04331 MAY 22 8 FPSC-COMMISSION CLERK

DOCUMENT NUMBER-DATE

SEMINOLE COUNTY

Chuluota WTF

Docket No. 080121-WS

Application to Increase Rates and Charges For a "Class A" Utility In

Florida

Volume 5 Book 2 Set 13 of 16

Part 1 of 2

Containing:

Monthly Operating Reports
Sample Results
Permits
Correspondence

Aqua Utilities Florida, Inc.



See Pages 4 for Instru	uctions							
. General information		ear of Jan	ary, 2007					
A. Public Water System								
PWS Name:	Chuluota					PWS Identification Number	3590186	
PWS Type:	∠ Community	✓ Non-Transient Non-	Community	Translent Non-Comr	nunity	Consecutive		
Number of Service Connect				· · · · · · · · · · · · · · · · · · ·		Population Served at End of	Month: 4,574	
	Aqua Utilities Florid			<u> </u>				
Contact Person	William Trendel				Conta	ct Person's Title:	Senior Operator	
Contact Person's Mailing Ac	ddress;	140 Hope Street			City: Longwood	State: Florida	Zip Code: 32750	
Contact Person's Telephone	Number:	(407) 339-5424'			Conta	ct Person's Fax Number;	(407) 339-7490	
Contact Person's H-Mail Ad		betrendel@aquaame	rica.com					
B. Water Treatment Pla	nt Information							
Plant Name:	Chuluota					Plant Telephone Number:	(407) 339-5424	
Plant Address:	118 7th Street				City: Chuluota	State: Florida	Zip Code: 32766	
Type of Water Treatment by		Raw Ground Water	Purch	ased Finished Water				
Permitted Maximum Day O				1,800,000				
Plant Category (per subsecti			١٧			lass (per subsection 62-699.3		********
Elsensed Operators		Name	Was a state of				(S) ASDITION WORKER SET THE	
Lead/Chief Operators	William Trendel	<u> </u>		C	6411	Days 1st Shift		
Offier Operators!			<u> </u>		·			
	Terrence McCarthy	<u> </u>		C	4617	Days 1st Shift		
		<u></u>	·	· · · · · · · · · · · · · · · · · · ·	<u>-</u>	<u> </u>		<u> </u>
						· · · · · · · · · · · · · · · · · · ·		
Park No. 2			····				<u> </u>	
30		· · · · · · · · · · · · · · · · · · ·						
			 					
A 1		i 6						
	<u></u>					<u> </u>		
Il Certification by Lead	/Chief Operator	•						
			orida, am the l	ead/chief operator of the	water treatment n	lant identified in part I	of this report. I certify that the	
							icals used at this plant conform to	NSE
							nal operations records for this pla	
							cals used and chemical feed rates	
					these additional o	perations records to die	PWS owner so the PWS owner	can
retain them, together w	vith copies of this	report, at a convenient	location for at	least ten years.	-		•	
, ۱	. , / .) ortentam						
Chillia	1 Sich	V 8/1101	Will	liam Trendel			C6411	
Signature and Date	- -		MY KILLMER	ted or Typed Name			License Number	-
		DOCUME	ME MONDE			*		
DEP Form 62-555 900(3)A	Mernate	0.1.	OO I MAY	1 22 8 Page 1				
		U 4	331 HA) CC 0				

FPSC-COMMISSION CLERK

		n Number:		3590186		Plant Name:	Chuluota, P	lant#1						ISTICO WATER
			lonth/Year			January, 2007								
Means o	f Achievii	ng Four-Log	g Virus Inactiv	ation/Remov	al: ▽ Free C	hlorine C	Chlorine D	iovide	Corone	Com			· · ·	
T UH	raviolet R	udiation		r (Describe):		,	Cinotale D	MAIGC) Ozone	Com	oined Chlori	ne (Chlora	mines)	
Type of	f Disinfee	ctant Resid	Acces A Cartina C			₩ Free Chle	rine [Combin	ed Chlorine	(Chloramine		Chlorine	N. 11	
7 J. J.			100	real and the property	outon System.	THE CHICAGO	THE T	MOST SALES	Service Service	ede a sector	roj. j Iostoren esta	Chlorine	Dioxide	Equipment of Audiomal Spending Cheditors Repeat of Countries and Countri
- 74		1	1	47			Demonate.	kont-rol	(- A ti ne riber	aivation, it-	Applicable		LEA A.Y.	
18		1000		70 70			MINION FAS		Tight of the	to applied that the	· · · · · · · · · · · · · · · · · · ·	Dose 🚈	M. Tax in A	
		基	Su	3. J. 1944			LONDU CT		Pr.				加速	
		0.00	***			Dimminorani	"Provided	100	ariae a Ludi			20.0		
14.77	TELE CLEAN		1		Loves Raddua	Collect Time	Belose of a		海 克公司		17.44.4		James Residual	
1	visitod tiv	14	of Kinished	4.0					44.	L. 18 18 18 18 18 18 18 18 18 18 18 18 18	4	Minimum	Cantellan	
ta a	Operator	Hours blant	Wale			A CONTRACTOR OF THE CONTRACTOR			100 C	Minimilla	Compression	Demiles	Chicantistion at	Eulergency of Abdormal Operating
、加量	Place	in *	Producted	Peak Floth	Customer During			tempot	oil of Water	Remirred mo	NV Dose			Conditions Repail of Maintenance Work to
Mortin	(30X)	Operation	go!	r Rate, apd	Max low logs	planes	tant.	Water OC	if Applicable	mayL	mW-sec/cm²	sec/cm ²		
	- X	24.0	126,700		1,4					1		G. S.	1.0	
22.63	X	24.0	83,200		11.4	4						£5 ,	1.2	······································
311	X	24.0 24.0	73,100		1.6	· · · · · · · · · · · · · · · · · · ·							1.4	
wS.	- ^ _ X	24.0	84,100 85,300	·	1,4			l ——	<u> </u>				1.3	
6	X	24:0	95,700		1.3		ļ <u></u>	 	 		·		1.2	
7.4	- 2	24.0	96,950		1,4				<u> </u>				1.2	
v8	X	24 0	96,950		1.3			 		 				
1224	X ·	24.0	83,000		1.7		<u> </u>		f				1.5	<u> </u>
410	X	24.0	83,500		1.6								1.3	
	X	24.0	95,900		1.5.								1.4	
120	X	24.0	94,400		1.6								1,4	
3133 0142	X	24.0 24.0	103,050											
2353	- Î	24.0	74,600		1.4								1.3	
100	X	24.0	106,000		0.9								1.0	
417.3	X	24.0	94,900		1.5			 					0.8 1.3	
MARK	X	24.0	84,100		1,5								-1.4	
如2座	Х	24.0	94,000		1.8								1.6	
	х	24.0	85,100		1.5								1.4	
1214	×	24.0	107,000									74		
	X	24;0 24.0	107,000		1.4		· · · ·						1.3	
(10 A 165)	$\frac{x}{x}$	24.0	73,100 87,100		1.2			ļ					1.1	
200	- ^	24.0	84,400		1.5							-, -	1:3	
100 mg	. X	24.0	73,900		1.9					 			1.4	
77/2	X	24.0	101,800										1.D	<u> </u>
W. Car	х	24.0	101,800		1.8		62 .						1.6	· · · · · · · · · · · · · · · · · · ·
1899	X	24.0	86,600		2.0	,		:					1.4	
EX.	_X	24.0	103,700		1.9								1,6	
3.1	<u>X</u>	24.0	86,500		1.4								1.2	
otal.			2,856,500 92,145											
(hyinhiin			126 700											

[•] Refer to the instructions for this report to determine which plants must provide this information.

		Number:		3591086		Plant Name:	Chuluota, F	lant # 2						IISHED WATER
tt. Daily	Data	for the M	louth/Year	of:		January, 2007								
Means of Ac	chievin	g Four-Log	Virus Inacti	vation/Remov	al: Free		Chlaries D				· · · · · ·			
Ultravi	olet Ra	adiation	[Oth	er (Describe)	;	Cinorqie j	Chiorine D	ioxide	Ozone	┌ Com	bined Chlor	ine (Chlora	mincs)	
Type of Di	sinfee	tant Resid				EZ F Chi			1011					
			N. Markit St.	1 3 / 2 / 3 / 3 / 3	Transfer System:	Free Chlo	raie /	Combu	ned Chlorine	(Chloramin	es)	Chlorine	Dioxide	
	1.3	11 341	27 . 2		A ASSECUTE GODS VO	TUSY LOSGIAD	Demostate	Four Lo	Virus Inac	tivation, if	Applicable	227	A Fine	
		17.5	i v w re	Melfa e Si		The Circus	Untions .		September 1		₩, UV	Dose 🗚		
				11			Maria CT	2.19	Table 1	210	1. 1. 3.	70.00		
	1		A WAR			PROPERTY.		141	*	1 14 54	14.	1. 50		THE RESERVE OF THE RESERVE OF THE PERSON OF
		1.6	Grandwitz Ting		Advert Statemen	County Time.	Beigre of at		F 48 1 7 12		1 N. G. /X		Dwest Residus	
X (6)		7. 1 1 M	and Englished	1.00				none.	Vicial Control			Minimum	Disinfermu	
May Too		louis plant	Water	15.1			Chrome	100	13 13 3		Lowest	UV Dose.	Concestration (Supremes or Abidintal Sperating
# 83 P. F.	100	de in See	Producted,	Reak Dalie	Acustone Burnel	Pen How		Territor	DH AFWA	Minimum CI	Peraning.	ASSILING.	Remote Point	Condition Resilies National William
Honto (27.34)	(1)	Operation	gai, o	Rate trpo	Post Planting I	minutes 4	16 8 10	Nacy oc	U Applicable	min	LW COL		1 Stattlouping	In olves Taking Water System Confedence
30 W	x .	24.0	260,700		2.2					The state of the sales	1 11 15 15 00 011	A SHOREHOUSE	1.3	Apringency or Apparent Persons Conditions Alexander Valuations and Apparent Conditions along the Apparent Conditions along the Apparent Conditions and Condi
	X	24.0	339,000 185,600	,,,	2.0							·,	1.4	
11.5	x -	24.0	294,900		2,2								1.4	
	X	24.0	264,100	 	2.0			 					1.8	
	X	24.0	276,100		2.5				,				1.4	
	X	24.0	340,650					ļ:					1.7	
	X	24.0	340,650		2.9			 -		:	·			
	Χ	24.0	209,800		0.9						<u></u>		0.8	
	K T	24.0	314,100 347,900		3.9								2.8	
	-	24.0	253,200		3.6				·				. 2.1	
直数 >		24,0	355,150		3.0					,		·	2.4	
A Y	<	24.0	355,150		0.7						·			
Δį X		24.0	228,100	· · · · ·	1.4				· -				0.7	
igen × χ		24,0	328,300		1.7				· · · · ·				1.0	
X		24.0	277,000		2.8				- :		77		1.8	
A X		24.0 24.0	303,700		2.5						·	· · · · ·	1.8	
000 X		24.0	290,900 296,700		3.0			, ,					2.2	
· X		24.0	348,950		1.9		· · · · · · · · · · · · · · · · · · ·						1.4	
X X		24.0	348,950		3.0	,								
		24.0	199,300		2.9								2.2	
X		24.0	211,500		2.0						-:		2.2	
X X		24.0	194,500		1.8								1.4	
数 X		24.0	195,600		1.6								1.0	
Size X		24.0	295,950 295,950	<u>`</u>										
x		24.0	245,200		2.8								1,5	
X		24.0	244,700		1.5								1.1	
X		24.0	283,500		1.7								1.0	
THE PERSON			8,725,800		1								1.2	
orage -			281,410											
(ibrith	307.015	Strain Strain	3\$5,150											

^{*} Refer to the instructions for this report to determine which plants must provide this information.



ily Finis	shed-Water Prod	fuction for the I	Month/Year of :		January-07	·			 		
munit	y Water System ter System (PWS	(CWS) Name:	Chuluota	25004.00							
C VVa	Didned Masses) identification of	lumber.	3590186 nHant ≰ Name	A CHANGE PRACT	DIAN B Mama	Dinet 7 Marga	Dinni 2 klamb	Diani C Name	Blow to Nama	
	Mant I Name	HISHI & IVAINE	CHAIL O NEITHE		e Mante	mark o Martie	manus Name.	Ligitide Marrial	Telefities (Telifier	INC. CONT. AND CO.	
1				1 .		1			1		
JAK	Plant 1	Plant 2	!					ļ	-		
	Well 1 & 2	Well 3 & 4				<u> </u>		1			
			A . Dales Per	militeksiylekimumi	Day Operating C	pacity of Each, f	lant gallons pe	day A color	· 电电流电流	102.2012.00.0010	
of L	720,000	1,080,000	<u> </u>	<u> </u>							1,800,000
in S				E-Trailed affects	Pinished Water	roduced by Eap	Plant gallons	THE PARTY OF THE	**************************************		a de la constantina della cons
1	126,700	260,700				<u> </u>	<u> </u>				387,400
	83,200	339,000					L		<u> </u>		422,200
4.	73,100	185,600									258,700
الك	84,100	294,900		ļ							379,000
1,50	85,300	264,100	<u> </u>			ļ,,	L	ļ	ļ	<u> </u>	349,400
	95,700	276,100	<u> </u>	<u> </u>	· · · · · · · · · · · · · · · · · · ·			<u> </u>			371,800
èji	96,950	340,650	ļ	<u> </u>							437,600
	96,950	340,650		<u> </u>			<u> </u>	ļ		 _	437,600
	83,000	209,800		 	<u></u>		<u></u> _				292,800
) [83,500	314,100		ļ <u>.</u>		ļ					397,600
	95,900	347,900	ļ	ļ <u></u>							443,800
3	94,400	253,200	ļ	 -			 -	ļ			347,600
).\$\frac{1}{2}	103,050	355,150	ļ	 			L				. 458,200
. (1)	103,050	355,150									458,200
5	74,600	228,100	ļ								302,700
1 1	106,000	328,300		ļ <u>.</u>							434,300
ect.	94,900	277,000		 			<u></u>				371,900
<u>, 2</u> 2.	84,100	303,700				<u> </u>	<u> </u>			<u></u>	387,800
	94,000	290,900	ļ							<u> </u>	384,900
2 (7):	85,100	296,700				<u> </u>					381,800
	107,000	348,950 348,950	 	 						<u> </u>	455,950
	107,000 73,100	199,300	 	 		 	<u> </u>	 	 	<u> </u>	455,950 272,400
7.35	73,100 87,100	211,500	 	 		 	 -	 	 		298,600
	87.100 84,400	194,500	 	 -			<u> </u>	 	 	 	278,900
	73,900	195,600	 	 					-		269,500
	101,800	295,950	<u> </u>	 _		 			 		397,750
55¢	101,800	295,950		 		 		 	 		397,750
A	86,600	245,200	ļ	 		 		 			331,800
3/ x	103,700	244,700	 			<u> </u>		 			348,400
) ³ ·	86,500	283,500	 	 					 		370,000
131	2,856,500	8,725,800		10 NO. 12 NO.	10.1投資便用的10.00				-2.2 (2.11) 2.24		11,582,300
-	92,145	281,410				。例如 是1924。	50.80元 克福克兰	The same of the	是是为新兴	THE RESERVE OF	373,622
300 13 21 0	126,700	355,150	 			苏菲拉尔 克勒卡		April 1989	* 84.0	建筑的	458,200
1	120,700	333,130	<u> </u>	1987年 1887年 1987年 19874年 1987年 1987年 1987年 1987年 1987年 1987年 1987年 19	Second Section 5.	the same of the				And the second second	+30,200



See Pages 4 for Instr						····		
I. General Information	for the Month/	Year of: Febuar	y 2007					· · · · · · · · · · · · · · · · · · ·
A. Public Water System	ı (PWS) Informa	ition						
PWS Name:	Chuluota	•. •				PWS Identification Numb	er: 3:	590186
PWS Type:	✓ Community	✓ Non-Transient Non-Con	nmunityTi	ransient Non-Come	nunity 🔲	Consecutive		
Number of Service Connec	tions at End of Month	1: 1307			Total F	opulation Served at End o	f Month: 4,	574
PWS Owner:	Aqua Utilities Florio	ia .	·					
Contact Person:	William Trendel				Contac	t Person's Title:	Senior Operator	
Contact Person's Mailing A	ddress:	140 Hope Street ·			City: Longwood	State: Florida	Z	ip Code: 32750
Contact Person's Telephone	Number	(407) 339-5424			Contac	t Person's Fax Number:	(407) 339-7490	
Contact Person's E-Mail Ac		betrendel@aquaameric	a.com					
B. Water Treatment Pl	ant Information							
Plant Name:	Chuluota					Plant Telephone Number:	(4	107) 339-5424
Plant Address:	118 7th Street				City: Chuluota	State: Florida	2	ip Code: 32766
Type of Water Treatment b		✓ Raw Ground Water	Purchased Fini	shed Water				
Permitted Maximum Day C	perating Capacity of	Plant, gallons per day:		1,800,000				
Plant Category (per subsect	ion 62-699.310(4), F.		V		Plant Cl	ass (per subsection 62-699	.310(4), F.A.C.):	C
Licensed Operators		Name	10000000000000000000000000000000000000	License Class	License Number		v(s) // Shift(s) V	/orked /
Lead/Chief Operator:	William Trendel			С	6411	Days 1st Shift		
Other Operators:								
	Terrence McCarthy		· _ · · · · · · · · · · · · · · · · · ·	С	4617	Days 1st Shift		
								.
							·	· · · · · · · · · · · · · · · · · · ·
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			· · · · · · · · · · · · · · · · · · ·					
				<u> </u>		<u> </u>		
II. Certification by Lead	UChief Operato			1.021				
		operator licensed in Florid	lo am the lead/obie	f operator of the	water treatment n	lant identified in part	Lafthic report	I certify that the
		ue and accurate to the best						
		cable standards referenced						
were prepared each da	ly that a licensed	operator staffed or visited t	his plant during the	month indicated	dabove: (1) recor	ds of amounts of chem	nicais used and	chemical feed rates; a
		process performance record			these additional o	perations records to the	he PWS owner s	so the PWS owner car
retain them, together v	vith copies of this	report, at a convenient loc	ation for at least ter	years.				
1.)						
Whiteon	ر الكريكان	3/4/07	William Trend	ici				6411
Signature and Date			Printed or Typ	ed Name			ī	icense Number
, Q		•						

1.5	PWS Ide	ntificatio	n Number:		3590186		Plant Name:	Chuluota, P	lant#1						
Means of Achieving Four-lay Virus Inactivation/Planetalism Chefric (Chorine Decide Combined Chlorine (Chlorenies)	HL Da	ily Data	for the N	lonth/Year	of:		Febuary 2007								
Type of Disinfectura Residual Maintained in Distribution System:						al: Erec C		Chionina D	lauda.	C 02000	C1	inad Chioni	na (Chlorer	ninan)	
Type of District Cuttor Residual Maintaines in Distribution System. Free Clause Combined Choices (Choramies) Tablifacian.	Ulti	aviolet R	adiation	C Oth	er (Describe)	· porticit	mornic j	Chiorine D	OXIDE	1 Ozone) Comi	Jinas Cilioti	ne (Cnora	nmes)	
CT Calculation CP Committee CP CP CP CP CP CP CP	33.	D 1-4-					57 R Chi	Г	Combin	ed Chlorine	(Chloremine	-s) [Chlorine I	Diovide	
1.3	2775	E) S) ICIO	Carni (Cesi	Juan Manitan	neo in Distr	ioution System;	ie niec Cili	oruic i	Comon	ica Chiorne	(Citioratina	inistration	CITICALIE 1	Politika (1920)	
1.3	1939		4.5.		1 2 2 2 3	L Caloutations, or	LON DOSE TO	Demostate	Rant-rot	e virus Inac	nyation, if	Applicanie			
1.3			100		1 1 1 1 1 1 1			plation		10 - 240 - 57	di i	U.V	1708G	13. 13. 14.	
1.5								Lowes CT				o le la	16 4 32		
1.5	100	10 (18 kg)	4 7 2			一种	Disinfectant	Provided	grant re			1 200 60			
1.5	10.70	Mys Plant	4	2. 土沙安。	1. C. 1. C.	Lowest Residual	Contact Time	Below or a	100	10-13-6	1. 马里斯			Lowest Residual	
1.5	14.8	Diation of		Not Quantily		Disinfeotant	第二日本 社	ं स्पाद्य	No.	1000	1000	Tawel	1016	TO STORY STATE	
1.5	Ba BE	Operator	I lours offini	Water		Refraction (C.)	Spring Chairm	Chimin Peak			Mininthm CT	Operating	Reduced	Remove Pomilio	conditions. Report of Malaguna 122 Vol. 11s
1.3	the	(Place	in.	Froducted,	Peak Plaw	Cattomer During	Peat Flow	Flow ma	Temp of	pH of Water	Required, ma	UV Dasa	ni W §	DE LE IDUGO	Involves Taking Water System Stemporten is
1.3	Month	(*X*)	Operation	gall	Rate, god	Peak Plow, mg/L	minutes	fluip/L	Water, C	if Applicable	mit#4.	mW-section	secient	System reg/L	Cutto Charalium Contraction
1.3		<u> </u>	24 0	106,700		1.5						Ţ <u>.</u>		1.3	
4				45,000	<u> </u>	1.7		ļ	_		ļ		 		
S						1.3	 	ļ	 	 -	 			1.3	
1.5 1.5						1.4	<u> </u>	 		 	 	 	<u> </u>	1	
1.5 X										 	 		†		
1.6 1.4 1.6		Χ	24,0	94,300										1.3	
341	7.83														
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1.5						1.5			 		ļ <u></u>	ļ	{		
14	12-					15		 		 	ļ	 	ļ	14	
1.5 X 240 98,500 1.7 1.5									+-	-		 	 		
1.4 1.4 1.4 1.5 1.2 1.5 1.4 1.5			24,0	96,200		1.7		1						1.5	
												I			
1.6	1.5				L			ļ	1			<u></u>			
1.6	7116					1.3		 			ļ	ļ	 	1.2	
1.6	10 10	<u>^</u>				12		 	 			 	<u> </u>	1	· · · · · · · · · · · · · · · · · · ·
	20							 		 	 		 		
1.5	72]7	X	24,0						1					1.5	
	22														
1.1	23				<u> </u>	1.5				<u> </u>		ļ <u>.</u>	ļ		
X 24.0 131,300 1.2 1.0 1.0	3 5					1.5			 	ļ	ļ	ļ	 		· · · · · · · · · · · · · · · · · · ·
X 24.0 117,200 1.3 1.1 1.4	1489							 	-	 	 	}	 		
X 24.0	1278				<u> </u>			 	 	 	 	 			
X 24.0	200							 	 	 	 				
S X 24.0	38		24.0												
7													ļ <u></u>		
Avigning 8 1 1 1 1 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2			24.0				<u></u>	<u> </u>	l	<u> </u>		<u> </u>	<u> </u>	Ļ	
1**O**********************************	Total :	-													•
	VARALISES.	and a contract of	5. 7.	(31,300	1										

^{*} Refer to the instructions for this report to determine which plants must provide this information.

PWST	dentificatio	n Nuntber:		3591086		Plant Name:	Chuluota, Pl	ant # 2						
III.	aily Data	for the N	lonth/Year	of:		Febuury 2007								
Means	of Achievi	ng Four-Lor	g Virus Inactiv	ation/Remov		hlorine	Chi-1- D1	- 11.	<u> </u>	<u> </u>				
Ir u	traviolet R	Radiation	Othe	r (Describe):	4 J y 1106 C	morne ;	Chiorine Di	oxide) Ozone	Come	inea Citiorii	ne (Chioran	ines)	
F					bution System:	☑ Free Chlo		·	-1.01-1	(Chloramine		Chlorine D		
13/10/320	Transities	Cumt Resid	uai Maintan	ned in Distri	bution System:	✓ Free Chic	rine I	Combin	ed Chlorine	(Chioramine	≲) । इंटर-स्टब्स्टर	Chlorine L	Pioxide	Parameter and the second of th
4.0				C	T. Calculations of	LIV Drise, to	Demorrate	Diff. ROS	Virus Inac	tivation, if A	oplicable.	-		
400						& Cl Cale	lint one			A J. C.	UV J	Jose 📜		
13.14	Mary .	9 5 m	12.5	4 2 0 3			T. WHITE			多 类 1.10	1-1-178	× 1.37		
10.3			P. 18 3/1	表型。中期		Disinfediani	SHOW THE	16.7	13 b	通行中部		100		
**	Days (Plant		文化、清 益。	19.48	Lowes Residual	Contact Time	Delore or at	1207年	操作统	33430	77 To 22	S	Lowett Residual	
* 公	Shilled or.		Net Quantity	學的學科學	Disn(tector)	afon afor	¥ First-	4 25 6	物质质的	多种性的	18 19 19 19	-Minimum's	y Disinfectant	
	AVISICO by	11	, of Finished 5		Conceptiation (C) s	Measurgment	Cure to	100		÷	Lowest	UV Dose	Concentration at	Entergenby or Abitorital Operators
	A COLLAND	Hours plant	Water		T BEIONE OF BILLIANS	Point Duding	Duning Park	4		Minimum © F	LIU Dosa	resdanaca	Remore Point in	Conditions: Robert of Maintenance Moreonal
Month	ENX)	Opendian	aribancious:	COR PIOW	Chammieca hugos	reak hidali	T TOWN IN THE	UM er On	PA DI Welci,	isodiffical wil	HW.ceon-3	Specifican	Cherry 1440	Duergenby of Abbertal Operators Duergenby of Abbertal Operators Conditions: Koper or Marillenance Applicable Revolved Taxleig Water System Combined to Out of Operation
S. Aren	X	24.0	335,800	** Evans Bhris	1.9	ar semments size	THE PROPERTY OF THE PERSON NAMED IN	10000	HAMPING COLOR	· M. sining	nigr-segent	To also be gate (2) h	1.3	THE RESERVE OF THE PROPERTY OF
3.4	X	24.0			1.5				 -		 		1.0	,
1471	Х	24.0			2.0				l				1.4	
ω) ,	X	24.0												
77.5	X	24,0	257,350		2.2								1.6	
6.1	X	24.0			2.0	 							1.5	
30.0		24.0 24.0	286,200 281,400		2.2				 			<u> </u>	1.6	
302	x	24.0	321,500		1.9 ; 1.8							 	1.5	
-392 -310	$\frac{\hat{x}}{x}$	24.0	340,500	···-	2.0						<u> </u>		1.6	
LAG:	Х	24.0	336,650							:		· · · · · ·		
-12	X	24.0	336,650		1.9						· ·		1.5	
1135 3	X	24.0	260,700		0.6		***************************************						0.9	
7 14	X	24.0	199,000		0.8								0.5	
316	X	24.0	338,800		2.3						· · · · · · · · · · · · · · · · · · ·		1.3	
7°16	X	24.0 24.0	271,700 422,000		2.0				ļ	<u> </u>			1,5	
378	- â	24.0	306,050		1.9		* * ***	·					1.3	
319.	X	24.0	306,050		1.5	-			 		·		1.0	
20	X	24,0	305,800		1.6		 -				 		1,1	
: 219	X	24.0	348,500		1.9					· · · · · · · · · · · · · · · · · · ·		L	1.4	
122	X	24.0	362,200		2.0								1,4	
- 231	X	24.0	299,000		2.0								1.6	
347	X	24.0	348,650											
136	X	24,0 24,0	348,650		1.8				<u> </u>		ļ:-		1,1 1.0	
37	$\frac{x}{x}$	24.0	403,700 335,700		1.0					 	 		1.0	
28	$\hat{\mathbf{x}}$	24.0	360,000		1,7					 		 	1.0	
29	$\frac{\hat{x}}{\hat{x}}$	24 0	230,000		1.4						-			
30.	×	24.0										<u> </u>	l	
315	Х	24.0												
			8,573,700											
Aviens			306,204											

^{*} Refer to the instructions for this report to determine which plants must provide this information.



lic Wat	y Water System er System (PWS		Chuluota (umber:	3590186				·			
36 C. J.			Disat Williams	Plant Name	I Himing & Marinini	l disava Massa	Colone & Aldres	I Dinni Ciklamat	is contractor appearant	Diant 10 Marin	
Š	(ioilt) Name.	Ciality Manta	CHRILLO MACHE	CLUBITION WINDS	PRINCE IVALITIES	Clarif o Trathe.	- mant to Marda	Mante Ortranies	CIZITY & MARITICA	Peranta registeries	
iy of											T&BI
6 - 1	Plant 1	Plant 2									
	Well 1 & 2	Well 3 & 4									
		3. y	2 Per	mitted Maximum	Day Operating Co	apacity of Each F	lant, gallons per	day	trib de gre,		Tapa
y of	720,000	1,080,000									
onto .				Net Villanity of	Rigished Water F	reduced by Eac	i Plant, gallons				To Tollar
	106,700	335,800								ļ. <u></u>	442,500
2	83,000	196,500				·					279,500
5.	71,700	203,800			 						275,500
1	95,600	257,350						<u> </u>			352,950
5	95,600	257,350							<u></u>		352,950
5 5	85,500	203,500						ļ			289,000
7	94,300	286,200			·				Į		380,500
8	105,400	281,400									386,800
9 ∖	108,600	321,500				ļ			ļ. <u></u>		430,100
io 🐑	97,300	340,500							<u> </u>		437,800
	109,750	336,650					·		<u> </u>		446,400
12.	109,750	336,650							<u> </u>		446,400
35.	96,900	260,70 0						<u> </u>			357,600
4%	96,200	199,000)							295,200
5	98,500	338,800									437,300
6-	95,300	271,700						<u> </u>			367,000
17	106,000	422,000						<u> </u>			528,000
te :	100,050	306,050									406,100
19	100,050	306,050						<u> </u>			406,100
20	105,900	305,800									411,700
20 × 21 ;	106,300	348,500									454,800
32 1	121,000	362,200									483,200
16.1	109,500	299,000									408,600
2 100	100,750	348,650							ļ		449,400
25	100,750	348,650									449,400
2,5	131,300	403,700									535,000
3/	117,200	335,700							<u> </u>		452,900
28 39.	108,700	360,000									468,700
3 D.	0	0									0
30	0	0									0
31	0	0						l			0
	2,857,700	8,573,700									11,431,400
	102,061	306,204									408,264
7	131,300	422,000		医甲酚酚酚乙烷类		经被担任证 斯普丁					535,000



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See Pages 4 for Instructions.				
E. General Information for the Month/Year of: March, 2007				
A. Public Water System (PWS) Information				
PWS Name; Chuluota		<u> </u>	PWS Identification Number:	3590186
PWS Type:	y Translent Non-Community		Consecutive	
Number of Service Connections at End of Month: 1307		Total P	opulation Served at End of Mon	th; 4,574
PWS Owner: Aqua Utilities Florida				
Contact Person: William Trendel				or Operator
Contact Person's Mailing Address: 140 Hope Street	City:	Longwood	State: Florida	Zip Code: 32750
Contact Person's Telephone Number: (407) 339-5424		Contac	Person's Fax Number: (407) 339-7490
Contact Person's F-Mail Address: betrendel@aquaamerica.con	<u>n</u>	·		
B. Water Treatment Plant Information				·
Plant Name: Chuluota			Plant Telephone Number:	(407) 339-5424
Plant Address: 118 7th Street		Chuluota	State: Florida	Zip Code: 32766
Type of Water Treatment by Plant:	Purchased Finished Water			
Permitted Maximum Day Operating Capacity of Plant, gailons per day:	1,800,000			
Plant Category (per subsection 62-699.310(4), F.A.C.):			ss (per subsection 62-699.310(4	
Litterised Operators Lead/Chief Operator: William Trendel	License Class- Lice			/ Sh(ft(s): Worked
Other Operators: William Trendel	C	6411	Days 1st Shift	
Terrence McCarthy		4/12	David Lee Child	
Terrence McCanny	c	4617	Days 1st Shift	
			······································	
			,	· · · · · · · · · · · · · · · · · · ·
				
6-5				
1. Certification by Lead/Chief Operator				
I, the undersigned water treatment plant operator licensed in Florida, am	the lead/chief operator of the wate	r treatment pl	ant identified in part I of t	his report. I certify that the
information provided in this report is true and accurate to the best of my				
International Standard 60 or other applicable standards referenced in sul				
were prepared each day that a licensed operator staffed or visited this pl				
(2) if applicable, appropriate treatment process performance records.				
		auditional of	erations records to the r v	vs owner so the rws owner can
retain them, together with copies of this report, at a convenient location	for at least ten years.			
(1) 1) / of / Malad				
(Millian) 11/ 4/8/04	William Trendel			C6411
Signature and Date	Printed or Typed Name			License Number

1 1 1

		n Number:		3590186		Plant Name;	Chuluota, P	lant # 1						
Ш	aily Data	for the A	louth/Year	uf:		March, 2007								
Means	of Achievi	ng Four-Lo	g Virus Inactiv	vation/Remov	al: 🔽 Free C	hlorine	Chlorine Di	ioxide.	Ozone	f Comb	ained Chloric	ne (Chloren	nines)	
ĮE υι	traviolet R	ladiation	C Othe	r (Describe):		,	C 20		, 025	,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		,	
Туре	of Disinfe	ctant Resid				Free Chlo	rine [Combin	ed Chlorine	(Chloramine	s) 「	Chlorine [Dioxide	
3473	Mr. 14	1		-1" - 1 Table 1	OT CALL BY BURNEY			Dollar Lan	Menc Inno	louton if	nulicable*	E TELEPIS	(Ab) Soft As Free C	
0.00	2 1 V	1012	10 455	7 19 19 19 19	S of Section 1				A Maritian	A PROTECTION	V F THE	Trice 1	A THE STATE OF THE	TO THE REPORT OF THE PARTY.
14.0	2013	W 1		31 14 3			Virginia in 1	0.634	34.35	1 3 1 3 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	16 1 10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		全国共享的	
199	36.			1. 1923		2000年至	Lamest ST	77						
	Time Plans					Disinfectant	alcProvided				101-140-1		7	
. 3	Staffed or		Ner Outhury			WAY HE TO				. 4 73.		Minlimin	Distriction	
	Visited by		of Finished	1.37	Consentation (C)	ZiMeasurement	Cufloner				Lowest	. UY Doxia	Concentration at	Emergency or Apportual Operating
Dayor	ct porator	Llours plant	Water *	10.4	Belangor of Pich	(Point Danby /	Denny Prok		海岬 射压	Minimum CT	Operating	Required	Remote Point in	Conditions Repair of Maintenance Work Ha
海線	香油袋	(C) (D)	Producted	Peak Flow,	Poultomar Liuthe	Peak Plowe	Flow dg-	Temp of	pH of Water,	Required, ing	UV, Doso,	ADIM-	E Businism	Juvolves Taking Water System Components
	X	Operation 24.0	120,500	Kate god,	Penk Pow meda.	Juliunes .	T MINE	Water, 'C	II Acolicable	min/L	m Wiscolcini	septeme	2System mg/U	Emergency or Absormal Operating Conditions, Reputs of Maintenance Viole In Juyolves Taking Water System Componence Out of Operation
2.0	×	24.0		 	1.7		 	 	 	<u> </u>			1,3	
293	Х	24 0			1.3	•	 						1.2	
4.8	Χ	24.0	108,550			· · · · · · · · · · · · · · · · · · ·								
J-15	X	24.0			1.2								3.1	
	X	24.0			1.3								1.1	
1	Ŷ	24.0 24.0			1.5					<u></u>			1.3	
79	×	24.0			1.5		_	 	 				1.2	·
100	X	24.0			1.4		 		<u> </u>			 -	1.3	
711	Х	24.0	138,900					1						
123	X	24.0	138,900		1.1								1.0	
11477	X	24.0			0.9	· · · · · · · · · · · · · · · · · · ·	ļ	ļ				,	0.9	
7115	$\frac{\hat{x}}{\hat{x}}$	24.0 24.0			1.8	· · · ·							1.5	
1512	- X	24.0	85,400	<u></u>	1.4								1.2	
4 (j) 25	X	24.0			1.5		 	 					1.3	
18	X	24,0	113,700											
19.**	X	24.0	113,700		1,1								1.1	
20 5	X	24.0	106,500		1,3								1.2	
21 22	X	24.0 24.0	110,400	·	1.3	<u> </u>	ļ					<u> </u>	1.1	
23 "		24.0	000,000 001,08		1.2 L6		<u> </u>	 				 	1.1	
24.5	x	24.0	132,500		1.7			 					1.4	
25 .7	X	24.0	126,900		***		 							
26** 24**	X	24.0	126,900		1,4								1.2	
	X	24.0	98,400		1.2								1.1	
28	X	24.0	116,000		1.3			ļ		<u> </u>	ļ	ļ	1.2	
30±	X	24.0 24.0	122,000		1.5		ļ			ļ <u> </u>		 	1.3	
317	$\frac{\hat{x}}{x}$	24.0	109,700		1.4		 			 	<u> </u>	 	1.3	
Total	* -		3,584,200	——————————————————————————————————————	l					·	·	 		
Avgerig	M		115,619											
41.4.46			122.000											

^{*} Refer to the instructions for this report to determine which plants must provide this information.

	dentificatio			3591086		Plant Name:	Chuluota, P	lant # 2						
			ionth/Year			March, 2007								
deans	of Achievi	ng Four-Log	Virus Inacti	vation/Romov	al: 🗗 Free C	hlorine ["	Chlorine Di	ioxide	Czone	☐ Comb	ined Chloris	ne (Chloran	nines)	
T U	ltraviolet R	adiation	T Othe	er (Describe):	•	•		·*		, 55,170		,		
**	A 173 1 1 11					Free Chlo	rine [Combin	ed Chlorine	(Chloramine	s)	Chlorine D	ioxide	
3			12.09	The Section	Stress Stress	JAVAD SESSO	Competers	Poursilian	Viris Inac	ivation if 4	innlinable	i di dia di		Biographics of Aprilipal Operating Conditions: Repair of Aprilipal Operating Conditions: Repair of April Description Could of Operating Condoor Could of Operating
			. ? <u>.</u>	1 167		and the second		COMPENSE.	3.	1.0	I)V	Dolle 1 2		
LAXIA			N. 381.88	Constant Const				17. W. S.	44	- J. T. B. B. G. S.		F PARTY		
400	S No.	14 1 B	13 42 3-5	1. 1.		美 国 计选择键	LOYPH CT	步和非		\$. # Ce				
XX	Days Plant	· "虚"	· 文字 (1)	CONTRACTOR OF STREET		Displaying	Provided	****	建 加入37		Y WHAT THE	33.0		
	Sinned or	100000	. Net Quantity	14.		7/11				* /* V		Micomuta		
37.	is ited by		of Pullance.	1 2 000	Condendation (C)	Measurement	Costoner	建设	Profession of	1994 1994	Lowest	OV DOM.	Concentration at	Emergency of Aproripa Operating
Dayij	Operator	Hours plant	Water .			Point During	Dulling Press			Minimum CT	Operatings	Required	Remote Point in	Conditions Repett by Maintenance Work
	A Chiere		Producted,	Peak Flow.	Customer During	PER PROPE	Howard	Temp of	pH of Water.	Required, mg	UV Dose	mw s	*Deputoring [4]	lawilves Taking Water System Compone
	X	Operation 3 24.0	398.100	, Knie wod	1.3	D. THINHIA	i much	Marie A.C.	и Аррисвые	min(L)	mW-searcin	ii seq/cu)	System, ing/Le? 0.9	The state of the s
47.11	X	24.0	259,800		2.5			 					1.6	
俗。生	X	24.0	369,700		4.6			 					2,7	
g' 3	. X	24.0	305,350					1						
5	X	24.0	305,350		2.9								2.0	
6.00 1707	X	24.0	336,000		2.6			<u> </u>				ļ	1.9	
8-		24.0 24.0	354,000 297,700		2.0 0.8								1.6 0.6	
g.	x	24.0	392,400		1.8			 	 			ļ, <u> </u>	1.0	
104	Х	24.0			2.2		 	 				 	1.3	
10.0	<u>X</u>	24.0	408,600									İ		
12.5	X	24.0	408,600		2.0								1.3	
	X X	24.0	345,700		1.7								1.2	
15.1	X	24.0 24.0	350,100 369,000		2.4			 	ļ			 	1.4	
lbe	×	24.0	249,400		2.0				 			 	1.5	
18 %	Х	24.0	340,900	 	2.1			 					1.6	·
18.	Х	24.0	366,500							·				
19:	Х	24.0	366,500		1.5								1.1	
200	X	24.0	332,900		1.5								1.1	
2) † 22 ;	X	24.0 24.0	326,900 386,000		1.8		<u> </u>	 					1.1	
23 7	- x	24.0	348,400		1.7			 	 -		·	 	1.0	
	X	24.0	384,300		1.7			 			 		1.2	
25 %	Х	24.0	481,450						<u> </u>					
26	X	24.0	481,450		2.5								1.0	
27.7	X	24.0	303,200		2.5								1,4	
24.7 29	X	24.0 24.0	450,200		2.0			 	<u> </u>			 	1.5	
30.	X	24.0	435,700 405,600		1,8			 	 			 	1.3	
31.	- î	24.0	335,800		1,8	•		 	 		 		1.3	
iai -		24.0	11,300,900		•.~	La			I	L 		 		
gçrag	0.5	, i	364,545											
. Ji mii	Company of the second		491.450											

^{*} Refer to the instructions for this report to determine which plants must provide this information.



