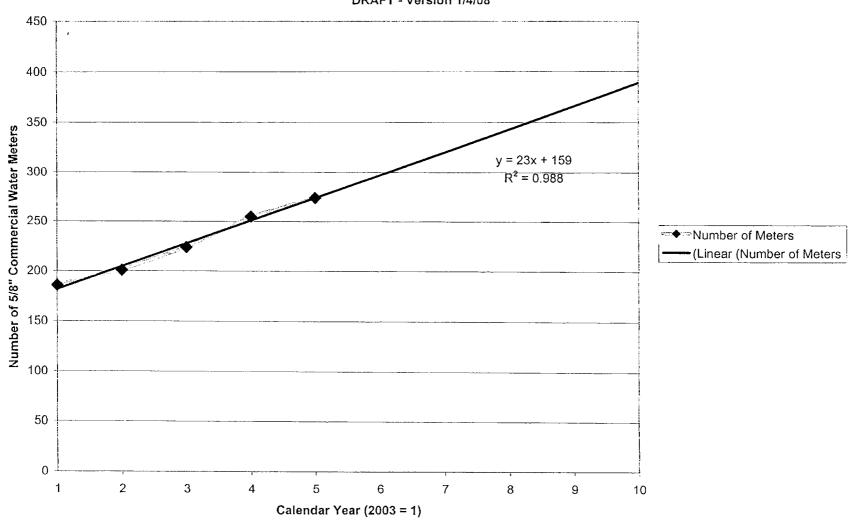




## Aloha Utilities - Number of 5/8" Commercial Water Meters

Report Period	2003	2004	2005	2006	2007	2008	2009
Number of 5/8" Commercial Meters	186	201	224	255	274	297	320

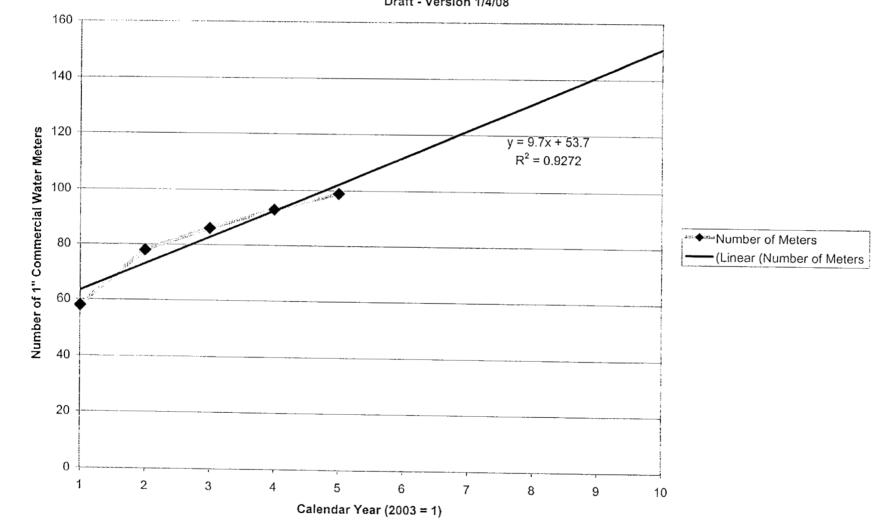




## Aloha Utilities - Number of 1" Commercial Water Meters

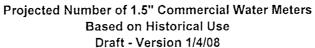
Report Period	2003	2004	2005	2006	2007	2008	2009
Number of 1" Commercial Meters	58	78	86	93	99	112	122