y Finis	hed-Water Proc	duction for the l	Month/Year of :		March-07						
munity	/ Water System	(CWS) Name:	Chuluota								
ic wat	er System (PWS) Identification N	lumber:	3590186							
	Plant 1 Name	Plant 2 Name.	Plant 8 Name:	Plant 4 Name	Plant 8 Name:	Plant 8 Name:	Plant 7 Name:	Plant 8 Name:	Plant & Name:	Plant 10 Name	学学业学学院
								-			
	Plant 1	Plant 2									
	Well 1 & 2	Well 3 & 4	1								
多	era para da la filia	and the second	Per	milted Maximum	Day Operating C	madity of Each F	ladi dallans per	day.	000111000		Tolk
y of min	720,000	1,080,000			and the last of the second second						1,800,000
inin.	14 (Sec.)	STATISTICS		Neuguantiv of	Fine had Water	roduced by Eac	Plant gallons	and the second	名诗: 图答: 0	DESCRIPTION OF THE	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
13 🤼	120,500	398,100			AND THE PERSON NAMED IN COLUMN TWO IS NOT						518,600
2/3/4	94,600	259,800									354,400
reφ.	108,200	369,700									477,900
	108,550	305,350								· · · · · · · · · · · · · · · · · · ·	413,900
5	108,550	305,350								<u> </u>	413,900
3	118,500	336,000		<u> </u>							454,500
	108,700	354,000									462,700
100	136,100	297,700							· · · · · · · · · · · · · · · · · · ·		433,800
9,	121,200	392,400	-							<u> </u>	513,600
D⊢}	135,000	405,300									540,300
16.4	138,900	408,600									547,500
2	138,900	408,600									547,500
3	112,400	345,700			<u> </u>						458,100
4 #x	123,300	350,100								7	473,400
5	132,300	369,000									501,300
6.00	85,400	249,400				*					334,800
7.	107,500	340,900									448,400
8.7	113,700	366,500									480,200
9 %	113,700	366,500									480,200
δ v 18	106,500	332,900									439,400
	110,400	326,900									437,300
2 1/2 3 1/2	109,000	386,000									495,000
31.7	89,100	348,400									437,500
4	132,500	384,300									516,800
54	126,900	481,450									608,350
6.	126,900	481,450									608,350
1	98,400	303,200									401,600
	116,000	450,200									566,200
98%	122,000	435,700									557,700
0	110,800	405,600									516,400
(t	109,700	335,800									445,500
No.	3,584,200	11,300,900		abus agres				接触性 拉乳 强势			14,885,100
	115,619	364,545		4.2					AMA A.	7	240,082
	138,900	481,450			eration in		35 (1)			对为关系和证明	310 175



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See Pages 4 for Instructions. I. General Information for the Month/Year of: April, 2007 A. Public Water System (PWS) Information PWS Name: Chuluota 3590186 PWS Identification Number: PWS Type: ✓ Community Non-Transient Non-Community Transient Non-Community Consecutive Number of Service Connections at End of Month: Total Population Served at End of Month: 4,935 PWS Owner: Aqua Utilities Florida Contact Person: William Trendel Contact Person's Title: Senior Operator Contact Person's Mailing Address: 140 Hope Street State: Florida Zip Code: 32750 City: Longwood Contact Person's Telephone Number (407) 339-5424 Contact Person's Fax Number: (407) 339-7490 Contact Person's E-Mail Address: betrendel@aquaamerica.com B. Water Treatment Plant Information Plant Name. Chuluota Plant Telephone Number: (407) 339-5424 Plant Address: 118 7th Street City: Chuluota State: Florida Zip Code: 32766 Type of Water Treatment by Plant: Raw Ground Water Purchased Finished Water Permitted Maximum Day Operating Capacity of Plant, gallons per day: 1.800,000 Plant Category (per subsection 62-699.310(4), F.A.C.): IV Plant Class (per subsection 62-699.310(4), F.A.C.): Licensed Operators License Class License Number Day(s) Shift(s) Worked Namos 1 / 1 · 34 * ead/Chief Operator William Trendel 6411 Days 1st Shift Other Operators. Terrence McCarthy 4617 Days 1st Shift II. Certification by Lead/Chief Operator I, the undersigned water treatment plant operator licensed in Florida, am the lead/chief operator of the water treatment plant identified in part I of this report. I certify that the information provided in this report is true and accurate to the best of my knowledge and belief. I certify that all drinking water treatment chemicals used at this plant conform to NSF International Standard 60 or other applicable standards referenced in subsection 62-555,320(3), F.A.C. I also certify that the following additional operations records for this plant were prepared each day that a licensed operator staffed or visited this plant during the month indicated above: (1) records of amounts of chemicals used and chemical feed rates; and (2) if applicable, appropriate treatment process performance records. Furthermore, I agree to provide these additional operations records to the PWS owner so the PWS owner can retain them, together with copies of this report, at a convenient location for at least ten years. William Trendel C6411

License Number

Printed or Typed Name

Signature and Date

PWS idea	ntification			3590186			Chuluota, Pi							IGRED WATER
			louth/Year			April, 2007								
Means of	Achievii	ng Four-Log	Virus Inactiv	ation/Remov		Chlorine	Chlorine Di	lovide	Czone	Cond	niged Chlori	ne/Chlores	ninee)	
[] Ultra	wiolet R	ลดีวัยtion -		r (Describe):		,	Citionale Di	CAIDE	, Ozone	1 Conn	Mica Circuit	ne (Cinoia	inios)	
Type of t	Disinted	tant Resid	lual Maintai	nadin Distri	busties Contents	₩ Free Chlo	rine [Combir	ed Chlorine	(Chloramine	es) [Chiorine I	Dioxide	
, M	. Ye.		12.5%	36	T Calculations of	IV Date in	Demostrite	Pairt I no	Vittis lase	tivation if	Amplicable*	1 6 4 100		
1.4		, i i	1.5 . 1.5	F. 1473 C.		C roll	ulations	M 5	11.		UV	Dose 17.2	建	
	S.F. 1.	4.5			300 300 37	396, 177, 177	PARTY IN	1.18		2 5 7 7 7 7 7	7 7			
			. (+ 14 ± 1244 - 14 ± 1			1.294	Lower CT		16.15 16.1		er e	1000	111	
1 3 3 6	ays Plant		ได้เก็บได้ที่ผู้สูญได้ ได้เก็บสูง การตั้งเมื่อไ		American Services	Control Fine	Called Ar at				1 700	2.00	i de la como	
5 8	taffect or		Nel Quantity	3, 39	Dichractant 4	TO CO	A SMA	1.50	A 20			Minimum	Distant Claut	
	sited by		of ithished	e j. k	Conconjection (G)	Masurement	Customer	4.2	S. Calleria	-18	, leowest .	-UV LX	Cookmetion of	Employency or Abharman Operating & A
Lay of the	Stellator	Hoursplant	Water a		Belpie or at Ping	Point During .	During Prak	1300	p. 61.	Minimum CT	Operating	Roquired	Remota Pointin	Conditions Report of Maintendack Work that
Month	THEO.	(i) Cineralian	Producta,	Peak Flow	Customer During	Peak How	Flow, mg.	L COURT OF	ph of Water	Required, mg	UV Dipso,	I TOWN	Distribution,	Brittendy of Abternat Operating a Contribute Support to Material Sweet Star to Physics Sking Walle System Components Our or Operation
i l	X	24.0	133,350	Kale, gpp.	A COMPANY OF THE PARTY OF	ណ្យាព្យាធា	SA MARIANA SAN	Water C	ili-vebbitosius	miads	mw-sec/our	sec/cm	System, may L	A CONTROL OF THE PROPERTY OF THE PARTY OF TH
2 /	X	24.0			1.4			 		 			1.3	
3	X	24,0	111,500		1.1			<u> </u>			<u> </u>		1.1	
3	X	24.0	124,800		1.3								1.2	
- 6	~ ~ ~	24.0 24.0	112,300		1,3								1.3	
7	$\hat{\mathbf{x}}$	24.0	119,900		1.5			 			 	 	1,4	
8	$\frac{\hat{x}}{x}$	24.0	105,950		1.5					 		} -	1,1	
9 "	X	24.0	137,100		1.1					 		 	1.0	
10	X	24.0	97,800		1,3								1.3	
11-	X	24.0	72,700		1.3								1.2	- 1947 S
13	X	24.0	85,200		1.5								1.3	
14	x	24.0	85,900		1.5								1.4	
13	×	24.0	96.800		}	······		 					1.5	
ी हैं :	X	24.0	96,800		1,5			 				 	1.3	
17	x	24.0	95,300		1.4			<u> </u>					1,3	
18	X	24.0	112,500		1.3								1.3	
19	X	24.0	108,000		1,4								1.3	
ाँ।	$\frac{\hat{x}}{x}$	24.0	100,8(8)		1,2						ļ	 	1.2	
22	x	24.0	115,700								 		1.3	
23	X	24.0	115,700		1.1						 		1.0	
74	X	24.0	132,200		1.0								1.0	
25	X	24,0	122,300		1.2								1,1	
17.	X	24.0	103,400		1.6								1.4	
78	$\frac{\hat{x}}{x}$	24.0	140,300		1.8			ļ <u></u>					1.5	
29	$\frac{\hat{x}}{x}$	24.0	135,150		1.4								1.4	
10	X	24.0	135,150		1.0								1.0	
31	Х	24.0												
	70	17.4	3,381,100											
Avgerage "			112,703											

^{*} Refer to the instructions for this report to determine which plants must provide this information.

VS Ide	ntification	Number:		1591086	F	lant Name:	Chuluota, Pla	nt # 2						
			onth/Year of	1		pril, 2007								
			Virus Inactiva			lorine	Chlorine Dio	xide {	Ozone	Comb	ined Chlorin	e (Chioram	ines)	
	aviolet Ru	distion	(Other	(Describe):		EZ Posa Chio	rine [Combine	d Chlorine	(Chloramine	s) 「	Chlorine D	ioxide	
ype of	Disinfect	ant Residu	ual Maintain	ed in Distrit	oution System:	FIE CHO	THE SERVICE STREET		diam's orath	ivation, if	onlicable*	.)		
	8 3		9	li Ç	 Calculations, or 	LA Dose to	Suriders 1	OM-POR	Variabilitati		EVI	ose 💮		
	**************************************		. [4. 12	A TOTAL	TOT CHE	mtital	1			1.2 (1962.)	1.50	CHECK BAT	and the second of the second o
			1	100	500 P. T. T. T.		LOVERIGT	150 Sept.	A.,					
		· ·				Disinfectant	Provided			X 100 40 300			Towns Residen	AND PLANT STATES TO BE
1	Dave Plant				Lawser Realdust	Compet Time	Bothing on M.	W. S.	3.3			Minimum	Distriction	200
	Drive Plant Staffed or		Net Quantity		Distrifectant 3	24 m		4	16.00		Lawest	UV Dase"	Consentration	Enjorgency of Abhanna Operating
	A MILLOND !		of Finished		Concentration (6)	Mensulement	(2000)			Minimum CT	Operating.	Required.	Remore Point in	Conditions: Repair of Mathiavanus 2015
ay of	Obcrator 1	Hours plant	Water		Below or al First	Calustaning	NEW TOWN	Tempor	pH of Water	Required, mg	DV Dose,	mW-	Distribution	Engargency of Assumia Charaville. Conditions: Repain of Managerable. On all involves if aking Water System Confidence Out & Experation
the i		in .	Producted	Peak Flow	Costomar Durma	annulas.	minE	Weter, C	if Applicable	g idin/L :	mW-section	sectori	Zhairau miz	THE RESERVE OF THE PERSON OF T
		Operation	468,200	Raie, gpd	Penk Tipw, niple	STATE OF THE PARTY	331,000						1.3	
2.	$\frac{x}{x}$	24.0			1,4							ļ	1.6	
1	- x	24.0	396,900		2.4				<u> </u>		ļ	ļ	1,3	
4 7	$-\hat{x}$	24.0	465,800		1.8								2.0	
5	- X	24.0			2.9			 	 		 	 	1.0	
Ö	X	24.0	449,000		1.3		ļ	 	 	 	 			
. 9	Х	24.0					ļ						2.1	
- 8	X	24.0			3.5		 	 					1.0	
9	Х	24.0		<u> </u>	1,8			 				L	1.0	
10	X	24.0			2.3		1					 	1.5	
11	- X X	24.0			3.3		1						2.0	
12	- X	24.0		 	3.2		1					 	2.0	
14	$\frac{\hat{x}}{x}$	24.0			3.3					-		 	 	
15	X	24.0							ļ	ļ		 	1.5	
16	X	24.0			2.1				 			1	1.5	
17	X	24.0	289,000		8.1					+	+		2,1	
18	X	24.0	382,200		3.0				 	+	1		2.2	
19	Х	24.0			3.0			 -	1				1.2	
20 ;	Х	24.0			1.9	 	+						1.1	<u> </u>
21	X	24.0				 	1							
22	X	24.0			1.2	 							0.5	
23	X	24.0			2,5							+	1,3	
24	 	24.0			2.4						+	+	1.6	·
26		24.0			2.8				 	+		 	1.3	
27	$\frac{\hat{x}}{x}$	24.0			2.6								1.3	
28	X	24.0	496,700		2.3						1	1		
29	X	24.0							 	 	1		1.3	
30	X	24.0			2.2			+	+					1
31	X	24.	ΛÌ	1	1		1 _	1						

^{*} Refer to the instructions for this report to determine which plants must provide this information.



ally Fini	shed-Water Pro	duction for the	Month/Year of :		April-07						
Min Wa	y Water System	(CWS) Name:	Chuluota						· · · · · · · · · · · · · · · · · · ·		
APIC VVA	ler System (PWS	>) Identification N	lumber:	3590186	Control of Control of the Control of	COMPANIES CONTRACT THE COMPANIES					
	rianci Name:	Plant & Name:	Want 3-Nama	Plant4 Name:	Plant 6 Name:	Plant 6 Names	Plant 7 Name;	Plant 8:Name:	Plant 9 Name:	Plant 10 Name:	Logi
の人とい			1		:	}		ĺ	}	[
	Plant 1	Plant 2]	Í		!		})	[
	Well 1 & 2	Well 3 & 4	<u> </u>	<u> </u>		_ :		}	Ì		
74.E			Per	milled Maximum	Jay Operating Co	pacify of Each	lant, gallons pel	day			Total
ay of	720,000	1,080,000	1	l .		ŀ	ŀ	1	ľ	ľ	เลยนะยน
/lontn-				Net Quantity of	Finished Water F	roduced by Esc	Plant, pallons		3 4 4 5 4 5		a Politica
	133,350	468,200						T			601,550
,2, ₃ ,	133,350	468,200	}								601,550
3,0,2	111,500	396,900									508,400
4.	124,800	465.800								f	590,600
5*⊹∿	112,300	519,700									632,000
8	119,900	449,000					· · · · · · · · · · · · · · · · · · ·	 			588,900
	105,950	437,600				· · · · · · · · · · · · · · · · · · ·	·				543,550
8	105,950	437,600						 			543,550
9	137,100	633,200						 			770,300
10	97,000	294,800	· · · · · · · · · · · · · · · · · · ·								391,800
1 1 22	72,700	260,200									332,900
12	85,200	390,300								 	475,500
135	85,900	290,300		<u> </u>				f			376,200
14	109,000	419,700							····		528,700
15 cc	96,800	335,800						 			432,600
16	96,800	335,800		·				 			432,600
17	95,300	289,000			····						384,300
18:17	112,500	382,200		_ 							
19	108,000	426,300						 			494,700
20	106,800	339,800						ļ			534,300
211.	109,700	331,800									446,600
22 - 1-	115,700	436,100						<u> </u>			441,500
237	115,700	436,100			·	·		 			551,800
24:	132,200	397,900									551,800
25)	122,300	456,500									530,100
26	103,400	427,200									578,800
27	140,300	411,000									530,600
28	121 300	496,700	·								551,300
20	135,150	486,700						Ļ			818,000
30	135,150							<u> </u>			622,100
30. 3 31, 1	135,150	486,950									622,100
		0		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1							0
-	3,381,100	12,407,600				. ***. *		Maria de la			15,788,700
- 3.5	112,703	413,587									526,290
<u> </u>	140,300	633,200			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	<u> </u>					770,300



See Pages 4 for Instructions. I. General Information for the Month/Year of: May, 2007 A. Public Water System (PWS) Information PWS Name: Chuluota PWS Identification Number: 3590186 PWS Type: Community Transient Non-Community Consecutive Non-Transient Non-Community Number of Service Connections at End of Month: Total Population Served at End of Month: 4,935 1410 PWS Owner: Agua Utilities Florida Contact Person: William Trendel Contact Person's Title: Senior Operator Contact Person's Mailing Address: City: Longwood State: Florida Zip Code: 32750 140 Hope Street Contact Person's Telephone Number: (407) 339-5424 Contact Person's Fax Number: (407) 339-7490 Contact Person's E-Mail Address. betrendel@aguaamerica.com R. Water Treatment Plant Information Plant Name: Chuluota Plant Telephone Number: (407) 339-5424 Plant Address 118 7th Street City: Chuluota State: Florida Zip Code: 32766 Type of Water Treatment by Plant: ✓ Raw Ground Water Purchased Finished Water Permitted Maximum Day Operating Capacity of Plant, gallons per day: 1,800,000 Plant Category (per subsection 62-699.310(4), F.A.C.): Plant Class (per subsection 62-699.310(4), F.A.C.): "Libersed Operators" Name: Day(s) Shift(s) Worked Lead/Chief Operator: William Trendel Days 1st Shift 6411 Other Operators: Terrence McCarthy 4617 Days 1st Shift IL Certification by Lead/Chief Operator I, the undersigned water treatment plant operator licensed in Florida, am the lead/chief operator of the water treatment plant identified in part I of this report. I certify that the information provided in this report is true and accurate to the best of my knowledge and belief. I certify that all drinking water treatment chemicals used at this plant conform to NSF International Standard 60 or other applicable standards referenced in subsection 62-555.320(3), F.A.C. I also certify that the following additional operations records for this plant were prepared each day that a licensed operator staffed or visited this plant during the month indicated above: (1) records of amounts of chemicals used and chemical feed rates; and (2) if applicable, appropriate treatment process performance records. Furthermore, I agree to provide these additional operations records to the PWS owner so the PWS owner can retain them, together with copies of this report, at a convenient location for at least ten years. William Trendel C6411 Signature and Date Printed or Typed Name License Number

PWS Id	entification			3590186	REPORT FOR		Chuluota, Pli							
			onth/Year o			May, 2007								
III. W	HIN DESIGN	tor the M	outhy Year o	11:				• • • •	~~~	Cambridge Company	lead Chlorin	o (Chloram	ines)	
					l: 🔽 Free Cl	lorme [Chlorine Dic	301%	Uzone) Comm	incu Cidorni	c (Cinoran	,	
1 OK	raviolet R	adiation	Other	(Describe):					1.00 (1011		Chlorine D	iavide	
Гурс о	f Disinfec	Hant Resid	ual Maintain	ed in Distril	bution System:	Free Chlo	rine	Combine	ed Chlorine	(Chloramines	8) ·	CHIOTHE D	Georgia de la hyd	THE PARTY OF THE PROPERTY OF THE PARTY OF TH
4	28	198	100	de C	T Antiquetors of	LY Dose for	Deniostale	OHI-FOR	Virus Inact	ivation, if A	phicable		5 11 - 7.	THE STATE OF THE S
	A STORY	4.4	A	V. T. J.	地 建铁过时的 基	CT Calc	unions **		$\mathcal{M}_{\mathcal{A}}$	14.7	· · · JUV E	ose i		了16. 大型 (1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1
		1.5	al sea		建 图 新花 建矿矿				30 13° 4 14		1.5		Carrier 1	2007-0-1-1738-1408-1409-
40.4				37			D	TANK TANK			in wa	10 - 10 A	A COLOR	
	District District	1000	× 4	40	The Court of the C	Can ac Clama	Befere de M	14.70		5.0	1 1	V 1	Lolvest Residual	
	Staffedior		Net Oliantity			CLACO	100					William	(Distribution)	Alexander markets
	Xisled by		of Physical		Containing (C)	Mentioners.	Contours		100		Operations	D Brannan	Denistra Denistra	Zondhight Regal of Maintenance World his
OUT	(Crecator	Hours plant	Water #	- C 430	Bellete dozil First S	Police During	Dinbe skip			Minimum & 1	IIV Dosa	i uw	Onumbation	Involves Taking Wells System Component
以旅 篇	Pince:	un _o	Producted.	Peak I law	Custome Diving	Paking	100 mg	Wale. Or	HIT TH MANGELL	ming.	mW-sec/cm	scorem	System_mt/L	Bustistics of Apparitiff Charitans, a children Repair in Maintenance, World in the physics Taking, Weight System Composition Court of Cour
30000	(X17X)	Operation	1000	Rate Epg.	1.3	SP DRIVER	THE THIRD AND SEC.	Kajor, A	Trigit No. 13 days				1.2	
100	X	24.0	121,900		1.3		 						7.7	
400	X	24.0			1.2								1.2	
4	X	24.0			3.0								1.6	
76	X	24.0	474,800		1.8								1.6	
V.6	Х	24 0	318,050				<u> </u>	ļ	<u> </u>				0.9	
. <i>21</i> #	X	24.0			1,1								0.9	
No.	X	24.0			0.9				 				1.5	
109	X	24.0		 	1.6		 		 				1.6	
4 (j) E	- x	24.0		 	1.8		 						1.5	
W2	X	24.0			1.4							ļ	1,4	
213 5	X	24.0									ļ		0.7	
ATT OF	X	24.0	359,800		0.7				<u> </u>	ļ	ļ	 	1.3	
11 15	Х	24,0			1,5				-		 	 	1.0	
1100	Х	24.0			1.2	ļ	 	 	 	 	 	 	1,2	
14.7 E	X	24.0			1.4		 	 	 	 	 		1.5	
	X	24.0		 	2.1		 	 	<u> </u>				1.5	
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215	X	24.0			1.3								1.1	L
113-5	x	24.0			2.4				<u> </u>				1.9	
37.5	Х	24.0	422,300		3.1					ļ	 	 	1.7	
24.5	X	34.0			2.3				 	 	 	 	1.5	
2251.8	X	24.0		ļ	2.1		 			1	 		1	
11.6	X	24.0			12			 	 	 	1	 	1.5	
1	X	24.0		 	1.7	 	+		1	 			1.4	
7.9	X	24.0			0.7		+	1	 				0.5	
-30°		24.0		 	2.6	 							2.0	
ar.	-	24.0			2.0						L		1.6	<u> </u>
Trifele	CONTRACTOR OF		10,541,600											

^{*} Refer to the instructions for this report to determine which plants must provide this information.

340,052 543,500

	i entificatio			3591086		Plant Name:	Chuluota, I	Plant # 2						
ш. р	aily Data	for the N	lonth/Year	of:		May, 2007								
Means	of Achievii	ig Four-Los	g Visus Inacti	vation/Remov	al: 👿 Free (Chlorine	Chiorine C)iovide	C Ozone	Comi	sinad Chlori	na (Chl-na	-1	
Uit Oil	traviolet R	adiation	IT Othe	er (Describe):	;	,	CISIOI IIIC II	ZIONIGE	1 Ozone	i Com	mied Cillott	ne (Cinolin	nines)	
Type	f Distaga					57 Sam Chi	avina T	Combin	and Chlorina	(Chloramine		Chlorine I	Nt14-	
100	777	F 12 200	To a second	100 11 01511	oution System.	en en en en	Serepted 1	WEST ASSE	NAS S	(Cinoramine	-२) विकासी क्रमान्त्र	Cinorate I	Moxide	
7.	Control of the	A STATE OF THE STA	1.3	1 2 2 2	el Calcinations O		Demostate	Lont-Pol	Vitus inac	tivation, it	Applicable	7 XX		
17 × 19 W	松文	77.		1. (1. (1. (1. (1. (1. (1. (1. (1. (1. (GECN	GI North S				l uv	D086		
30	167 S	建定量性	400			2 1	Lowes		u y 3			1 1 1 1 1		
*	100 TO		3,4	147. 12	HITTON TO	Joseph Polabi.	- Provided	1.2.2			H. 18 (1.5)	317	The miles	
	134 AA SIQUI	* 100		Transcale Asia	Lovest Residual of	li Contact Line	Belote or #	18. 袋鸡,					Ensert Residual	
A	Visited of	是是一个	Net Quality	1.5	Die reaction	COMP.	A POPULA			articles (a)		Milling	Dinin (columb	
Dayer	Operator	Hours Bland	of Lidital Services	The state of	Folia un thou (C)	Meesuration	Chalenter	ale di	144	مِنْ اللهِ إِنَّا إِنَّا اللَّهِ اللَّ	Lowest	D. T.	Concentration at	Engineering of Abnoptial Operating
712.8	Pilco	San San	Producted	Bat Sing					100	Winimum C)	Oppoints.	T. CALLES	Bemote Polikin	Conduction Repair of Malmenaries Work
Month	X")	Operation	cal	Rela end	Paste Hand Small		107110	5 L W	To and cast	Kedanan ing	1 2 2 2		4 Pastudinou	P. Livolves Taking Welle System Componer
11 200	X	24.0	489,700	1 - 12 - 12 - 12 - 12 - 12 - 12 - 12 -	2.0	AND MAKE COLO	A PROPERTY OF	MANAGES	I cappacarae	Mile G	101 1113001210	1 SACHNESS	1.2	Engingencij or Abpognal Operating Conditions Repair of Internation Work Involves Taking Wells System College Out of Operation
3676534	X	24.0	528,200	1	3,3		 	 	 				1.7	
\$35°	X	24.0			2. j		<u> </u>				ļ <u></u>		1.0	
1.485 2000	X	24.0			2.5								1.3	
4614	X	24.0			3.0								1.7	
200	- X	24.0 24.0			 									
	$\frac{\lambda}{x}$	24.0	266,450 208,000	}	2.4	ļ	 		<u> </u>			<u> </u>	1.5	
9,84	×	24.0		 	2.3		 		 	<u>}</u>	ļ		1.4	
107	X	21.0	278,900	 	3.1	ļ	 		 -		ļ		1.8	
3)15	Х	24.0	213,400	 	2.8				 				1.7	
1,123	X	24.0			2.8		 	+	 			<u> </u>	1.7	
即令	Χ	24.0	240,450				 	+	 	·			1,0	
1.	Х	24.0	240,450		2.4				 				1.5	
1.4	X	240	200,300		2. l		<u> </u>						1.4	
15.	X	24.0	317,300		2.5								1,4	
18.	X	24.0	277,100	<u> </u>	2.9			1					1.7	
19.8	$\frac{x}{x}$	24.0 24.0	211,000 269,400		2,9		 		-		<u> </u>	<u></u>	1.8	
20	$\frac{\hat{x}}{\hat{x}}$	24.0	267,650		3.0		 	- 	 -	·····			1.8	
26	X	24.0	267,650	 	2,5		} -	 	 	<u> </u>	ļ		<u> </u>	
22	×	24.0	252,600		2.2		 	+	 -	<u> </u>			1.5	
23	X	24,0	284,600	 	3.2		 	+	 				1.4	
24	X	24.0	278,500		3.2	<u> </u>	 	 	 				2.1	<u> </u>
14.5	X	24.0	194,900		2,5		†	 	 				1.7	
36	Х	24.0	198,200				1	1	 					
272	X	24.0	198,200		0,8				T				0.8	
2 3	_ x _ Ţ	24.0	350,700		2.0								1.2	
30	X	24.0	258,100		2.4								1.3	
304	×	24.0	274,700		2.9								1,7	
(4) (4)	<i>-</i>	24.0	274,500		2.6		<u></u>	<u> </u>	<u> </u>	L			1.5	
gerage.			8,562,700 276,216											
eximiting.														
et interfer	100 mg		528,200											

^{*} Refer to the instructions for this report to determine which plants must provide this information.



· Pulls	shed-Water Pro	duction for the	Month/Year of :		May-07						
munit	y Water System	(CWS) Name:	Chuluota								
ic vva	ter System (PWS) Identification I	lumber:	3590186							
	Plant 1: Name:	Plant 2 Name:	Plant & Name	Plant & Name:	Riant 5 Name:	Plant 6 Name	Plant 7 Name.	Plant & Names	Rant 9 Names	Plant 10 Name:	
			}		· · · · · · · · · · · · · · · · · · ·				1		
	Plant 1	Plant 2		ĺ		!	· 		}]	
	Well 1 & 2	Well 3 & 4]	1	[}		
100			TO SEE TO	nitted Maximum	Day Charation C	nacify of Each E	Upol callons on	 			
V 01 1	720,000	1,080,000		The state of the s	Jan Sterong C	apacity of Cach	tairi, gangna yer	yay .	(1	1,800,000
říĥ	15 37 5 76 5 7	1100	44.5	Nel Quantity of	l Marian Maran	Sportfload by Enc	Diant dellane	the William the set of the second	 	 	Tola
1.0	121,900	489,700	es and asserting the control		The state of the s	TOO DOOR OF LAD	it with Bailous	l l		1	
2× 1	134,200	528,200	}		 			<u> </u>	 -	 	611,600
120	543,500	296,400	 		}			 	 	 	662,400
	345,700	273,700			 			 	 		839,900
5	474,800	340,900	 ~	· 				}	 	 	619,400
3.44	318,050	266,450			ļ	ļ			}	 	815,700
1.5,	318,050	266,450						ļ	<u> </u>	}	584,500
	256,300	208,000			 				ļ	ļ	584,500
127 127	336,300	275,700			 	 			ļ		464,300
5 % 1	350,400	278,900			 			 	 		612,000
	256,200	213,400			 						629,300
2 30.7	345,600	268,600									469,500
33:	359.800	240,450									614,200
1.1	359,800	240,450							<u> </u>		600,250
	270,600	200,300							ļ. <u> </u>	<u> </u>	600,250
8 %	352,200	317,300									470,900
	348,100	277,100							 		669,500
	239,600	211,000									625,200
**	290,200				 						450,600
	390,550	269,400			ļ		·				559,600
-6.		267,650			<u> </u>						658,200
	390,550	267,650			<u> </u>						658,200
1	363,100 422,300	252,600		 _	<u> </u>						615,700
200		284,600			<u> </u>						706,900
100 St.	361,900	278,500 194,900					·	<u> </u>			640,400
	282,500		~						 		477,400
100 T	384,700	198,200									582,900
	384,700	198,200		·							582,900
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	332,500	350,700									683,200
	435,500	258,100			<u> </u>						693,600
	391,100	274,700									665,800
133	380,900	274,500									655,400
	10,541,600	8,562,700		**************************************							19,104,300
	340,052	276,216									616,268
	543,500	528,200				ه مي	*				839,900



OEP Form 62-555 900(3)Alternate

See Pages 4 for Instru General Information		Voor of	June, 2007				
			June, 2007				
Public Water System		tion	,_ ,_,_			·····	
	Chuluota	·				PWS Identification Nun	nber: 3590186
PWS Type.	∠ Community	Non-Transient i		Transient Non-Co			
Number of Service Connect			1410			Total Population Served at End	of Month: 4,935
	Aqua Utilities Florida	a	<u>,,,</u>	,,			
	William Trendel			····		Contact Person's Title:	Senior Operator
Contact Person's Mailing Ac		140 Hope Street			City: Longwood		Zip Code: 32750
Contact Person's Telephone		(407) 339-5424			(Contact Person's Fax Number:	(407) 339-7490
Contact Person's E-Mail Ad		betrendel@aguaa	merica.com	,			
Water Treatment Pla				····	·		
	Chuluota					Plant Telephone Numbe	r: (407) 339-5424
	118 7th Street				City: Chuluota	a State: Florida	Zip Code: 32766
Type of Water Treatment by		✓ Raw Ground Wa	ter Purc	hased Finished Water			
ermitted Maximum Day O				1,800,000			
Plant Category (per subsecti-			ΙΛ		PI	ant Class (per subsection 62-69	9.310(4), F.A.C.): C
Lidensed Operators	Bytes by Melali	Name \	72.11	Ligense Cla	s License Nun	iber L	lax(s) (Shiff(s) Worked
ead/Ohief Operator:	William Trendel			c	6411	Days 1st Shift	
Other Operators							
the first of the second	Terrence McCarthy			c	4617	Days 1st Shift	
Control of the contro							
	L						
3 (1 mg/kg) (1 / 1 / 1 / 1 / 1 / 1 / 1 / 1 / 1 / 1							
Certification by Lead							
, the undersigned wate	er treatment plant	operator licensed in	n Florida, am the	lead/chief operator of the	he water treatme	ent plant identified in part	I of this report. I certify that the
nformation provided is	in this report is tru	ue and accurate to th	e best of my kno	wiedge and belief. I ce	rtify that all drin	iking water treatment che	micals used at this plant conform to No
nternational Standard	60 or other appli	cable standards refe	renced in subsect	ion 62-555.320(3), F.A	C. Lalso certif	v that the following additi	ional operations records for this plant
vere prepared each da	withat a licensed of	onerator staffed or v	risited this plant d	uring the month indicat	ed above: (1) re	cords of amounts of abo-	nicals used and chemical feed rates; an
voic propared cach da	y mat a mocnacu t	perator started or v	anou ma piam o	mana i saraa ta anavis	to these additi-	scords of amounts of ther	nicals used and chemical feed rates; an
7) (Camaliantile annua	priate treatment	process pertormance	e records. Furthe	ittiore, i agree to provid	ie these addition	iai operations records to t	he PWS owner so the PWS owner can
2) if applicable, appro	AID CONICE AT THIS	-regort, at a conveni	ent location for a	t least ten years.			
(2) if applicable, appro retain them, together w	in copies.or mis	b					
(2) if applicable, appro	vital copies of this	Inter land					
(2) if applicable, appro		1/3/07	Wi	lijam Trendel			C6411
(2) if applicable, appro		27/3/07		lliam Trendel			C6411 License Number

PWS Id	entification			3590186	KEFOKTTO		Chuluota, Pl	ant# I						
			onth/Year o	ıf:		June, 2007								
			Virus Inactiv		il: Free C	hlorine /	Chlorine Di	oxide	Czone	Comb	ined Chlorin	ne (Chlorar	nines)	
	raviolet Ra		[Other			·								
						Free Chic	cine T	Combin	ed Chlorine	(Chloramine	s)	Chlorine [ioxide	
1,1		> 1	3°. 1 2 1 1	10000	T Calculations or	UV Dose to	Demostere	bur-bog	Virús Inac	rivation, if A	Applicable*	. 9		
					Was a series	CITCAL	dellons .	1		v-fair ch	ೆ. ೮ √.1)08e		
				9 - 1 V V 4	1.575.17.22.449	100	A SAFE	1.6	J	\$72.				
	100		12.96.000		A 16 0 7.19		LOWES CT			200	*	30		
et v		1	\$ 7 A F X 1			A Marintoomini	ALED MARKET	13.7		A, t			Latest Residual	
0	Days Hant		Mar Owanella		Lawest Postulation	Tier C	Hintre				7.	Minimum	Distallacions,	
** \\ *	Visited by		of Finished		Concentration	Monstrement	Customer				Lawes	UV Dome	Contemporational	Emergency or Abnormal Operating
Day of	Operator	Hours plant	Water		. Defete or #1 Figs.	a Point During	Christy Pask			Minimum GT	Detating	Kedulton	Condication of	Fonditions A soan of Malatonance Wer Citia
ne:	(Place	0 1	Producted.	Peak Plow	Costomet Duries x	Fig. Flow	Plowing	T PITT OF	ph of wher	kedhined wh	10 market		The state of the s	
Month.	× (¥)	Operation	gal.	Rate, gpd	Peak Plow mag	io imaga	D RIVERSON	Milet C	II Whoregold	S. Manker	III IA GOOGLIA	800010	1.5	Emergency of Abnormal Chillianing Conditions, A spain or reasting and Ware Training Control Designing.
					2.1								1.5	
1	X	24.0 24.0	211,500 309,850	-	4.0									
A 4.5		24.0	309,850	 	1.3								1.1	
. :5	X	24.0	272,200		1,3								1.1	
	X	24.0	337,500		2.0								1.4	
7.0	_X	24.0	284,700		1.8			ļ <u>-</u>					1.3	
8 %	X	24.0	259,500		1.9								1.3	
9	Х	24.0		<u> </u>	1,8		 		 					
200	×	∠4.0 24.0	364,250 364,250		1,1		 	-					0.6	
3. (1.3)	X	24.0	209,900	 	1.3								0.8	
Ü.	x	24.0		 	1,3								0.8	
17.18.	- x	24.0			2.0								1.4	
77137	X	24,0	156,700		1.7					ļ			1.1	
16	Х	24.0			1.7	<u> </u>	 		 	 -			· · · · · · · · · · · · · · · · · · ·	
	X	24.0			1.2	 	 		 	 			1.1	
18/5	X	24.0		┼	1.3		 	 	 				0.7	
19.	X	24.0			2.1								1,4	
31	1 - x	24.0			1.9								1,4	
32.	X	24.0			1.7							ļ	1.0	
133	X	24.0	348,400					 		 	 		1.2	
24-5	X	24,0			1.5			 		 	 	 	0.4	
25	X	24.0			0.8		 	 	}	 		 	1.1	
96.1	X	24.0			3.3	 -	 	 	 	-	1		2.0	
1:22	X	24.0			2.5	 	 	 	 	1			1.6	
28.	X	24.0			2.1	 	<u> </u>			1			1.5	
10		24.0			2.5								1,7	
31		24.0		1				<u> </u>	<u> </u>	<u></u>	<u> </u>	<u> </u>	1	1
	V. 7		8,511,100							•				·
	ie .		283,703											

^{*} Refer to the instructions for this report to determine which plants must provide this information.

PWS Id	dentification	n Number:		3591086		Plant Name:	Chuluota, P	ant # 2						
III. D	aily Data	for the M	onth/Year	of:		June, 2007								
$\overline{}$			Virus Inactiv		al: Free C	hlorine J	Chlorine Di	oxide	☐ Ozone	[Comb	ined Chlori	ne (Chlorar	nines)	
T UI	traviolet R	adiation		r (Describe):		,								
Type	of Disinfed	ctant Resid				Free Chio	rine T	Combin	ed Chlorine	(Chloramine	:5)	Chlorine I	Dioxide	
	100		<u> </u>	1000000	T Calculations of	OV Doto to	Jemostata:	e dinvisor	Virus Inac	tivation. It?	oplicable*	15.3	建筑图像品质	NEW YORK SHIPS TO SHIP WATER
1 3	Deys Plaint Statised or		in the contract	1 1 2 2		Control of the Control	DOM:	1 1 L	78 5 1 V		ury:	Dose :	Part of the	
1			3.	120			TO CALL	K PA	Đị:					
G 200	· · · · · · · · · · · · · · · · · · ·	D	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		TO MOUT CALL		B 3 C 5				1 4 1 X	
	Distre Plant		THE RESERVE OF	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Control Control	Contant Time	Beloscol at		E		No.	1000	Lases Residual	
十名為	Statfed or		Net Quantity	2	Districted and	(T) at C	First			3 0		Minimum	Disinfectuni	
1.1	Visited by		of Rinished	1	Concentration (C)	Measurement.	∡ Cysiòm ¢ r	. u.s			Lowest	U (Dose	Concentration at	Emergency of Aphornal Operating.
Day of	Operator	Flours plane	Waldi		Before of the Ellat.	Point During	Dunne Peak	4.8		Minimum CT	Operating	Required	A proper out in	Conditions, Repair of Methorange, Work that
the	*CPIALE	in .	Producted.	Peak Blow	Customer Buring	Peak Plow	Towns		orlul Water	recdnuce, mg	in Water land		- Dannengon	The state of the s
Month	X	Operation 24.0	206,900	-water-and	2.5	Texasin in the same.	ACTURATE S	Traisit.	1 Millingaria	STATE OF STATE	VA 44 122 25 54 26 114 2	A JEST AND THE	1.5	Entergengy of Aphornal Operating. Conditions Repair as Maintengage, Wark the Moveles Taking Water System Combined to Dayof Operating.
2		24.0	145,600		2.6			-					1.5	
323	X	24.0	233,200											
1		24.0	233,200		2.5								1.6	
11		24,0	160,300		2.0			 					1.5	
***6	X	24.0	272,800	<u> </u>	2.4			 		·			1.4	
8	X	24.0	197,500 147,600		2.1			 					1.2	
2.94	1 - x	24.0	204,800	· · · · · ·	1.8			 					1.2	
10	X	3.0	232,800											
3011	X	24.0	232,800		2.1								1.5	
. 12 .		24 0	140,900		2.1				ļ	ļ — — I		<u> </u>	1.5	}
2-1345 3-14-₹	X	24.0	96,800 137,800		1.9			 	 				1.0	
13.3	- -	24.0	96,600		1.8			 -	 				1.2	
A 16	X	24 0	151,500		1.7								1.2	
301769		24.0	176,600											
18.7		24.0	176,600		1,5				ļ				1.0	
10	X	24.0	148,300	 -	1.6					 			1.0	
2 0	X	24.0	142,600		2.0			 					1,4	
22		24.0	128,700		1.8								1.0	
123	X	24.0	208,850											
200	X	24,0	208,850		2.0								1.3	
		24.0	145,700		1.8			 					1.3	
26	X	24.0	91,400		2.6			 	 	├			1.6	
0.76	X	24.0	202,400 153,900		2.5			 					1.6	
200		24.0	134,000		2.3			1					1.5	
10	x -	24.0	101,300		2.4								1.5	
(±3()	7 X	24.0												
		7		- i									•	
Avgera	26		168,633	J										

^{*} Refer to the instructions for this report to determine which plants must provide this information.



			Month/Year of :		June-07						
	Water System		Chuluota								
Public Wat	er System (PWS) Identification N	lumber:	3590186							
	Plant 1 Name:	Plant 2 Name:	Plant 3 Name	Plan 4 Name	Rant 5 Name	Plant 6 Name:	Plant 7 Name:	Plant 8 Name	Plant 9 Name:	Plent 10 Namer	
											In the Last of the
	Plant 1	Plant 2		!	}]	i	!]	
	Well 1 & 2	Well 3 & 4							1	{	
148884			Total Services	milied Meximum.	Day Operating Co	pacity of Pach I	lani pallons ne	May)		MATERIAL PROPERTY.	7 766
Daviot	720.000	1,080,000				A CAN DE LA CANADA DEL CANADA DE LA CANADA DEL CANADA DE LA CANADA DE	A STORY OF	1 Table 1			1,800,000
Day of Months		S 100 100 100 100 100 100 100 100 100 10	Z148 60 E0 X105	Net Cuantity of	Finished Water	roduced by Bac	n Plant callens	A TENN			
	353,500	206,900	100000000000000000000000000000000000000	STATE OF THE PARTY				T	7 A A A A A A A A A A A A A A A A A A A		560,400
	211,500	145,600									357,100
10.00	309,850	233,200									543,050
41 A 31	309,850	233,200									543,050
445 G	272,200	160,300			· · · · · · · · · · · · · · · · · · ·						432,500
*L 6 4	337,500	272,800						ļ	·		610,300
34 74 2 3	284,700	197,500									482,200
26.6	259,500	147,600									407,100
22.86	315,600	204,800									520,400
13 (0°C) 26 (1°C)	354,250	232,800									597,050
法 创造 (364,250	232,800									597,050
12	209,900	140,900									350,800
	212,600	96,800									309,400
	206,500	137,800									344,300
100	156,700	96,600									253,300
	289,600	151,500									441,100
	311,500	176,500) 				<u>.</u>		488,100
To Make of	311,500	176,600									488,100
2,8 19 %	312,000	148,300	ļ				· · · · · · · · · · · · · · · · · · ·				460,300
35.50	230,200	142,600	ļ								372,800
21.5	288,400	148,700									437,100
E 122	262,800	128,700									391,500
	348,400	208,850									557,250
Wife Vie	348,400	208,850									557,250
A. 3.47	377,100	145,700									522,800
Fair Costs	194,700	91,400	ļ								286,100
16.95	310,000	202,400	ļ 								512,400
1400	307,400	153,900	ļ								461,300
7.22	266,400	134,000	<u></u> _								400,400
389 38 Tolei-	184,300	101,300									285,600
2.31.3.	0	0		A SCHOOL STREET, SEPTEMBER	510,000,000			,			0
	8,511,100	5,059,000		A CONTRACT		经营业工程				2000年	13,570,100
AVg3 € 1	283,703	168,633									452,337
Max & .	377,100	272,800	<u></u>	5.75、12.36 <u>1</u> 2.30	<u> </u>	E The sales	an ash dilament is	<u>ाराम्यः स्ट</u> िन्	一件 明 不明 (5)	White Military and the	839,900



See Pages 4 for Instructions.

1. General Information for the Month/Yea	July, 2007					
A. Public Water System (PWS) Information						
PWS Name: Chuluota		-		PWS Identification Number	ет. 3590186	
PWS Type:	Non-Translent Non-Community	Transient Non-Comn	nunity	Consecutive	· · · · · · · · · · · · · · · · · · ·	
Number of Service Connections at End of Month:	1410			opulation Served at End of	f Month: 4,935	
PWS Owner: Aqua Utilities Florida					1,20	
Contact Person: William Trendel			Contac	ot Person's Title:	Senior Operator	
Contact Person's Mailing Address: 140	Hope Street	-		State: Florida	Zip Code:	32750
Contact Person's Telephone Number: (40°	7) 339-5424			t Person's Fax Number:	(407) 339-7490	
Contact Person's E-Mail Address: be	trendel@aquaamerica.com					
B. Water Treatment Plant Information	- Company of the comp	*				,
Plant Name: Chuluota				Plant Telephone Number:	(407) 339-54	24
Plant Address: 118 7th Street			City: Chuluota	State: Florida		32766
	Raw Ground Water Purchased	Finished Water			1-7-00	
Permitted Maximum Day Operating Capacity of Plan	t, gallons per day:	1,800,000		· · · · · · · · · · · · · · · · · · ·		
Plant Category (per subsection 62-699.310(4), F.A.C.	.):IV]	Plant Cl	ass (per subsection 62-699.	.310(4), F.A.C.); C	
Licemed Operators	医多数的原理的现在分词 医多种性病	Libense/Class	sciconse Number	THE RESIDE	VSTASHING PWORKED	
Lead Thiel Goerafors, William Trendel		C	6411	Days let Shift		
Cultura Operations (1997)						
Terrence McCarthy		С	4617	Days 1st Shift		
						
7-4-2-11 16-4-31						
						····
					· · · · · · · · · · · · · · · · · · ·	
Constant Alexander					······································	
						*
Section 2011						· · · · · · · · · · · · · · · · · · ·
H. Certification by Lead/Chief Operator						
I, the undersigned water treatment plant op	erator licensed in Florida, am the lead/o	chief operator of the	water treatment p	lant identified in part I	of this report. I certify	that the
information provided in this report is true a	and accurate to the best of my knowledge	ge and belief. I certif	fy that all drinking	water treatment chem	nicals used at this plant c	onform to NSF
International Standard 60 or other applicab	le standards referenced in subsection 6:	2-555.320(3), F.A. C	. I also certify tha	t the following addition	onal operations records for	or this plant
were prepared each day that a licensed oper	rator staffed or visited this plant during	the month indicated	above: (1) record	is of amounts of chem	icals used and chemical	feed rates; and
(2) if applicable, appropriate treatment production	cess performance records. Furthermore	e, I agree to provide t	these additional or	perations records to the	e PWS owner so the PW	S owner can
retain them, together with copies of this rep	ort, at a convenient location for at least	t ten vears.				O OWNER COM
	l de transcription de la company de la compa	· · · · · · · · · · · · · · · · · · ·				
11/10 1 1 /2	S/S/07 William T	Page del			<i>****</i> ****	
Signature and Date	//				C6411	
organizate and Lyane /	Printed or	r Typed Name			License Num	ber

PWS Id	entification			3590186	KEPUKI PU		Chuluota, Pla							
HUND	aily Data	for the M	outh/Vear c			July, 2007								
			Virus Inactiv			hlorine	Chlorine Die	oxide	C Ozone	Comb	ined Chlorin	e (Chloran	lines)	
	raviolet R			r (Describe):		,	CIII O. CII O		,	, 5000				
F						Free Chlo	rine [Combin	ed Chlorine	(Chloramine	s)	Chiorine D	lioxide	
1910	CERES S	5.000000000000000000000000000000000000	CONTRACTOR	Section District	Comments of the	AND THE PARTY	PRANCIE I	WW1.56	Virgin links	ivation if	mileable		4 10 10 10	
15.00	17		A A		A STATE OF S			74	- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	TEST STATE	TATE OF THE	G. ST	34. 7. 7	
				789			1375 157		300 1 750	1.7 (* 1) (A)		K DAY	建设设置	THE REPORT OF THE PARTY OF THE
				a marie		1 1 1 1	Johns CT	1 3 40	W. 534	S. 114.00	100	4.00	"是"	
3	A de	ME TON	10 mm		经 4000	等级的种类	Proyect		m - 2 200	化十二十二十二			2. 图 图 图	
多 ()	PAY PUR	以为 "特别	5.34	\$ 13 P. Fre	No maintail (all the	Property and the	Belore of the		5					
*		E Silver	Net Quantity	1 5 1 86		"我们来 "	17.2		100		Lowest	UV Daw	Constant autoval	Sharpene & Apricinal Cocining
1		Houles	Weter			Point Three		***		Manaka	Chemine	Register	tioned bount in	Containing Repairs & Authorities Val La
(新教			†Producted:	Prest Flow	The Burns	Peak Flow	FIG. 1045	Ment of	phine water,	Required the	UN Delle		ADJanibation V	involver Taking Waters values Compagnious.
No.	迎約年	Operation	28 3	Rine god	THEIR FLOW MULT	Comingtes. To	专为社会	Who Kec	if Applicable	A mingle	mW-sec/cm	souton f	Swiene berth	Anapere of Ampril Opposit conducts 7-parts of appears Will had notely a Jaking Wood Valent Monteurs On or Operation 1998
	X		258,400										[
SECTION AND ADDRESS OF THE PARTY.	X	24.0	258,400		1.6							ļ <u> </u>	1.1	
4	X	24.0	217,800		1.6				 				1.4	
	X	24.0 24.0	186,300		2.5				 		 -	 	1.9	
40.0	- Â	24.0	54,500 155,500	 	2.6								1.6	
	×	24.0	26,700		1.7								1.0	
25	X	24.0	290,250	 -										
	X	24.0	290,250	······································	2.3								1.4	
20.00	X	24.0	286,100		2,3			E					1.5	
200	X	24.0	355,100		3.0				<u> </u>	ļ			1.9	
6.125	X	24.0	288,800	<u> </u>	2.5						ļ	 -	1,1	<u> </u>
200	X	24.0	248,300 285,700		2.0		}	 	 	 	 	 	1.0	
1	X	24.0	280,700	 	1.8	ļ		 	 	 	 		(· · · · · · · · · · · · · · · · · · ·	
	x	24.0	280,700	 	1.2		 	 					0.5	
	X	24.0	290,700		1.9								1.0	
- XX & G	Х	24.0	315,600		2.8								1.7	
	X	24.0	294,600		2.3				<u> </u>	 -	ļ	 	1.5	
EXAMP	х	24.0			2.8		ļ <u>.</u>	 		}	 	 	1.7	<u></u>
	×	24.0	310,800		2.5		 	 	 	 	 	 	 	
100	X	24.0 24.0	242,550 242,550		 	 	 -	 	 	 	 	-	0.6	
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Des que	×	24.0			3.3	 	 	1	 	1	1		2.0	
PAC.	x	24,0			2.6	 							1.6	
	x	24.0			2.3								1.5	
13 E	Х	24.0	267,200		2.4								1.7	
200	X	24.0					\			 	 	 	 	
	X	24.0			2.1	<u> </u>		 	 		 	 	1,7	
1	X	24.0			1.7	1	1			ч	<u> </u>		1.0	
美国工作		AS BEACH OF	7,555,700	J										

^{*} Refer to the instructions for this report to determine which plants must provide this information.

243,732 355,100

MONTHLY OPERATION REPORT FOR PW 35 TREATHER CASE [PWS Identification Number: 3591086 Plant Name: Chuluota, Plant # 2														
						uly, 2007	CHORDIO, FIE							
			mth/Year o			llorine	Olderia Pi		Ozena	Co-hi	ined Chlorin	e (Chlorem	ines)	
				ation/Remova		norme	Chlorine Dio	XXXX	Ozone	1 Como	mea chiorm	A (Citto) mix		
L OK	raviolet Ra	idiation	Other	(Describe):		F7 F C1 !=	F	Combin	d Chiorine	Chloramine	s) [Chlorine D	ioxide	
Type o	f Disinfec	tant Residu	ial Maintain	ed in Distril	bution System:	₩ Free Chlo	rine :	COMDIN	O CINGION (A Control of			Extraport of the Control of the Cont
030					121 Edition of the Control	GV Dose to	Section 1915		Anthropa		CAR GIVE			
	4.13					WALL OF EACH	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1		一次是	7	A IZH 34	100		
5	到逐渐	Comment.					100		W #3			7		
		2 3 3	100	4.4		Distribution 1		BS ex	11				2420	
	Chrys (Ham)					Contact Omer		APPENDED.	No. 1986		Alcoho.	Manufe	10.73	
24	William W.	1.00	A PARTIE A			e les la maria	10.00		A LA		To well		Search Live	
	Operator	Hord's plant	TRAVEGO A	11	PRODUCTION !	A CHILD CHILD				Minima RE	Cheming			A Company of the Comp
e dub	# (Place)	A W. A	Pfothister.			新福				Kennica M	3.0		25725 52.07	THE RESIDENCE OF THE PARTY OF T
Moffe	45 100 050	Operation	6 190 to	TO CONTRACT	CAN SHOW THE REAL PROPERTY.	经产业 的	公共加加大会	A CHARLES	# > AD MICHOC	Salaini E Color	DUC-STANDARD	100		
201	×	24.0	141,250		2.0									
	x	24.0	92,800		1,6								1.0	
1 44.5	×	24.0	94,000		2.0								1.5	
4.4	X	24.0	324,400		2.6					<u> </u>	 	 	1.4	
ng day	X	24.0	93,100	<u> </u>	2,4		 						1.7	
数据录	X	24.0	255,700 143,500		2.9		 							
2064	l x −	24.0	43,500		2.5	******				·			1.3	
	X.	24.0	96,000		1.7								1.0	
XIV.	X_	24.0	174,400		2,6		<u> </u>		 	 		 	1.2	
35704	X	24.0	48,800		2.2		 			 	 		1,2	
指接 · M	X	24.0 24.0	45,600 47,300		1.7		 						1.0	
100		24,0	90,300											
J18.	X	24.0	90,300		1.2								1.0	
923	X	24.0	88,800		1.8			<u> </u>		 -		 	1.1	
A CONTRACT	X	24.0	142,600		2.2	 -		 	 	 	1	 	1.3	
7974	X	24.0 24.0	151,700		2.3	 	 	1	 				1.1	
	X	24.0	96,000		2.0		1						1.1	
702.72	x	24.0	87,350								-	 	0.8	
F-24	X	24.0	87,350		1.6		ļ		 	 		 	0.8	
(427)	X	24.0	78,500		1.3	ļ	 	 			 	1	1.9	
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26	X	24.0			2.5		1						1,6	ļ
3 10	- ^	24.0			2.7								1.6	
1775		24.0	66,850				 		.	 -	 	+-	1,4	
250	X	24.0			2.5					 		+	1.4	
2311	X	24.0			2.3			ــــــــــــــــــــــــــــــــــــــ		J				
江南和珍	と響きです。	対が機	3,546,100	<u>'</u>										

^{*} Refer to the instructions for this report to determine which plants must provide this information.

114,390 324,400



Daily Finis	shed-Water Pro-	duction for the	Mouth/Year of		July-07					<u></u>	
Communit	v Water System	(CWS) Name:	Chuluata		00.)-07						
Public Wa	ter System (PWS	S) Identification N	lumber	3590186		 					
N. D. A. S.	Plant 1 Name?	Plant 5 Nevine	Plant Till son	Punt Number	LESS THE SECOND	Dent Chame	RELENT & Names	DIANER NAME	ELS ON DO	Phinted Marris	
		The state of the s	in this afterniant	ALCOHOL: NO.		Legan Caraginas	The state of the s				and the second second
				İ				į	!	}	
	Plant 1	Plant 2	F]					
166	Well 1 & 2	Well 3 & 4	<u> </u>					<u> </u>			
	1		THE PARTY OF THE	MARINA MARINA	Day Operath dic	pacty of Eacht	lant gallons pe	ON YOUR PROPERTY.	学说 计计划以	海斯州公司	A PROPERTY OF THE PROPERTY OF
	720,000	1,080,000				<u> </u>		L.,			1,800,000
1900年9月				ACHBIACH PROPERTY OF	Finished Water I	moduced by trac	hittlent the light				
	258,400	141,250				<u> </u>	<u> </u>				399,650
	258,400	141,250	1								399,650
W. L.	217,800	92,800				<u> </u>				<u> </u>	310,600
MANA	309,850	94,000					<u> </u>				403,850
OKA EV	272,200	324,400	<u> </u>	<u></u>			ļ				596,600
	337,500	93,100					 			<u> </u>	430,600
200	284,700	255,700				ļ <u> </u>	<u> </u>				540,400
14.8.6	259,500	143,500	<u> </u>					<u> </u>	ļ <u> </u>		403,000
	315,600	143,500		<u> </u>			<u> </u>			<u></u>	459,100
WE 10 %	288,100	96.000				<u> </u>	<u> </u>	<u> </u>			382,100
	355,100	174,400	}			<u> </u>	<u> </u>				529,500
	288,800	48,800	<u> </u>								337,600
	248,300	45,600	ļ						ļ		293,900
	285,700	47,300	} _	<u></u>			<u> </u>				333,000
	280,700	90,300						 			371,000
	280,700	90,300	ļ		 	<u> </u>			<u> </u>		371,000
Kar V	290,700	88,800			<u> </u>	ļ	<u> </u>		<u>_</u>		379,500
	315,600	142,600						<u> </u>	ļ. —		458,200
	294,600	151,700	 				<u> </u>		ļ		446,300
	159,100	101,000			ļ	ļ	ļ				260,100
	310,800	96,000							ļ	 	406,800
	242,550 242,550	87,350 87,350	 	 	 		 	ļ	ļ	ļ	329,900
		78,500	 	ļ		 		 		 	329,900
2.2	196,000 298,600	120,500	 	<u> </u>				 		 	274,500
SIMPORT	175,700	74,800					ļ	 	ļ		419,100
NATE IN	186,100	94,200	 	 '			 	 	 		250,500
	267,200		 			 	 		 		280,300
N. 32 - 24 - 17		138,600	 	 				 	ļ. 	 	403,800
	232,550 232,550	66,850		 	 	 	 	 		 	299,400
		66,850	ļ		 	 	 	 	}	 	299,400
	347,600	130,800	ļ		TO SECURITY SERVICES OF THE		Marketon and Anny artists	CONTROL ZO MINISTRA	No. 100	PROCESSOR STREET	478,400
	7,555,700	3,546,100	ļ					1 33 33	7.25		11,877,550
	283,703	114,390	 				V.E.				383,150
Mex	355,100	324,400	L	The state of	(1) 汉本(1) 10			AND STATE	交通 透過		596,600



See Pages 4 for Instructions.					
1. General Information for the Month/Year of: August, 2	2007				
A. Public Water System (PWS) Information			,	· · · · · · · · · · · · · · · · · · ·	
PWS Name: Chuluota		······································	PWS Identification Number	er; 3590186	
PWS Type:	nunity Transient Non-Com	munity	Consecutive		
Number of Service Connections at End of Month: 1410			Population Served at End of	Month: 4,935	
PWS Owner: Aqua Utilities Florida					
Contact Person: William Trendel		Conta	ct Person's Title:	Senior Operator	
Contact Person's Mailing Address: 140 Hope Street		City: Longwood	State: Florida	المستنب وسنفنا المستباط والمستنب المستنب	750
Contact Person's Telephone Number: (407) 339-5424		Conta	et Person's Fax Number:	(407) 339-7490	
Contact Person's E-Mail Address: betrendel@aquaamerica.	com				
B. Water Treatment Plant Information					
Plant Name: Chuluota			Plant Telephone Number:	(407) 339-5424	
Plant Address: 118 7th Street		City: Chuluota	State: Florida	Zip Code: 327	766
Type of Water Treatment by Plant:	Purchased Finished Water				
Permitted Maximum Day Operating Capacity of Plant, gallons per day:	1,800,000				
Plant Category (per subsection 62-699.310(4), F.A.C.):		Plant C	lass (per subsection 62-699.	310(4), F.A.C.): C	1
STATE OF THE PROPERTY OF THE P	STEWART STATE BOOK STATE	License Number	为州、首都的美华和 加	VOY SHIPOTWARK TO THE	NORWAY SH
19860 Chief Orietal riff William Trende!	jc	6411	Days 1st Shift		
Office Other Lides Terrence McCarthy					
Terrence McCarthy	(C	4617	Days 1st Shift		
M. Charles and D. Lander Chi. F. Charles					
1. Certification by Lead/Chief Operator					
I, the undersigned water treatment plant operator licensed in Florida	, am the lead/chief operator of the	water treatment p	lant identified in part I	of this report. I certify that	the
information provided in this report is true and accurate to the best of	f my knowledge and belief. I cert	ify that all drinking	, water treatment chem	icals used at this plant confe	orm to NSF
International Standard 60 or other applicable standards referenced in	1 subsection 62-555.320(3), F.A.(I also certify the	it the following addition	onal operations records for the	his plant
were prepared each day that a licensed operator staffed or visited thi	is plant during the month indicate	d above: (1) record	is of amounts of chem	icals used and chemical feed	d rates: and
(2) if applicable, appropriate treatment process performance records	. Furthermore, I agree to provide	these additional or	perations records to the	e PWS owner so the PWS a	WBer can
retain them, together with copies of this peport, at a convenient locat	ion for at least ten years.				ALTION DULI
11/2 3/X/0/2/2					
11111-1-11 4/0/01	William Trendel			C6411	
Signature and Date	Printed or Typed Name			License Number	

PWS I	lentification	n Number:		35901B6		Plant Name:	Chuluota, Pl	ant#1						
111. 1	aily Data	for the M	onth/Year	of:		August, 2007								
			Virus Inactiv			hlorine f	Chlorine Di	oxide	Czone	Comb	ined Chloriu	ne (Chioran	nines)	
I UI	traviolet R	adistion		r (Describe):		•			,	,				
Type o	of Disinfed	ctant Resid				Free Chic	rine	Combin	ed Chlorine	(Chloramine	s) 「	Chlorine I	Dioxide	
	E 2 2 2 2 2 3	A STATE				THE STATE OF THE S	Same of a last		MANUAL STREET	HOLEAN SE	WATER STATE			DOMESTIC CONTROL OF THE PARTY O
				A STATE OF THE STA		The Contract of	Property and							
				20 10 10		LE PRE	1000	No.	2011	A 2 4 5 6	100			
			"其种"的	3.166		1.0	新籍 登			14.14.3		A-V 2	2000年18	
	1000	1		W77 785	A STATE OF THE STA		Provided	學學	14.16	1 1 7	5 M B 8 1	4.0		
	States on	17	Net Chantily						7.8	为行为在	3 X X	Villamin.		(大) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1
	MILE N		of Finished	WATER A		White	Customer			ではない	THE STATE OF	Tit pour		Constitution of Amountain Persons
Mark.	A NAC	Hojir plant	Winds		The Part of the Pa	Point points	中地场			Minimum CT	Operating	Request.	PARTIE OF THE PARTIES	en leiche a ron en Coppening Work
		Cin 1	Producted.	Peak Fib.	CULTURE DE LA CONTRACTION DE L	e les loy	Klow, mg.	X empro	新教教	Required mg	TAY DOM:	級緊迫		
Month:	X	12 penalion	220 622	Rate gody	C LOW DOMESTIC	Matural et A. S.	*Lount	Willes, S.C.	II Applicable	S WILL S	mwseyem.	P. Section 2	7.3yet a(1920)	E. VALLEY TO STATE OF THE PROPERTY OF THE PROP
7	X	24.0 24.0	229,600 204,800		2.2			ļ			 	 	1.4	
31.7 a	Х	24.0	168,000		2.0								1.2	
7.450	X	24,0	269,500		2.2						·		1,2	
40.	X	24.0												
850V 867E	X	24.0	622,800		1.7						ļ		1.1	
AN IES	X	24,0	313,400		1,8								1.1	
1011	x	24.0 24.0	371,600 352,000	ļ	2.8 2.5			 			 		1.7	;
710	- x	24.0	389,000		2.4			 	···· ··· ···· ····				1.7	
10 Kg	X	24,0	395,900		2.0			 					1.3	
樂日樂	χ	24.0												
203%	X	24.0	796,800		1.5								1.2	
	X	24.0	320,200		0.5					ļ <u> </u>			0.7	
対象	X	24.0	498,900 427,200		2.6			 -					1.7	
2316.7 2316.7	X	24.0 24.0	398,600	 	3,4 3.1		 	 	L	 	 	 	1.9	
1884	x	24.0	452,400	 	1.8						-		1.1	<u> </u>
319 5	x	24,0												
200	Х	24.0	809,000		0.9								0.4	
874	Х	24.0	375,000		0.9			ļ	<u> </u>				0,4	
3,221	X	24.0 24.0	484,300 417,000		2.8 2.4		 	 	 	 	 		1,9	
14.2.1 A	X	24.0	377,000	 	3.0		 	 			 	-	2.0	
234	x	24.0	290,000	 	2.4							 	1.6	
4 42 6 A	χ	24.0												
A TA	Х	24.0	667,400		2.0								1.6	
No.	Х	24.0	311,400		1.8						ļ		1.1	
	Х	24.0	413,000		2.5					·	 	1	1.4	
1880 F	X	24.0 24.0	264,800 346,200		2.1 2.4	***************************************		 		 	 		1.0	
	X State of the	24.0				<u> </u>	l	<u> </u>		I		<u> </u>		
		2- 431 F.		1										:

^{*} Refer to the instructions for this report to determine which plants must provide this information.

		n Number:		3591086	86 Plant Name: Chuluota, Plant # 2										
III. D	aily Data	c for the V	onth/Year	of:	August, 2007										
Means	of Achievi	ng Four-Log	Virus Inacti	vation/Remov		Chlorine J	Chlorine D	ioxide	C Ozone	Com	bined Chlori	ne (Chlorat	nines)		
T UK	traviolet R	Radiation		er (Describe):		,			, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	, 5511		(
Type o	f Disinfe	ctant Resid				₽ Frœ Ch	lorine l	Combir	ed Chlorine	(Chloramine	cs) 「	Chlorine I	>loxide		
1 4 2	2.33	(3a de 24a	400	AND SEE PL	e de la companya del companya de la companya del companya de la co	PLANE DATE			A STATE OF THE STATE OF	Sale Ser	Amilionale.	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	BASE TO THE REAL PROPERTY.		
	0.35			0.00	2 8 2 3	A34 16 6				前老者	a trace of	20.7			
2.4	17.43		A Trail Land	200	No. 25 of 26 of 18	13857475		2		等数源	多数数数		Art. State		
34		10	A HISTORY	1. 1. 1. 1.	THE DAY	建 心理制。	可對於主義	7 / 10		多生活	多一种 物	16	源上了以北		
				サゲかど		TATE OF			1999	第4 代	1 推 第 1				
35.0			April Dustriery		THE PARTY OF THE P					18 2 3 5		Name			
	A PLANT	医器式 公	ent popular			使影响			10.1 X	医主动	L WIT			在一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个	
		1990 W	MY To		TO THE PARTY OF					MINIMUME	Specialing.				
MOON!	A Van		1	一种基本		***		1			松上面				
	X	24.0	144,830		1,9	NA TRANSPORTER	THE PERSON NAMED IN	7.2		Michigan and Conf.	Tani ar zazadoni premi	10-30-36-1-02-0	1,1		
2.0	X	24.0	129,090		1.8				<u> </u>				1.2		
	X	24.0			1.8								1,1		
	X	24.0 24.0		 	2.2	<u> </u>	-					ļ	1.2		
爱子! 图录为	$\frac{\hat{x}}{x}$	24.0		-	2,0	 		 -	 			 	1.3		
10 m s	X	24.0			1.9	·	+	 	 		<u> </u>	 	1.2		
是斯拉	X	24.0			2.9			f T					1,9		
密 攻战	X	24.0			2.9								1.9	·	
建订联	X	24.0 24.0	330,050		2.8								1.8		
(A) (A) (A)	X	24.0	365,140	<u> </u>	2.9		 	ļ		 	 	 	1.8		
1 5 A	X	24,0	716,260		· 2.1		+	 	 		 	 	1.0		
差島落	X	24.0	349,500		2.4		† 	1	 	 		 	1.5		
海山赤洋	X	24.0	407,790		2.5								1.5		
的情報	X	24.0	406,050		2.5	ļ	_				<u> </u>		1.6		
(A) (B) (A)	X X	24.0 24.0	360,240 432,370		2.1	ļ	 	 -	ļ	<u> </u>		 	1.5		
S2132 1	X	24.0	432,370		2.3	 	 	 	 		 	 	1.3	 	
COLORS.	X	24.0	850,210		2.1	 		<u> </u>	1-		1	1	1.3		
222.66分	Х	24,0	387,130		1.9							Ī _	1.1		
A 200	X	24.0	477,780		3.4								2.2		
198	X	24,0 24,0	422,010 387,570	-	3.1 3.0	ļ		ļ	ļ	 	 	 	2.0		
	X	24.0	281,490	 	1.9			 			 	 	1.9		
2	x	24.0	201,770	 	1,7		+	 	 	 	 		1		
100	X	24.0	695,760		2.7			!			1	†	1.8		
6	X	24.0	295,330		2.1		1						1.1		
	Х	24,0	436,830		2.3							ļ <u>.</u>	1.2		
	X	24.0 24.0	323,700 308,970	 	2.4	· · · · ·	 	ļ		ļ 	ļ	 	1.3		
	X	24.0	10,051,970		2.3	i		<u> </u>	L	ì		٠	1.3	<u> </u>	
1		7.45	324,257	4											
-/- (i - 1)	rida / sarke			4											

^{*} Refer to the instructions for this report to determine which plants must provide this information.



Daily Finis	shed-Water Pro	duction for the l	Month/Year of :		August-07						
Community	Wilder Custom	(C)A(C) blome:	Chuluata								
Public Wal	ter System (PWS	S) Identification N	lumber:	3590186		······································	· · · · · · · · · · · · · · · · · · ·		· · · · · · · · · · · · · · · · · · ·		
6 P. A. 4	Plant Name	Plant Zilläme	Plant 3 Name	3590186 Plant Sharnes	REMARKS	Right 6 Namer	Plant 7 Narous	Plantis Name	FRED PRINTED	Plane Owners	SELECTION OF STREET
100	, , , , , , , , , , , , , , , , , , ,			Of the second se					Call of the case o		
100	P ilone d										
	Plant 1	Plant 2		<u> </u>							SECTION IN SEC.
	Well I G Z	VV8 3 6.4	io de a la residencia de la composición de la composición de la composición de la composición de la composición		Total State of the Control of the Co	All the second second second second		7 P T T 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	en 18 i kin taat herri maagaan arabah in t	ANY STREET, SHEET,	PART SHOW
	700 000	NAME OF THE		UNITED MEXITYEE	adv. Abelerad C	becit/terrescut	lant, gallone per	(08) 2 7 3 4 5 4 5 4 5 4 5 4 5 4 5 4 5 4 5 4 5 4	100		HE WANTED
	720,000 888988 Jacks	000,080,1	TO DESCRIPT THE SHARES OF THE	CONTRACTOR SUBSECUTIVE TO A		Maria i rusku ne vista ⊐ar k	and the second second second			in the series of the series of the	1,800,000
	229,600	444 833		S AND SECURITIES OF SE	DIDISTRO WATER I	GOOD ON EACH	Malaur Ballouak	73.47.7.2			1,800,000 1,800,000 1,000,000 374,430
English Mark	204,800	144,830 129,090									
	168,000	132,140			 						333,890 300,140
	269,500	198,220					·		~		
	311,400	206,305	 	 					 	 	467,720 517,705
	311,400	206,305	 	 	-			ļ 	ļ	 	
	313,400	216,740	 	 					<u></u>	 	517,705 530,140
12818	371,600	295,130								 	668,730
F/77.4	352,000	289,030		<u> </u>					 		641,030
- U.F	389,000	330,050									719,050
200	395,900	365,140				· · · · · · · · · · · · · · · · · · ·					761,040
	398,400	358,130		 						 	756,530
	398,400	358,130						 			756,530
1/2 9/8	320,200	349,500	<u> </u>							 	669,700
小树 140	498,900	407,790									906,690
特別是令	427,200	406,050	· · · · · · · · · · · · · · · · · · ·								833,250
27 21	398,600	360,240						,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			758,840
STREET	452,400	432,370	··········	 			*			1	884,770
44710	404,500	425,105									829,805
20,82	404,500	425,105									829,605
de la Part	375,000	387,130									762,130
122	484,300	477,780						}			962,080
¥ 423 × %	417,000	422,010									839,010
Z4 4	377,000	387,570									764,570
为45544	290,000	281,490									571,490
33 20 H	337,700	347,880									685,580
74.74	337,700	347,880									685,580
1.4	311,400	295,330									606,730
不容明的	413,000	436,830									849,830
等的統	264,800	323,700									588,500
建筑建筑	346,200	308,970									855,170
TOUR	10,956,800	10,051,970							*17		21,025,770
	353,735	324,257									678,250
MAKERA	498,900	477,780					11.47				962,080



See Pages 4 for Instructions.

. General Inform	tasa decions.	Year of: September	ır, 2007			
. Public Water S	ystem (PWS) Inform	ation				
PWS Name:	Chulupta				PWS Identification Number	3590186
PWS Type:	✓ Cammunity	Non-Transient Non-Comm	unity Transient	Non-Community	Consecutive	3370.00
Number of Service (onnections at End of Mont	h: 1410			al Population Served at End of	Month: 4,935
PWS Owner.	Aqua Utilities Flori	da			 	
Contact Person:	William Trendel			Co	ntact Person's Title:	Senior Operator
Contact Person's Ma		140 Hope Street		City: Longwood	State: Florida	Zip Code: 32750
Contact Person's Tel-		(407) 339-5424		Co	ntact Person's Fax Number:	(407) 339-7490
Contact Person's E-N		betrendel@aquaamerica.c	om .			
	nt Plant Information					
Plant Name:	Chuluota				Plant Telephone Number:	(407) 339-5424
Plant Address:	118 7th Street			Çity: Chuluota	State: Florida	Zip Code: 32766
Type of Water Tream		✓ Raw Ground Water	Purchased Finished Wa	ater		
Permitted Maximum	Day Operating Capacity of	Plant, gallons per day:	1,800,00			
Plant Category (per s	ubsection 62-699.310(4), F	.A.C.): [V		Plan	Class (per subsection 62-699.3	t0(4), F.A.C.): C
Licensed Opera	tors	· I Z Name · · · · · · · · · ·	Licen	se Class License Numb	er 自由文字标题/PADay	(s) W.Shift(s). Worked
	ator: William Trendel		lc lc	6411	Days 1st Shift	
Other Operators:	" (
A 1 C 1	Terrence McCarthy		C	4617	Days 1st Shift	
) P V)					
	g de ade					
) (e. 1					
	er Notae					
Construction of the last	1 (())					
	Lead/Chief Operato					
i, the undersigned	! water treatment plan	t operator licensed in Florida,	am the lead/chief operat	tor of the water treatmen	t plant identified in part I o	of this report. I certify that the
information prov	ided in this report is tr	ue and accurate to the best of	my knowledge and belie	f. I certify that all drink	ing water treatment chemi	cals used at this plant conform to NS:
International Star	idard 60 or other appli	cable standards referenced in	subsection 62-555.320(3), F.A.C. I also certify	that the following addition	nai operations records for this plant
were prepared ca	ch day that a licensed	operator staffed or visited this	plant during the month	indicated above: (1) rec	ords of amounts of chemic	cals used and chemical feed rates: and
2) if applicable.	appropriate presement	process performance records.	Furthermore, i agree to	provide these additional	operations records to the	PWS owner so the PWS owner can
retain them, toget	her with confice of this	report, at a convenient locati	on for at least ren vears	- Land to an employed	· observer asserte to min	THE STATE SO THE LANG OMUEL CHE
i.	and the surface of this		on to: at locat ton years.			
11/2		0/0/05		· 		
	-di- 25 _ / (4014	William Trendel		·	C6411
Signature and Date		,	Printed or Typed Name			License Number

WS 16	entification	Number:		3590186		Plant Name:	Chuluota, Pl	ant#1						
			outh/Year c	of:		September, 200	7							
***			Virus Inactiv			hlorine		oxide	Ozone	Comb	ined Chlorir	ne (Chloren	ines)	
	raviolet Re			(Describe):		,	Cittor Eld D.	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,						
) Other		Lution Systems	Free Chlo	rine [Combine	d Chlorine	(Chloramine	s)	Chlorine D	ioxide	
ype o	f Disinfec	tant Resid	ual Maintain	ied in Distri	bution System:	WEST AND LESS	5.2.0.223		Wall Tala	inglion sif A	milicable!	200	於正義和	AND PROPERTY OF THE PARTY OF TH
2 A	34		7	,表现是G	Hisalculations, or	CONTROSC. TO	Octrositre	CON-1508			No. of IVal	iosc.		是一种最大的
30	27 - 152 · 15				A STATE OF THE STA	A gry GT Calc	elations in	6. A44. 3	Land Service of	E TO THE STATE OF	がみばいまっ	34-36	**************************************	
15 C 24.5	S.X.	复数有效	the law way	2. 建建设	一种强度产担任		Lowest 4.1	12 13	4			37 M		TO THE REAL PROPERTY OF THE PARTY OF THE PAR
4	# 1 m	27.40		200	30年10年11日	Distillerunt	Previded					i and A		工工工工工工工工工工工工工工工工工工工工工工工工工工工工工工工工工工工工
1	Days Plant				A over Rendbal	Contrict Titre	Below or st			A LA		Minmon	Tower Kending	
	Staffed or		Net Quennty		Districtmen	HONC	First	1		R. F. Wall	e Totalest	LIV Dose	Carameter at	Fine Mericky About me Operating
¥.	Visited by		of Finished	***	Condentation (C)	Measurement	Gustomen		1.5		Doeration	Required	Remote Point in	Gottlinger Repair of Maintenance-Work t
lay of	Орегани	Hours plant	Water	(1 -) (3 -) (3 -) (4 -)	Before or at thist	Pomcuuring	Daning Hook	Tenio of	A VIII	Convict no	"UV Dose."	#W	Distribution	Involves Taking Vale System Componer
tho :	-(Flace	ुन्हें स्ति। पर	Producted;	Peak Flow	CHAINER DAME	THE CALL	Think and	Materio	il Apelicable	三 和此	mW sec cm	sec/on	System, mg/L	Out of Operation
MOTION.	3 (X) "	Operation 24.0	305,200	Kate, gpd.	2.5	35 Subdiners/15	2. THEFT		7.7				1.6	Emergetic on Abadomic Speraing Continuous Repair of Maintenantics Work of Involves Taking Water System Componer (Out of Operation)
3.	×	24.0	200,400		E.J			1						
1	X	24.0	200,400		1.8								1.6	
74	x	24.0			1.3								0.5	
÷5 -0	X	24.0			1,3								0.5	
6	X	24.0	297,600		3.2						<u> </u>	 	2.0	
7	Х	24.0	320,000		3,3		<u> </u>		}		 	 	1.7	
g	X	24.0			2.7			ļ	<u> </u>			 		
:9 :-		24.0					 	 	}	}	 	 	1.2	
10:	X	24.0		<u> </u>	2.1		 	 	 		-		(J	
1)	X	24.0		 	3.0		-	 			-		2.1	
.[2]	X	24 0		 	2.3		 	 		· · · · · ·			1,4	
14	X	24.0			2.5			 	 				1,4	
15		24.0		} -	2.4		1					<u> </u>	1.4	
16;	 ^-	24.0									<u></u>		 	
17	X	24.0		1	2.0					<u> </u>	 	 	[:]	
18 :		240			2.5				ļ	 			1.5	
. 19	X	24.0			2.2		ļ	 		 	 		1.5	<u> </u>
.20	X	24 0			2.4	<u></u>	 	 	 	 	 		1.7	
217	X	24 0			2.8		 	 		1,	+	 	1.7	
22 -	X	24.0			2.6		 	+	 	 	+	1		
23		24.0			2,1 .		1	+	 	-	 		1,2	
24	X	24.0			2.1	 	1	+	 				1.2	
25	X	24.0			2.2	 	 	1	1				1.2	
26 .		24.0			2.3				-				1,5	
27 .		24.0			2.2			1_	}	<u> </u>			1.6	<u> </u>
29	 ^-	24.0						i				<u> </u>	 	<u> </u>
30	Х	24.0			1,8	· ·			1				1.0	
. 31	X	24.0		i										
	1 17 (4.77)		7,689,600											
Avgerage 256.320														

^{*} Refer to the instructions for this report to determine which plants must provide this information.

PWS Identification Number: 3590186 Plant Name: Chuluots, Plant # 2														
III. D	aily Data	for the V	onth/Year	of:		September, 200	37							
Means	of Achievi	ng Four-Log	Virus (nactiv	vation/Remov		hiorine		invide	C Ozone	Comb	inad Clainei	ne (Chloren	nin ee)	
	traviolet R			er (Describe):			AUDITO D	~~~	, Ozone	, come	wer curon	ne lentorat	18169)	
Type o	f Disinfe	ctant Resid				Free Chie	orine [Combin	ed Chlorine	(Chloramine	s) [=	Chlorine E)iovide	
15 1 7 E	Fig. Car	200	建设型 集设计 记号		TE CHILDREN ASSES			Call Lab	Wiene Inna				one de la	10 年 - F V - 市 12 E V - 市 12 E V - 市 12 E V - 市 12 E V - 市 12 E V - 市 12 E V - 市 12 E V - 市 12 E V - 市 12 E V -
View Co		100000	第4 字/学	TO SERVICE STATE	, Calculations of		THE STATE OF THE S	LOM TOR	7 11 US 111AC	nyamousu z	E SELECT		李麗大学,至	
	The Care		是等語為立	The second second				3444	7.4		1000	24 77 2142		
	1000	"是是'全'					Lovet CT			建设		2 3		
1400	Tave Plant	13.5	1 W			Disjustections	T work			1.0				
1 AV 6	Stiffed or	100	Nei Quantity		Disinfectant 4	T 2 32				3.3		Monagen:	The interior	
3.00	Visited by	1.00	lot Finished	The same	Concentration (6)	Messuchen	Cistone .	1. 数件 4	11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	177	Lowest	THY Dose	Contentration at	Panergency or Appointed Operating
Jony of	Operator.	l-toms plant	Water !	中国企业	Hefore of at Firsts 1	- Point During	Duting Bear	差 。227	"拉"。	Minimum CT	Operation	Required	Remote Point in	Conditions Repair of Maintenance Work that
Man	17(11)200 n	[文型影	Producted -	Pook Flows	Curiomer During	m Reak Flore	Flow mg	Legipol	pH of Water	Required in a	UVADose.	FMW3	Distribution	Involves Taking Water System Components
2 1 2	X	Z4.0	323,520	· Kare- Spot	2.2	Samming	AC SEADILY PROPERTY.	HANGEL C.	и сорисавіе	ar anny Ess	m Wisec/cm	//sec/cm	System-ing/E	Panergency or Apportual Operating Conditions Repair of Manntonance Work that [myolyes Taking Witter System Tomponents Out of Operation A
-2.5		24.0	212,215		6		 	 				 	1,3	<u> </u>
1 3	X	24.0	212,215		1.7		1	 					1,2	
. A. i	X	24.0	378,590		1.4								0.6	
. . 5, -	X	24.0	364,630		2.3								1.3	
. 6 7	X	24.0	339,670		2.1					ļ			1.2	
8		24.0	319,480 290,600		2.3 2.2		 		-	ļ			1.3	
_ 9		240	341,475	 	٠.٠٠		 					ļ		<u></u>
1.0	Х	24,0	341,475		2.4							 	1.4	
, bl	X	24.0	312,200		2.5								1.4	
12	X	24.0	303,600		2.2								1.3	
13**	X X	24.0	198,110		2.0			ļ				1	1.0	
1.15	Ŷ	24.0 24.0	300,540 337,230		2.2			 				 	1.2	
16	~~~	24.0	347.305		2,0		 				· · ·		····	
. 17	×	24.0	347,305		2,4				·				1.5	
18	х	24,0	247,780		2.5		<u> </u>						1.4	
.19	X	24,0	316,540		3,4								2.3	
20	X	24.0	271,310		2.6		<u> </u>	ļ					1.7	
21	X	24.0	372,900 280,030	 	1.6 2.!			 					1.0	
23		24.0	279,660		······································	····		 		 		!	[,1	
- 24	X	24.0	279,660		2.6		}	 				 	1.6	
-25	Х	24.0	322,610		2.2		 -	1				 	1.4	
26	X	24.0	322,080		2.5					Ì			1.5	
27	X	24.0	344,480		2.5								1,3	
28	X	24.0	315,000		2.4			ļ					1.4	
30	X	24.0 24.0	291,390 291,390		2.		 	 				!	1.2	
31	Ŷ	24.0	271,370	i		·····	 	 		-		 	114	
Total		7.7 9 7 7	9,134,990		······································					<u> </u>				<u></u>
Avgerage														
Maximum	T		378,590											

^{*} Refer to the instructions for this report to determine which plants must provide this information.