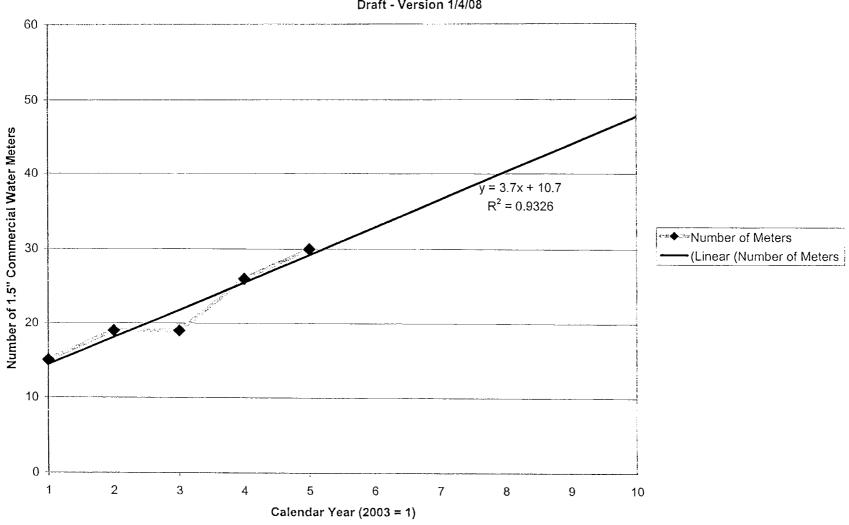




#### Aloha Utilities - Number of 1.5" Commercial Water Meters

Report Period	2003	2004	2005	2006	2007	2008	2009
Number of 1.5" Commercial Meters	15	19	19	26	30	33	37

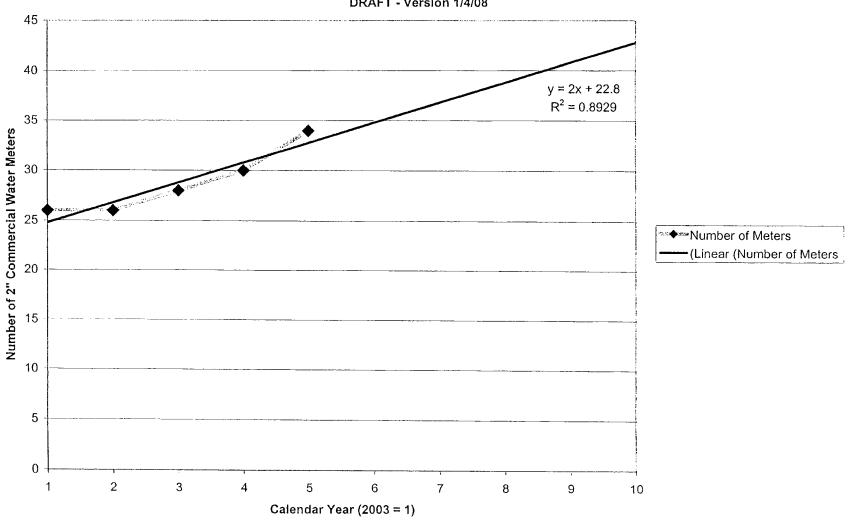




#### **Aloha Utilities - Number of 2" Commercial Water Meters**

Report Period	2003	2004	2005	2006	2007	2008	2009
Number of 2" Commercial Meters	26	26	28	30	34	35	37