MONTHLY OPERATION REPORT FOR SUMMATION OF FINISHED-WATER PRODUCTION BY CWSs THAT HAVE MULTIPLE TREATMENT PLANTS

Daily Finis	shed-Water Pro	duction for the	Month/Year of :		Sept. 2007						
Community	y Water System	(CWS) Name:	Chuluota								
- DOILC AASI	er System (PVVS) Identification N	iumber:	3590186							
4.4	Pant Name:	Plant 2 Name	Plant 3 Name:	Plant4 Name	Plant 5 Name:	Plant & Name:	Plant 7 Name:	Plant 8 Neme:	Plant 9 Name:	Plant 10 Name:	
			į		}						
	Plant 1	Plant 2	[1	ļ	ļ i		\	}		
	Well 1 & 2	Weil 3 & 4			1					<u>}</u>	
Day of Morth	THE PART OF		Per	multipolitica Michellium	Day Operating C	apacity of Each F	lant, gallens per	day # 1	A STATE OF THE STA		Total
Day of	720,000	1,080,000									1.800.000
Month."	经 基础		"看""自己"的。 "	√Net Quantity of	Finished Water	Produced by Each	Plant, gallons	ways was the			. Foldie V
7.710 a.	305,200	323,520									628,720
2.	200,400	212,215							. 		412,615
593.18	200,400	212,215									412,615
大為 泰。	443,700	378,590									822,290
\$ 5 F	338,100	364,630									702,730
6 (297,600	339,670									637,270
7	320.000	319,480									639,480
8 **	328,500	290,600									619,100
9 -∑	355,900	341.475									697,375
10 3	355,900	341,475									697,375
	280,700	312,200									592,900
-12 7	301,400	303,600									605,000
13	248,000	198,110									446,110
<u>.</u> 14	250,700	300,540								,	551,240
15	330,700	337,23 0									567,930
/16 / J	343,200	347,305									690,505
17.	343,200	347,305									690,505
. 18.	295,100	247,780									542,880
19 1	130,700	316,540			_			•			447 240
20	142,800	271,310									414,110
21	214,900	322,900									537,800
22	144,400	280,030									424,430
23	177, 70 0	279.660									457,360
24	177,700	279,660									457,360
25	182,200	322,610									504,810
26	202.100	322,080									524,180
27	250,600	344,480									595,08C
. 28	200,000	315.000						<u></u>		1	515,000
29	163,900	291.390								 :	455,290
30	163,900	291,390	;							<u> </u>	455,290
31							-				0
otal	7,689,600	9,154,990	i i	1. 2. 2. 1		8.84 Zan	: ,	1.000		235	16,844,590
/g	256,320	305,166									581,486,330
ax.	443,700	378,590		4.1.4		The Tell			影響的		822,290

MONTHLY OPERATION REPORT FOR PWSs TREATING RAW GROUND WATER OR PURCHASED FINISHED WATER



See Pages 4 for Instructions.	
L. General Information for the Month/Year of: October, 2007.	
A. Public Water System (PWS) Information	· · · · · · · · · · · · · · · · · · ·
PWS Name: Chuluota	PWS Identification Number: 3590186
PWS Type:	Transient Non-Community Consecutive
Number of Service Connections at End of Month: 4410 1915	Total Population Served at End of Month: 4,935
PWS Owner: Aqua Utilities Florida	是是是大型的 我们,我们是这个主要。这些一种的特殊的" 是我 的",他是他们在这个一个情感的知识。
	Contact Person's Title: Senior Operator (5)
Contact Person's Mailing Address: 140 Hope Street	City: Longwood: State: Florida Zip Code: 32750
	Contact Person's Fax Number: (407) 339-7890
Contact Person's E-Mail Address: betrendel@aquaamerica.com	是一个,就是国际的特别。
B. Water Treatment Plant Information	
Plant Name: Chuluota	Plant Telephone Number: (407) 339-5424
Plant Address: 118 7th Street	City: Chuluota State: Florida Zip Code: 32766
	urchased Finished Water
Permitted Maximum Day Operating Capacity of Plant, gailons per day:	
Plant Category (per subsection 62-699.310(4), F.A.C.);	Plant Class (per subsection 62-699.310(4), F.A.C.): C.S
The state of the s	
	Days 1 St Nift
CHERCE MICHINITY	
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	· 我们是"我们"的一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个
	THE SECRET PROPERTY OF THE PRO
4. Certification by Lead/Chief Operator	
I, the undersigned water treatment plant operator licensed in Florida, am t	he lead/chief operator of the water treatment plant identified in part 1 of this report. I certify that the
information provided in this report is true and accurate to the best of my	mowledge and belief. I certify that all drinking water treatment chemicals used at this plant conform to NSF
International Standard 60 or other applicable standards referenced in subs	ection 62-555.320(3), F.A.C. I also certify that the following additional operations records for this plant
were prepared each day that a licensed operator staffed or visited this plan	it during the month indicated above: (1) records of amounts of chemicals used and chemical feed rates; and
(2) if applicable, appropriate treatment process performance records. Fur	thermore, I agree to provide these additional operations records to the PWS owner so the PWS owner can
retain them, together with copies of this report, at a convenient location for	
Guaritationi, asgerilor with copies of mis report, at a solution registration to	
11/1/2011/1/07	William Trendel 7
- WILLIAM STATE IN THE	Printed or Typed Name License Number
Signature and Date	Filines of Types (value)

MONTHLY OPERATION REPORT FOR PW"Ss TREATING RAW GROUND WATER OR PURCHASED FINISHED WATER

Daily Data	for the M	outh/Year	of:		October, 2007	1		-	(P. 1. 2	1,44		1.	
		Virus Inactiv		al: 📝 Free C	Chlorine I	Chlorine D	ioxide	Conc	Com	bined Chior	ine (Chlora	mines)	
Iltraviolet R			r (Describe)		•		.0	,	7	011100 011101	(0		
of Disinle	ctant Resid		-	ibution System:	Free Chlo	orine f	Combi	ned Chlorine	(Chloramin	es)	Chlorine	Dioxide	
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	371 171		er in Arrest					SAMPLANTED	A CHARLET		TALEN TALE	是一个野生	拉拉拉克斯里 医环状腺
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nar 🖓		特益流			尼普洛斯	建筑方面 扩	13.76	特别,亦他	建筑	ar di	A COS		Both St. S. a Chief Warres a Lew Man
			中国中省 第			-III Wiles	10		经 基件	1100	2 3 4 4	Title in the	Tarley de la contraction de la
$\mathbf{X}^{'}$ $d\mathbb{P}$	24.0	233,700		ASSILATE SAL				1 2	5 3 4 3	1510	110	国际的国际	文宗 和诗种。 第4次回题 [1947]
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. X.	24.0	204,000	<u> 1975 - 1974 - 1</u>	23. 美宝	1	1870 - 28	1.9					4.4	1 74
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1 (4x) X	24.0	91,500 170,700	113 <u>- 201</u>	32.2 N. 57	Sirve Barrier	4.61	732	10 A	1 1/3 - A 1 4	() () () () () () () ()	118 177 : 1 389 2 (12.5)	120.0019 1477 .	
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- X::X	24.0	172,700		1.7	B	320 25	1 4 7	7 8 7 1 1 1 1	a Program	34,8	7	7 1.25	
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X 12	≈5. 7;24:0	283,500	a si king	2.2 計算 1		2 · 124 · 15	- Medicine	Fig. 18	1. 444	- X	1. S. 1. S.	A 7 13	事。 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.
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[2] · (X2)	24.0	282,050		14年7月0.74年 初台	TAGE TO SHOW OF		1 h	3100 c 2, 8	319000	***	registration in the	0.6	· 机连续 · 位在 · 广东 · · · · · · · · · · · · · · · · ·
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is X	24.0	. 196,550	100	2.3		- 1870	18 v .	2 1 8	包装铁板。	813.	Sec. 3.	注题6 6公司	HELLEN E. B. J. T. B.
¥ .X	24:0	204,700	100	(1) (2) (2) (3)	The state of	12 E		4.6	2. Ric 3-13.	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	id.	3. H-14 (4)	3000 Y 10 F 20 C 10 C
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ill⇒ X	24,0	164,900	i H	2.20	8 to 25 22 25 25 25 25 25 25 25 25 25 25 25	3	82 4		Section 1	1 To 1 To 1		1 14.41.6 5	
i i X	24.0 24.0	172,100	ilizato injeriti iz Postava	22.	2.0	C.Pr 11.	1 4.7.11	THE STREET	The state of the s	\$ 100 mm or 4453	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1.6 84	日本の 1982年 - 1982年 - 1983年 -
(20년 전투) 1월 (X 년	24.0	137,800	1. 12.28 (a. 2. (8) 1.442	- 51型 2度 (報刊) カッコカンジョ	(Jan. 17	34 / 201	4.		10.65	ter in the	हरे हां भूतियु	3 3 3	[1] [1] [1] [1] [1] [1] [1] [1] [1] [1]
9 10: (A)	24.0	4-123,200	;;;;l. 7:27	31. 10.9 pg			3 (Z)	1 3 3 3 3 3 5 5 5 5 5 5 5 5 5 5 5 5 5 5		100	15.	0.6.71	32100 330834 3455
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17 18 18 B	A SUC	6,486,500	. 500 5 4			1.7	III	<u> </u>	e winder: Seg	1	F		
OT 1, Car 492 (48) (48)	C. 18 15	211.330											

^{*} Refer to the instructions for this report to determine which plants must provide this information.

MONTHLY OPERATION REPORT FOR PW"Ss TREATING RAW GROUND WATER OR PURCHASED FINISHED WATER

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of Disinfe	ctant Resid	lual Maintai	ned in Distri	bution System:	Free Chile				(Chloramine		Chlorine L	Dioxide	The second street of the secon
	100		有一种 。2	ir estentialisms, a	建成为自然的 。但6	PETER C	4000000	A contract	William III	riphospie.			
	100	新花花 棉				推出。其里	2. 大学		2442	FEBRUAR			
1					51 6 2						77		
		14.0					100						
33 6 19 6			4.0	并从上部的 流流	1000 1000	fig. and a short in			52.4			强烈是 点的说	議是的數學的學習時代
130	211			美華開展 1000	1 + 1 + 1 = 1	(人) 前书。						्रमा क्रिक्ट	
Million Contraction	4.0			基到的 加州安全		tending.				The Market	第二十	Hore Strain	the state of the s
1516.740	1300			Tribus, sanding	· 生成動物質	griff in the			和加利司			建原定增强	A the state of the
		建 烟草型	图 周 图		是是是多点	提供单度"自			操机				可能是1000mm。 1000mm,1000mm,1000mm,1000mm,1000mm,1000mm,1000mm,1000mm,1000mm,1000mm,1000mm,1000mm,1000mm,1000mm,1000mm,1000mm
1 X X	24.0	204 (14)	ALC REPORTS	B TOP TOWN IN COLUMN			AT LEAST TO	N STEP TOWNS	STORING NA	m Area Const			
ALIX.	24.0	386,510 262,130	3 (143 (144))	118 545.5		1.01	100	2 2 2	5. 5.5 y 3.7%.	3.12	4 3 7a	12	
1 5 X	24.0	282,070		7 75	The state of the s	क्रीन क्यान	11-22	1975		48.78	1 19 19 19	H. 16"	
· ··X	24.0	323,590	74 (*** . # <u>}</u>	2.4.		344	112		760	2.2		DC 4681.5 1.45	A A A A
Mark X	24.0	297,760	131 6.36	2.6		37 379			T 18 1 18 1		15.	ST 10104 3 %	
X	24.0	271,060		24 4 25 164		Mr. 18.	500	[A]F . 1[e ja e judijelija	14 L S	14-1165h	对多点结果的 "我们是有关,
હે. ફેંમનોને હે	24.0	320,780	# #	电影性影响通過	list again	16. 建胶层			略	企业的	A. A.	"海」整个人们等	《初期股本产职,译解 》是《集
* X:4	24.0	320,780	种心式为	(1.3 · 12.5) (41) (4			7.3	日・寛教		19 W		和福14 上記	经的股份,并是一种各次元素。在
*X	24.0	291,190		1-4 1987	经制度 推合		山路上			·33	127	基理10	· · · · · · · · · · · · · · · · · · ·
11 X (3)	24.0	338,080		2.2	Section Con		bet b	100	12 19	1. 1. 1. 2°	ia a	113	
, X	24.0 24.0	363,390 340,130			THE COURSE	4000000		10 (8) 25 (4)	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	- (4) (1) (b)	i i	1, 18 01.3 Sires	
X	24.0	355.930	3 11 st, 14s	33 X 32 9 3 3 3 4 4 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5		4 44 44	12.87	(年, 会报人			22	14133	
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7 . X3	24.0	349,450	gir desemble	- 3.18 · 32.18 · · · · ·	G 10 10 -	74 12 14	St. 75	ile in be	3	en gwyr al,	15 16	F 20 61 4 1 1 2	arching was and a con-
5.3X 76	24.0	366,140	Salvania Afr	27 -0.1 38 S	1 7 m	1 274	37 X	THE THE	10 July 1	No. 1		1.2.0	
\$15 X 2.0	24.0	速: 380,280		2.6 t	200 L 174 1	15(3)	winds of a	118	S. W. W.	5 to	4.19	217	加州 市上海 12000年 区
. £X** 4	24.0	332,560	- 198 <u>8</u>	3.0	14.24	ALC: MARKET	語が設			1 1196	3 4	32.0	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1
17X 5	24.0	347,760	्रक्षा है व	2.6		第一条 [2] 法	11		1 1 6	35.693	- 2 66	1.74	
9 5 C 1 1 1 1 1	24.0	309,060	\$ 79G S		群 经验证	3.4	ا والغد قاد		15. Te	7375		11 12 12	
Xi	24.0 24.0	278,010		1.9	11.	N. A. S.	1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	30 an		9	9414 M	And the second s
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X	24.0	352,440	23(4.52)	2.9	15 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3 7	- : - : - : :		w i	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	<u>بر ج</u> د ج	· % 2.0	
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airix	24.0	283,020	3. 78 s. 6. h	137	E en	25. 10.5		1 2 3	100	13 55 4	14. #	14 6	
G X		251,440	14 Po	1.9	斯斯	4.4	·#	2-3/4	erra i i i i i i i i i i i i i i i i i i	张 在现在	To the second		St. St. No.
1 X	24.0	255,420		2.3	1.5		() ()	E . 2	1446 3444 (1)	1. 7	· •	S 125	

^{*} Refer to the instructions for this report to determine which plants must provide this information.



MONTHLY OPERATION REPORT FOR SUMMATION OF FINISHED-WATER PRODUCTION BY CWSs THAT HAVE MULTIPLE TREATMENT PLANTS

			Month/Year of :		October-07						
	Water System		Chuluota								
	er System (PWS			3590186							
쓸글 걸음	Hamas	Plants Name:	Plante (Varian	MEDICAL TIME		建加美加加其	Plan 7 Name	HEIMENERS	自動物的資		
	Plant 1	Plant 2	i		Ì			1	1	1	
	Well 1 & 2	Well 3 & 4					İ				
		PRESENTATION		TO PARTIE BRIDE	normality dettol	CHARLES AND COMMENT		开入时间 地名阿 尔			
dill gor	720,000	1,080,000		TO SHAPE TO SELECT	AN EXPORAGE SUPERIOR	NEW TAXABLE PARTY	Box Him Halland Rec		A CHARLES	部[] F HLG キョウスをおかけた(26)	1,800,000
Manife				PARTITION AND THE	HE TYPEN AT THE		adian vallare			Water States and the	
9-0-3	233,700	386.510		SAME AND ASSURED VINCE	CHARLE TO THE STATE OF THE STAT	HAMMEN IN THE	WING SET DESCRIPTION		Allen (2008) - Contract	A CHARLEST AND CONTRACTOR	620,210
	106,700	262,130							 	· · · · · · · · · · · · · · · · · · ·	368,830
	97,500	282,070						 	· · · · · · · · · · · · · · · · · · ·		379,570
1 4 3	204,000	323,590		<u> </u>				 			527,590
Take 1	168,600	297,760	·						 		466,360
र्क्ष इन्हें के क्रिकेट स्था	91,500	271,060						 			362,560
	170,700	320,780									491,480
2.1	170,700	320,780									491,480
	172,700	291,190					· · · · · · · · · · · · · · · · · · ·				463,890
\$ 4n 3	206,900	338.080									544,980
	271,300	363,390									634,690
	283,500	340,130						<u> </u>			623,630
	308,600	355,930			· · · · · · · · · · · · · · · · · · ·		***************************************		··-		664,530
i ver id	282,050	331,410		<u></u>							613,460
3 / July 174	282,050	331,410									613,460
	268,800	349,450			· · · · · · · · · · · · · · · · · · ·						818,250
	300,500	366,140			,						666,640
	265,700	380,280									645,980
	331,600	332,560			-						664,160
PO (6) 31	272,500	347,760									620,260
\$ A U 4	196,550	309,060									505,610
**************************************	196,550	309,060									505,610
4. 1. The 1. 1. 1.	204,700	278,010									482,710
S var Sil	248,200	327,970									576,170
N 0 5 (2 J. 19)	268,500	352,440									620,940
10 Ki	164,900	272,700									437,600
_ · 0 * · i]	172,100	289,180									461,280
and the state	137,800	283,020									420,820
	137,800	283,020									420,820
36 2	123,200	251,440									374,640
S 40.5 mil	146,600	255,420	_								402,020
folg: E	6,486,500	9,803,730		[[] "] "] "] "] "] "] "] "] "]	建筑多级	19 11 11 12		为于"利"的	第次 等 技术事	THE PARTY	16,290,230
30.	211,330	316,249			建物油 推拔						525,491
Da La	308,600	386,510					计算程序模式				822,290

MONTHLY OPERATION REPORT FOR PWSs TREATING RAW GROUND WATER OR PURCHASED FINISHED WATER



See Pages 4 for Ins General Informati	on for the Month/Year of:	November, 2007	SALL TIME		ા હજૂ ક	
Public Water Syste	em (PWS) Information					
PWS Name:		W. T. T. W. Green and	7 Mg 1 1 1 2 2 2	PWS Identificat	ion Number:	3590186
PWS Type:	Community Non-Transie	nt Non-Community	ransient Non-Communi			
Number of Service Conn	ections at End of Month:	1410	12 E 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		at End of Month:	4,935
PWS Owner:	Aqua Utilities Florida		Control Control		र स्वास्त्राहर	
Contact Person:	William Trendel	· · · · · · · · · · · · · · · · · · ·	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Contact Person's Title:	Senior Ope	ator
Contact Person's Mailing		The second second second second	City	Longwood State: Florida	2.0	Zip Code: 32750
Contact Person's Telepho			人的 学校 的	Contact Person's Fax N	umber: (407) 339-7	490.
Contact Person's E-Mail		iaamerica.com			\$	
Water Treatment I	Plant Information					
Plant Name:	Chuluota		[1] [1] [1] [1] [1] [2] [2] [2] [2] [2] [2] [2] [2] [2] [2	Plant Telephone	Number:	(407) 339-5424
Plant Address:	118 7th Street		City	Chuluota State: Florida	10 10 10 10 10 10 10 10 10 10 10 10 10 1	Zip Code: 32766
Type of Water Treatment			ished Water			
Permitted Maximum Day	Operating Capacity of Plant, gallons per day	:	1,800,000		a di Kina	
	ection 62-699.310(4), F.A.C.):	深语 的 。才		Plant Class (per subsection		
Libraria Kandistar	对上在主义的理论,这种"上心"的"小心"以		PACIFIC CONTRACTOR	memoral de la company	Employed Billi	Dawn Vic
Bankellings at the		会社会 (A.C. 1987 美) 150 ·	CONTRACTOR OF THE PARTY OF THE	6411 Days 1st Shift		
	Roger Gray	第 3 年 1 日 1 日 1 日 1 日 1 日 1 日 1 日 1 日 1 日 1	C'av	14574 Days Ist Shift		
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		· 包含 图 · 图 · 图 · 图 · 图 · ·	N.A. C.			
	1/01/-60					
Certification by Le						
	ater treatment plant operator licenses	in Plorida, am the lead/chie	f operator of the wat	er freatment plant identified	in part I of this rep	ort. I certify that the
	i in this report is true and accurate to					
	d 60 or other applicable standards re					
vere prepared each o	lay that a licensed operator staffed o	r visited this plant during the	month indicated abo	we: (1) records of amounts	of chemicals used	and chemical feed sees
	ropriate treatment process performan			e additional operations reco	rus to the PWS OW	ner so the PWS owner can
retain them, together	with copies of this report, at a conve	entent location for at least fei	ı years.		*	
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_ (Leel	1/3/0	William Tren		and the state of the same	4 · pr	C6411
Signature and Date		Printed or Typ	ed Name			License Number

MONTHLY OPERATION REPORT FOR PW"Ss TREATING RAW GROUND WATER OR PURCHASED FINISHED WATER

PWS Identification	Number:		3590186		Plant Name:	Chuluota, P	lant#1		.					
III. Daily Data	for the M	onth/Year o	of:		November, 200	7		1 10			·			
Means of Achievir				al: Erec		Chlorine D	iovide		F Com	bined Chlori	ne (Chlorer	nines)	<u></u>	
Ultraviolet R			r (Describe):			· · · · · ·		, 020110), Com	SHOW CHAIN	(COROT MI			
Type of Disinfed					Free Chle	vine F	Combin	ned Chlorine	(Chloramin	es) r	Chlorine I)ioxide		
1 ypc (ii 15/sintec	MESSES SALES			ibution System:						Aphicaete		MERCATE MEANER	1210万万元。 1210万万元。	or Paris to the
		ALC: NAME		新国际的		arison Paris		2. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10				4. 3 (1.24)		
	7 S 🖟	1-6-17-25					191				From No. 15			
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	1.69	4			To William	14. 小沙的	學類素							15
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a transmit							200				710	Bragligas Mainer Betom British		igita. Managariy ilo Matalanian (
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and the state			Section 1	Sort and the		50, 96,57	E (i) (i)		Resident in		1007	Alegan dien		ณ์ใช้เรียรกราชการ 4-50g
Medial Bank	D Marion			REFERENCE STORY	elition;	2 100	Stella Le			新花园 鱼		Maharhery.	8.444.8919.0	San like per
a Nar X∰ .	24.0	302,600	(A) (A)	[2] [3.2		2.57	8 3.11	1 1 2 2 1	114.			72.2		
X	24.0	129,200	31	2.4	3 3	1.86	3 31		(A.			3.7	19.4	
X	24,0	200,300	in right	动弹 法2.1 1		20.20	d fo	(2) (2) (3)(以 (3) (3) (4) (4)	350	-	A to the	F 3.3" ii :	Carlos I	0(7 5-3 - 3 - 5
X	24.0 24.0	235,850 235,850	2000	*(\$) *		4.60.00			K frag		is a star	3 3 5		26 3.4
X	24.0	200,100	हिन्दी हैं। नेही जिल्हा	5 m. 1.5		, , , , , , , , , , , , , , , , , , ,	新生 (4) 路 图 (5)	7 235		12.	1	0.7		S. Salara
X	24.0	287,000		£22		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	表 5	2 - 1 - 1 - 1	7425	F. 100	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1.3	二、	5 - 4 - 5 (d) - 4 - 5 - 5 - 5
X*	24.0	339,400	10 H	· 图 2 2 14		(3) A	* 13	1.5.6.	1	15 15 3 5		1.6		
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X.	24.0	368,300		Var. 122	15 3.486	1.5		e dan der		. 1	1,5	1.7		9 5 C
	24.0	355,000	- 48	6-12 St	2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2	4	\$	J. Fill Ix.			#			
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X	24.0	366,400	i i i i i i i i i i i i i i i i i i i	27	7 (2) \$ (4)	N 18 7 17	7-11-5	4 4	3:			11.9		
N X	24.0	378,100	en e des	5.17	107	1.3	7	1 7 73		 		1.0	6.31	
200	24 0	367,150		THE PARTY OF			3, 13				7			
力 文 X	24.0	367,150	1111	1.5			-	12 15 17			1	101	11.	
XIX X	24 0	303,900	- P	: i i i 1.9			1 1	{ '4, }}k	33		7.	14.3		2.11
3 X	24 0	348,300;		(45 lb28		1	7.9	9			1000	2.0	The Market St.	teritor, a
CONTRACTOR OF THE PROPERTY OF	24.0	278,400	1,177	43.42				1.33	ļ	_		1.1	34	- ;; ; ;
X X	24.0	419,700 346,300	<u> </u>	· 图: 18 · 19		7		\$ \$ \$ 0 . 15 \$ 10 . 10 . 20	 	<u> </u>	10	1.2	-	
	24.0	363,100		#1 (# 1#.			4.		25 m			7 7 7	1 14-54	
X	24 0	363,100		104.15		. 19		 	 	1		€),3		
X	24 0	318,900		74 7413			11.			T	7.5 4	0.7	W 4. 65 W 5	
ASTA X	24.0	349,200	1. 19 .5	2.8		,		11				2.0	100 100 100	
X X	24.0	334,100	3 400	::r:-:: 2,8	10,776,99			` \ `				: 20	(1)	
SULE X	24.0	222,100		2.2				1	/	3.3		1.7		
	200 40 200 5				<u> </u>	<u> </u>	<u> </u>	1			<u> </u>			
OTEL CONTRACTOR	3 7 7	9,436,900												
Verrage 1		314,563												
4.5 可加速。	Carrie Char	419,700												

^{*} Refer to the instructions for this report to determine which plants must provide this information.

MONTHLY OPERATION REPORT FOR PW"Ss TREATING RAW GROUND WATER OR PURCHASED FINISHED WATER

WS Identificatio			3590186		Plant Name:	Chuluota, P	lant # 2		100				
BL. Daily Data					November, 200	7 ,						1	
Acans of Achievin	ig Four-Lo	Virus Inacti	vation/Remov	al: 🔽 Free C	Chlorine	Chlorine Di	oxide	Ozone	Comb	ined Chlori	ne (Chlorar	nines)	•
Ultraviolet R	adiation		er (Describe)		•			•	•				
ype of Disinfo	tant Resid	lual Maintai	ned in Distr	ibution System:	Free Chk	rine T	Combin	ned Chilorine	(Chloramine	(s)	Chlorine I	Dioxide	
	5000	F 44 / 44 /		MACHINE AND AND AND AND AND AND AND AND AND AND	THE PROPERTY.	or and the	1	Zaka ka	List Service	WALL F	The state of the s	[15] (15)	拉克克斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯
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	字接 3	16.5	7257						1.8	建划接入	K ()	Late a Mil	
fern wird		100	1.100 年時	S. J. Sections				學。達森的		· \$49.7		Print Am	事情以 医皮肤的医皮肤
· · · · · · · · · · · · · · · · · · ·	747	្យ វិទ្ធភព្ពីស្ថែ		English Fig.	4 00		ā .	化 探测	1757		Shipoto	Aug Land	
The History		\$60 H		· 编译版 16676 2	E TE CHANGE	Full black &		1. 粉透		化图写信	Profit	For Sharen	He was the sent the said fill the
	E III III	Ears Decided a		A Division of Calles	participal.	Take City					racenne et Esta des	R HOLESON H	自由中国的基本。自由,由中国的
and half	6 7 1	Twis.	1.4					100			W	providence of the	मा केंद्रिया - नहीं - १ कार्यासार से क्षेत्रीय से सामकार प्र
X	24.0	59,680	12.00	.Ew. 2.1 51 Th		- 1	ALMINET S.	SERH TO YA	3.44	A S		1.2 %	
X	24.0	270,760	1372.3	24	10 10			3 20	- ON SX	47 th 12 c		1.7	
X	24.0	277,200	- 77	24 1		W 5 7 8	7 9.	21 4 4 4	3 6	14 A 15	y	1.7	
X	24.0 24.0	312,250 312,250		16.	10 mg	1 Table 1 Tabl		24 1 42 1 1 2 2 2 2 3 2 4 2 4	12.00 E	(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	The second	7 3 3 1 1 4 4 5 1 4 4 5 1 4 4 5 1 5 1 4 4 5 1 5 1	(2) 情報を対象を示される情報などで、情報を するとなっています。
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/X	24.0			3.0 4	H 35 49 5			371 5 102	7 2 4	31 (50 fg	F 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3. 2.2 Pist X	The Manager of the Control of the Co
5.2X	24.0	215,080	7.3.79	30	的, 电流	The Party		1		11年11年1	意义 医外腺	高京 2.3 7 南美	1. 16亿美的第三人称单位
X	24.0	185,370	1	16.		· · · ji	2. 漢以	操进于位于	3		· 10 10 10 10 10 10 10 10 10 10 10 10 10	1.0	
XX	24.0	213,840		1.6	द्वार श्री । विकास विकास की	1 30 cd	387	309 7	6 6 6 7		100 Sec. 1	1.0	35 36 36 36 36 36 36 36 36 36 36 36 36 36
20 X	24.0	220,070	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	22.	THE STATE OF THE S	100		CAS .	1.12 (A) (A) (A) (A)	9 T 1.	41,327 SOF	0.7	
X	24.0	185,320	17.5	120 %	3. K. 31	.95.712		mar	4337	111		. W 1.3	
X.	24.0	255,830		2.2	150	188 CA	The second	.		7 - 3	有一角医療:	केंच्य 1.4 ्	
X X	24.0	230,970	<u> </u>	2.5	* 2.3	200	2.2	7	1.5		4 (4)	1.2	14.1%。4. \$85.是第二个
X X	24.0 24.0	216,100		2.4				, ,	234X 2 45 2	34 (1) (3)	17 (A) (1 (A) (A) (A) (A) (A) (A) (A) (A) (A) (A)	1.5	
	24.0	222,465	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3 20 - V	2 2 2 2	4 · · · · · · · · · · · · · · · · · · ·	1		17.75		16.75	1.4	
X	24,0	222,465		2.6.2.2		7.26	7.5	3			1. 1.	1.4	
X.	24,0	190,900	9. 9. 6.	18 (4.7.5) E.	T	30 K		7.4	45) ·	Yes		1.0	
2 X	24.0	254,550		2.8 34 30		11 K 11 K	-	1,545		\$7 CT : 1	46 F	2.0	
XXX X	24.0 24.0	175,990 248,520		31.34 30 31.94 70	1				200	***	7 7 3 <u>1</u>	2.4	
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\$ 200 pt 1	24.0	234,865		9 F 3	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	9.7		Fr		vē,	The party	अपेट	Service State of the Service of
X	24.0	234,865			12 3 2 3	4.7			7	1	1 3 3 1	1.2	
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X X	24.0	232,030 234,300		2.2		23 25 2	-				7 (d) 1. 18 1 - 18	1.4	
Orac X	24.0	135,070		2,1		3 H					1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1.4	
				7.7									
I de la constante de la consta	25.67 1.40 1	6,784,010	***************************************	·		, .			· · · · · · · · · · · · · · · · · · ·				
(4) 627 - 27 - 63		226,134											
muni A	ومرو بطبارومها	382,190	Ì										

^{*} Refer to the instructions for this report to determine which plants must provide this information.



MONTHLY OPERATION REPORT FOR SUMMATION OF FINISHED-WATER PRODUCTION BY CWSs THAT HAVE MULTIPLE TREATMENT PLANTS

/ Finis	shed-Water Prod	duction for the	Month/Year of:		November-07						
munit	y Water System	(CWS) Name:	Chuluota								
c Wa	ter System (PWS	identification N	Yumber:	3590186		•					Market Conference was 1 24 5 7 7
	Plantif Name:	Plant 2 Name	Gurlanda (in the same of	HEADY LINES	in the later of	Planty Name	selanternames		BEET WINDS	
	-									Į	
	Plant 1	Plant 2	}			Ì	į			1	
13.4	Well 1 & 2	Well 3 & 4	ĺ						Į	i	
	57.300					STANKE STANKS		PERMIT	CANTO STREET, ST	公司中省省 安全	
1013	720,000	1,080,000		THE STATE OF THE S	AND A MERCHANISM	THE MENTAL SHEET IN	HAIR ASIM COME		e a martina energy de L	A 2 2 3 3 3 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	1,800,000
		7,000,000		na esta Costalizada		15 31 C 1 T 1 T 1 T 2		GT C. P. MARKETS			W.C. THOU
31,000	302,600	59,680	addition of the second	ALERIA DE LEMBRE AL	TAIL OF STREET THE	AND DESCRIPTION OF THE PARTY	Mario III na na iona.	de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la	THE REPORT OF THE PARTY OF THE	Control of the Control of Control of the Control of	362,280
	129,200	270,760	ļ			 				 	399,960
	200,300	277,200		 		 		 	 	 	477,500
33	235,850	312,250	 			 		 	_	 	548,100
	235,850	312,250	 	 		 		 	 -	 	548,100
N/4 &	200,100	193,080				 		 		 	393,180
7000	287,000	382,190		 		 		 		 	669,190
7	339,400	215,080		<u> </u>					 	 	554,480
Ş		185,370				 	<u> </u>	 	 	 	484,170
	368,300	213,840		 		 		 		 	582,140
17	355,000	220,070		 		 					575,070
人養	355,000	220,070									575,070
1 31	349,700	185,320				<u> </u>		[- -			535,020
3.0	345,800	255,830									601,630
- 1	308,100	230,970					-	 	——————————————————————————————————————	1	539,070
33.7	365,400	216,400			-				·	·	582,800
	378,100	235,240									613,340
¥.	367,150	222,465									589,615
	367,150	222,465									589,615
9.00	303,900	190,900								 	494,800
162	348,300	254,550				 					602,850
	278,400	175,990				<u> </u>					454,390
	419,700	248,520	· · · · · · · · · · · · · · · · · · ·							 	668,220
T	346,300	217,270									563,570
	363,100	234,865								-	597,965
	363,100	234,865									597,965
	318,900	195,120									514,020
	349,200	232,030			· · · · · · · · · · · · · · · · · · ·	<u> </u>					581,230
	334,100	234,300									56B,400
30 X	222,100	135,070				 					357,170
X.		···-									0
	9,436,900	6,784,010		新文化社会				METAL E	January.	t bi ya bi	16,220,910
	314,563	226,134									540,697
	419,700	382,190				S. C. S.					689,110

MONTHLY OPERATION REPORT FOR PWSs TREATING RAW GROUND WATER OR PURCHASED FINISHED WATER



See Pages 4 for Instructions. 1. General Information for the Month/Year of: December, 2007 A. Public Water System (PWS) Information PWS Name: Chuluota PWS Identification Number: 3590186 PWS Type: Community Non-Transient Non-Community Translent Non-Community Consecutive Number of Service Connections at End of Month: 1410 Total Population Served at End of Month: 4.935 PWS Owner: Aqua Utilities Florida Contact Person: William Trendel Contact Person's Title: Senior-Operator Contact Person's Mailing Address: 140 Hope Street 32750 City: Longwood State: Florida Zip Code: Contact Person's Telephone Number: (407) 339-5424 Contact Person's Fax Number: (407) 339-7490 Contact Person's E-Mail Address: betrendel@aquaamerica.com B. Water Treatment Plant Information Plant Name: Chuluota (407) 339-5424 Plant Telephone Number: Plant Address: 118 7th Street Chuluota State: Florida Zip Code: 32766 City: Type of Water Treatment by Plant: Purchased Finished Water ✓ Raw Ground Water Permitted Maximum Day Operating Capacity of Plant, gallons per day: 1,800,000 Plant Category (per subsection 62-699.310(4), F.A.C.): īV Plant Class (per subsection 62-699.310(4), F.A.C.): Licersed Operators' Nime with the second Livenso Class License Mumber 2007 1 2007 2 Day(8)/ Shift(s)/Worked (Charles) Load/Chief Operator: William Trendel 6411: Days 1st Shift Roger Gray 14574 Days 1st Shift Terrence McCarthy 4617 Days 1st Shift ٠., 1,1 11. Certification by Lead/Chief Operator I, the undersigned water treatment plant operator licensed in Florida, am the lead/chief operator of the water treatment plant identified in part I of this report. I certify that the information provided in this report is true and accurate to the best of my knowledge and belief. I certify that all drinking water treatment chemicals used at this plant conform to NSF International Standard 60 or other applicable standards referenced in subsection 62-555,320(3), F.A.C. I also certify that the following additional operations records for this plant were prepared each day that a licensed operator staffed or visited this plant during the month indicated above: (1) records of amounts of chemicals used and chemical feed rates; and (2) if applicable, appropriate treatment process performance records. Furthermore, I agree to provide these additional operations records to the PWS owner so the PWS owner can retain them, together with copies of this report, at a convenient location for at least ten years.

DEP Form:62-555..900(3)Alternate

Signature and Date

C6411

License Number

William Trendel ..

Printed or Typed Name

MONTHLY OPERATION REPORT FOR PW"Ss TREATING RAW GROUND WATER OR PURCHASED FINISHED WATER

PWS R	dentification	n Number:		3590186		Plant Name:	Chulnota, Pl	ant#1						
111. 1	aily Data	for the M	onth/Year (of:		December, 2007								
			Virus Inactiv		al: D Free C	hlorine	Chlorine Di	nxide	Czone	Comb	ined Chlorin	e (Chloran	in es)	
	traviolet R			r (Describe):		,		JA:						
L						Free Chlor	rine [Combin	ed Chlorine	(Chloramine	s) F	Chlorine D	ioxide	
30. 34	4 5 45 JULY 1971	Lam Nosio	uai Maintai	COM DISTRI	outon Systems	EN COLUMN TO CHARLE	COLUMN TRACTURE	SECTION 1	Visio (nac	thatian If A	emplicable.	N 5 X 18	Maria Andrews	
	130 6. 6		\mathcal{F}_{i}	S. 1	A Calculations, of	TON DOSO TO	Jamones C	REPORT OF	Anine tuer	cramming it i	7117	Jose Sic		
				430		CI Engl	lations	TO MA						The state of the s
36.				(1) (1)			et owes CT		7 7 4					
N. A. K.	200 J. J.	An and		*		Quinfootent.	Provided.	2 2			* (ct.)			
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1 2 2	300		Net Quantity		*Dialofleolahii/	THE STATE OF THE S					Lowest	UV DOM	Construction at	A Limergency or Abburget Continuing by
Devo	A STATE OF	doubt nlove	of rinished	17 18 18	Concentration (C)	Medical Charles	Carrier Deal	3.00	TA A	Minimum CT	Operating	Requied	DESTRUCTION OF	Complicate Results Manifellar 920 State
1		Ligurs proci	Producted	Deal Dimer		Day How Is	ET OF STREET	Jemp of	DH of Water	Required, mg	UV Dose	mW#	Charles How	drivolvine Telegraphy and System Companients
Month		Operation	gal	Rate god	Peak Mov mell	& minnes A	min/L	Weler 10	ir Applicable	i wint.	mW-sectom	sociom	SVATER THE I	Entwisher C. Abundaria and Conditions Repaired Williams Conditions Repaired Williams Conditions and Conditions of the Co
-d8[*2	X	24.0	202,500		. 2.1								1.7	
1.21	<u>1i</u>	24.0	303,850		4.						ļ	ļ	1.1	
₹ 3 , ₽	X	24.0	303,850		1.8					ļ	<u> </u>		1.2	
N-4.3	Х	24.0	270,300		1.8			<u> </u>	 ` 	ļ		ļ	1.5	
7.05	X	24.0 24.0	337,200		2.1			 					1,5	
30	- x	24.0	322,900 271,500	<u> </u>	2.0		· · · · · · · · · · · · · · · · · · ·	 			· · · · · · · · · · · · · · · · · · ·		1.5	
×5	ŵ	24.0	308,100	 	2.0			 -		t		1	1.6	
0.1		24.0	337,050		*.*			 	·	h				
* 10	X	24.0	337,050		1.8								1.2	
stell of	Х	24.0	287,800		1.5							ļ	0.7	
學的	X	24.0	327,700		1,3			2.7		ļ <u>. </u>			1.8	
313A	X	24.0	360,400		-2.4			 	ļ	 	 	 	1.8	
A IX	X	24.0 24.0	266,300 320,400		2.4				 	{	· · · ·		1.5	
27/2 C	X	24.0	247,750		2:0			 	 	 				
A 17	X	24.0	247,750		2.0			 		 		T	1.3	
	x	24.0	224,100	-	1.7								1.2	
19.	X	24.0	334,700		2.0				1			<u> </u>	1.5	
4207F	Х	24.0	273,500		2.0						ļ	ļ	1.4	
181	Х	24.0	211,300		1.9			ļ	<u></u>	 	 	 	1.5	
22	X	24.0	216,400		2.0		<u> </u>	 	 	 	 	 	1	
200		24.0	224,750					 	 	 	 	 	1.3	
33	X	24.0 . 24.0	224,750 132,700		1.5				+	 	 	1	0, (
28	X	24.0	199,700	 	1.2	<u> </u>		 	 	 			0,7	
27	×	24.0	126,000	· · · · · · · ·	1.2			 	 				0.7	
728	l \hat{x}	24.0	185,500		2.1			,,	<u> </u>				1.5	
29.11	X	24.0	231,000		2.1						L	ļ	1.5	
80	j .	24.0	243,350		, , , , , , ,				<u> </u>	4	ļ		1.3	
23]15	X		243,350		1.8		<u> </u>				<u> </u>		1.3	
Total	2. 电线表	<i>(</i>	8,123,500											

^{*} Refer to the instructions for this report to determine which plants must provide this information.

262,048 360,400

MONTHLY OPERATION REPORT FOR PW"Ss TREATING RAW GROUND WATER OR PURCHASED FINISHED WATER

		n Number:		3590186		Plant Name:	Chuluota, i	lant#2							
II. D	aily Data	for the 3	lonth/Year	of:		December, 2	007								
eans	of Achievi	ng Four-Lo	g Virus Inacti	vation/Remov	ral: Free (Chlorine 1	Chlorine D	iovide	Czone	Cont	bined Chlori	ne (Chlora	nines)		
Uli	traviolet R	ladiation	∫ Othe	er (Describe):	:	,		107000	, 020	, ,		(_	
ype o	f Disinfe	ctant Resid	dual Maintai	ned in Distri	ibution System:	Free C	Morine I	Combin	ned Chlorine	(Chloramine	es) [Chlorine l	Dioxide		-
	Sec.		T	1 3 1 109 (131 391)	THE RESERVE OF THE PARTY OF THE	SIN THE NAME OF THE OWNER.	No. 2 - Water delicates Of the co	are and a second	u v čina i se ve čero		ders a come a	Section 1	THE SECOND STREET		
\$		1					THE STATE OF THE	Comercal	Six and area	(Tangon): II.	A MANAGAR	Dog Flat			
(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	1	7.00	NetComminy					1916.75	F 3	Paris Listed	- Section	70304 T.			
3			100 Sept 54	1.0			Lower	13.		100 K 11 K					
K 43	Days Plant	N. 18	100			Drainfeolag	a proper	\$ 1.90	Ta Orași	高麗的	33.00		1 6 6 3 6		
		****	Netonanio	生 2000年	Powier Residing	Politect Tibe		A		一声学 众	10.00	Month			a A
96	Stalled or Xisted by	All the state of t	Net Coantity of Physhed Water Producted	Peak Flow	Control			1000		内是东西	Liwest	V TO		E Christop Volkation	4860
aV of	Operator	Flours plant	Water	4 402	Belly and Minister	Point Ducin				Minimum CT	Opening	Regulie	P. St. Stone	Papalogus Referrit Agricul	
i c	(PIRCE	914	Producted :	Peak Flow	Customer During	Pearming	Thinks	d'emp bi	pH of Weter.	Required, to s	.µV.Doss,	T MOVE		- DVOLVER TAVERS WELDER SERVICE	
		1, 401 (71)	and the second second	Rate apd	Posk Flow ing/L	C , inlinutes :	第一种的	Wild C	(f Applicable	A MUNUE	id W-sacrom	- Local	ASSESSED NAME OF	E-Melgrey Dischloring Spullbare, eacher of Aument Livolyee Faving Allian Steph	
() ()	X	24.0 24.0				<u> </u>		-	<u> </u>		ļ				
1.	Х	24.0	186,560		1.7	. :			 -				1.1		
47.0	X	24.0	159,250		E.S		+	 	 		······································	7-	1.2	 	
37-54	X	24,0	238,380		2.2	-		 	 		 		-1.7		
	X	24.0	246,710		2.2			1	 			<u> </u>	1.6		.,,
7	x	24.0	163,050		2.0								1.5		
6.0	X	24.0	261,380		1:9								1.5		-
0.5 10.74	x	24.0 24.0	246,475 246,475		7.00			 	ļ			ļ <u>.</u>			
100	- x	24.0			2.0			ļ <u>. </u>	 		1	 	1.3		
20.2	X	24 0	258,860		2.2			 	} -				1.6		
	X	24.0	259,190		2.9	ji ti		+	 				2.2		
33.55	X	24.0	169,730		1.8				 	· · ·			1.5		
30	X	24.0	259,070		- 1.8	1							1.4		3
8		24.0	190,845					<u> </u>							` .
	X	24.0 24.0	190,845		2.2		 	 	 		ļ	ļ.—.—	1.5		
6	x	24.0	260,510		1.8			 	 		 	ļ 	1.4	 	
0.7	X	24.0	320,370		2,5	·		 	 	·	 	 	1,8		
10.1	Х	24,0	271,230		2.3		1		†				1.7		 -
2	X	24.0	286,860		2:2								1.6		
374		24.0	308,185												
4 − 1	X	24.0 24.0	305,185 181,540		2.2		· · · · · ·	 			 	<u> </u>	:1.5		
87.7	$\frac{\lambda}{X}$	24.0	319,450		2.0			 	 	 -	<u> </u>	ļ <u> </u>	1.6		
7.4	$\hat{\mathbf{x}}$	24.0	266,610		1.7			 	 		 		1.1		<u> </u>
8	X	24,0	234,050		2.2			 	 	·			1.6		
Y.	X	24.0	304,390		2.6			†	†				2.0		
<u> </u>		24.0	279,220											·	
	X	24.0	279,220		2.3							L	1.7		
	ପୁର୍ବିଷ୍ଟି ଓ । ପ୍ରତିଶ୍ୱର		7,364,900						_						
			237,674 - 320,370												

^{*} Refer to the instructions for this report to determine which plants must provide this information.



MONTHLY OPERATION REPORT FOR SUMMATION OF FINISHED-WATER PRODUCTION BY CWSs THAT HAVE MULTIPLE TREATMENT PLANTS

illy Fini	shed-Water Pro	duction for the I	Moπth/Year of :		December-07						
mmunii	y Water System	(CWS) Name:	Chuluota								
VIII.	ter System (PWS) Identification N	lumber:	3590186	FANT ALIENS CONTRACTOR OF THE SECOND CONTRACTO	Per Transport Contract Marie	CONTRACTOR OF THE PARTY OF THE PARTY	Telegraphy and American Street	TO THE STATE OF STATE	P Transfer of M Fundable and	AND AND ASSESSMENT OF THE PARTY.
	Ligit Livame:	Plant'z Name:	Right 2 Name	Plant & Name:	Plant 5 Names	Plant 6 Name:	Plant 7 Name:	Plant B Name:	Liaut a Mame.	Plant 10 Name:	r it is a finish
			ì]							
ay Of	Plant 1	Plant 2					1	Į.	{		Wasair
	Well 1 & 2	Well 3 8 4	Ì	<u> </u>				[_	
	E KAN SE		Per	mitted Navimum	Day Operating Ca	pacity of Each F	lant, gallons per	day 🦠 🤫			
ay of c		_ ',000,000		ì				J	i	1	1,000,000
onun o	可是因为对对		The water of the	Not Quantity of	Einshed Water F	ropused by Eac	Plant gallons				
	202,500	135,350									337,850
35.1	303,850	186,560									490,410
K. Ke	303,850	186,560									490,410
$t \approx t$	235,850	159,250									395,100
0.00	235,850	238,380									474,230
6.00	200,100	246,710					- ·				446,810
	287,000	163,050									450,050
皇温度	339,400	261,380									600,780
	298,800	246,475									545,275
	368,300	246,475									614,775
	355,000	174,810									529,810
1283	355,000	258,660									613,860
3 80	349,700	259,190									608,890
11	345,800	169,730									515,530
ir Sv	308,100	259,070									567,170
11	366,400	190,845									557,245
V	378,100	190,845									568,945
	367,150	174,540									541,690
0.5	367,150	260,510									627,860
0.54	303,900	320,370									624,270
	348,300	271,230									619,530
2 (. 5 (.	278,400	286,860									565,260
8 %	419,700	308,185									727,885
4	346,300	308,185									654,485
	363,100	181,540									544,640
6	363,100	319,450									682,550
E	318,900	266,610									585,510
	349,200	234,050								,	583,250
9	334,100	304,390						_			538,490
Dige:	243,350	279,220									522,570
16	243,350	279,220									522,570
\$ 4	8,123,500	7.367,900		图图 经电影机员							17,247,500
中學	262,048	237,674							等 为		556,371
3.11	360,400	320,370							生生語:化學學		727,885

MO"THLY OPERATION REPORT FOR PWSs TREATING ""W GROUND WATER OR PURCHASED FINISHED W TR



See Pages 4 for I General Informs	ition for the Month	/Year of:	January, 2006			2145 MI				
Public Water Sy	stem (PWS) Inform	nation								
PWS Name:	Chuluota			Branch Control		12 100	PWS Identification	n Number:	3590186	·
WS Type:	✓ Community	Non-Transient	Non-Community	Transient	Non-Communit	у	Consecutive			
	onnections at End of Mo	nth;	965		a. e.j.	Total I	Population Served	at End of Month:	2,497	
WS Owner.	Agua Utilities Flo	rida	A STATE OF THE STATE OF			A STATE OF		14.65		y 1900
ontact Person:	Brian Heath	i i i i i i i i i i i i i i i i i i i				Contac	ct Person's Title:	Aros Mana	ger	- 100
ontact Person's Mai	ling Address:	PD Box 490310		A to a to the	City		State: Florida	Light.	Zip Code: 34749	
ontact Person's Tele	phone Number:	(152) 787-0980		4.4		Conta	ct Person's Fax Nu	mber: (352) 787-	5333-	, 4
ontact Person's E-M	fail Address:	beheath@aquaa	merical com	100				A	SHEET STREET	
Water Treatmen	nt Plant Informatio									
lant Name:	Chuluotà.	1	AND SAIN THE		12.3		Plant Telephone	Number:	407-339,5424	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
lant Address:	118 7th Street.				City	Chulugta	State: Florida	104	Zip Code: \$2766	
ype of Water Treatn		✓ Raw Ground W	/ater Purch	ased Finished W						
ermitted Maximum	Day Operating Capacity	of Plant, gallons per day:		10001	DD .					(35 B)
lant Category (per s	ubsection 62-699.310(4)	, F.A.C.);	Ma De Sin			Plant C	lass (per subsectio	n 62-699.310(4), F.A	C.): # 15 C 15 .	-
Change Lingsign	nos II de Atoma de	246-2255-40 Flor.					EMERICAL SECTION OF THE SECTION OF T		使沙发运动 企业	in a Mari
		的思想。所以自己的		· Sappa			Days 1st Shift		建筑 发展。	1 12
Michigan Jan	Terry McCarthy	一、河岸 经制度证		a te	11:00	4617	Days Ist Shift			
			· 、	4 E - 1 Ab - 1	ا نع المراز الراز		10 kg 48	Sanday Robert Hall	1. 100 全国 100 100 100 100 100 100 100 100 100 10	14
	。	The state of the s	. 对特殊学说他		1000		132.71			11 112
				to the		"说"""""""			11 人名英格兰	
		The Market Comment	A THE STATE OF THE	2.3	14 1					3.0 -
			新工作是 对数 图							
	C. S. Carreston		The state of the s	17-211		Red Leville	i i i i	· · · · · · · · · · · · · · · · · · ·		7. Value 197
3.5 P.	3. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.				. 53 953 19659		Mary St.		工。這種學於辦意力	
		Action to the				30 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			The second second	1 1/1
			公司的《·马·尔·斯·	100	Value 14 S. A.S.	4.485 N. 1994	La Maria	All a state of		
										·
Certification by	/ Lead/Chief Opera	lor.	The state of the s							
, the undersigne	d water treatment pl	ant operator licensed	in Florida, am the l	ead/chief oper	ator of the wa	ter treatment p	plant identified	in part I of this re	port. I certify that the	e
nformation prov	vided in this report is	s true and accurate to	the best of my know	vledge and bel	ief. I certify t	hat all drinkin	g water treatine	nt chemicals used	at this plant conform	n to NS
nternational Sta	indard 60 or other at	plicable standards re	ferenced in subsect	ion 62-555,320	(3), F.A.C. I	also certify th	at the following	additional opera	tions records for this	nlant
vere prepared s	ach day that a licens	ed operator staffed o	r visited this plant d	uring the mont	h indicated ab	ove: (1) recor	ds of amounts	of chemicals used	and chemical food	hient
7) if applicable	annronriete treatme	ent process performat	ce records. Further	more Lagree	to provide the	se additional o	perations reco	rds to the PWS ou	wher so the Divid wo	ates; an
2) if applicable	-than with assissed	this report, at a conve	mient location for a	least ten vear	o provide tije		per pulation towo.	ras io pio i 449 O	Aner so me 1. M 2'0M	ier can
retain them, toge	etrier with copice of	dus teboti, at a course	sment tocation for a	i icasi içii yetir	a, ·					
11/11/10	m druck	1/2/01	Wi	lliam Trendei		#1			C6411	
Signature and Date	MARIAN Z	1/10/10		nted or Typed Nar	ne	```			License Number	
Signature and 17ate		hanti	MENT NUMBER-	- •					crosse wamper	
		0000	MENI NUMBERT	UAIL Page	t					
DEP Form 62-559	5 .900(3)Alternate			Page	1			·		

04331 MAY 22 8

FPSC-COMMISSION CLERK

JNTHLY OPERATION REPORT FOR PW"Ss TREATING K. . / GROUND WATER OR PURCHASED FINISHED WATER

Identification N	Vumber:	3	590186		Plant Name:	Chuluota.																					
Daily Data fe	or the Mo	mth/Year of			January, 2006																						
s of Achieving						Chlorine Di	oxide	Ozone	Combi	ned Chlori	ne (Chloram	ines)															
Itraviolet Rad	•	Other		•	•							·															
				oution System:	Free Ch	lorine T	Combine	d Chlorine	(Chloramines)	Chlorine D	ioxide															
	THE COSTO	MANUSANTANIA		COA COMPANY							APE ACT		ASSESSMENT OF THE PROPERTY OF THE PARTY OF T														
			1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -						200	SVAUV	08:e4:42	**********															
		W. 1753	TANKE A	10200122301	INDIGO N	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	12.00		12 m 5 9	A 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2.45																
			語可能を	13.4	新四个城	11 100 12 (2)	1	- 198	Mary Control																		
A STATE OF	数数线机	220 2 3		4-5-4) sign of the R	District in	Total Voyaged				1.13	14,352																
PANARA I		有效 发展 的	10 N T	Lower terms	Collect Till		推禁				Minimum	Disinfectant.	THE RELEASE PROPERTY OF THE PARTY	的复数分别	新游》为《			Cokernia	N. A. S. C.	Customen				Lowest	I U Parki	of the first local	ans Find Beney of Appoint as Postaur
te de la company	AND A PARTIE	a Watern of	STATE SAME	Belof brakelan	as contraction	ed Data Reck	1		Minimum Cil	Operating	Rednited.	Remote Pointing	Control of State 12 Annual Control of State 1														
	10	Ncouciel .	P. VP	A CUITOTION STUDIES		A STATE OF THE STA		BE OF WARD	Required mg	THE POPULATION OF THE POPULATI	斯斯·																
的學校的	@ par a library	建设的	Roshida	THE RESIDENCE OF	使多细菌素	SECTION A	PANTAN	TOWNSHIP	MALTINIVIE AND	AL WAS GOVERN	a vissagionum	Systeman Plan	The state of the s														
	24.0		12.5	1.0	144	10-10-	7.0		1	- 12		13															
X	24.0	55,900 71,500				The state of the s	 ***	1		-		1.75 31															
X	24.0		ia i	10 8 8 1 V 13			4.5	7811		5 S		3.7	Bright State Care State Care														
(£ X .	24.0			1 1.5		1 3 3 3 3 3		1,42	The second second		14.2	14															
5. "X,	24.0	70,700	21.0	Star . 😘 . ' 👪	4.	12.25	8 A Sa	30.137-1	1939-1392			35.39 1 L															
X'	24.0			1.7	-						1	1.4															
1.12	24(0	82,500,	*	14 14 14 14 14 14 14 14 14 14 14 14 14 1	12.		7	77	Table 2		200	1,0															
X.	24.0		******	A STATE OF THE STA		300	100	3		S 1	25 5 150 S	12	100														
* X X	24.0 24.0			TO THE REAL PROPERTY.				1.15%	7894c.35		1	A 1 1.2	11 A POR A CAR A SA SA SA SA SA SA SA SA SA SA SA SA S														
Ž.	24.0		·	Acres 18	1 11 11 11 11	or Red are	11	055	12.0	图3. 海红	12.5	1.2															
X	24:0		100		15 45	S . ale bok			9 191		130, 145	1.1															
	24.0	66,550			\$ A	10000	1		r F. Gir	8-	31. 200	13															
X	24.0						1.35			4.5		M. 48															
X 1	24.0	48,800	44				1. 16.	23.0	100			13 13															
K X	24.0 24.0			0.7		100	12.00	3154	1,1			1.3															
X	24.0			1	1	100		1.035	130,00																		
THE Y	24,0		100			3336 15	1 1			1		1.3															
X	2470	25 61,000		4. OF 35940		113 1 2 2 3	118 (1	4	1.3															
7	24.0							1	- A	1 1		1.3															
A X	24.0		1	1.1		777	-	 	11451 4.55	 	 	1.0															
t. X	24.0 24.0			1		- - - - - - - - - - 	+	+	-		100	1.5															
YI X	24.0		-	1		19	11.11		Substantial Com-			I.S															
X	24.0		+		8							1.5															
	24.0			₹ ? ₹																							
×	24,0	56,650			5			<u> </u>				1.4															
X	24,0						+					1.3															
X	24.0				3							1.1.1.1.1															
5	3.	1,934,900																									
15.14	32 4 St 3	62,416	듸									ſ															

[•] Refer to the instructions for this report to determine which plants must provide this information.

94,400

W2 Identification	Number.		391000	 	ant Hallo.	maria de la composição de la composição de la composição de la composição de la composição de la composição de									
II. Daily Data I	or the Mai	nth/Year of	î:	32	anuary, 2006				<u></u>		· · · · · · · · · · · · · · · · · · ·				
Means of Achieving															
	, , , , , , , , , , , , , , , , , , , ,											·			
Type of Disinfect	ant Braider	al Maintal-	ad in Distrib	ution System:											
A Abe of Distillect	<i>NDI 2321 J</i> ak Karasaksar	AL IVIAITHAING			EXPERIENCE PROPERTY	SAN STATEMEN	外面化 3	WHEN STATE	THE STATE OF THE S	an Sable	THE STATE OF	211003334		27. 四位	
		CALL THE PARTY	ALCO MANAGEMENT	ere legi militari					DE VIV	VIIV D	ose	"我们我们我们			
		100			AT A TACAL COLORS		A COCK SIL		17.5	10 10 10				法定继续	
	AT TWEEK	100 - 301 ·				SWA COLOR	12.2			XI.	200	125			
11 March 12 14		MA .			Tillion C	Supplied;		1.1	1 m	rao	1. 6. 6. 6. 6.				
THE PROPERTY	ng Mexic			Town Beilden	CONTROL :		地 建设				Minmin				新教院政党
PARTITION OF	1	Act Wingling	THE PARTY OF THE P	N Six Mediant	ASSESSED BY COMMENT	外型工作	2011	活想会们	Sept. 3	Lowest	UVONSE	200		No.	and partition of
MANAGEM	A STATE OF	ef Einrened	1.070	Contentraling (C)	Metturement	Austomer III	1	12.	Minimum CT	Operal fig.	Regujed.	Remolector in	E on None		ica (a Avioralica
THE PROPERTY OF	Houselfiut	NA BIETH		Pinelotedkal hiter				olen Valer	William Sand	JIT Dosses	Minu. P	和加州的	antoly and		
		that of the same	Park Bridge						20年1月	A Wastlam	All colonia	as of the case		(650 B) (19) (6)	MORGEST MASS
	24 0	375,700	V 17410-752-744	9/45/2004 But 1-7-24	641759g W 6		2 7 7 7 7 7	CO WELL		3 St	160	i 00 *	1455 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	(1) 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	<u> </u>
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359,448 422,700

^{*} Refer to the instructions for this report to determine which plants must provide this information.



MONTHLY OPERATION REPORT FOR SUMMATION OF FINISHED-WATER PRODUCTION BY CWSs THAT HAVE MULTIPLE TREATMENT PLANTS

ly Finishe	ed-Water Prod	luction for the f	Month/Year of :		January 2008				· · · · · · · · · · · · · · · · · · ·		
			Chuluota				·	·			
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MOP TILY OPERATION REPORT FOR PWSs TREATING P GROUND WATER OR PURCHASED FINISHED FINISHED WATER OR PURCHASED FINISHED WATER OR PURCHASED FINISHED WATER OR PURCHASED FINISHED WATER OR PURCHASED FINISHED WATER OR PURCHASED FINISHED WATER OR PURCHASED FINISHED WATER OR PURCHASED FINISHED WATER OR PURCHASED FINISHED FINISHED WATER OR PURCHASED FINISHED FINISHED FINISHED FINISHED FINISHED FINISHED FINISHED FINISHED FINISHED FINISHED FINISHED FINISHED



Public Water System (PWS) Information	Accompany of the Control of the Cont	#VALUE:			
Public Water System (PWS) Information PWS Name: Chuluta PWS Type:	See Pages 4 for Instructions.				
PWS Name: Chuleta Was Type: Some Connections at End of Month: 1297 Number of Servic	General Information for the Mo	inth/Year of: Febusiy 200	08		
PWS Name: Chuleta Was Type: Some Connections at End of Month: 1297 Number of Servic	. Public Water System (PWS) In:	formation			
PWS Type: Community Non-Transfert Nor-Community Transfert Nor-Community Consecutive				PWS Identification Number	7,500195
Number of Service Connections at End of Month: Toul Population Served at End of Month: 2497		nity Non-Transient Non-Commun	Transient Mon-Comm		3. 3390(80
PMS Owner: Agis Utilities Florids Contact Person: Briss Hatish Contact Person: Briss Hatish Contact Person: State: Florids Contact Person: State: Florids Contact Person: State: Florids Contact Person: State: Florids Contact Person: State: Florids Contact Person: State: Florids Contact Person: State: Florids Contact Person: State: Florids Contact Person: Fas. Number: (552):787-6936 Contact Person: E-Mail Address Water Treatment Plant Information Plant Temper Contact Florids Contact Person: Fas. Number: (552):787-6936 Contact Person: Fas. Number: (552):787-6938 Water Treatment Plant Information Plant Marie: Challets Contact Person: Fas. Number: (552):787-6938 Water Treatment Plant Information Plant Temper Contact Plant Address: Il8 7th Street Plant Marie: Plant Information Plant Marie: Plant Information Plant Marie: Plant Information Plant Marie: Plant Information Plant Marie: Plant Information Plant Marie: Plant Information Plant Marie: Plant Information Plant Marie: Plant Information Plant Marie: Plant Information Plant Marie: Plant Information Plant Marie: Plant Information Plant Marie: Plant Information Plant Marie: Plant Information Plant Marie: Plant Ma			ite in the second contact		(Month: 2.497
Contact Person's Title: Are&Mininger Contact Person's Title: Are&Mininger Contact Person's Title: Are&Mininger December 1998					
Context Person't Mailing Address PO Box 490310 City Lossburg. State: Florida Zip Code: 3479 Context Person't Exhain Address: Deheath@aquesmence.com Water Treatment Plant Information Plant Name: Chulotis Plant Information Plant Name: Chulotis Plant Information Plant Name: Chulotis Plant Information Plant Name: Chulotis Ils 7th Street Ils 7th S					<u> </u>
Contact Person's Telephone Number: (352)787-980 Contact Person's Fax Number: (852)787-980 Water Treatment Plant Information Water Treatment Plant Information Plant Telephone Number: (407-339-54%) Plant Teleph	Contact Person's Mailing Address:				
Contact Persons & Meal Address: Seheath@aqueamenca.com Water Treatment Plant Information Plant Nume: Cholucita City: Chullucia State: Florida Zip Code 32766 Plant Address: It8 7/8 Street Zip Code 32766 Plant Nume: Plant Telephone Number: 407-339-5494 Plant Telephone Number: 407-339-5494 Plant Class on State: Florida Zip Code 32766 Plant Class on State: Plorida Zip Code 32766 Plant Class on State: Plant Zip Code 32766 Plant Class on State: Plant Zip Code 32766 Plant Class on State: Plant Zip Code 32766 Plant Class on State: Plant Zip Code Zip Code Zip Code Zip Code Plant Class on State: Plant Zip Code Zip Code Zip Code Zip Code Plant Class on State: Plant Zip Code Zip Code Zip Code Zip Code Zip Code Zip Code Plant Class on State: Plant Zip Code Zi		(352):787-0980	are to what the first	ويشمني والمسال والمساول والمساول والمساور والمساور والمساور والمساور والمساور والمساور والمساور والمساور والمساور	
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Plant Address: 118 7th Street Purchased Finished Water Purchased Fini		ation			<u></u>
Type of Water Treatment by Plent: Part Category (per subsection 62-699-3104), FA.C.) Plent Category (per subsection 62-699-3104), FA.C.) Plent Category (per subsection 62-699-3104), FA.C.) Plent Category (per subsection 62-699-3104), FA.C.) Plent Category (per subsection 62-699-3104), FA.C.) Plent Category (per subsection 62-699-3104), FA.C.) Plent Category (per subsection 62-699-3104), FA.C.) Plent Category (per subsection 62-699-3104), FA.C.) Plent Category (per subsection 62-699-3104), FA.C.) Plent Category (per subsection 62-699-3104), FA.C.) Plent Category (per subsection 62-699-3104), FA.C.) Plent Category (per subsection 62-699-3104), FA.C.) Plent Category (per subsection 62-699-3104), FA.C.) Plent Category (per subsection 62-699-3104), Ple				Plant Telephone Number:	407-339-5424
Permitted Meximum Casy Operating Capacity of Plant, gallons per day: 1,500,000? Plant Class (per subsection 62-699-310(4), F.A.C.): Capacity (per subsection 62-699-310(4), F.A.C.): Plant Class (per subsection 62-699-310(4), F.A.C.): Capacity (per subsection 62-699-310(4), F.A.C.): Plant Class (per subsection 62-699-310(4), F.A.C.): Capacity (per subsection 62-699-310(4), F.A.C.]: Capacity (per subsection 62-699-310(4), F.A.C.]: Capacity (per subsection 62-699-310(4), F.A.C.]: Capacity (per subsection 62-699-310(4), F.A.C.]: Capac				City: Chuluota State: Florida	Zip Code: 32766
Plant Class (per subsection 62-699-310(4), F.A.C.): Plant Class (per subsection 62-699-310(4), F.A.C.): Plant Class (per subsection 62-699-310(4)): Plant Class (per subsection 62-69-310(4)): Plan					
Certification by Lend/Chief Operator I, the undersigned water treatment plant operator licensed in Florida, am the lead/chief operator of the water treatment plant identified in part 1 of this report. I certify that the information provided in this report is true and accurate to the best of my knowledge and belief. Foertify that all drinking water treatment chemicals used at this plant conform to NSF International Standard 60 or other applicable standards referenced in subsection 62-555.320(3), F.A.C. I also certify that the following additional operations records for this plant were prepared each day that a licensed operator staffed or visited this plant during the month indicated above: (1) records of amounts of chemicals used and chemical feed rates; and (2) if applicable, appropriate treatment process performance records. Furthermore, I agree to provide these additional operations records to the PWS owner so the PWS owner can retain them, together with copies of this report, at a convenient location for at least ten years. 3/6/06 William Trendet C-6411	Permitted Meximum Day Operating Cape	city of Plant, gallons per day:	1,300,000		The second of the second second of the secon
Certification by Lend/Clief Operator I, the undersigned water treatment plant operator licensed in Florida, am the lead/chief operator of the water treatment plant identified in part I of this report. I certify that the information provided in this report is true and accurate to the best of my knowledge and belief. I certify that all drinking water treatment chemicals used at this plant conform to NSP International Standard 60 or other applicable standards referenced in subsection 62-555.320(3), F.A.C. I also certify that the following additional operations records for this plant were prepared each day that a licensed operator staffed or visited this plant during the month indicated above: (1) records of amounts of chemicals used and chemical feed rates; and (2) if applicable, appropriate treatment process performance records. Furthermore, I agree to provide these additional operations records to the PWS owner so the PWS owner can retain them, together with copies of this report, at a convenient location for at least ten years. William Trendet C-6411	Plant Category (per subsection 62-699.31	0(4), P.A.C.):	<u> </u>	Plant Class (per subsection 62-699	.310(4), F.A.C.): (C)
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Certification by Lend/Chief Operator I, the undersigned water treatment plant identified in part I of this report. I certify that the information provided in this report is true and accurate to the best of my knowledge and belief. I certify that all drinking water treatment chemicals used at this plant conform to NSF international Standard 60 or other applicable standards referenced in subsection 62-555.320(3), F.A.C. I also certify that all drinking additional operations records for this plant were prepared each day that a licensed operator staffed or visited this plant during the month indicated above: (1) records for mounts of chemicals used and chemical feed rates; and (2) if applicable, appropriate treatment process performance records. Furthermore, I agree to provide these additional operations records to the PWS owner so the PWS owner can retain them, together with copies of this report, at a convenient location for at least ten years. William Trendet William Trendet	Terry McCar				Liberal Programme Control
Certification by Lend/Chief Operator I, the undersigned water treatment plant operator licensed in Florida, am the lead/chief operator of the water treatment plant identified in part I of this report. I certify that the information provided in this report is true and accurate to the best of my knowledge and belief. I certify that all drinking water treatment chemicals used at this plant conform to NSF international Standard 60 or other applicable standards referenced in subsection 62-555.320(3), F.A.C. I also certify that the following additional operations records for this plant were prepared each day that a licensed operator staffed or visited this plant during the month indicated above: (1) records of amounts of chemicals used and chemical feed rates; and (2) if applicable, appropriate treatment process performance records. Furthermore, I agree to provide these additional operations records to the PWS owner so the PWS owner can retain them, together with copies of this report, at a convenient location for at least ten years. William Trendel William Trendel	MARKET STATE				
Certification by Lend/Chief Operator I, the undersigned water treatment plant operator licensed in Floride, am the lead/chief operator of the water treatment plant identified in part I of this report. I certify that the information provided in this report is true and accurate to the best of my knowledge and belief. I certify that all drinking water treatment chemicals used at this plant conform to NSF International Standard 60 or other applicable standards referenced in subsection 62-555.320(3), F.A.C. I also certify that the following additional operations records for this plant were prepared each day that a licensed operator staffed or visited this plant during the month indicated above: (1) records of amounts of chemicals used and chemical feed rates; and (2) if applicable, appropriate treatment process performance records. Furthermore, I agree to provide these additional operations records to the PWS owner so the PWS owner can retain them, together with copies of this report, at a convenient location for at least ten years.					
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Certification by Lend/Chief Operator I, the undersigned water treatment plant operator licensed in Florida, am the lead/chief operator of the water treatment plant identified in part I of this report. I certify that the information provided in this report is true and accurate to the best of my knowledge and belief. I certify that all drinking water treatment chemicals used at this plant conform to NSF international Standard 60 or other applicable standards referenced in subsection 62-555.320(3), F.A.C. I also certify that the following additional operations records for this plant were prepared each day that a licensed operator staffed or visited this plant during the month indicated above: (1) records of amounts of chemicals used and chemical feed rates; and (2) if applicable, appropriate treatment process performance records. Furthermore, I agree to provide these additional operations records to the PWS owner so the PWS owner can retain them, together with copies of this report, at a convenient location for at least ten years. Additional Operation Certify that the following additional operations records to the PWS owner can retain them, together with copies of this report, at a convenient location for at least ten years.			** ** ** ** ** ** ** ** ** ** ** ** **		
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I, the undersigned water treatment plant operator licensed in Florida, am the lead/chief operator of the water treatment plant identified in part I of this report. I certify that the information provided in this report is true and accurate to the best of my knowledge and belief. I certify that all drinking water treatment chemicals used at this plant conform to NSF International Standard 60 or other applicable standards referenced in subsection 62-555.320(3), F.A.C. I also certify that the following additional operations records for this plant were prepared each day that a licensed operator staffed or visited this plant during the month indicated above: (1) records of amounts of chemicals used and chemical feed rates; and (2) if applicable, appropriate treatment process performance records. Furthermore, I agree to provide these additional operations records to the PWS owner so the PWS owner can retain them, together with copies of this report, at a convenient location for at least ten years. William Treadel William Treadel	A CONTRACTOR OF THE PROPERTY O	the first transfer of the second seco	Acres Care Care Care Care Care Care Care Care		
I, the undersigned water treatment plant operator licensed in Florida, am the lead/chief operator of the water treatment plant identified in part I of this report. I certify that the information provided in this report is true and accurate to the best of my knowledge and belief. I certify that all drinking water treatment chemicals used at this plant conform to NSF International Standard 60 or other applicable standards referenced in subsection 62-555.320(3), F.A.C. I also certify that the following additional operations records for this plant were prepared each day that a licensed operator staffed or visited this plant during the month indicated above: (1) records of amounts of chemicals used and chemical feed rates; and (2) if applicable, appropriate treatment process performance records. Furthermore, I agree to provide these additional operations records to the PWS owner so the PWS owner can retain them, together with copies of this report, at a convenient location for at least ten years. William Treadel William Treadel	. Certification by Lead/Chief Op	erator			
Internation provided in this report is true and accurate to the best of my knowledge and belief. I certify that all drinking water treatment chemicals used at this plant conform to NSF International Standard 60 or other applicable standards referenced in subsection 62-555.320(3), F.A.C. I also certify that the following additional operations records for this plant were prepared each day that a licensed operator staffed or visited this plant during the month indicated above: (1) records of amounts of chemicals used and chemical feed rates; and (2) if applicable, appropriate treatment process performance records. Furthermore, I agree to provide these additional operations records to the PWS owner so the PWS owner can retain them, together with copies of this report, at a convenient location for at least ten years. C-6411	I, the undersigned water treatmen	t plant operator licensed in Florida a	to the lead/chief operator of the	Water treatment plant identified in next	of this separt I neath the
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were prepared each day that a licensed operator staffed or visited this plant during the month indicated above: (1) records of amounts of chemicals used and chemical feed rates; and (2) if applicable, appropriate treatment process performance records. Furthermore, I agree to provide these additional operations records to the PWS owner so the PWS owner can retain them, together with copies of this report, at a convenient location for at least ten years. William Treadel C-6411	International Standard 60 or other	carplicable standards referenced in a	Whatestian 62 555 3300 V A C	Ly that are thinking, water treatment chem	iteas used at this plant conform to NSF
(2) If applicable, appropriate freatment process performance records. Furthermore, I agree to provide these additional operations records to the PWS owner so the PWS owner can retain them, together with copies of this report, at a convenient location for at least ten years. William Trendel C-6411	Were prepared each day that a lice	mpriorioro statuatus (ototologu ili s		a raiso certify that the following addition	onal operations records for this plant
retain them, together with copies of this report, at a convenient location for at least ten years. 1 1 1 1 3 6 06 William Trendet C-6411	(2) if and like his convenients has	sused oberator statted of Atstred fitts	brain onthis me mount indicated	above: (1) records of amounts of chem	nicals used and chemical feed rates; and
	(2) il applicable, appropriate nea	unem process performance records.	runtermore, I agree to provide	these additional operations records to the	ie PWS owner so the PWS owner can
	retain them, together with copies	of this report, at a convenient location	n for at least ten years.		
	1	1 /2/1	•		
	- Isluan I d	3/6/06	William Trendel	:	C-6411
	Signature and Date		Printed or Typed Name		License Number

INONTHLY OPERATION REPORT FOR PW"S& TREATING RAW GROUND WATER OR PURCHASED FINISHED WATER

S Identification i	Number:	359	90186		Plant Name:	Chuluota							
. Daily Data f		th/Year of			Febuary 2006						·		
ens of Achieving				E7 Free		Chlorine D	loxide [~ Ozone	Combin	ed Chlorine	(Chlorami	103)	
		Other (I		, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,								
Ultraviolet Rac			-	N. D. Davidson	Free Ci	plorine I	Combine	d Chlorine (Chloramines)	, ,	Chlorine Di	oxide	The Control of the Co
pe of Disinfect	ant Residua	Il Maintaine	in Distribi	ution System:				university of	Variation's folks	fill cable	SS SALE		
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105,000

^{*} Refer to the instructions for this report to determine which plants must provide this information.

Chuluota, Plant # 2 Plant Name: 3591086 PWS Identification Number: Feb. 2006 III. Daily Data for the Mouth/Year of: Means of Achieving Four-Log Virus Inactivation/Removal: Type of Disinfectant Residual Maintained in Distribution System: 381,200 LØ. 404,500 1,9 1.0 Ø.Q Call 181 (3 C Table 240 122,200 0.0 1.0 0.0 24.0 224,500 0.0 24.0 3(1,500 0.0 Q.5 0.0 240 31,1,500 1.0 24 D 275,700 Lo 00 1:346,800 24.0 0.0 323,500 24.0 0:0 1.2 329,100 24.0 0.0 0.0 0.0 24.0 314,450 0.8 1.4 24.0 314,450 0.0 0.7 24.0 392,100 0.0 0:7 .283,100 D.7. 0.0 24:0 z.10.. 1.5 0.0 327,700 1.1 1.2.... 353,100 0.0 · 1.0 1.3 0,0 24.0 1331,100 1.2 405,300 .24.0 0.0 · 0,0 : 24.0 358,700 43 0.0 1,02 0.0 24.0 358,700 1,1 1 1 5 1 24.0 383.100 0.0 T_{i}^{μ} 24,0 326,400 0.0 24.0 c.345,900. 0.0 1.0 335,900 1,0,4 2.0 24.0 0.0. Lo 1 259,200 24.0 0.0 0.0. 0.0 318,400 74.0 0.0 1,1 1. 2 318,400 0.6 24.01 0.0 1.0 1.5 24.0 229,000 0.0 0.0 0,0 14 24.0 0.0 0.0 0.0 24.0 0.0 0.0 24.0

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9,187,500 328,125 496,300

^{*} Refer to the instructions for this report to determine which plants must provide this information.



MONTHLY OPERATION REPORT FOR SUMMATION OF FINISHED-WATER PRODUCTION BY CWSs THAT HAVE MULTIPLE TREATMENT PLANTS

Finis	hod-Water Proc	luction for the I	Month/Year of :		Febuary 2006			· · · · · · · · · · · · · · · · · · ·			
	Water System							 			
: wat	er System (PWS	i) Identification N	lumber: Recommendate	3590186	And Street Control	Land in Title at 15 1672 at	and the second s	China San and a suine a comman	Barbara IN A		
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ol i	1,152,000	1,440,000	AND THE PERSON NAME AND ADDRESS OF THE PERSON OF THE PERSO		D. S. S. S. S. S. S. S. S. S. S. S. S. S.	2 10. 2277,222 1112 22	ANALY STATES		MARKET ME TO THE PARTY OF THE P	ta e a casa - de factor e decisión e de	2,592,000
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	50,400	404,500									454,900
	37,600	322,200								· · · · · · · · · · · · · · · · · · ·	359,800
	40,400	224,500									284,900
	49,400	311,500					——————————————————————————————————————	1			360,900
	49,400	311,500	Ι								360,900
	72,100	276,700			,			·			348,800
	83,100	348,800									429,900
	94,800	323,500					·				418,300
25	82,800	329,100									411,900
	78,600	314,450						1			393,050
	78,600	314,450									393,050
إييا	94,800	392,100		<u> </u>							486,900
	102,300	283,100		<u> </u>							385,400
	74,500	327,700	<u> </u>								402,200
	73,100	353,100	<u> </u>	<u> </u>							428,200
	62,400	331,100	<u> </u>	<u> </u>							393,500
	75,300	406,300		<u> </u>							481,600
	72,100	358,700									430,800
1.	72,100	358,700	ļ	<u></u>		<u> </u>					430,800
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1	90,000	335,900		<u> </u>		<u> </u>	<u> </u>				425,900
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MC HLY OPERATION REPORT FOR PWSs TREATING I Y GROUND WATER OR PURCHASED FINISHED W/ R



See Pages 4 for Instructions.

mber of Service Connections a /S Owner: Aqua	Community	Non-Transient Non-Comm (307	nunity 🔲	Transient Non-Co	mmunib	.^ :	PWS Identification Number	er:	1590186
mber of Service Connections a /S Owner: Aqua ntact Person: Brian mtact Person's Mailing Address	it End of Month: Othlities Florida i Heath		nunity 🔲	Transient Non-Co	mmunibe				
/S Owner: Aqua ntact Person: Brian ntact Person's Mailing Address	Utilities Florida Heath	Į307			THE REPORT OF		Consecutive		
ntact Person: Brian ntact Person's Mailing Address	Heath	4.				Total	Population Served at End o	f Month:	,267
ntact Person's Mailing Address								et.	<u> </u>
						Conta	ct Person's Title:	Агов Маладег	
ntact Person's Telephone Numb		× 490310	egga Sergie		City:	Leesburg	State: Florida		Cip Code: 34749
		787-0980			1.23	Contr	ct Person's Fax Number:	(152) 787-6333	
ntact Person's E-Mail Address:		ath@aquaemerica.c	om.			· .			
ater Treatment Plant II						, , , , , , , , , , , , , , , , , , , 	~		
nt Name; Chult		•		 	<u> </u>	<u> </u>	Plant Telephone Number:		107-339-5424
	1h Street	<u> </u>	<u> </u>		City:	Chuluota	State: Florida	}	Zip Code: 32766
oe of Water Treatment by Plant		Raw Ground Water	Purchased Fi						
mitted Maximum Day Operation				1,300,000	<u> </u>		<u></u>		
nt Category (per subsection 62		IV	THE GOVERNMENT OF THE PROPERTY AND ADDRESS.	Parantanasas regar	AND RESERVOIS		lass (per subsection 62-69)		1. 1. 1. C 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.
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<u> من مناه و کاری منتقب مناهد و دو دو دو دو دو دو دو دو دو دو دو دو </u>	<u> </u>				ستتل	<u> </u>	<u> </u>		

...ONTHLY OPERATION REPORT FOR PW"Ss TREATING L. .. I GROUND WATER OR PURCHASED FINISHED WATER

S Identification			3590186		Plant Name:	Chuluota #1							
	for the Mont				March; 2006								
ns of Achievir	tg Four-Log Vir	us Inactiva	ation/Remova	il: 🗗 Pres C	hlorine	Chlorine Di	oxide	Ozone	☐ Comb	ined Chlori	ine (Chloran	rines)	
Ultraviolet R	adiation	C Other	r (Describe);		•	•			•	•	•	_	
e of Disinfed				bution System:	Ø Free C	hiorine T	Combin	ned Chilorine	(Chloramine	s) 「	Chlorine C	ioxide	
	Medical Control			recally and the second						. <u> </u>			MARTHEODO INTELIGIO DE
			A National Control	对于一种的一种的一种的一种的一种		E ST TO WOOD OF		动。 岩花鸟。 60 0	2 1 12 01 2	PATE TO LAKE	7 7 7 1 1 1 2 1 2 C	一种的一种企业工作的	
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	學文學學	虚理学生	1. 李州安徽	**************************************	A DAMPAGE	Pall Bioxided		分, 例 人	PENNS.	M & 3	2	800	7.0.130.36
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	24.0	95,200		1.4						<u> </u>	<u> </u>	1.2	
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3.	24.0	97.850			· · · · · · · · · · · · · · · · · · ·	- 	 				+		
	24.0	97,830		1.4	· · · · · ·		1	 	<u> </u>		 	1.2	
	24.0	122,200		1.3							<u> </u>	1.3	
	24.0	87,100		1.7	1							1.0	
	24,0	113,100		1.2					<u> </u>	ļ		1.0	
1672	24.0	101,400	ļ	19			 	 	 	 		1.6	
	24.0	109,400	 	1.3	<u> </u>	<u> </u>	Щ	<u> </u>	ــــــــــــــــــــــــــــــــــــــ	J	<u> </u>	1.1	
الزيرج فيلاد ووبالي	Control of the same	99,774	{										
	- (F. 1977) (S. 19	122,200	{										:

[•] Refer to the instructions for this report to determine which plants must provide this information.

		n Number:		3591086		Plant Name:	Chuluota, P	lant # 2							
281	TV PARE	for the M	onth/Year c	of:		March, 2006									
aus or	Actievi	ng Four-Log	g Virus Inactiv	ation/Remov	/al;	,								·	
oc of	Disinfe	ctant Resid	ual Maintain	ed in Distri	bution System:						Т				
			1000000	SAC BOOK	Chenenanie	STATE OF THE PARTY OF THE	75 35 44 TO COM. TO S	STORES CO.		ar ender various ren	Barbar Version and Company			<u></u>	
		27	100	1 et 16	A CONTROL OF THE CONT				ar irusuna	divation; 18	Applicable	of Known			A PARIS TO A PARIS TO
$\phi \in C$		3.参注了		2. 4. 14. 14.	Section Constitution		orki oraz		4	Park Control	U.	ALL DEQUIE	非是获得大 先		
44.	1	*** (No.)	Han har be	14 The State of th	The second second	1.00	Liver	对张飞 。	李林文章	the state of	130 111 11	L.	Para Branch	A Section	
	17 Sept.		19 44 2 75 4 17 18	《李建二》	W. S. Walland	E Pisipleoisile	Province	4 1 1 2	WAR ST	10000000000000000000000000000000000000	4. W.			A PARTY TO A PARTY TO	12 27 6 28
# 4 C	Pyteleh	[[漢代] 命	Not Quantity's	作。社会教	A STATE OF THE STA	c consecution	Before or in	A STATE				178	Lowered	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
, a 8	(enter or	E. M. China	of Philishelin	18 23 Mg 2	Concentiation	The state of the s	A COLOR	10.5	137135		15. 0	Minimum	PER PER PER PER	I WOOD	
	Astled by	Liquis plant	a valor		Bergie oral Pirke	. Roin Diring	District		774		TOWEST	TANDOR	Containing	i i i i me i contra di Ma	omal Special Line Colle
		100	Producted	Posterion	A MODELLA TO		A HOWATE	a tempt of	Mar Val	MATERIAL STATE	el el IV Ding	1 4 5 7 3			
133	0.0	24.0	701 900	YEK BIE WEDGE	A SECTION AND				LOANDISTO.	(A) midden	100 m	Associated in		All Victoria	a support of the second
	*0.0	24.0	318,000		1.67	-						97 96 9 90 9 1 1 1 1 1	1.3		Bed Carried Street
) iii	0,0	24.0	273,200		2.4		 					1	1:171	· - · · · · · · · · · · · · · · · · · ·	
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	0.0	24.0	321,900		1.6	 					ļ	1	1.2		
	0.0	24.0	298,700	· i · ·	1:5	 							1.3		<u> </u>
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٠	0.0	24.0	387,900	100	0.7		[3 . N		 	-		^ 0.0	19 1, 3	
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- 1	0.0	24.0	383,900 357,300		0.7					 		 	1,2 1,0		
	0.0	24.0	377,600							-	1.		1.0		
	0.0	24.0	426,600		1.8	 						—	: 1.2	 	
	0.0	24.0	432,700		10 10 10 10 10 10 10 10 10 10 10 10 10 1	 	 						1.2	†	
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	0.0	24.0	360,800 298,800		8.0						 	 	1,0 0,9		
	0.0	24.0	341,800		1.3						 	 	0.7	 	
	0.0	24.0	341,800		1.5						L	†	0.0	 	
	0.0	24.0	586,100		1.8	 							0.4	 	
	0.0	24.0	292,700		1.7		 	<u> </u>					1,2		
	0.0	24.0	387,200		1.7						ļ		1:4		
- 12	0.0	24.0	433,900		3.0	[.		 -	 -		 	<u> </u>	1,31		
<u>. </u>	0.0	24.0	368,300		2.4				`	 	·	 	2.2		
10/2			11,056,000								L	L	1.7		
		701	356,645 586,100												

^{*} Refer to the instructions for this report to determine which plants must provide this information.