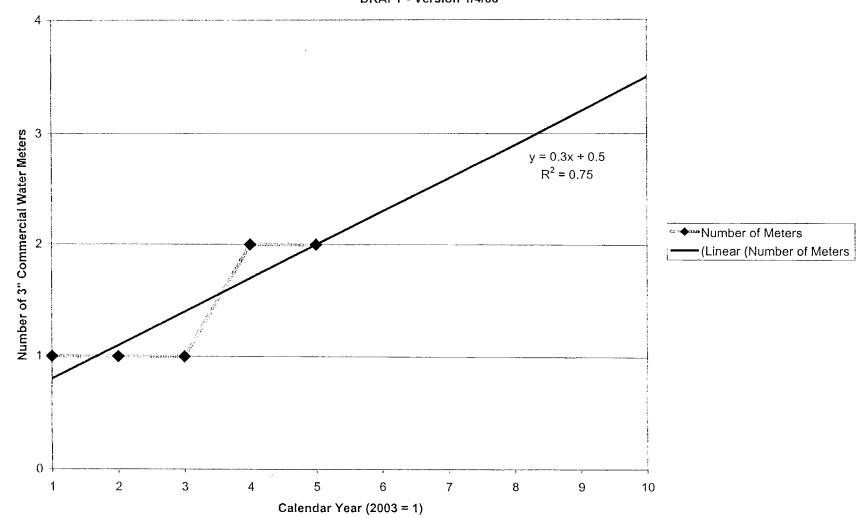




## Aloha Utilities - Number of 3" Commercial Water Meters

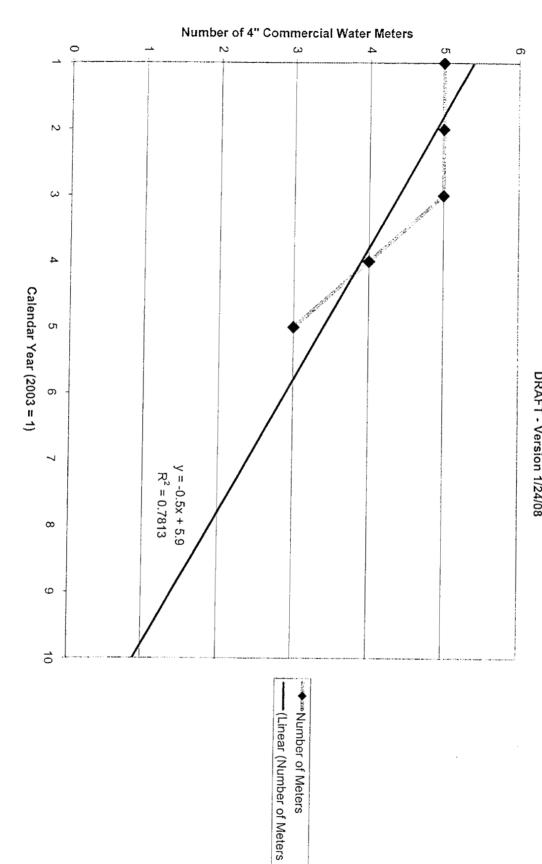
Report Period	2003	2004	2005	2006	2007	2008	2009
Number of 3" Commercial Meters	1	1	1	2	2	2	3

Projected Number of 3" Commercial Water Meters
Based on Historical Use
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#### **Aloha Utilities - Number of 4" Commercial Water Meters**

Report Period	2003	2004	2005	2006	2007	2008	2009
Number of 4" Commercial Meters	5	5	5	4	3	3	2

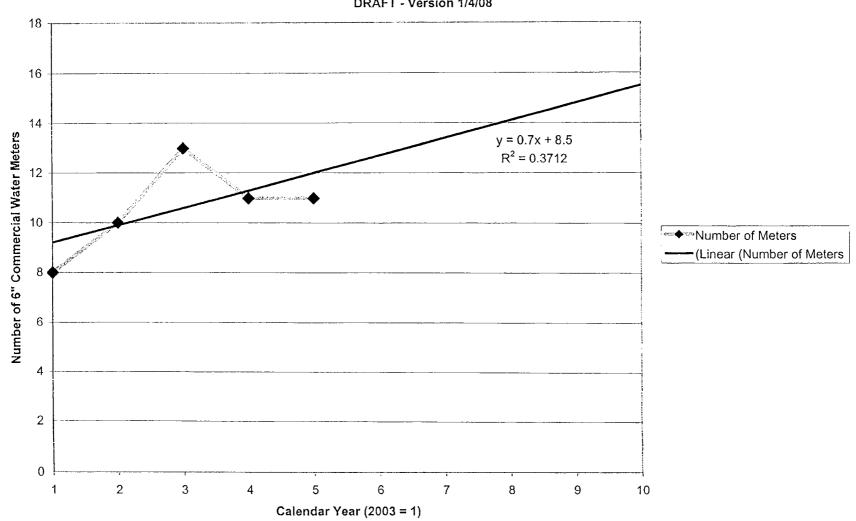


Projected Number of 4" Commercial Water Meters
Based on Historical Use
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#### Aloha Utilities - Number of 6" Commercial Water Meters