MONTHLY OPERATION REPORT FOR SUMMATION C. FINISHED-WATER PRODUCTION BY CWSs THAT HAVE MULTIPLE TREATMENT PLANTS

inished-Water Proc	luction for the l	Month/Year of :		March 2006						
unity Water System		Chuluota #1 & #						·		
Water System (PWS) Identification N	lumbar:	3590186	To the work management	on open et a man visuali. The		The State of State House of This world	เราะสมภัพภาษ์ทำการโรกร	i Lisari nen i sektas aktori eta ili ki	or the second second second
THE STATE OF THE S		是国家资品等	時的正式的數	that active new	Bed level	LB activing	THAT BE NAMED		alto see and	
		.		ļ		1			į	
Plant 1 Wells:	Plant 2	i '			j	<u> </u>	1		ľ	
1 & 2	Welis 3 & 4				t	<u> </u>	{		l	
	為後 等 1000	The Control of the	南部 原始	ing Charletting	relative in 116	This flering	OF NAME OF STREET		建设。安静 广阳	E. 2. 16 10 18 18 18 18 18 18 18 18 18 18 18 18 18
1,152,000	1,440,000									2,592,000
LUNDAY TOUR	是到的企业的		经利用的的	国的和企业对抗的 。	地域。可能行	enting of the		E. P. E. Carelle	SECTION OF	richte de mainte
95,600	305,800	}								401,400
96,700	318,000									414,700
75,400	273,200									348,600
107,300	339,400						<u> </u>			446,700
97,600	347,900									445,500
97,600 86,000	347,900									445,500
	278,700									364,700
98,700	299,800									398,500
99,100	354,200									453,300
88,700	321,900						<u> </u>			410,600
95,800	298,700			<u></u>	<u> </u>					394,500
109,300	387,900			<u> </u>		<u> </u>	<u> </u>		<u> </u>	497,200
109,300	387,900							<u> </u>		497,200
93,500	284,200		L	<u> </u>	<u> </u>					377,700
98,700	383,900		<u> </u>	<u> </u>	<u> </u>		<u> </u>			482,600
110,100	357,300					<u> </u>				467,400
100,200	377,600									477,800
111,100	426,600			<u> </u>		<u> </u>				537,700
105,200	432,700			<u> </u>						537,800
107,200	432,700			<u> </u>			<u> </u>			539,900
109,700	365,700		<u></u>		<u> </u>		<u> </u>		<u> </u>	475,400
95,200	322,600					<u> </u>	 			417,800
100,400	360,800			<u> </u>	<u> </u>	<u> </u>		<u> </u>		461,200
75,700	298,800					ļ	<u> </u>	ļ		374,500
97,850	341,800		<u> </u>	<u> </u>	1	<u> </u>		<u> </u>		439,650
97,850	341,800			ļ		<u> </u>		<u> </u>		439,650
122,200	586,100				<u> </u>					708,300
87,100	292,700			1						379,800
113,100	387,200				<u> </u>		<u> </u>	<u> </u>		500,300
101,400	433,900									535,300
109,400	368,300				•			1		477,700
	44.0	18 4 SW 4 5 W	CONTRACTOR OF THE PARTY	Y SAME		Maria De	The state of	CONTRACTOR OF		14,149,000
第21条 12字 32			X 38 18-74		To be to near 1 16	The state of			- Ar 10-24	456,419
CONTRACT TO STATE	一种第二次	亚克拉里拉克	拉斯·斯勒斯		MAN PAN STATE	Mark Comment	a company	THE PERSON NAMED IN		708,300

MC' "HLY OPERATION REPORT FOR PWSs TREATING F" "V GROUND WATER OR PURCHASED FINISHED W/ "R



See Pages 4 for Instructions.

See Pages 4 for Instructions.						
. General Information for the Month/Year of:	April, 2006					
Public Water System (PWS) Information						
PWS Name: Chuluota	· · · · · · · · · · · · · · · · · · ·			PWS Identification Num	ber: 3590	0186
	n-Transient Non-Community	Transient Non-Con	nmunity	Consecutive	337	3100
Number of Service Connections at End of Month:	1307			Population Served at End	of Month; 3,26	7
PWS Owner: Agus Utilities Florida					5,20	<u> </u>
Contact Person: Brian Heath	•		Cont	act Person's Title:	Area Manager	
Contact Person's Mailing Address: PO Box 4	90310		City: Leesburg	State: Florida		Code: 34749
Contact Person's Telephone Number: (352) 787	-0980			act Person's Fax Number:	(352) 787-6333	
Contact Person's E-Mail Address: beheat	h@aquaamerica.com	······································				
3. Water Treatment Plant Information					······································	
Plant Name: Chuluota				Plant Telephone Number	407-	339-5424
Plant Address: 118 7th Street			City: Chuluota	State: Florida	Zip	Code: 32766
Type of Water Treatment by Plant:	w Ground Water Purchased	d Finished Water				
Permitted Maximum Day Operating Capacity of Plant, gall	ons per day:	1,300,000				
Plant Category (per subsection 62-699.310(4), F.A.C.):	īV		Plant	Class (per subsection 62-69	9.310(4), F.A.C.):	С
LEGISLAND OF CHARLEST AND AND AND AND AND AND AND AND AND AND			Lines of Aspenia	MALESTER BUTCH	(東西)[2][[1][[1][[4][[4][[4][4]]	透射型 混合的物态
Milliam Trendel		С	6411	Days 1st Shift		
Terry McCarthy	· · · · · · · · · · · · · · · · · · ·	C	4617	Days 1st Shift		······································
			1			
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	<u> </u>		<u> </u>			
	·		<u> </u>			
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	·					
			<u>. L</u>			
Bitter file and assessed	<u> </u>	l	<u> </u>			
H. Certification by Lead/Chief Operator						
The Certification by Leady Cities Operator	None of the Plant of the Part	Late to the contract of the co				
I, the undersigned water treatment plant operate	or neensed in Florida, am the lead	cnier operator of the	ie water treatment	plant identified in part	Lof this report, 1 c	ertify that the
information provided in this report is true and a	ccurate to the best of my knowled	ige and belief. I ce	rtify that all drinki	ng water treatment che	micals used at this	plant conform to NSI
International Standard 60 or other applicable st	andards referenced in subsection (62-555.320(3), F.A	.C. I also certify t	hat the following addit	ional operations re-	rords for this
were prepared each day that a licensed operator	r staffed or visited this plant during	g the month indicat	ed above: (1) reco	ords of amounts of che	micals used and che	mical food many and
(2) if applicable, appropriate treatment process	performance records. Furthermor	re, I agree to provid	le these additional	operations records to (the PWS owner so t	he PWS owner con
retain them, together with copies of this report,	at a convenient location for at lea	st ten years.		•		THE CHIEF CAR
	•	•				
11 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ulm/. william	Trendel			*	••
Signature and Date		or Typed Name			<u>C-64</u>	
SiRustrate and thate	rinteg	OI TANEO LABINE			Lice	nse Number

JNTHLY OPERATION REPORT FOR PW"Ss TREATING N. . I GROUND WATER OR PURCHASED FINISHED WATER

WS Identification Number:	3590186	Plant Name	Chuluota #!						
I. Daily Data for the Mo	mth/Year of:	April, 200							
eans of Achieving Four-Log	Virus Inactivation/Remove	i; Free Chlorine	Chiorine Dioxi	ie Ozone	Combine	ed Chlorin	e (Chloram	ines)	
Ultraviolet Radiation	Other (Describe):								
ype of Disinfectant Residu			Chlorine C	ombined Chlorine	(Chloramines)	_ F	Chlorine D	ioxide	
ype of Disinfectant Reside	ar wantanion ii Disar		Carried State of Carl	CONTROL OF THE PARTY OF THE PAR	iivatimini ven	All bables		TO THE PERSON	
	9000				网络学工	> UVI	OS CONTROL		the design of the second
		TO SECURE OF SECURITY	U STILL	A STATE OF THE STA	10 . 10 3 (1.4)	7 2	Variable !		
						10.2	3. A. B.	**************************************	
		《三型的基本》	新以为西 德			Mar Mary	To Bas	The Society	THE PROPERTY WHAT STATES
		A TOWN SHOWS CALLED		Sept Town		型技術	Minimala	Digitiectini ?	
Applet V	Her Quantity 15, 102.1			建设计划设施 。		Lowest	BY DOM	Concentration at	A TEMPERATOR DESCRIPTION AND THE PROPERTY OF
A Part of the second	For simished a 153	The concentration (St. 15) and on the		EST COST	Minimaln CT	Operating a	Required	A THE POINT	Conditions Repair on Value and Visit
A CONTROL POPULATION OF THE PROPERTY OF THE PR		Comments of the Break S	WALL STOWN DES	are office anyone	Required single	TA DAY	强冰沙		Mark to See Mark to the second
			·安慰·罗斯·西斯	THE CHARACTER	West Market	What chair	Text (ch)	State of the State	在2018年1月1日日本中共和国中央共享的
24.0	106,300	Oution System: 7 Free CE DUE TO LO LO LO LO LO LO LO LO LO LO LO LO LO			 			 	
24.0	126,000				┃			1,1	
24.0	126,000	1.3			├───			12	
24.0	98,500	1.4			 			1.2	
24.0	115,800	1,5		 				1.2	
24.0	98,500	1.2						1,1	
24.0	104,300	1.5						1.3	
24.0	90,200							<u> </u>	
24.0		1.0						0.9	
24.0	106,900	1:3						1.1	
24.0		1,3						1.5	
24.0		1.7			1		<u> </u>	1.2	
24.0		1.4			1			1.2	
24.0									
24.0		1,3						1.1	
24.0		1,3				,	 	1.1	
24.0		1.4					 	0,8	<u> </u>
24.0	80,500	0.9					 	1.3	}
24.0		1.5					 	† <u>''</u>	
24.0		1.3					1	0.4	
24.0		1.3						1,1	
24.0		1.0						0.8	
24.0		111							6" mein break/boil water notice issued
24.		1.0					1	0.8	
24.		1.3			_				boil water / discontinued
24.		1.3				<u> </u>		1.1	
24.	0 106,000				_			+	
24.	0					1			
YOU THE EAST OF THE	2 997,400								
	99,913								

^{*} Refer to the instructions for this report to determine which plants must provide this information.

126,000

3591086 PWS Identification Number: Plant Name: Chuluota, Plant # 2 III. Daily Data for the Month/Year of: April, 2006 Means of Achieving Four-Log Virus Inactivation/Removal: Type of Disinfectant Residual Maintained in Distribution System: 404,600 467,600 0,0 24.0 0.0 24,0 467,600 1.3 0.8 0.0 24.0 411,700 - 1,9 1.2 0,0 24.0 425,500 0.8 0.8 0.0 24,0 481,200 1,8 1.2 24.0 409,300 0.0 1.6 1,1 451,000 0.0 24.0 2.5 1.7 0.0 24.0 242,100 388,400 1.1 0.0 24.0 1.0 24.0 361,700 0.0 1.4 0.0 24.0 377,300 2.1 1.5 0.0 24.0 428,800 1,7 1.2 0.0 24.0 342,200 0.7 .1.0 0.0 24.0 499,000 1.8 1.1 24.0 544,400 0.0 24.0 544,400 1.6 1,1 0.0 24.0 439,900 1.9 1.2 24.0 559,900 1.0 0.0 .0.9 24.0 548,000 0.0 2.3 1.5 0.0 24.0 462,500 2.0 1.5 24.0 0.0 316,300 0.0 24.0 316,300 1.6 0.8 0.0 24,0 538,600 1.3 0.6 0,0 24,0 356,100 2.0 1.2 24.0 487,500 2.3 1.2 6 main break/boilwater notice issued 1.7 24,0 595,300 1.1 24.0 413,100 0.0 1.0 1.1 boil water discontinued 24.0 0.0 559,900 0.8 0.7 24.0 513,300 0.0 24.0 13,499,800 449,993

595,300

^{*} Refer to the instructions for this report to determine which plants must provide this information.



MONTHLY OPERATION REPORT FOR SUMMATION C. INISHED-WATER PRODUCTION BY CWSs THAT HAVE MULTIPLE TREATMENT PLANTS

	shed-Water Prod				April 2006				•		
	y Water System (Chuluota #1 & #								
Public Wa	ter System (PWS) Identification N	lumber:	3590186							
general de la company	14 国际极端的	经可加强的证据	bacera about	自由透底包含	interior has h	THE REPORT OF	Fall Clear Names	Andrew Indicate	Emilia d	图面的影響影響	
					1						
	Plant 1 Wells	Plant 2									
	1 & 2	Wells 3 & 4	i i					!	(,		
of the			Contract of the latest	and Hotel State	a Meira in a co	A SHAREST NO			E-1738	\$91 × 21 × 4	
in Line	1,152,000	1,440,000	STORE STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET,	ercezanies a parameter	SHOW THE PROPERTY OF THE PARTY	enderte territoriae dans	020210022490320000	Salas A de Cal Manager	TO THE REPORT OF THE PARTY OF	ismita, etaller skipt i	2,592,000
	102.75		56204535574551	versum the late	TO MANAGEMENT OF THE	Eligina statistica seri	a object and the said	PERSONAL TOTAL	STATE STATES	STREET STATE	2,392,000
"Ito" (106,300	404,600	Delicated the fall of the contract of the cont	101 Language Wales		Control of the second second			CHAST STATE OF THE PARTY OF THE	企业企业公司 医 加克拉克	510,900
Jan 18	126,000	467,600			·		 	 -	 ,		593,600
	126,000	467,600					}				593,600
T	98,500	411,700						 -			510,200
- 14 AM	115,800	425,500	 -				 				541,300
V.	115,000	481,200					 				596,200
), The second	98,500	409,300					 				507,800
	104,300	451,000	·		·		 		7		555,300
	90,200	242,100					 		· ·		332,300
	90,200	388,400	 		~~~				-		478,600
	106,900	361,700		<u> </u>	 		†	 	7		468,600
, o, i	88,100	377,300	 				† 		 		465,400
	109,900	428,800	1		<u> </u>		1		· · · · · ·		538,700
	85,400	342,200			<u> </u>						427,600
	113,100	499,000		 			t				612,100
	117,200	544,400									661,600
,	117,200	544,400									681,800
潜汽湖市	97,000	439,900			1				, , , , , , , , , , , , , , , , , , , ,		536,900
" 協	83,100	559,900						<u> </u>			643,000
7 10 1	80,500	548,000									828,500
	97,100	462,500	1	1					,		559,600
	74,400	316,300						I			390,700
	74,400	316,300							· · · · · · · · · · · · · · · · · · ·		390,700
	116,000										654,600
1 17 1	80,600		1		T		T				436,700
	112,900										600,400
10 m XV	75,700				T				· ·		671,000
17 y 184 3	92,700					T		<u> </u>			505,800
110	98,400								,		658,300
Control to the first to	106,000			-				1	1		619,300
				1			1		1 1		019,300
TY STEE				TO STATE OF THE			CARREL GALLE			7.5 (31.0)	16,350,900
AYOR							学是这学型等等				456,419
5,A & 207, 107							国家研究性 200	(中) 中国中	AND THE STREET		671,000

MOPTHLY OPERATION REPORT FOR PWSs TREATING R GROUND WATER OR PURCHASED FINISHED WATER



San Pages A for Landaught					
See Pages 4 for Instructions.					
k General Information for the Mon	th/Year of: May, 2006		 		
A. Public Water System (PWS) Info	rmation				· .
PWS Name: Chuluota				PWS Identification Number:	3590186
PWS Type: Communit	y Non-Transient Non-Communit				
Number of Service Connections at End of M		ty Transient Non-Cor		Population Served at End of Mon	nth: 4,574
PWS Owner: Aqua Utilities F	lorida				
Contact Person: Brian Heath			Conte	ct Person's Title: Are	a Manager
Contact Person's Mailing Address:	PO Box 490310		City: Leesburg	State: Florida	Zip Code: 34749
Contact Person's Telephone Number:	(352) 787-0980		Conta	ct Person's Fax Number: (35)	2) 787-6333
Contact Person's E-Mail Address:	beheath@aquaamerica.com				
3. Water Treatment Plant Informat	ion				
Plant Name: Chuluota				Plant Telephone Number:	407-339-5424
Plant Address: 118 7th Street			City: Chuluota	State: Florida	Zip Code: 32766
Type of Water Treatment by Plant:	Raw Ground Water	Purchased Finished Water			
Permitted Maximum Day Operating Capaci		1,300,000			
Plant Category (per subsection 62-699.310(i), F.A.C.): IV	Long and the second of the second and the second of the	Plant (class (per subsection 62-699.310)	(4), F.A.C.): C
tal maket to remide i the second	THE TAKEN THE PROPERTY HORSE	ZOWATE HERME		THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TW	to State of the State of the State of S
William Trende		c	6411	Days Ist Shift	
Terry McCarthy	<u> </u>	c	4617	Days 1st Shift	
				 	
			_	 	
					
				 	
			<u> </u>		
			<u> </u>	 	
			 	 	
				 	
Comments of the Comments of th					
LCertification by Lead/Chief Oper	ator				
I, the undersigned water treatment	plant operator licensed in Florida, ar	m the lead/chief operator of t	he water treatment	plant identified in part I of	this report. I certify that the
					ils used at this plant conform to NSF
International Standard 60 or other a					
					is used and chemical feed rates; and
(2) if applicable, appropriate treatm					
retain them, together with copies of			ov grose adamons.	operations resorted to into t	no omici so alor mo owici cali
/ / /	~	ii ioi ai ieast tett yeats.			
1. 1:4: 1.)				~~~
- ildlean winds		William Trendel			C-6411
Signature and Date		Printed or Typed Name			License Number

ATHLY OPERATION REPORT FOR PW"Ss TREATING R. GROUND WATER OR PURCHASED FINISHED WATER

PWS	Identification	n Number:		3590186		Plant Name;	Chuluota							
Ш.	III. Daily Data for the Month/Year of: May, 2006													
-	leans of Achieving Four-Log Virus Inactivation/Removal: To Free Chlorine Chlorine Dioxide Ozone Combined Chlorine (Chloramines) Ultraviolet Radiation Other (Describe):													
1 Ab	ype of Disinfectant Residual Maintained in Distribution System: 📝 Pree Chlorine Chlorine (Chloramines) / Chlorine Dioxide													
	Calculation System: 17 Fee Chorine 1 Combined Chlorine (Chloratines) 1 Chlorine Dioxide Calculation Calculation Calculation Chlorine Chloratine Chlo													
1. 1				E British		AND STREET	Union A	£2, 3.	100	16.20年1	(4) (2) (2)	Doses: En		A CONTRACTOR OF THE STATE OF TH
	31.49		100	STATE OF		经 代理 05%	1000	K. F. G. To		1 4 4 4 1	10.00	NO WAY	表 了《2003年	
* 4	2 2 20 %	1.	Park 12 Park	A CONTRACT	0.000		THE	E-Sw	werden.	电影逻辑机	Par Street	SUMME		
	经计划行验	经验证		多数为例	上的影響	Constitution and	国际	1999	31 Mar 7	透透器 。	4.4.6.1	10000	A RATE	
MAR			A ELOVATION	等是是	计划编辑制计		尼亚跃丝	PXW.			THE P	William	To Intectant	
	A Children		of Pinishburg	學學學的	Concent in the content of	Weathern !	Contouring			[2] 建油煤	12 LONG 1	N. Doğum	appeal filtrat	
	or Accept	Monta Sprain	Water #1	Facility of	a Baloidor bleffil A	Long Print	Dinn Fair	MARCH N	A TOTAL TO	Minimum CT	d Obdanie	Kedinied.	Reproje Polity in	CONTRACTOR CONTRACTOR CONTRACTOR
			a violatic fed La	EROSK TION	Customer tall 188			100	上於	Reduired in				
21) : 1¢	THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAM	24.0	106,000	Walter British	0.9			REPORT OF STREET	NAMES OF TAXABLE OF TA	(SEC.20) [4] (SEC.20)	ALAN MERICAL	11.12.52.24.04.4	0.7	光光的 19 19 19 19 19 19 19 19 19 19 19 19 19
	v X	24,0	85,500		1.0		+	 		<u> </u>	}	 	0.7	
300	×	24.0	85,600		1.2		T	1				 	1.0	
٠, ١	X	24.0	92,500		1.2								1,0	
	Y X	24.0	87,300		1.4			ļ	<u> </u>	<u> </u>		1	. 1.2	
	X	24.0	93,500 94,500				 	 	 		 	 	 	
	. ^	24.0	128,000		1.5		+	 	 	 	 	 	1.0	
	X	24.0	77,400	 	1.6		 	 	 	 	 	 	1.0	
1	X	24.0			1.2		1	1	 	 	-	1	0.4	
2.16	X	24.0	82,300		1.1								0.9	
Įŧ	X	24.0	71,800		1.2								1.0	
3.	X	24.0	84,900		1.4		 	 	 	 	<u> </u>		1.2	
	X	24.0	86,300 85,300	 	1.2	· · · · ·	+	 	 	 	 	 		·
	Ŷ	24.0			1.3		 	 	 	 	 	 	1.0	
	X	24.0			1.2		+	 	 	 	 	 	1.0	
	X	24.0	83,400		1.1			T		1		1	1.0	
	X	24.0			1.3								1.1	
	X	24.0						\						
1119	X	24.0			1.2			<u> </u>	ļ		 	1	<u>[,0</u>	
gar.	- x	24.0 24.0			1.1	 	+	 		 -	├ -	 	0.7	
1 2 2	$\frac{\hat{x}}{\hat{x}}$	24.0		 	1.2		+	 	 	 	 	 	1.0	
	$\frac{\hat{x}}{x}$	24.0		<u> </u>	1.3	 	+	1	 	 	 	 	1.1	
	X	24.0		·	1.1	1	 	 	1	 	1	 	1.0	
Γ_{ij}	X	24.0	57,600		1.3								1.1	
		24.0												
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2.	X	24.0		ļ———	1.2		 		 		 	ļ	1.0	
	X	24.0	98,400 2,642,900	}	1,4			ــــــــــــــــــــــــــــــــــــــ	<u> </u>		<u> </u>	ــــــــــــــــــــــــــــــــــــــ	1.2	L
凯克			85,255											
A	ين و يوم موم الذ	10.0	04,634	1										1

^{*} Refer to the instructions for this report to determine which plants must provide this information.

WS (dentification Number, 3591086 Plant Name: Chuluota, Plant # 2 II. Daily Data for the Month/Year of: May, 2006 feans of Achieving Four-Log Virus Inactivation/Removal: 'ype of Disinfectant Residual Maintained in Distribution System: 1.2 24,0 415,300 1.3 1.0 Х 24.0 579,800 1.5 1.0 24.0 525,900 1.6 1.0 24.0 568,400 2,3 1.4 χ 24.0 508,950 0.0 0.0 24.0 508,950 2,2 1.4 24.0 653,700 1.1 24.0 415,500 2.0 1.3 24.0 511,100 х 0.5 0.3. 24.0 428,700 2.5 2.0 24.0 305,000 1.5 1.2 24.0 417,800 0.8 0.4 24.0 484,100 0.0 24.0 484,100 1.6 1.1 24.0 380,500 1.2 1.0 24.0 X 219,900 ī.ī 0,7 24.0 429,900 2,2 1.1 24.0 384,700 1.7 1.2 x 24.0 479,400 0,0 0.0 24,0 479,400 0.7 1.0 24.0 542,300 0.5 24.0 441,700 1.0 0.5 24.0 483,400 x 1.6 1.0 24.0 464,100 1.6 1.1 24.0 251,300 1,6 1.2 24.0 256,700 1.2 0,9 24,0 409,900 0.0 24.0 409,900 1.6 1.0 24,0 351,600 1.3 0.8 24.0 404,100 1.1 0.8 13,709,400 442,239

653,700

^{*} Refer to the instructions for this report to determine which plants must provide this information.



MONTHLY OPERATION REPORT FOR SUMMATION OF FINISHED-WATER PRODUCTION BY CWSs THAT HAVE MULTIPLE TREATMENT PLANTS

inity Wa	ter System ((CWS) Name:	Chuluota							,	
Vater Sy	/stem (PWS) Identification N	lumber:	3590186							
C INF	1941年前的	teriniz serias	SPANSON TAX	SEED OF SEELS	Per district of the C	i en industriale.	in New Name	(PARIS NAMES)	ลายใน	Troughly and	
	***************************************			COMPANY SOME PRINTERS AND	ANTARA ENGLACIO E SENDORA						
Plan	it 1 Wells	6 1	ĺ	f	1	1	1	1	1		
	18.2	Plant 2 Wells 3 & 4			1	}			ļ	į	
		VVEIIS 3 01 4	AMERICAN STREET STREET	ABUSEN THE GOVERNMENT OF THE SECTION	Turking and some	l The solution reports	A STANDARD OF THE STANDARD OF		Carentia (Secretario)	 समझ्यातिकाले स्टब्स स्टब्स स्टब्स स्टब्स	ini Na kanana salah salah salah salah salah salah salah salah salah salah salah salah salah salah salah salah salah
	1,152,000				新新港海河南西西	STATEMENT SERVICES	CHANGE CONSIDER				2 500 00
	132,000	1,440,000	SASOTERS TO SERVER AND A SERVE	of Published Arthress (1.2. m)) Estamake salaksa a) O CONTRACTOR SERVICE	CONTROL AND COMPANIES	ANNUAL WARTS BROKEN U.S. E.	SECTION CLANSING BUILDING SECTION	231-025, 104-77, 37-79, -77-50-23	2,592,00
	106,000	513,300		的表情情境所然	ATTEMPTED TO THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED I	TERRESIDES NO.	DESCRIPTION OF THE		ALCOHOLD TO A	REPRESENTED THE	640 200
	85,500	415,300			 			ļ	 	ļ	619,300
	85,600				 						500,800
	92,500	579,800 525,900	}		ļ		}			<u> </u>	565,400
	87,300	568,400			 				 	<u> </u>	618,400
		****	ļ	 	 	 	<u> </u>		 	ļ	655,700
	93,500 94,500	508,950			<u> </u>		 	 	 	 	602,450
	128,000	508,950 653,700	 		 	 	<u> </u>	<u> </u>	 	 	603,450
	77,400	415,500	 	<u></u>	 	 		 	 	ļ	781,700
	94,600	511,100		 	}	 		ļ <u></u>	 	 	492,900
	82,300	428,700				 	 	 	 	 	605,700 511,000
	71,800	305,000		ļ	 	 		 		<u> </u>	376,800
	84,900	417,800	 	}		}		 	 	 	502,700
4	86,300	484,100			 			 			570,400
	86,300	484,100			 	 	 	 	 	 	
	73,000	380,500	 	 	 		 	· 	ļ		570,400
	71,000	219,900	}]	 	 	 	 	 	 	453,500
	83,400	429,900	 			+				}	290,900
	85,600	384,700		 		 			ļ	 	513,300
	78,150	479,400	 	ļ	 	 			 		470,300
	78,150	479,400	ļ	 		 	J		 	 	557,550
	93,800	542,300	 		. 			 	<u> </u>	 	557,550
	87,600	441,700	 	 		<u> </u>	 	 	 		636,100
	81,300	483,400	 	 		}	 	}	 	 	529,300
	83,700		 -		 				 	 	564,700
	71,300	464,100 251,300	 		 	 	 	 	 	 	547,800
	57,600	256,700	 	 	 			 	 	 	322,600
	77,800	409,900			 		 	 	 		314,300
			 	 	 	-{		 	 	 	487,700
	77,800	409,900	 	 	 			 	 		487,700
	87,800	351,600	 	 		 	 	 	 	 	439,400
THE WHITE	98,400	404,100						1. 1. 2. 2. 2. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	0.5		502,500
										J. 3. 3. J. March	16,352,30
						To a total	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	KO KA			527,494 781,700

MC HLY OPERATION REPORT FOR PWSs TREATING 'W GROUND WATER OR PURCHASED FINISHED W'TER



See Pages 4 for Instructions.

General Information for the Month/Year of:	June, 2006				
. Public Water System (PWS) Information				·····	
PWS Name: Chuluota				PWS Identification Number:	3590186
0.000	Translent Non-Community	Transient Non-Co	mmunity	Consecutive	3370160
Number of Service Connections at End of Month:	1307			al Population Served at End of Month:	3,267
PWS Owner: Aqua Utilities Florida			1.00	at 1 operation out you at 2.10 of William.	5,407
Contact Person: Brian Heath			Cor	ntact Person's Title: Area Ma	pages
Contact Person's Mailing Address: PO Box 490	310		City: Leesburg	State: Florida	Zip Code: 34749
Contact Person's Telephone Number: (352) 787-0				ntact Person's Fax Number: (352) 78	·
	@aguaamerica.com				
Water Treatment Plant Information					
Plant Name: Chuluota	·			Plant Telephone Number:	407-339-5424
Plant Address: 118 7th Street			City: Chuluota	State: Florida	Zip Code: 32766
		ed Finished Water			
Permitted Maximum Day Operating Capacity of Plant, gallon	s per day;	1,300,000			
Plant Category (per subsection 62-699.310(4), F.A.C.):	IV		Plani	Class (per subsection 62-699.310(4), F.	A.C.): C
Large of the local control of the large of t	TO ME TO ME TO ME TO ME TO ME	Liuigi Quicerrae Cia	s License Numb	STATE OF THE PROPERTY OF THE STATE OF THE ST	MOMPHER SERVICE
William Trendel		С	6411	Days 1st Shift	
Terry McCarthy		C	4617	Days 1st Shift	
					
CHARLES AND COMPANY OF THE COMPANY O					
					
Certification by Lead/Chief Operator					
I, the undersigned water treatment plant operator	licensed in Florida am the lea	d/shief operator of	he water treatmen	plant identified in part I of this	
info-mation provided in this report in two and acc	what to the best of my law style	wonter operator or a	ne water treatment	biant identified in part I of this	report, I certify that the
information provided in this report is true and acc	deads of free seal of the Kilowie	Co see 200(2) E	artify ulai all orink	ing water treatment citemicals us	ed at this plant conform to NS
International Standard 60 or other applicable stan	dards referenced in subsection	1 02-333.320(3), P.A	L.C. I also certify	that the following additional ope	rations records for this plant
were prepared each day that a licensed operator st	tatted or visited this plant duri	ng the month indica	ted above; (1) rec	ords of amounts of chemicals us	ed and chemical feed rates; and
(2) if applicable, appropriate treatment process pe	erformance records. Furtherm	ore, I agree to provi	de these additional	l operations records to the PWS	owner so the PWS owner can
retain them, together with copies of this report, at	a convenient location for at le	east ten years.		•	
(a, b, b, b, c, c, c, c, c, c, c, c, c, c, c, c, c,				•	
- Willian Street 7/5/0)6 willia	m Trendel			C-6411
Signature and Date	Printe	d or Typed Name			License Number

MONTHLY OPERATION REPORT FOR PW"Ss TREATING ...AW GROUND WATER OR PURCHASED FINISHED WATE.

PWS Identification	n Number:		3590186		Plani Name:	Chuluota #1							
111. Daily Data for the Month/Year of: June, 2006													
	Means of Achieving Four-Log Virus Inactivation/Removal: Free Chlorine Chlorine Dioxide Combined Chlorine (Chloramines)												
Ultraviolet Radiation													
Type of Disinfectant Residual Maintained in Distribution System: Calculations Chlorine Chloramines Chlorine Dioxide													
NAME OF STREET	CT Calcideflons UV Dose												
1 V. 18 20	, *			3824 - 1.16	14. 34.					300 - 30			
		Sign			The state of the s	Lowest C.(100	, j. , , , ,			7		
Maria Transfer	S. Carlot			Lours Residual	Contact Time	Belon drat		1200000	Total Control	4, 3, 3,	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Lowest Residual	
Staffed of		Net Quantity		Disinfectant	There	Pirst	4	100 + 100 C			Mirrimun	Disinfectant,	
Visited by	(Z^{2}, \mathbb{Q}^{2})	the Finished.		Concentration (C)	Meniurement.	Customer".	4 G. 3.	No. 10	, T.	Lowest'.	UV Dose	Concentration de	Emergency or Abhornial Operandity of
Day of J. Operaco:	Hours plant	Water		Batore of at First	Point During	During Peak	30	1. 18 Y	Minimum CT	Operating	Required,	Remote Point in	Conditions, Repair or Maintenance, Work that
		Producted	Peak Flow	Gustomer During	Peak Dow	Mon ma	(cut) or	gH of Water,	Required, ing	LDV DOSE	n provi	Distribution,	Involves Daking Waler Switch Camponent
3000 HO HE WAS \$5.00	24 O	88 300 W.C. 188 A.C.	CASSIE REPORT	A CONCENSION OF THE PARTY OF	R THINGLER SAFE	- securitaria de	WHIST. TO	hive bbitting	A SOMBING SE	Th W-Societii	2.900/D(113)	System; mg/3	THE CANAL STREET, STRE
	24.0	74,900		1.0		 	 -	 		· · · · · · · · · · · · · · · · · · ·	 	1.0	
	24.0	80,750	 				<u> </u>	 			 		
数数数	24.0	80,750		1.5								1.2	
was ite	24.0	101,300		1.2								1.0	
	24,0	86,700		1.2				<u> </u>				1.0	
	24.0 24.0	90,400		1.4		ļ	 -	 				1.1	
Market	24.0	90,600		1,1		 	ļ ————	-			<u> </u>	1,2	
	24.0	88,500	 	1.3		 	 			<u> </u>	 	1.1	
	24.0	78,450					<u> </u>						
	24.0	78,450		1.0								0.8	
	24.0	60,900	ļ	0.7		ļ		 	ļ			0,5	
12 10 10 10 10 10 10 10 10 10 10 10 10 10	24.0	85,100 88,300		0.9		 	 	┼──	 			0.7	
V. 38552	24.0	84,900	 	1.8		 		 		 	 	1.5	
	24.0	77,850						 -			 	· · · · · · · ·	
建和金属	24.0	77,850		1.0								1.0	
學 ()	24.0	85,900		1.0								0.8	
	24.0	83,000		1.1				<u> </u>		<u> </u>	ļ	0.8	
	24.0	80,500 88,600		1.2	 	 	 	 -			 	1.0	
	24.0	78,600	 	1.3	 	 	 	 	 	 	 	1.0	
	24.0	87,500	 		· · · · · · · · · · · · · · · · · · ·	 	 	 	 	 	 	1.0	
	24.0			0.8								0,6	
	24.0			1,1								0.8	6" main break/boil water notice issued
X 1/2 K	24,0			1.3			ļ	<u> </u>				1.0	
	24.0	80,700		12	ļ <u>.</u>	 	 -	 	 	 	<u> </u>		boil water / discontinued
35 S. S. S. S. S. S. S. S. S. S. S. S. S.	24,0 24.0	87,800 81,200		1.3		 	 	 	 	 	 	1.2	
	24.0	01,200		1.0		 	 	 	 	 	}	1,3	
	Programme Company	2,537,100	 	<u> </u>			1		<u> </u>		1	<u>.</u>	
TO SECTION AND AND AND AND AND AND AND AND AND AN	150	84,570											
MY HIT WALL		112,800											•

^{*} Refer to the instructions for this report to determine which plants must provide this information.

PWS Identification Number: 3591086 Plant Name: Chuluota, Plant # 2 III. Daily Data for the Month/Year of: June, 2006 Means of Achieving Four-Log Virus Inactivation/Removal: Type of Disinfectant Residual Maintained in Distribution System: GT Calculations, on UV Dose to Demostate Four Log Virus finactivation, if Applicable 1 CT Criculations Lowest CT Districciani a Rroylded : defore of at Lowest Jestitus Disinfectant Concentration (C) Before or at Pirst. Confisci Time (Tla C). Measurement Distrikolahi Not Quantily Minimum: ** First UV Dose. Concentration at Epicegemov or Abnormal Orienting Could Required. Remote Point in Repair of Maintenance Workflat I West Wales Suley Composing Consector (Experimental International Composing Consector) of Finished Customer Hours plant Water Before of at Pint Point During Peak Minimum CT Operating III Producted Peak Flow Customer During Reak Plow Selection Peak Flow Required, mg UV Dose, Operation Flowing Water Cife applicable minutes in Westerner Communication Communicatio 427,200 0.0 24.0 284,700 0.5 0.8 0.0 24.0 355,150 0.0 0.0 24.0 355,150 1.5 0.6 0.0 24.0 469,800 1.5 0.7 0.0 24,0 328,100 1,5 0.9 0.0 24,0 433,400 2.3 1.4 0.0 24.0 506,900 1.7 1.0 0.0 24.0 221,400 1.5 1.0 0.0 24,0 444,800 1.2 0.7 0.0 24.0 375,600 0.0 24.0 375,600 1.1 0,6 0.0 24.0 149,500 0.8 0.4 0.0 24.0 286,700 1.4 0.8 0.0 24.0 288,800 1.2 0.7 24.0 337,800 0.0 1.0 0,5 0.0 24,0 355,550 0.0 24.0 355,550 1.5 1.1 24.0 443,700 0.0 1,5 0.7 0.0 24.0 280,600 0.9 0.7 24.0 438,400 0.0 2.1 1.4 382,200 0.0 24.0 1.7 1.2 24.0 413,400 0.8 0.0 1,0 0.0 24.0 353,650 24.0 353,650 1.3 0,0 0.5 24.0 304,900 2.2 0.0 1.2 233,900 1.9 0.0 24.0 1.3 0.0 24.0 285,400 1.1 8.0 24.0 365,400 1.6 0.0 1,1 344,000 1.6 24,0 0.9 24.0 20 VIII 10,193,000

339,767 506,900

^{*} Refer to the instructions for this report to determine which plants must provide this information.



MONTHLY OPERATION REPORT FOR SUMMATION OF FINISHED-WATER PRODUCTION BY CWSs THAT HAVE MULTIPLE TREATMENT PLANTS

See page 2 for instructions.

- A 1º	A Laboratory	luction for the l	nontarioa or.		June 2006						
munit	y Water System ((CWS) Name:	Chuluota #1 & #								
1	ter System (PWS			3590186	Company of the Property of the Party of the		NISS OF THE REAL PROPERTY.		Land of the land o	CANADA DI VANDONA DI CONTRA	ingsamanggalatiga Phanyswa
	Plant 1 Wells 1 & 2	Plant 2 Name 2	Pan Swamer	Plany Nemes	Plant Name:	Plant & Name	Plant 7 Name:	Plant 8 Name:	Flegt D. Name:	PHENDINAME	
12.										1	
ખ્	Plant 1 Wells	Plant 2			[1			Ì	
	1 & 2	Wells 3 & 4	;		ļ					<u> </u>	
	THE WHEN	" · (2 \ 2) 3 8 1)	H X SEA POR	Wildelmannim	Day to perating C	pacity of Each	lant gallons be	day See 44	0.75 0 350		
0	1,152,000	1,440,000					l "				2,592,000
	社会が表現の		位长过来 100	Net Cuentify of	Pinished Vieter f	roduced by Eac	hiPlant; gallons.	ST CHARLE	4.00		
	88,300	427,200									515,500
	74,900	284,700		_							359,600
	80,750	355,150									435,900
	80,750	355,150									435,900
	101,300	469,800									571,100
	86,700	328,100									414,800
副選	90,400	433,400									523,800
	112,800	506,900					•				619,700
	90,600	221,400									312,000
មី វង្គ	88,500	444,800									533,300
211.0	78,450	375,600									454,050
	78,450	375,600									454,050
7 , 1 2	60,900	149,500			<u> </u>						210,400
	86,100	286,700						.		<u> </u>	372,800
	88,300	288,800									377,100
المراجعة	84,900	337,800								<u> </u>	422,700
أوني الم	77,850	355,550			ļ						433,400
فتوع	77,850	355,550									433,400
	85,900	443,700		ļ							529,600
1198	83,000	280,600			· ·						363,600
	80,500	438,400			<u> </u>		<u> </u>	<u> </u>			518,900
	88,600	382,200			ļ						470,800
	78,600	413,400			<u> </u>						492,000
	87,500	353,650						 		<u> </u>	441,150
2.4.2	87,500	353,650		<u> </u>	 	<u> </u>	ļ <u>.</u>	<u> </u>		· ·	441,150
13	91,900	304,900		ļ <u>.</u>		ļ	ļ	 	ļ	<u> </u>	396,800
	76,100	233,900					 			<u> </u>	310,000
	80,700	285,400					 		ļ		366,100
	87,800	365,400			 				ļ	_	453,200
	81,200	344,000							<u> </u>		425,200
	Marie Property and the Company		[<u> </u>	1	1			0
1	Vally Mills	的复数 自身	1.46年出						The way the said		13,088,000
	"我们来是我们的	her in the said	Kray 25	C. 27 MILE 72	Man But Rown	3.00 克克斯 中岛	, t		11 P. 12 P.	医心下的 医喉炎	456,419

MC THLY OPERATION REPORT FOR PWSs TREATING W GROUND WATER OR PURCHASED FINISHED W TR



See Pages 4 for Instructions,		•			
. General Information for the Month/	Year of: July, 2006				
A. Public Water System (PWS) Informa	ition			`	
PWS Name: Chuluota				PWS Identification Number:	3590186
PWS Type: Community	Non-Transient Non-Commun	ity Transient Non-Con	amunity	Consecutive	3370180
Number of Service Connections at End of Monti	1307			Population Served at End of Month:	4,574
PWS Owner: Aqua Utilities Florid			1.0,0	- operation but too at 2 and of informat	7,27
Contact Person: William Trendel			Conts	oct Person's Title: Senior C	Inerator
Contact Person's Mailing Address:	140 Hope Street		City: Longwood	State: Florida	Zip Code: 32750
Contact Person's Telephone Number:	(407) 339-5424			ect Person's Fax Number: (407) 33	
Contact Person's E-Mail Address:	betrendel@aquaamerica.co	m		(3.//3)	
B. Water Treatment Plant Information					
Plant Name; Chuluota				Plant Telephone Number:	(407) 339-5424
Plant Address: 118 7th Street			City: Chuluota	State: Florida	Zip Code: 32766
Type of Water Treatment by Plant:	Raw Ground Water	Purchased Finished Water			
Permitted Maximum Day Operating Capacity of		1,300,000			
Plant Category (per subsection 62-699.310(4), F	.A.C.): IV		Plant C	lass (per subsection 62-699.310(4), F	.A.C.): C
Elicab Supramors Electrical and an electrical	Service Statement Control	License Class	License Number	A Davie Co	TERROT WORK TO A SECOND SE
William Trendel		c	6411	Days 1st Shift	
Claration (m) (m)					
Terrence McCarthy		С .	4617	Days 1st Shift	
Certification by Lead/Chief Operato					
I, the undersigned water treatment plant	t operator licensed in Florida, an	n the lead/chief operator of th	e water treatment p	lant identified in part I of this i	report. I certify that the
information provided in this report is to	ue and accurate to the best of my	y knowledge and belief. I cer	tify that all drinking	g water treatment chemicals us	ed at this plant conform to NSF
international Standard 60 or other appli	cable standards referenced in su	ibsection 62-555.320(3), F.A.	C. Lalso certify the	at the following additional one	rations records for this -14
were prepared each day that a licensed	operator staffed or visited this p	lant during the month indicate	d above: (1) record	ds of amounts of chemicals use	d and chemical food
(2) if applicable, appropriate treatment	process performance records. F	urthermore, I agree to provide	these additional o	perations records to the PWS	wner so the PWS owner con
retain them, together with copies of this	preport, at a convenient location	for at least ten years.			Co with it is owner call
11/2/1/2011	Q[2]nc	William Trendel			1
Signature and Date	you com				C6411
regulature and trate	, ,	Printed or Typed Name			License Number

....ONTHLY OPERATION REPORT FOR PW"Ss TREATING K ... GROUND WATER OR PURCHASED FINISHED WATER ____

		n Number:		3590186			Chuluota, P							ISHED WATER	
III. Da	ily Data	for the N	onth/Year	of:		July, 2006	1 - 1 - 1 - 1			·					
Means of	f Achievii	ng Four-Log	Virus Inacti	vation/Remova	al: Free C		Chlorine Di	iovida			Lined On to 1	(CL)			
[Ի Սեւ	raviolet R	adiation	F Oth	er (Describe):	, , , , ,	,	Chlorine Di	oxide	Ozone	1 Com	bined Chlori	ne (Chiorat	nmes)		
Type of	Disinfec	tant Resid	1			Free Chlo	vine [Combin	red Chlorine	(Chloramine	-6/	Chlorine I	Diovide		`
3.3	P. A. S. C.	To the Ref. TO	3.1.27	The second second	Television by atom.	PARTIE CHA	A VARIOUS RES	Comon Caster Title	SOME LINE	Zi. D. The East of	1 37 E 1 1 3	Chlorate	JIOXI OC	Design Production of the Control of	AC 18/2-26
3	4.34			7	1 Caryotations, or	WOW DOSE, IO	riculograte.	ROUI-LIOS	g v _e gus mac	uvation, it.	Applicable	3 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	学教 公务		
	A		3			LA CALL	utations:	1		13	UzVal	2086	Section Section		
Dit.	\$1.75	10 S				M. 133 Y	Lowest CT	7.5		3				Encoration of the	
经常用	nys (Pant	3.7	李 本"沙"。		France Description	Disinfectant	Provided		12 200	, , , , , , , , , , , , , , , , , , ,	1. 1. 1.	W. r.	ANT IT	The state of the s	123
	Staffed or		Net Quantity		Dism feetanti	S In sire	merchinet:	100	13.73	" " de .		Minimum	Lowes Kestous		4
	Visited by	«	of "inished?		Concentration (C)	Measurement	Chistomer	2.00	1.73		Lowest	U.V Dose	Concentration at	Emergency of Abnormal Open	
Day of	Upgrator,	Hours broun	Water !		Before or at First	Pain During	During Peak	_ A	n i	Minimum C7	Operating	Required;	Remote Point in	Canditions Repair of Maintenance V	从我们
ANOTHER !	原源	Operator.	roducted	Heak Flow	Customer During	Peak Flow	Flow, mg	Lenup of	pH of Water	Required, mg	UV Dose	inwy	Distribution ?	Lovo ver Taking Water System Com	poornis
	Х	24.0	77,000	Bruit.	Postulos Aut S.	Entrantonida 25 5 5	- PROMINERAL	SYSTATION C	N.Applicable	เลาในมีกระ,	mW-sec/cm*	Redicm",	System marti	Energeacy or Absorbet Oters Conditions Repair of Maintenatics Loudves Saking Water Systemicon Loudves Caking Water Systemicon	ASSESSED
		24.0	77,000	{	1,2						 		0.8		
	X	24.0	87,400		1.0								0.6		
100	- x	24.0	65,200 84,900	 	0.9	·							0.6		
	х	24.0	77,800	 	0.8						<u> </u>		0.6		
The state of	X	24.0	74,000		1.5	- -							1.2		
	X	24.0	72,700		1.6					<u> </u>			1,3		
	X	24.0	85,500 85,500												
	$\frac{2}{x}$	24.0	83,900		1.5								1.3		
1000	Х	24.0	76,200		1.3								1.1		
	Х	24.0	86,400		1.3						·····		1.1		
在於	X	24.0	70,400		1.2								1.1		
	- 2 	24.0	76,750 76,750												
建立	x	24.0	89,300		1.1								1.2		
	Х	24.0	93,100		0.7							 	0.7		
建 加州	X	24.0	72,300		1.1								1.0		
建加州	X	24.0	78,600 86,600		1,1								1.0		
卷	$\hat{\mathbf{x}}$	24.0	75,500		1,1								0.9		
100	Х	24.0	71,200		4,-								1.2		
學能够	X	24.0	71,200		1.2	· _							1.0		
	X	24.0	53,800		1,2								1.0		
	X	24.0	81,200 87,200		1.6								1.3		
	$\hat{\mathbf{x}}$	24.0	76,100		1.1								1.0		
心器	X	24.0	71,900										0.8		
900	Х	24.0	71,900		1.2			·					1,1	· · · · · · · · · · · · · · · · · · ·	
43.00	X	24.0	85,700		1.1								1.0		
The second		14- 5100 10-10-00	2,423,000 78,161												
Time.			93,100											•	-

^{*} Refer to the instructions for this report to determine which plants must provide this information.

JONTHLY OPERATION REPORT FOR PW"Ss TREATING . J.W GROUND WATER OR PURCHASED FINISHED WATER

PWS	Identificatio	n Number:		3591086		Plant Name:	Chuluota, P	iant # 2						
ΠU	Daily Data	for the A	lonth/Year	of:		July, 2006								
				vation/Remov				·						
	Stravialet D	ng rour-wy Indiation	y virus macil	er (Describe)	al: 🔽 Free C	intorine ;	Chlorine D	ioxide	C Ozone	Comb	oined Chlorin	ne (Chioran	nines)	
ļ.,	A COLUMN	CHORETOIL) Oth	er (Describe)							,			
Lype	of District	ctant Kesic	lual Maintai	ined in Distr	ibution System:	Free Chle	orine I	Combin	ted Chlorine	(Chloramine	s) I	Chiorine D	Dioxide	
145		14 70 7	10	2位 图图 4	T Calculations io	LLV Dose, to	Démostate	Four-Log	, Virus Inac	divation, if	Applicable*			
13.5				" "一支统。"	4.7	CT Calc	distions :		7	1	· ··UV	Dose		
153%	上海		S. Jack			Sid very					Ver 3	100		
	1 3 3 3 3	10 to 10	Target Control	15 CAN	· 1000 000 000 000 000 000 000 000 000 0	l Nielesansia	Leowester	W. Car				1	13.6 × × ×	
3.44.6	Days Plant				Invest Residual	Charled Time.	Refine or at	1	14				Lowest Residual	
37.3	Staffer or.		Net Quantity	4.	Disinfectant "	" (marcin	Pinn	6.6.4.	18 July 2006			Minimum	Disinfectant	
1.00	Visited by	16. 35	of Finished		Concentration (C)	*Measurement	Customer	(* *	10224	₩ 1 - 7 - 7 - 5	Lawest	UV Duse	Concentration at	" Binergency of Abnormal Operating
, Days	f Operator.	Hours plant	Water :	1. 1	W Belore on at First	2 Porfe During	Doring Pelik		10 5 m.	Minimum CI	Operating	, Required,	Remate Point in	Conditions Repair to Me nietange Ware that
1	(Blace -	没有的	Producted,	Peak Flows	Customer Durings	Peak Flow	dow rigi	Jempol	pH of Water	Required; mg	:UV Dose	mw.	Distribution	Thirdives Taking White System To in Proposed.
Sylon	上海和大小	Operations	Mary Bally 10	Rate apd a	Calchove party	THE VINNI LES STORE	e inot	Water	(expelicable	rmin/L	mw-seprem	r scovemen	System flore	自由 是 10 10 10 10 10 10 10 10 10 10 10 10 10
4-11-	X	24.0	349,250	 								<u> </u>		
ir 🥳	X X	24.0	349,250	 	1.7					<u> </u>		 	1.3	
	- ÷	24.0	374,700	 	0.6		ļ		ļ	 			0.0	
	<u> </u>	24.0	414 700	 	2.0	<u> </u>		 	 	 		 	13	
3	X	24.0	278 100	 	1.7		 	-	 	 	<u> </u>	 	11	
	Х	24.0	328,200	 	1.6	 	+	 	 	 	 	 	1,0	
\$ 15 C	Х	24.0	252,800	† 	1.5		1	 		 			1.0	
1.3	X	24.0	323,700				1							
	X X	24.0	323,700		0.9								0.6	
244	X	24.0	280,200	<u> </u>	0.8					<u> </u>		<u></u>	0.6	<u> </u>
120	X	24.0	269,500	 	1.7	 _		 	ļ	 			1.0	
	27 X	24.0	342,900	 	1.3		ļ. <u></u>	 -				 	1.7	
	Y Y	24.0	387.550	 -	1.6		 	 	} -	 	 	 	 	
酒酒	X	24.0	381,550	 	17				1	 		 	14	
	X	24.0	428,900		1.3				 	 			0.6	
	X	24.0	228,000		1.5		-	T	 	 	 	<u> </u>	0,9	Binterdency, or Apriormal Operating Conditions: Security Wiles Sesser, tronscuents Licenses of the Condition
	X	24.0	251,900		0.7							1	0.4	
	X	24.0	336,400		1.0								0.6	
	Х	24.0	212,800		1,1								0,6	
	X X	24.0	340,900	 	1.3		ļ	ļ		<u> </u>	ļ	 	0.9	
	X	24.0	302,100	}					1	<u> </u>				
	A X	24.0	302,100	 	2.0		 		 	 	<u> </u>	 	1.5	
	- ^-	24.0	340 400	 	23			 	 	 		 	1 12 -	
医	X x	24.0	307 300	 	1.4		 	-	 	 		 	1 10	
	x x	24.0	426,900		2.1			 	 	 	 	 	1 1.3	
	X	24.0	310,700	 						 		 	 	
	X	24.0	310,700		1.0			$\overline{}$	 	1.		1	0.7	
	XX	24 0	318,800		0.9								_0.5	
E CO	美观的		9,791,500											
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^{*} Refer to the instructions for this report to determine which plants must provide this information.



MONTHLY OPERATION REPORT FOR SUMMATION OF FINISHED-WATER PRODUCTION BY CWSs THAT HAVE MULTIPLE TREATMENT PLANTS

See page 2 for instructions.

D !! E:			•								
Carry Finis	hed-Water Pro	duction for the			July-06						
Community	Water System	(CWS) Name:	Chuluota	·						 	
FUDIIC VV80	er System (PWS) Identification (lumber:	3590186	MANAGEMENT AND THE SECOND STREET	Parker Salary May 5 Carlot as	PROFESSION AND THE CONTRACTOR OF THE CONTRACTOR	Special St. Special Indiana Special	Name and a later of the Page 190	mental and the resolution of the	CONTRACTOR OF THE STATE OF THE
2	te intra live in the live in t	iklanizi Namel	Hantename	AN STATE OF THE PARTY OF THE PA	AP ANTO NAME:	AIRINA NAME.	Plant? Name:	Plante Namer	A AND STANDAR	REDIVED NOTATE	The state of the s
13 K 17 F											
	Plant 1	Plant 2	1								报金子工资税
	Well 1 & 2	Well 3 & 4	<u> </u>								
		TO THE STATE OF THE STATE OF	ing the early regu	milled Maximent	Distributed Chargo	pacity of Each I	Hant gallons per	day his to the	作為亦物機能發展		经基本的通过工程
ALKEND !	1,152,000	1,440,000		1		i)	!	2,592,000
3 NOW 3				是於他們的可能認可	ADDITION AND THE REAL PROPERTY.	Hoduced by Eac	a Planti gallons	一个,在一种基础的	THE RESERVE		
	77,000	349,250									428,250
	77,000	349,250									426,250
	87,400	374,700				L					462,100
	65,200	226,300						<u> </u>			291,500
	84,900	414,700									499,600
	77,800	278,100									355,900
	74,000	328,200			<u> </u>						402,200
	72,700	252,800		ļ	<u> </u>						325,500
	85,500	323,700									409,200
	85,500	323,700									409,200
	83,900	280,200	 								364,100
	76,200	269,500		ļ							345,700
	86,400 70,400	282,900		<u> </u>	ļ						369,300
		342,200		!							412,600
	76,750 76,750	381,550 381,550									458,300
	89,300	428,900									458,300 518,200
	93,100	228,000		 							321,100
	72,300	251,900									324,200
	78,600	336,400				 -					415,000
	86,600	212,800	<u> </u>	 				 	 		299,400
	75,500	340,900		 				 		 	416,400
A ANNALYS AND AND AND AND AND AND AND AND AND AND	71,200	302,100									373,300
	71,200	302,100	· · · · · · · · · · · · · · · · · · ·	 	, , , , .						373,300
	53,800	206,000						<u> </u>			259,800
	81,200	349,400								——	430,600
	87,200	307,300						 			394,500
10 (34) 10 (24) 10 (4) 10 (4)	76,100	426,900						<u> </u>			503,000
100	71,900	310,700				•					362,600
11109	71,900	310,700				 				,	382,600
	85,700	318,800	· · · · · · · · · · · · · · · · · · ·	 				1	<u> </u>		404,500
Total Training	2,337,300	9,472,700				公司等的	West of the	ALL THE			12,214,500
A海線線的	78,161	315,855			real		一世 明 曹 地	学科学生的	7. W. W. W.	THE STATE OF	393,667
Max N. FF	93,100	428,900		TO THE LAND	特别是一种	10年3月11年7月	的學問學的				518,200

MO"THLY OPERATE A REPORT FOR PWSs TREATING PIN GROUND WATER OR PURCHASED FINISHED WATER



See Pages 4 for Instructions. I. General Information for the Month/Year of: August, 2006 A. Public Water System (PWS) Information PWS Name: 3590186 Chuluota PWS Identification Number: PWS Type: Community Non-Transient Non-Community Translent Non-Community Consecutive 4,574 Number of Service Connections at End of Month: Total Population Served at End of Month: 1307 PWS Owner: Aqua Utilities Florida Contact Person: William Trendel Contact Person's Title: Senior Operator Zip Code: 32750 Contact Person's Mailing Address: State: Florida 140 Hope Street City: Longwood Contact Person's Fax Number: (407) 339-7490 Contact Person's Telephone Number: (407) 339-5424 Contact Person's E-Mail Address: betrendel@aguaamerica.com B. Water Treatment Plant Information (407) 339-5424 Plant Name: Chultiota Plant Telephone Number: 118 7th Street Zip Code: 32766 Plant Address: Chuluota State. Florida Type of Water Treatment by Plant: ✓ Raw Ground Water Purchased Finished Water Permitted Maximum Day Operating Capacity of Plant, galions per day: 1,800,000 Plant Category (per subsection 62-699.310(4), F.A.C.); JΥ Plant Class (per subsection 62-699.310(4), F.A.C.): Milicensed Operators at the control of the control Lead Chief Operator William Trendel 6411 Days 1st Shift Days Ist Shift Terrence McCarthy 4617 II. Certification by Lead/Chief Operator I, the undersigned water treatment plant operator licensed in Florida, am the lead/chief operator of the water treatment plant identified in part I of this report. I certify that the information provided in this report is true and accurate to the best of my knowledge and belief. I certify that all drinking water treatment chemicals used at this plant conform to NSF International Standard 60 or other applicable standards referenced in subsection 62-555.320(3), F.A.C. I also certify that the following additional operations records for this plant were prepared each day that a licensed operator staffed or visited this plant during the month indicated above: (1) records of amounts of chemicals used and chemical feed rates; and (2) if applicable, appropriate treatment process performance records. Furthermore, I agree to provide these additional operations records to the PWS owner so the PWS owner can

Dan I

C6411

License Number

Page 1

William Trendel

Printed or Typed Name

DRP Form 62-555 900(3)Alternato

Signature and Date

retain them, together with copies of this report, at a convenient location for at least ten years.

MONTHLY OPERATION REPORT FOR PW"Ss TREATING RAW GROUND WATER OR PURCHASED FINISHED WATER

	PWS 1	cntification	ո Ուցուհցը։		3590186		Plant Næn-e	Chuluota, Pl	ant#1						
March Charles Charle	HL D	aily Dala	for the M	onth/Year	of:		August, 2006								
Combined Chlorine (Chlorenines)	Means	of Achievis	ng Four-Log	Virus Inactiv	alion/Removi			Chlorine Di	invide	Conc	r Comt	ained Chloris	re (Chioran	nines)	
	(UII	raviolet R	adiation				,	Ciliornic 15	OAIGC	, 020	1 0000	2111C(1 \$2111())	ic (cilional		
C C Standard So C C Standard So C C Standard So C C Standard So C C C Standard So C C C C Standard So C C C C C C C C C	Tuna	f Main for	same Desid	Land And Property			D Free Chile	rine [Combin	ed Chlorine	(Chloramine	s) =	Chlorine I	liovide	
X	3 4 44	are valend	Train Nosid	war wantan	icu in Distri	oundi System.	THE CHICAGO	ETTERNESS STREET	E SOUTH NO.	NSAMO TERS	(K.V. Leiter State)	e Mero Literati	* 2(3) (2*5 3)	- 2884 - 1939 -	
X	2		3 / j (m)	100	112 3	i Calculations, of	MAN DOSCULO	Demostate .	CONTROL	A LUIS LUHO	irvation, at 7	rbbiicanie.	erine Salar Kanasa Tari		
X	1 E 1	- 1		(4)			GI Calc	ilations.	1 200			UV	Jose. 7' 1	382 is	
X	\$3° (\$4°)	20		**************************************	13.1111	"李慈丑"和李章	建于11 000	EDWEST	Pres	\$ 10 mg		1 9 8 5	A 1. 1. 1. 2.	· 海洲 计影子	ALCOHOLD THE PROPERTY OF THE P
X	36	Com L			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	以中央 (1)	Disinfection(V	Provided	Contract of	4、温频	建筑。	13.00	思える物質	144	I PLANTE OF THE PARTY OF THE PARTY OF THE
X		Pays Plani				lowes Residues -	Contact Time?	Before or at	SC.	3 7 5 6 5 1 1	赞 生 这	1		Lowes Residual	
X		Sibiles or		Nec On antity.	医红霉的	Distriction (3.7	K COMES !!	First	1 , 3			Company	ZUM Daei	5 Dainfactanti	
X	TOTAL	T SHEET BY		o Distinished		Concentration (£1)	(Measurement)	Customer		1	CAR V CT	Onebarine	Regimend	Concentration at	The Research of Amnorthan Educations
X	ino)	and a	rivins pinin hit in sici	2-Droit ried	Dag Colone	Commercial and	Desire Company	Linnig Leak	Temb of	nt of Water	Remined me	UV Dose	nw.	dutuskaskuskas	Involves Telling Water Systems 1990 Sonards
X	Month:	4 100	Operations	PART RALL S	Ting tod	Reak Flow Market	Sta montasi F		mar. c	(Applicable	F dinings	mW-sectom ¹	seclem 1	System mult	The Could to pend think the service of the service
	11-41-0	Х	24.0	78,100		1.2								1.0	
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1.	7 7 0					0.0							-	0.9	
17.5 X															
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No. No.	5-10-4													1.5	
13	建建 化的	Χ	24.0			1,1								1.0	
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ABS X 24.0 67.800 1.0 1.4 1.2 1.2 1.2 1.4 1.2 1.2 1.4 1.2 1.4 1.2 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.5 1.4 1.5 1.4 1.5 1.4 1.5 1.	1-200°E			68,450											
1.2 1.2 1.2 1.4 1.2 1.2 1.4 1.2 1.4 1.2 1.4 1.2 1.4 1.2 1.4 1.4 1.5 1.4 1.4 1.5 1.4 1.5 1.4 1.5	121														
X 240 51,500 0.8 0.7	12 10 L											<u></u>			
X 240 74,000 1.8 1.4	24 MAY											 .			
X 24 0 59,100 1.6 1.4 1.2 1.2 1.2 1.2 1.2 1.3 1.2 1.3 1	TOTAL PA				 				 			 			
14 14 14 15 17 17 17 17 17 17 17						1,0			 		·	 		1-7	
	E 32.					1.6								1.4	
X 24.0 71,300 1.4	A 26-12		24.0												
31 X 24.0 63.500 1.4 1.2 (1.2 (1.2 (1.2 (1.2 (1.2 (1.2 (1.2	29 %	Х	24.0												
OJAN: () 2.493,400	. 30 4														
	- 14年				ļ <u> </u>	1,4			L	L,		L		1.2	
				- 2,493,400 80,432							,				

^{*} Refer to the instructions for this report to determine which plants thust provide this information.

MONTHLY OPERATION REPORT FOR PW"Ss TREATING KAW GROUND WATER OR PURCHASED FINISHED WATER

PWS Id	entification	Number:		3591086		Plant Name:	Chuluota, Pl	ant # 2							
III. D:	aily Data	for the M	outh/Year	ol:		August, 2006									
				vation/Remov		hlorine	Chineine Di	ovide	C 02000	r Comi	rined Chloris	re (Chloran	nines)		
T UK	raviolet R	adiation		er (Describe);		,	CHARING O	ONIDO.	1 020119	, come	Jinea Citiotii	to (Cinoran	inics y		
Type	f Dialaton	stant Dustil		11. 15: 15:		Free Chlo	rine F	Combin	ed Chlorine	(Chloramine	(s) ["	Chlorine D	Viovide		
2300		Assistance of	uai iviailitai	Tel and teller	ve and distribute	A Price City	THIC T	ACCUPATION	WEIGHT AND THE	Stant Date	ery Paraleta artist	\$12.00 Mg	e sales estar la	Land Comment of York	
					L Galgulations of	U VEUOSCATO	Demostates	ONETOE	Autra ingo	uvarion, ir 7	Applicable.	20.00.000			
		N 42 4 1		1 to 1 to 1	24 24 24 24	SAMPLE CIPERIO	idations 1	124 129 12	(* ***	* `, 'U.V.'I	20se - 312			
[[]							OLOWEST CT	Server 1	100	$\mathbf{x} \in \mathbb{R}^{n \times n}$	A. 其一个				
. W. A.	2.30	002 37 5 19				Disinfootani.	Provided	retirent - P	V-384	# * · · · · ·	1. 1. 1. E.	A . Y . Y	经验证证据	S. Marketon	
4.	Days Placi	B	1. 多森岭		Lowes Residual	ACONDICT Time	Betore or pi	175	4.4	3.55	J. 150 1	1.34.14	Lowest Residual	1 THE RES	
公益非	CHIEF N	をマンオ	Net Quantity	1000年以刊	Diniofectuat.	A MATERIAL COLL	Filling	100	214 O.	14 7 4 7 W. 3	Tanada se	Manager 1	e Districtant	可 持持。	
Dav br	Operator	House	vicinished+		Halling To Action	Medamente in	Liorine Cont	美统技术	P. Control	Minimum CT	Operation	Required	Demale Pale		A Marian Control
the	PAC		Producted	Penk Finw	Chalomer Dining	Perfection	Flow me-	Tempor	of Lof Water	Required in	UV Dose	nW.	- Pratribution	dovolves Tale and	Mar Systems Components
M ∂nin	200	Decreto	Sale A	Rate ppo	Pericelow and	Serbimies 1		Waren 80	#Applicable	min/b	mW-300/cm	seo cm	System ang/E	学学派长额	Apparate (permitty) Apparate (permitty) Apparate (permitty) Apparate (permitty) Apparate (permitty)
多针 体	X	24 0	385,200		1,8								1.2		
* 1 T	X	24.0	362,300		3.0								1.4		
	<u>X</u>	24.0	364,400		1,4								1,0		
	X	24.0	473,000		l.5			Į					0.9	<u> </u>	
	X	24.0 24.0	381,000 497,200		1.4		<u> </u>	 -					0.9	····	
	$\hat{\mathbf{x}}$	24.0	497,200		1,3								0.7		
N. H.	X	24.0	423,700		1.0		 						0.6	· · · · · · · · · · · · · · · · · · ·	
KUT E	X	24.0	414,300		1.7		<u> </u>						1.0	<u> </u>	
	X	24.0	464,500		1.3								0.6		
PARK!	X	24.0	1 516,400		2.4								1,3		
数 [6]	X	24.0	570,250									<u> </u>			
29)36. 5)] 4	×	24.0	570,250 316,600		1,3		 						0.6 0.6		
9.1(4)	^	24.0	365,100		0.9		 	<u> </u>				·	0.5	 	
記りを	$\frac{\hat{x}}{x}$	24.0	453,500		1.7							 	1.0	 	
6080		24.0	463,500		2.5		 		f	·	1		1.7		
	X	24.0	346,900		2,4								1,6		
100	X	24.0	458,800		2,5								1.6		
4 0 10	X	24.0	327,500							<u> </u>					
M. P. Carlo	X	24.0	327,500		1.2		<u> </u>				<u></u>		1.0		
	X	24.0 24.0	295,100 388,100		2.0 2.7		 -			<u> </u>			1.4		
1430 F	x	24.0	261,100		2.3		 -	 -	-		 		1.4	 	
231		24.0	258,200		2.4		 	 	 		 	ļ	1.3		
EI BOOK	X	24.0	238,900		-1.7		 	 			 		· · · · · · · · · · · · · · · · · · ·		
67.3	Х	24.0	238,900		1,4								0.7	.	
1.42 3	X	24.0	296,800		1.2								0.6		
1,29%	X	24.0	_338,700		2.2								1.2		
(30 g	X	24.0	297,400		2.4		<u> </u>			-,	<u> </u>	<u> </u>	1.3	<u> </u>	
1500151	X Annioseus	24.0	260,800 11,853,100		1.5		L	<u> </u>	1	L	<u> </u>	L	1.0	<u> </u>	
3 2 2	e run	A Maria	382,358												

^{*} Refer to the instructions for this report to determine which plants must provide this information.



MONTHLY OPERATION REPORT FOR SUMMATION OF FINISHED-WATER PRODUCTION BY CWSs THAT HAVE MULTIPLE TREATMENT PLANTS

See page 2 for Instructions.

Daily Finis	hed-Water Pro	duction for the l	Month/Year of :		August-06						
Community	Water System	(CWS) Name:	Chuluota								
Public Wat	er System (PWS	S) Identification N	lumber:	3590186							
	PROTEST Name	Plantiz Name	Rient & Names	S a de la compa	Han & Name	Plante Name	Plant / Name:	Plant 8 Name	新助性的	THE PLANT OF THE P	
		-									
4 604	Plant 1	Plant 2]					•		
10	Well 1 & 2	Well 3 & 4				Į.	ļ			ļ	Section 1
157.7	Company of the Albert	THE PARTY OF		mited Maximum	au Dinaralina o	anantivol Bach	lant gallons be	DANGE PER SON			-1 -1 -1 -1 -1 -1
	720,000	1,080,000	College State of the College S	PAGE SALVESTINE LICE	***************************************						1,800,000
H NI BOAR		A SANSON	6 10 (despite)	SNe re danilisar	EMISIOE (SAVELLE A	reduced by Eas	t Planti dallohsi	**************************************	Farmer B. Black Co.		
400	78,100	385,200	l		1(1) 1(2-2) 12-3 12-4 12-4 12-4 12-4 12-4 12-4 12-4 12-4			1		CP TO A SHAPE OF THE STATE OF T	463,300
李夏春	76,200	362,300	· · · · · · · · · · · · · · · · · · ·					•			438,500
313 W	83,300	364,400									447,700
P\$\$ \$\$ \$\$ \$\$	87,400	473,000									560,400
133 7 6 6 7	87,000	381,000									468,000
	96,850	497,200									594,050
	96,850	497,200									594,050
	87,700	423,700									511,400
经销售	78,900	414,300									493,200
"种文化"的 "	97,400	464,500									561,900
18 2 UKS	102,400	516,400									618,800
WE DELT	104,850	570,250									675,100
187 25 1	104,850	570,250						<u> </u>		<u> </u>	675,100
	73,600	316,600				<u> </u>					390,200
	76,100	365,100									441,200
2.1(4.5)	88,700	453,500	1								542,200
建工作的	91,100	463,500						<u> </u>			554,600
46-10 A	72,300	346,900									419,200
Y 4194 V	84,600	458,800			- *** \=\ -	· · · · · · · · · · · · · · · · · · ·				·	543,400
3 2018	68,450	327,500	 	ļ <u>. </u>				 			395,950
W SV	68,450	327,500				<u> </u>		ļ <u></u>			395,950
	67,800	295,100					· · · · · · · · · · · · · · · · · · ·	ļ		<u> </u>	362,900
	82,700	388,100		ļ							470,800
	51,500	261,100	 	 							312,600
2001	74,000 59,100	258,200 238,900	 	 				 	<u> </u>		332,200
322	59,100	238,900	 	 -				 			298,000
\$288 C	77,100	296,800		-							298,000
1329.	82,200	338,700	 	 -							373,900
880	71,300	297,400					·	 			420,900
48318	63,500	260,800						 			368,700
Total	2,429,900	11,592,300	 	इंड क्रिएस प्रायम्बद			l Mari Salabaran Salabaran Salabaran Salabaran Salabaran Salabaran Salabaran Salabaran Salabaran Salabaran Salab	11 2 2 2 2 2 2 3 3 5 5 5		Table 1 to 1 to 1 to 1 to 1 to 1 to 1 to 1 t	324,300
AVU	80,432	382,358	 					2 T			14,346,500
Maxi	104,850	570,250	 	一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个			建金属工程		经过过	"""出"?	467,407
((()	104,650	370,230		H : 1247 - 4 64.2	in in in	was added the ta	4 3 m	11 12 12	1917 791 67	19. 1. 19.	675,100

MC "THLY OPERATION REPORT FOR PWSs TREATING W GROUND WATER OR PURCHASED FINISHED W

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See Pages 4 for Instructions

General Informati		tember, 2006				
	tem (PWS) Information					
PWS Name:	Chuluota				PWS Identification Number	or: 3590186
PWS Type:	Community Non-Transient Non-	Community	Transient Non-Comm		Consecutive	
Number of Service Con-	nections at End of Month: 130		1. 1.		Population Served at End of	Month: 4,574
PWS Owner:	Aqua Utilities Florida					
Contact Person:	William Trendel	-	in the same of the	Cont	act Person's Title:	Senior Operator
Contact Person's Mailing				City: Langwood	State: Florida	Zip Code: 32750
Contact Person's Teleph		``		Cont	act Person's Fax Number:	(407) 339-7490
Contact Person's E-Mail		rica.com		10.00		
	Plant Information					
Plant Name:	Chuluota Seguina	as a little	<u> </u>	1	Plant Telephone Number:	(407) 339-5424
Plant Address:	118 7th Street			City: Chuluota	State: Florida	Zip Code: 32766
Type of Water Treatmen		Purchased	Finished Water			
Permitted Maximum Da	y Operating Capacity of Plant, gallons per day:		1,800,000			3.3.1
Plant Category (per subs	section 62-699.310(4), F.A.C.):	. 1V		Plant (lass (per subsection 62-699	310(4), F.A.C.): (1.5.2C)
James Charles			Partis Signal			
Contest Cinial Coporate	William Trendel and the professional and		c ·	6411	Days 1st Shift	
Online characterists						A CONTRACTOR OF THE CONTRACTOR
0.0	Terrence McCarthy		C .	4617	Days 1st Shift	
		4.4				
						,
		<u> </u>	1.7			ि रहे हैं।
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				<u> </u>		the second of the second
<u> </u>	E TELEVISION OF THE STATE OF TH			#4: 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		in the same
Cortification by La	ead/Chief Operator					
		1 15				
, the undersigned w	ater treatment plant operator licensed in Plant	orida, am the lead/c	hief operator of the	water treatment	plant identified in part i	of this report. I certify that the
nformation provide	d in this report is true and accurate to the be	st of my knowledg	e and belief. I certif	y that all drinkir	g water treatment chem	nicals used at this plant conform to NS
nternational Standa	and 60 or other applicable standards reference	ed in subsection 67	2-555.320(3), F.A.C	. I also certify th	at the following addition	onal operations records for this plant
were prepared each	day that a licensed operator staffed or visite	d this plant during	the month indicated	above: (1) reco	rds of amounts of chem	icals used and chemical feed rates; and
if applicable, app	propriate treatment process performance rec	ords. Furthermore	. I agree to provide i	these additional	operations records to th	e PWS owner so the PWS owner can
etain them, together	r with copies of this report, an a convenient	location for at least	ten years.		•	The second of th
15			J v.e			
Collins	and I I follow	31/21/: *	'nendal			CCA11
Signature and Date	Vn x 10/6/06	William T				C6411
Riveranc 800 DRIC	•	Printed or	Typed Name			License Number

JONTHLY OPERATION REPORT FOR PW"Ss TREATING JWW GROUND WATER OR PURCHASED FINISHED WATER

Identification			3591086	<u>,</u>	Plant Name:	Chuluota, Pl	silt # 2 ,						
Daily Data	for the M	lonth/Year	of;		September, 200	6							
s of Achievir	ng Four-Log	Virus Inactiv	ation/Remov	al: 😿 Free C	Chlorine	Chlorine Die	oxide	Czone	Com	bined Chlori	ne (Chloran	nines)	
Jitraviolet R	adiation		r (Describe):		•			•	•			_	
of Disinfee	ctant Resid	luai Maintair	ned in Distri	bution System:	Free Chio	rine	Combin	ed Chlorine	(Chlorentine	cs) [Chlorine E	ioxide	
ar acka									•				
建设设 不可	130	55 THE RES		inclui intra	RACK TO COLUM	20110333112	Little Branch	SAU INTURE	HAMILION US	Approndic.		F-15-2/37 A	h Maria da da da da da da da da da da da da da
	W. Charles		de ma						16		Dose L	MINN SON	2000年的基本公司
3	9 ()					Lowester		* * .	3 + 3 - 1		(h ., 97		
	' v * ' '	Vet Ocannity	第 二十八十二十八十二十八十二十八十二十二十二十二十二十二十二十二十二十二十二十二		L'Disinfectant.	Provided.	1	1 1	3 . 4		1. 6. 6.	10 to 10 to	
7 (วิสร์จะหมูอง)	Jacob a	Mo. The	and the part of the same	Lawest Resulual	Confec Tipe	Before prat	1979	1	100		建一种杂类	Lower Residual	
a Visited by	Mark to	Net Ocaphity	1	Districe ant	That C'	First BR		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	100		Minimom	Dixinfectant.	· · · · · · · · · · · · · · · · · · ·
	(2.86°a	of Rimehadel	100	Concentration (C)	Mensurement	Custoffier During Posic	1 3 m		1	Lovest .	UV Dose	Concentration at	4 Energenoy de Adjoinnal Operation Conditions Repair of Mandenance Wo
G Oberators	Hours plant	Water	14 54	Before out first	Point During	During Poge		18 m	Minimula C1	Operating	y Required:	Remole Poppin	Conditions Repair or Monteputice W.
	10.7	r Producted	Peak Flow	Cusping Dayley readless and	PALE ON	Alon me	amport.	bHall Water,	Requires ms	PUV Dose,	2 may	. Distribition /	对的位置的流程的对于 2008年
			Rate appd to		经验证的证据	水油的	Tarret C	United the			a second		THE PARTY OF THE PROPERTY OF THE PARTY OF TH
XX	24.0	326,400		2.6	A 1		<u>- </u>		4 de 12 de 18	3 3 3		<u>r.3</u>	· Park Barrell
X	24.0	335,200		2.0		(E)			\$	1	130	1.2	
Ŷ.	24.0	265,950		3 3 A	3.4		-	ļ	19 3	2 6 17	<u> </u>		3
	24.0	265,950 264,300	77.5	1.6	7 3 2 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	¥.46		166 g		<u> </u>		1.0	
	24.0	285,000		, i Q'	2.0.0		7		A Comment		ļ. —	0.7	
$\frac{1}{X} + \frac{1}{X}$	24.0	324,200		213	1 4 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	<u>) 7 ") 16" - 1</u>	1.4	1 to 1	14 C 1 C 1	<u> </u>	 	2 151.J	a salah salah salah salah salah salah salah salah salah salah salah salah salah salah salah salah salah salah s
X	24.0	202,000	147	1.6		- 37	<u> </u>	4		7	57.	1.0	
X	24.0	290,300		4	1 A	الدونية المواجعة المادينية المادينية المادينية المادينية المادينية المادينية المادينية المادينية المادينية الم المادينية المادينية	Sec.	1000 m			3.7	10	
X	24.0	290,300		1.3		35.54 - 1		45.1	3 2 3	F. F. 7.	-	e 54/0.8	
X	24.0	319,800	10.	181				- 1		[l. —	13	
X	24.0	330,200		14 7 3				<u> </u>			?	0.7	
X	24.0	342,000		1.6		1	•	1.		7	-	-0.9	
Х	24.0	307,000		3.0				<u> </u>		1	1	1.7	
X	24,0	256,600		2,0				<u> </u>				1.4	1954章 1967年,第45年末
X	24.0	319,350		* 1							[5°		
X	24.0	319,350		0.7					2 7			.0,6	
X	24.0	460,800.		.p.7.							200 ·	0.4	
X	24.0	330,100		0.7		UT. 11	-3				1	0.4	
X	24.0	196,800		211		7						104	4.56
X	24.0	292,900		0.9	4					1	1	35.0.4	
Х.,	24.0	362,100		2.8		1934		[:			<u> </u>	7 1.3	
, X \	24.0	366,650			-		<u> </u>				<u></u>		
X	24.0	366,650		2.6	. 6	150	<u> </u>	ŧ		 	 	(1.0	
X X	24.0	535,000		1:0				 	-		1	~ :0.6	
×	24.0	285,400		13,	4 2			ļ <u>-</u>		 	{ 	0.6	
x	24.0	353,500		1.9	<u> </u>				<u> </u>	-	100	70.9	
$\frac{\lambda}{X}$	24.0	299,200		L.B	· spl	T			130	-	 	10.9	
X	24.0	400,800		1.5	2							1.0	
Î	24.0	400,800		4:31-				 -		 	 	- ···	
	24.0	9,565,500	<u>· </u>	· · · · · · · · · · · · · · · · · · ·	L			L	L:	<u> </u>	ــــــــــــــــــــــــــــــــــــــ	L	<u> </u>
To 15 To Street	Visit Visit	318,850											

^{*} Refer to the instructions for this report to determine which plants must provide this information.