Report Period	2003	2004	2005	2006	2007	2008	2009
Number of 6" Commercial Meters	8	10	13	11	11	13	13

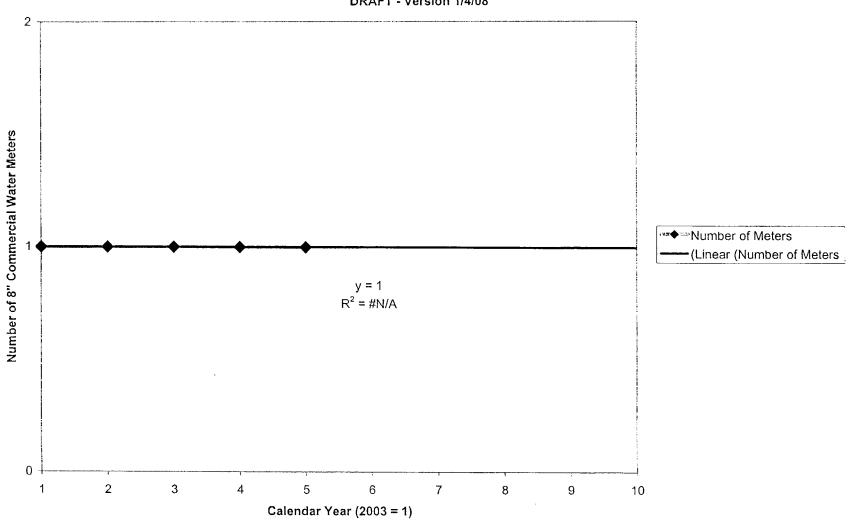
# Projected Number of 6" Commercial Water Meters Based on Historical Use DRAFT - Version 1/4/08



#### **Aloha Utilities - Number of 8" Commercial Water Meters**

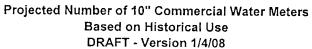
Report Period	2003	2004	2005	2006	2007	2008	2009
Number of 8" Commercial Meters	1	1	1	1	l l	1	1

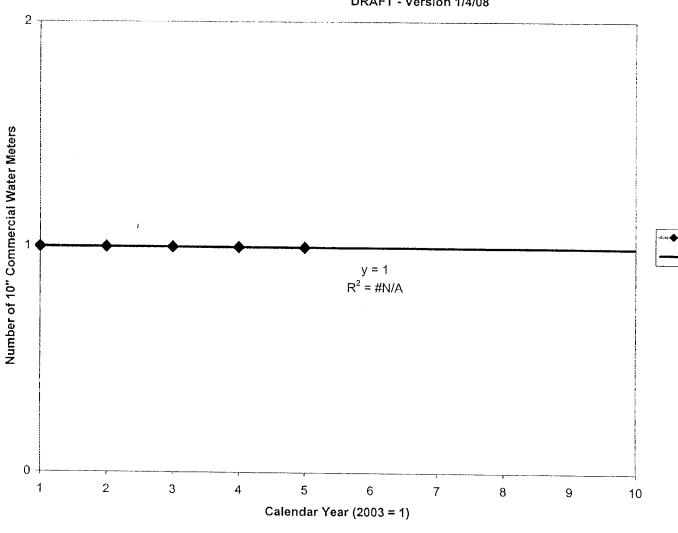




# Aloha Utilities - Number of 10" Commercial Water Meters

				l			
Report Period	2003	2004	2005	2006	2007	2008	2009
Number of 10" Commercial Meters	1	1	1	1	1	1	1





Number of Meters

(Linear (Number of Meters