MONTHLY OPERATION REPORT FOR PW'SS TREATING NAW GROUND WATER OR PURCHASED FINISHED WATER

S Identification			3590186		Plant Name:	Chuluota, P.	lant#1							
. Daily Data					September, 20	06		2						
ans of Achievi	ng Four-Lo				Chlorine F	Chlorine Di	oxide	Ozone	Comb	ined Chlori	ne (Chloran	nines)		
Ultraviolet F	Ladiation	Cth	er (Describe):	· ;	•				,	wind!!	(-41101 001			
pe of Disinfe	ctant Resid	dual Maintai	ned in Distri	bution System:	Free Chi	orine T	Combin	ed Chlorine	(Chloramine	s) [Chlorine C)ioxide		
out to the		TO STATE OF		Note that the same								West Services		SCHOOL STATE
建设 流流						Section (C.)	bone mak	AVITESOI DAG	in Asia on Vine	Colonian Hins				
	800	r Net Quantity	70 TASE!			CH/SHORE	1 6	3 3 3 3 3	1	, 7 DV	DOSE N			
10 20 30 3	Market Co	100	Commence	Lowestecosidual	1	Lowest CT	NG 300	S . L .		1 115	1	2 (4)	"连续"	TO SHOW
3.400 全线形	ile of the	1	1 S 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Later State	A Disinfectant	, Provided:					7.10	100	738 S V 33	
Day's Plan Signed of	春香·江	and the	175	Lowestacostaba	Contact Time	Before of al	10. 11.		医异形异形	31.55	6 S	Lawast Residual		rdar Lyll Mary 2
Visited by	· 原本 () 本	KNet Quantity	The second second	Dishingcone	Le Cion Car	A Elitah	1	Lange Park		1 1 2	Minimum	Disinfectant Disinfectant Concentration at Remove Point in	可能等有	4 34 1907
of Operator		of Finished		Concentration (C)	Measurement	Christian	* 注 27 字		l Lancia de Carre	Chaptering	Reducted	Concentration at	timergon	
7月至18年	in.	Water Producted	dieak idnue	Customes Cortes	Coast class	Contract Peak	i Lemosof	13 2 To 12	Deministry and	IJV Dase	mW. S.	Control of the control		Control of the second
HI WAY	Operation	Salk Y	Rate and	Lawest Costobal es Distriction (C) or ceturation (C) a Berore or at Eiral Customer Digital Customer Digital (Customer Digital) Peaket 10 Sept 18			化温温	IP Applicabil	min/Ex	≁UV Dose. mW@ed€oi	La Jahr			
X	24.0	86,400		2.2	The state of the s	The transfer market \$100.		A. C. S. F. L. S. C. S. S.	11 MI TO			1.8		
X	24.0	05,700		1.2				(A) (1)	A	- 20		1,2	(F5)	
X	24.0		<u>.</u>	· · · · · · · · · · · · · · · · · · ·		7	1 - 23	. 1				1 1		
<u> </u>	24.0		3.	0.5	4.5			in.				0.5	725.1	
X	24.0			0.7	<u> </u>				أحني حصيب			0.6	178	
X	24.0		1.50	1.4	1,2		ह स्था <u>ह</u>	; " "		30		1.2		
X	24.0		34	1.5	7 37 55		1 7 1	9.5			 	1.4	well #1 out of s	
X	24.0			1.0.)	100 m	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	100	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 E		 	0.9	1. if 1. i	
×	24.0	67,800	1	0.9:			7.3	40 (40 (40 (40 (40 (40 (40 (40 (40 (40 (1 7	100 100	0.9	 	
X	24.0		1 1 10	0.8	漢字	1/ 1/		17.7			 	0.7	<u> </u>	
X	24.0		1 7	0.7	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1.			 	* * * * * * * * * * * * * * * * * * * *	 	0.7		
X	24.0			1.6	A. K		Lister :	all the second				1,4		- <u>1</u>
×	24.0			1.9	47.5	1		· .		1	, j	1,5		7
X	24.0			. 1.2			1.0	3.		,,		4.15		7. 7. 7.
X	24.0			£	 	1	3	1	\		ļ		 	
X	24.0 24:0	88,350 103,900		1.0		-	(33)	17.	il.		 	0.6	well #1 pu	imp/casing , shaff replac
Î x	24.0	69 300		1.0		 	1 - 1 d T	Y 37 1		-	 	0.5	 	<u> </u>
X	24.0	66,800		1.0	*	+		h	 	 	 	1.1	to the same	10 (4)
X	24.0	81,500		1.35	1. 1.45	 	W. 17	3.	1 1 1		7 2 4	1,1	33 3	
Х	24.0			1.1		1	1 1 7 7				-	1.0	 	
X	, 24.0	83,500			1 32	1 1 1			-	3	1	12.35		
. X•	24,0	83,500		5.7· 1:53·			1.	1.0	_ ^	10		1.4	1 hr	
X	24.0	93,600	7.	1.6	kali ja 🗀 🧸	·	W . "			7		1,3		
} X .	24.0			0.9.		erie erie		Ι,			. 54	0.7.		工造器 武士
X	24.0	69,000		1.3				J		. <u> </u>		1.0	well #1 clearant	ce bacts/2 taken
. X	24.0		1.5	1.47			1.74		37.	1		1.1	State .	
X	24.0	69,200	<u> </u>	1.2	1711		1.7	1	- 1		ļ	1,1	well #1 pleced	back is service
. X	24.0	92,000		0.8							 	0.6		
X	24.0	. 2 204 100	ļ <u>.</u>		l	<u> </u>	L	L		:	L	<u> </u>	<u></u>	
		2,296,100												
<u> </u>		76,537												

^{*} Refer to the instructions for this report to determine which plants must provide this information.



MONTHLY OPERATION REPORT FOR SUMMATION OF FINISHED-WATER PRODUCTION BY CWSs THAT HAVE MULTIPLE TREATMENT PLANTS

See page 2 for instructions.

ly Fin	shed-Water Pro	duction for the	Month/Year of	:	September-06						
nmuni	ty Water System	(CWS) Name:	Chuluota								
AIC VV	rter System (PWS) idenuncation i	vumber:	3590186	as water afficient to the	ร ที่พัฒธ์และ สารัติสักราชบาท	The Section of the Se	an les des suis est como	ELPHON ASSESSMENT	THE NEED NOT SERVICE SERVICE TO BE	an Kierra delega un artisti
	STRUCTURE TO THE PARTY OF THE P	THE PROPERTY OF	Figure the (o) (建等的阿尔克 斯斯特	THE SUPPLIED OF	SH BING DARK	CITY BUSINESS		Profitation	
						J	1			}	
	Plant 1	Plant 2	ļ	}		1	1	1		ł	
	Weil 1 & 2	Well 3 & 4									
	Le de estado en la			iring indulations		an savet den	santing lighted				H-470
agaige Comm	720,000	1,080,000								Section 1	1,800,000 412,800
	10/08/2019 (0.00)		MATERIAL SE	美加加斯斯	作证 医克里克氏	POTROPHO MEDI					Maria de la propieta de la composition de la composition de la composition de la composition de la composition
- 11 - 31 - 42	86,400	326,400							<u> </u>		412,800
्र ₋₌₌	68,400	335,200	<u> </u>	<u> </u>				·		<u> </u>	403,600
	71,600 71,600	265,950	ļ				 			ļ	337,550
و جدوستي	69,300	265,950 264,300		-	ļ		 		ļ <u>.</u>		337,550
	68,700	285,000		 		· · · · · · · · · · · · · · · · · · ·			 		333,600 - 353,700
	77,900	324,200		 	·}	 	}		- 	 	402,100
e.	66,100	202,000	 		 	 	 	 	 		268,100
() ()	67,800	290,300	 	 	·}	 		 -		 	358,100
, y=0	67,800	290,300			 	ļ	 			 	358,100
13 - 190	87,500	319,800			 			-	 	 	407,300
	57,100	330,200	 -	 					 -	 	387,300
	84,300	342,000		 	 				 	 	428,300
	80,400	307,000		 	 	 	<u> </u>		 	 	387,400
	55,300	256,600		 	 		 		 	 	311,900
<u>,</u>	88,350	319,350		 		†	 		- 		407,700
/ TY	88,350	319,350				 			 . 		407,700
9	103,900	460,800		 	·				 		564,700
	69,300	330,100		<u> </u>	 				 		399,400
	66,800	196,800		<u> </u>		·			··		263,600
9	81,500	292,900		 		 			 	<u> </u>	374,400
	66,800	362,100			<u> </u>	<u> </u>	 				428,900
	83,500	366,650			1				 	1	450,150
	83,500	366,650			1			1		 	450,150
	93,600	535,000					1	1		1	628,600
4	80,100	285,400							1		365,500
	69,000	271,700									340,700
	80,000	353,500									433,500
	69,200	299,200									368,400
7	92,000	400,800									492,800
	0	0				L					0
	2,296,100	9,565,500					TAPE T			The first trace of the arming	11,861,600
	73,470	318,850						water			395,387
7.1	103,900	535,000			File In	in the second second			CENTRAL PAGE 1		628,600

"THLY OPERATION REPORT FOR PWSs TREATING W GROUND WATER OR PURCHASED FINISHED W



C6411

License Number



See Pages 4 for Instructions. 1. General Information for the Month/Year of: October, 2006 A. Public Water System (PWS) Information PWS Name: Chuluota PWS Identification Number: 3590186 PWS Type: ✓ Community Non-Transient Non-Community Translent Non-Community Consecutive Number of Service Connections at End of Month: 1307 Total Population Served at End of Month: 4,574 PWS Owner: Aqua Utilities Florida Contact Person: William Trendel Contact Person's Title: Senior Operator Contact Person's Mailing Address: 140 Hope Street City: Longwood State: Florida Zip Code: 32750 Contact Person's Telephone Number: (407) 339-5424 Contact Person's Fax Number: (407) 339-7490 Contact Person's E-Mail Address: betrendel@aquaamerica.com B. Water Treatment Plant Information Plant Name: Chuluota Plant Telephone Number: (407) 339-5424 Plant Address: 118 7th Street City: Chuluota State: Florida Zip Code: 32766 Type of Water Treatment by Plant: ✓ Raw Ground Water Purchased Finished Water Permitted Maximum Day Operating Capacity of Plant, gallons per day; 1,800,000 Plant Category (per subsection 62-699.310(4), F.A.C.): ΙV Plant Class (per subsection 62-699.310(4), F.A.C.): i decon directional isome experience and a second contract of the contract of ANTES DE CONTROL DE CO William Trendel Days 1st Shift Cittle in the season of the Terrence McCarthy 4617 Days 1st Shift II. Certification by Lead/Chief Operator 1, the undersigned water treatment plant operator licensed in Florida, am the lead/chief operator of the water treatment plant identified in part I of this report. I certify that the information provided in this report is true and accurate to the best of my knowledge and belief. I certify that all drinking water treatment chemicals used at this plant conform to NSF International Standard 60 or other applicable standards referenced in subsection 62-555.320(3), F.A.C. I also certify that the following additional operations records for this plant were prepared each day that a licensed operator staffed or visited this plant during the month indicated above: (1) records of amounts of chemicals used and chemical feed rates; and (2) if applicable, appropriate treatment process performance records. Furthermore, I agree to provide these additional operations records to the PWS owner so the PWS owner can retain them, together with copies of this report, at a convenient location for at least ten years,

Page 1

William Trendel

Printed or Typed Name

Signature and Date

MONTHLY OPERATION REPORT FOR PW"Ss TREATING KAW GROUND WATER OR PURCHASED FINISHED WATER

Daily Dat	a for the A	louth/Year	of:		Plant Name:	Chuluota, F	iani F L	<u> </u>					-
ns of Achiev	ing Four-Lo	a Vinue Innati	vation/Remov		October, 2006							· · · · · · · · · · · · · · · · · · ·	
Ultraviolet	Radiation	THE COLUMN	vation/kemov er (Describe):	al: Free (Chlorine p	Chlorine D	ioxide	C Ozone	Com	bined Chlori	ine (Chlore	nsinee)	
		Oth	er (Describe):	; ————————————————————————————————————									
OT DISHIII	cumi Kesi	dual Maintai	ined in Distri	ibution System:	Free Chk	orine T	Combi	ned Chlorine	(Chloramin	cs) [Chlorina	Dia-dd-	
				e i maine a con	kiloma a A	in the contra	HKIM I A	S. Washing	30 E 1 E 1 E	OFFICE OF STREET	CHIOTHE	DRIXIGE	
		12.33	CET TOP		Sea Walker	tion make it said	13.5/1.2	* CANADATA	cuyamon. 11	Applicable			
1000			\$ 50 P	ir ir kids aces	1	A SA STATE	T .	1 30 mag 2	2 V V V V V V V V	1. 94	Dose 1		
The second	1.					Lowest CT.	A		f		3.8°	A 4	Land March 1997
DaysiPlac	i	Significan	34 W. 24	1000	e Pisiplectant	Providce.	4.			3.0	្សា 🔾	提 2	
intarred of		Net Quantity		Nest Kesignary	Lordan Lime	lictore of at	拉卢 奇。	, j () , S	g		13 h. 10 19	Lowest Residua	
Visited (c)	A British	of Finished		Concentration (C)	Kilpisi remond	4,121	1:1	i i i i i i i i i i i i i i i i i i i	1. 6. 3. 1.		Minimum	Disinfectation !	
21. Operator	Hours plant	Water		Before or at First	Point Davies	Customer Paring Peak	1 3 4	v.	Valuadia and com	Lowest	UV Dose	Concentration at	Entergency of Appornial Operation
121670	in.	Producted	Peak Flow	Customer During	Post Flower	How mea	Lemp of	nicor Wilde	Hearing C	IIV Doen	requireg	Remote Point in	Conditions Repair of Maintenance W
A A A A A A A A A A A A A A A A A A A	- Few Peratton	Transpealach	Rafe gpd.	Park Plotter mark	namures are		V Ster	Azolica bie	i min/	The state of		Partition.	FIRST CONTRACTOR OF THE PROPERTY OF THE PROPER
-	24.0	83,550	ļ						Hara de Angles	outractions.	Particular S	TO A SECTION OF THE SEC	Eilbergenby of Abnormal Chertin Conditions Kepan of Maintenene W Castily of Jollan Maintenene W
- 2	24.0	83,550 78,000	 	1.0						 		1.0	
X	24.0	93,000		2.8			,					2.4	<u></u>
X	24.0	80,000	 	1.3				<u> </u>				1.2	
X	24.0	79,000		1.0			ļ					1.0	
·X	24.0	80,000		1.0								1.0	
X	24.0	80,000		1.8			ļ						
X	24.0	100,000		1.9	······································	· · · · · · · · · · · · · · · · · · ·			<u> </u>			1.5	
X X	24.0	74,500		0.7								1.4	
- ^	24.0 24.0	76,900		0.4								0.6	
$\frac{\hat{x}}{x}$	24.0	87,600 73,300		0.8					· · · · · · · · · · · · · · · · · · ·			0.4	
X	24.0	87,100		0.9								.0.8	
Х	24.0	87,850		1.4								1.2	· · · · · · · · · · · · · · · · · · ·
Х	24.0	87,850		: 1.2									
X	24.0	85,500		1,3		·						1,1	
X	24.0	. 86,500		2.8								1.2	
X	24.0	99,600		1,3					<u></u>			2.0	
X	24,0	78,800		0.1								1,2	
X	24,0	88,700	, ,						·			0.9	, ,
, ^ ×	24.0 24.0	88,700		1.0								0.7	100
x	24.0	97,500 94,900		0.9					· ·			0.7	
X	24:0	86,900		1.4								1.2	
. X	24,0	99,900		1.2		<u> </u>						1.0	
х	24,0	95,300		1.3	·		<u> </u>					1.1	
Х	24.0	76,600	·	1:5		· · · ·						1.1	
X	24.0	92,800			 -							1.2	
X	24.0	92,800		1.2									
Х	24.0	85,400		1.3								1.0	
	E-01/-2	2,682,100				 ,,,,,,,						1.2	
Property California		100,000											

^{*} Refer to the instructions for this report to determine which plants must provide this information.

MONTHLY OPERATION REPORT FOR PW"Ss TREATING . AW GROUND WATER OR PURCHASED FINISHED WATER

PWS Id	entification			3591086	REPURI FOR		Chuluota, Pla							
THE ID	aily Data	for the Mov	uli/Year o	f :		October, 2006								
		g Four-Log V				dorine	Chlorine Die	xide !	Ozone	Comb	ined Chlorin	e (Chloram	ines)	
	raviolet Ra			(Describe):	,, ,,	,								
., O ((e Disinford	tant Daridan		ad in District	oution System:	Free Chlos	ine	Combine	d Chlorine	(Chloramine	s) Γ	Chlorine D	ioxide	The state of the s
1 Abe o		INIT VC21008	a iviamuani	CO III DISTITI	action system.		NAME OF THE PARTY	SHEWS	White had	ivation, If	pplicable	11/4	A	
Twickle	120			15 2 16 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	T Culturations of			1 24		19 Apr 21	ŢVŰ	ose		
	计是记录		With the	188		2 0 0			11- 11- (1				B. C	· 中心,一个一个
(0)	1 Th			14		A	Lowest CT							"我们是是我们的一种,我们
A. C.	STATE OF		V#	1 1 1 1 1 1 1		Disintentant	Provided~	10.00	1.5				Lowest Residual	
4 2	DaysePlant		43 ~ ~	* * ***	Lawest Residual	Pewirst (nuis	Bret.	an r				Minimum	Disinfectant	on to the state of
3 x47	Started or	·	set Quantity	800	Concentration (C)	Measurement	Gustomer	4.5	11 100		L EDWast "	UV Dose	Concentration at	Emergency of Apportunit regarding
Day of	A CUPATION	Hours plant	Water in	Am Jakoba	Before or at First	Pont During	During-Peak			Minimum CT	Operaung	redalted.	Remote Houten	Conditions account of the conditions of the cond
will C	Place	e an anager in	Producted:	Peak Flow	Custometa uring	er Peak Flow	Flow con	Temp of	pel of Water,	Recoursed, me	4.00.00		Chairmann and	** Emergendy of Abnormal Charleng of Conditions Received Manufacture (1997)
Month	N. Carr	Operation	galica	Rate gpil.	Petteriovelines	Sales Trailing To	Smile 2	Material	II-A ppi cable	A COLUMN POR	TILM-SECULIUS	o projection of the	Part I Market	
								<u> </u>		 			1.1	
	Х	24.0	394,850		1.7	1	ļ .	 		 			0.7	
	X	24.0	342,600	<u> </u>	1.3			 	 				1.3	
	X	24.0 24.0	363,800 382,100		1.9								1.2	
	X	24.0	357,400	}	1.8								1.2	
=	×	24.0	315,450		7 1 1 1 1								1.1	— ··- · · · · · · · · · · · · · · · · ·
	X	24.0	3!5,450		1.8						<u> </u>	}	0.6	
	X	24.0	437,100	Se	0.7.			ļ	 	 		 	1.1	
	X	24.0	296,600		1.3		-	 	 	 	 	-	1.1	
3 .	X	24.0	329,500		1.9			┼──	 	 	,		1.0	· · · · · · · · · · · · · · · · · · ·
	X	24.0	373,500	<u> </u>	2.3 1.6	}	 	 	 				0.8	
٠. الله	X	24.0	347,000 390,000		1,1	-		 				<u> </u>		<u> </u>
هيوان. موري	X	24.0	406,500		<u> </u>	· · · · · · · ·							1.2	1
	x	24.0	406,500		1.9					 		 -	1.0	
	X.	24.0	352,300		1.6						 	 -	11.3	
11	X	24.0	386,500		1.6	 _	+			+	+	-	1.3	
In.	Х	24.0	397,200		2.4		 	 	 		 			
17 1111	X	24.0	337,600		2.0	 	+	+	 					
	X	24.0	404,550		1.5		1	1				1	0.6	<u> </u>
	X	24.0	449,500		2.8	† · · · · · · · · · · · · · · · · · · ·	T						1.0	
J	X	24.0	399,500		1.3			,		<u> </u>	+	 	1.3	
	$\frac{\hat{x}}{x}$	24.0	360,000		-2.6	,			 	 		+	1.3	
	X	24.0	381,500		2.4	1	 	- 				 	1,3.	
7. 17	X	24.0	362,100		2.1		+	4			+	+	1.0	
	Х	24.0	317,200		1.2		 					1		
3.9	X	24.0	371,950		+	 		+	-{	+	 		1.3	
2.35	X	24.0	371,950		1.9	+			1				1.1	
y l	Х	24.0			1.0				<u></u>					
1 4			11,488,100	4										

^{*} Refer to the instructions for this report to determine which plants must provide this information.



MONTHLY OPERATION REPORT FOR SUMMATION OF FINISHED-WATER PRODUCTION BY CWSs THAT HAVE MULTIPLE TREATMENT PLANTS

See page 2 for instructions.

Daily Finis	shed-Water Proc	luction for the	Month/Year of :	·	October-06		· · · · · · · · · · · · · · · · · · ·				
	Water System		Chuluota								
Public Wat	ter System (PWS) Identification N	lumber:	3590186							ζ.
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dier of	720,000	1,080,000	And the second second	STATE OF THE STATE		THE PROPERTY OF STREET	121122		State for the property of the C		1,800,000
		AND THE STREET	NETSTANDAY OF	"图1991地位			roenwall to	MANAGER THE PROPERTY OF THE PARTY TENED FOR HIS PERSON	4.3000000000000000000000000000000000000		
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ال ه المداد المائد ال	83,550	394,850		 		 					478,400
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7	93,000	363,800		 	 	<u> </u>		1	· · · · · · · · · · · · · · · · · · ·		456,800
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2.5	80,000	315,450		 	\ 	 				1	395,450
	80,000	315,450		<u> </u>							395,450
	100,000	437,100								1	537,100
jki 🦸	74,500	296,600									371,100
	76,900	329,500									406,400
	87,600	373,500									461,100
	73,300	347,000									420,300
	87,100	390,000									477,100
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j ^e	87,850	406,500					<u> </u>		<u></u>	<u> </u>	494,350
	85,500	352,300									437,800
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	99,600	397,200				<u> </u>					496,800
	78,800	337,600	<u> </u>				<u> </u>	<u> </u>			416,400
	88,700	404,550					<u> </u>		ļ		493,250
	88,700	404,550					 _			<u> </u>	493,250
	97,500	449,500	ļ	<u> </u>	 -	ļ 	 	 			547,000
1 (12) 1 (1)	94,900	399,500		 	 	 	 	 	ļ	 	494,400
4.2 (4)	86,900	360,000	<u> </u>	<u> </u>	 		 	}		ļ	446,900
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	92,800	371,950	ļ		 	ļ	<u> </u>	ļ			464,750
- ic _ 1	92,800	371,950	 	}	 	 	 	 	ļ	<u> </u>	464,750
34)	85,400	338,500	ļ 	Company (C. C) the trade party	COUNTY IN THE RES				STEET PARK THE STATE OF) Salatana	423,900
of II	2,682,100	11,488,100	ļ								14,170,200
\mathcal{C}	86,519	371,653	ļ								457,103
	100,000	449,500	<u> </u>	history and had	Character In dans	فالمنطألية شراراته	THE REAL PROPERTY.			是是中央政策主流的	547,000

MO' 'IL	Y OPERATIO	N REPORT FOR PWSs T	REATING F 'GRO	UND WATER	OR PURCHASED F	INISHED WA ?
FLORIDA						
See Pages 4 for Ins				· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	
l. General Informati	on for the Month	Year of: November, 20	X6			
A. Public Water Syst	em (PWS) Inform	ation				
I'WS Name:	Chuluota				PWS Identification Number:	35/0186
I'WS Type:	✓ Community	Non-Transient Non-Community	Transient Non-Comi	าเมนุโร	Consecutive	
Number of Service Conf	ections at End of Mont	th: 1307		Testal I	equilation Served at Fad of Month	1 4,574
I'WS Owner:	Aqua Utilities Flori					
Contact Person:	William Trendel			L'entitu	TPerson's Title: Susion	r Operator
Contact Person's Mailin		140 Hope Street		City: Longwood	State Plotidu	Zip Code: 32750
Contact Person's Teleph		(407) 339-5424		Contac	1 Person's Fax Number. (407)	339-7498
Contact Person's E-Mail		betrendel@aquaamerica.com				
B. Water Treatment		l				
Plant Name:	Chuluota				Plant Telephone Number:	(407) 339-5424
Ulunt Address:	118 7th Street	· · · · · · · · · · · · · · · · · · ·		City, Chabanta	State: Ploridy	Zip Code: 32766
Type of Water Treatmen			Parchased Balshed Water			
Permitted Maximum Da			1,800,600			
Plant Category (per subs					ass (per subsection 62-699-110(4)	
cac Cit noberato	S. Res		License Class	License Number	Day(s)/	Shill(s): Worked:
One of the latest of the lates	ntuj william (rendel	· · · · · · · · · · · · · · · · · · ·		6411	Doys 1st Shift	
	Terrence McCarthy				L	
1988	See Terrence Miccarding			4617	Days 1st Shift	
				·		
						
		}				
					<u></u>	
		· · · · · · · · · · · · · · · · · · ·		·		
The Sales						
					·	
H. Certification by L						
I, the undersigned v	vator treatment plan	nt operator licensed in Plorida, am	the lead/chief operator of the	water treatment p	unt identified in part I of the	is report. I certify that the
information provide	ed in this report is t	rue and accurate to the best of my	knowledge and belief. I certi	fy that all drinking	water treatment chemicals	used at this plant conform to NSF
International Stands	ard 60 or other app	licable standards referenced in sul-	section 62-555,320(3), F.A.C	 Lalso certify the 	t the following additional o	peratious records for this plant
were prepared each	day that a licensed	operator staffed or visited this pla	int during the month indicated	l above; (1) recon	is of amounts of chemicals (used and chemical feed rates and
(2) if applicable, ap	propriate treatmen	t process performance records. Fu	rthermore, Lagree to provide	these additional of	perations records to the PW:	S given so the PWS owner and
retain them, togethe	r with copies of thi	is peport, at a convenient location	for at least ten years.			TO WHO I WE I WO GWING! CHI
/ ,	17	()	was seen rear granting			
1 Juli His	and to a	1 /12/5/01	William Tours.			
Simon Di	MOSILIE	- Jajojev	William Trendel			C6411
Signature and Date		•	Printed or Typed Name			Lieense Number

Page 1

DEP Form 62-555. 900(3)Alternate

...ONTHLY OPERATION REPORT FOR PW"Ss TREATING KAW GROUND WATER OR PURCHASED FINISHED WATER

PWS I	entification	.Number		1590186		Plant Numa:	Chuluota, 14	BN #-1						
III. D	aily Data	for the Mo	nth/Year of	ſ:		November, 200	6							
Menns	of Achievin	g Four-Log \	Virus Inactiva	tion/Remova	al: Free C	hlorine [Chlorine Di	nside	[Ozone	1 Comb	ined Chloric	ie (Chloran	nines)	•
	traviolet Re			(Describe):		•				,				
Type	of Disinfec	tant Residu			bution System:	₩ Free Chlo	rine [('ombin	ed Chlorine	(Chlermaine	s) I	Chlorine i	lioxide	,
1		- 1 30 - 17 3 P	N 10 10 10 10 10 10 10 10 10 10 10 10 10		TO THE NAME OF THE			invital on	Virus Inde	dvállán. lí /	undicable*		1355	
			新沙克二角		i yriidheid Vas	Just Just date	Malan I	Arth COR	V 11 CM 11 (CIV	,	UV I	Dose	1	
g		7 8				* X IC LEGIC	unununs.							
			1842)			Disinfectant	Lowest CT		l :	3	[4	
100						Disinfectant	Provided	J	۱ ۱] ·	- :	Lowest Residual	
				1	A STATE OF THE STA	Contact Time	Defore or at:				ļ.· · ·	Minimum	Disinfection	
1333	1 50 50		ស៊ីដែលបាននេះ	3	Commission (C)	Measurement	Cuttomer	1 1			Lowest	UV Dose	Concentration at	Enjoyethey or Alinormal Operating
Day of		Sind of the S	100	1	Bhill a or al Pirst	Point During	During Penk		** Y	Minimum CT	Unithmonic	Required,	Remote Point in	Conditions Room of Maintenasca Work that
alito	400		and a second	materiles !	acting more During	~ Peak Flow.	Flow, my	Temp of	pl I of Which	Minimum CT Rechifeed, my Promote	UV Dose.	m.W-	Distribution	Involved Takling Woldt System Components
Month		10000000000000000000000000000000000000	以及	erii wele	Idual (Idual) (Idua	minutes	. nin/L:	Water, C	If Appliculite	PASSINDVISE:	mW-sec/em	sco/cm²	System, ing/l	Emerginey or Abnormal Operating Candillong Robot? of Montenasca Work that Involver Taking Water System Components Out of Operation
25.4	1 2	47.01	100,400		4.7			ļ	 -	 			2.5	
		24.0 24.0	77,100 86,000		2.0		 	 	 				1.2	
4.0	- ^-	24.0	89,550		1.3		 		····		·			And the second s
7.3		24.0	89,550		1.1			-					0.9	
. 6	X	24.0	127,800		0,8			L					0.6	
7.	X	24.0	74,600		0.9					**************************************			O, H	4.4
32	X	24.0	82,900		0,8								0.7	
70	X	24,0	95,600		0.8				<u> </u>		ļ. 	<u> </u>	1.0	
33(0) 3 33(1) 3	X	24.0	96,000 98,400		1.3		 	 	 			 	<u> </u>	
112	- x	24.0	113,450		<u> </u>		<u> </u>	} -	·					
310	X	24.0	113,450		1.3			 					1.1	
14	X	24.0	97,000		1,4								1.2	
15	X	24.0	98,100		1.5								1.1	
2.16	X	24.0	95,900		1.6	ļ	 	<u> </u>	ļ	ļ	ļ		1,4	
7	X	24.0	84,300 98,350		1,3	 	 	 	·	·	·		<u> </u>	
32 B 35 G 3	X	24.0	98,350		1.3		 		 	·	·		11	
20	X	24.0	118,900		1.0	ļ	 	1			·		0.9	
12 f a	X	24.0	96,600	251	0.9								Ú.R	
4834	X	24.0	92,600	(7.3	1,6								1.1	
. 234	X	24.0	96,900	64 10	1,7			<u> </u>			-	 	1.5	
.32A1	×	24.0	85,800		1,6		 		_				1.4	
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€26 €27	X X	24.0	91,450	1 ¹²	1.3	 	 	-	- 	·		·J	. 1.1	
187	×	24.0	82,400	18 0 1	1.6	 		 		•		· ·	11	
-20	7. X	24.0	82,800		1.3			1	1	1		1	11	
308		24.0	72,800	and to be	1.2	<u> </u>							0.1	
1313	. X	24.0									1			
rointr	The second section 1	3	2,827,400											
AVICT	Ţij.	3	94,247											

^{*} Refer to the instructions for this report to determine which plants must provide this information

...ONTHLY OPERATION REPORT FOR PW"Ss TREATING IN. . W GROUND WATER OR PURCHASED FINISHED WATER

Daily Data for the North/Year of: Means of Achieving Four-Log Virus Inactivation/Removal:	
1" Ultraviolat Padiation To Other 175 and to	
1" 1 Uterviolet Padiation F Other (Towns)	
Type of Disinfectant Residual Maintained in Distribution System: Free Chlorine Combined Chlorine (Chlorine) Chlorine Dioxide	
Contact Cont	
CT Calculations UV Dose Lawer CT Coinact Time Before or at	
Distributions Lawer CT Provided Coinact Time Before or. if	
Distribution Provided Deformation Better artificial Deformation De	
Dismicotinity Provided - Connect Time Below or it	
Delong or of the second of the	
State Control of the	ili salah ili
Day of the property of Ability of the Property of the Propert	at Operating,
the a state of the	cm Commonents
Montal Country of Section 1997 Country of Co	loif
(部) X 24.0 371,300 3.5 21	
X 24.0 209,400 2.3	
X 24.0 264,200 1.8 10 1	
X 24.0 312,500 1.8 X 24.0 515,100 2.5	
7 1 X 24.0 281,800 0.8	
7 X 24.0 246,800 1.2	
X 24.0 313,200 2.5	
類[D 3 X 24.0 333,800 1.6 1.6	
X 24.0 355,600 2.2	
2012 X 24.0 383,800	
FO 1	
X 24.0 370,200 2.4 1.2	~~~~
[4] X	
8 M X 240 355,650	
ジリル X 24.0 355,650 	
(30 X 24.0 421,400 1.6 0.8 0.8 0.8 1.6 0.9 1.0 0.9 1.0 0.9 1.0 0.9 1.0 0.9 1	
注23 編 : X	
24 N X 24.0 330,000 1.7 (10)	
25 X 24.0 361,000 35 2.5	
X 24.0 383,200 3	
35478 X 24.0 383,200 1.8	
28	
49 # 8X 24.0 281,200 488 1.3 08	
10 X 24.0 251,700 1.3	
10,016 X 24.0 G 10,255,200	
Total 10,255,200 Avgert 6 341,840	

^{*} Refer to the instructions for this report to determine which plants must provide this information



MONTHLY OPERATION REPORT FOR SUMMATION OF FINISHED-WATER PRODUCTION BY CWSs THAT HAVE MULTIPLE TREATMENT PLANTS

See page 2 for instructions.

mmunit	slied-Water Proc y Water System	(CWS) Name:	Chuluota		November-06						
lic Wa	ter System (PWS) Identification N	lumber.	3590186					 		
bi Mari	de ante New State	PERSONAL PROPERTY.	Mana Nama	Rian(4)Name:	Plant & Name	Plant 6 Name	Plant 7 Name:	Plant & Name:	Plant 9 Name	Plant 10 Name:	
F Con		The last the same of the same	2,023,123,023,103,103	Cadamite Schall Sent (1957)	T IBITE O TOUTHOU	T SUITE O THE SUITE	1 10011 - 14011-01	7 10416 0 140710	1000	1,147,7 (4,7)	2000
<i>)-</i> '			1						i	1	
	Plant 1	Plant 2	<u> </u>			Į.		ļ	Ē.	<u> </u>	
	Well 1 & 2	Well 3 & 4]					<u> </u>	<u> </u>	
ئان القاط		e dela	Per Per	mitted Maximum	Day Operating C	epacity of Each i	lant, gallona por	day		$\mathcal{F}_{\mathcal{R}_{2},\mathfrak{g}_{2}}$	Total
er i	720,000	000,080,7	1	}		ŀ	ŀ	1	l		1,800,000
litte: j	and the same			Net Quantity of	Finished Water I	Produced by Lab	n Flant; gallons		24.0		
	105,400	371,300	<u> </u>			<u> </u>					476,700
	77,100	209,400					·	l			286,500
,	86,000	264,200						<u> </u>		<u> </u>	350,200
1 1,1	89,550	312,500						ļ			402,050
2/40	89,550	312,500					····			1	402,050
	127,800	515,100								<u> </u>	642,900
7 5	74,600	281,800							<u> </u>		356,400
	82,900	246,800			ļ			<u> </u>			329,700
# # 1	95,600	313,200		<u></u>			 				408,800
	96,000	333,800	<u></u>	<u></u>		<u> </u>					429,800
經	98,400	355,600	<u> </u>	<u></u>							454,000
	113,450	383,800									497,250
	113,450	383,800									497,250
	97,000	343,500									440,500
1	98,100	370,200									468,300
33.1	95,900	335,100									431,000
	84,300	286,200									370,500
	98,350	355,650				1	}				454,000
5)	98,350	355,650				1		[454,000
	118,900	421,400									540,300
a con	96,600	343,200			***************************************				1	1	439,800
	92,600	402,700		[1			1		495,300
-1	96,900	433,700				1			I		530,600
.,	85,800	330,000		1				[···	<u> </u>	415,800
e,	93,900	361,000		<u> </u>	<u></u>	 			t	1	454,900
.,	91,450	383,200	1	 							474,650
,	91,450	383,200		 		· · · · · · · · · · · · · · · · · · ·	<u> </u>	1			474,650
	82,400	333,800		 	- 					 	416,200
	82,800	281,200		 		 			 	 	364,000
	72,800	251,700		 		 			ļ <u></u>	 	
	72,000	231,700		 		·		·	 		324,500
	2,827,400	10,255,200	<u> </u>				L	1	J	.l	0
	2,827,400 94,247	341,840		{	-	4-					13,082,800
		515,100		1	*		•				436,087
	127,800	915,100	<u>ــــــــــــــــــــــــــــــــــــ</u>	<u> </u>				· 			642,900



See Pages 4 for Instructions.		
. General Information for the Month/Year of: December,	2008	
A. Public Water System (PWS) Information	•	
PWS Name: Chuluota	PWS Identification Number:	3590186
PWS Type: Community Non-Translent Non-Commu	nity Transient Non-Community Consecutive	
Number of Service Connections at End of Month: 307		43741
PWS Owner: Aqua Utilities Florida		
Contact Person: William Trendel:	Contact Person's Title: Senior Ope	"等,有数据,"
Contact Person's Mailing Address: 140 Hope Street	City: Longwood: State: Florida	Zip Code: 32050
		49014
Contact Person's E-Mail Address: betrendel@aduadinerica.co	omital to a manager at the contract to the co	有新闻的 15 K型
B. Water Treatment Plant Information		, ,
Plant Name: Chuluoth	Plant Telephone Number:	(407) 339-54346
Plant Address: 118.7th Street,		Zip Code: 32700
Type of Water Treatment by Plant:	Purchased Finished Water	
Permitted Maximum Day Operating Capacity of Plant, gallons per day:	(\$00;000)	
Plant Category (per subsection 62-699.310(4), F.A.C.):		
The state of the s	the state of the s	From the course of the traditional following the contract of t
William Trendel		外域的发生。1950年以前2015年
the order of the second of the		
Tertence McCarthy		
		·通信人 (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)
	· 医乳腺 · 是一般 · 是一个 · 是 · 是 · 是 · 是 · 是 · 是 · 是 · 是 · 是 ·	
		建一种工作,但是这种工作,
The state of the s		基础。这种路路
THE REPORT OF THE PARTY OF THE		
		建设的"自由基础"
II. Certification by Lead/Chief Operator		
	am the lead/chief operator of the water treatment plant identified in part I of this re	ort - Learling that the
information provided in this report is trile and accounted to the best of	my knowledge and belief. I certify that all drinking water treatment chemicals used	of this plant with
Internal Condess of the State and Salts and Salts and Salts	subsection 62-555:320(3), F.A.C. I also certify that the following additional operations	as this brank children to 1421
international Standard Co. of Other approache Standards referenced in	subsection oz 95520(8), 1-4. C. Falso certify that the following additional operations of the falso certify that the following additional operations of the falso certify that the following additional operations of the falso certify that the following additional operations of the falso certify that the following additional operations of the falso certify that the falso certify that the falso certify that the falso certify that the falso certify that the falso certify the falso certify that the falso certify that the falso certify that the falso certify that the falso certify that the falso certify that the falso certify that the falso certification is a falso certification of the falso ce	tons records for this plant
were prepared each day that a recensed operator started or visited this	plant during the month indicated above: (1) records of amounts of chemicals used	and chemical feed rates; and
	Furthermore, I agree to provide these additional operations records to the PWS ow	ner so the PWS owner can
retain them, together with copies of this report, at a convenient location	on for at least ten years	The Market Commence of the
Q: /d / 1/0/0-		
Dell de / 118107_	William Trendel	C6411: 224) 224
Signature and Date	Printed or Typed Name	License Number

MONTHLY OPERATION REPORT FOR PW"Ss TREATING W GROUND WATER OR PURCHASED FINISHED WATER.

WS Identificati	on Number:		3590186		Plan	Name:	Chuluota, P	lent# I							
I. Daily Da	a for the N	lonth/Year (ofi		Dec	ember, 200	6	1.	W 1 1	100		į.		I. Comment	
ans of Achiev	ring Four-Log	Virus Inactiv	ation/Remov	al: 🄯	Free Chlor	ine (Chlorine D	ioxide	Czone	Comb	ined Chlori	ne (Chloren	nines)		
Ultraviolet	Rediation	□ Othe	r (Describe):			,			,	,		(52110. 4	,		
pe of Disinf	ectant Resig	iual Maintair	ned in Distri	bution Syste	m: 12	Free Chl	orine l	Combin	ed Chlorine	(Chloramine	s) [Chlorine I	ioxide		
A Part of	T COMPA	120138023		MEDIE NEW						·				Ala Marilla	STATE OF STA
6年8月11年	\$ 60 PM	70 F	\$ 14 G. B	EAL IS THE	W. J. W.	24 4 70	a threat t	可以 如本"安东	** ***********************************	A 4.70 50 3 4	FIN TUNK			Q	
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THE WAY	经 数件			建工业等	1 20	elitiocialit	Brovilled					[注]	Lower Residual Disinteciant	FIX WHILE	
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Silved:	图 空間	Mel Quantity		Districcti	01	(Wat C	First A	1	推 器:0 组	(16 3	Minimumy	Disinfectant-s	14. 35.	
visita i	y Frank	ofFinished	-Peak Filw.	Conceitratio	CCI. M	estiré inchi	Customer	1.0			TA WEST AND	1 0 4 100303	- Cicerifation at	Y ADMINISTRATION	olabiona chealle
208-310		A. W. S. V.	21. 健医心	Belore or at	PC	ine During pair cloud	During Peal	4.0%	3 21 22	Minimum CT Required, mg	Operating	Required	Remale Politin	Qqqqiqqy AReq	ation ville and voice
	alex sand	THEODIE CO.		(Cuthine D	加松县	ac les			ph of yard	Required, mg	TA DOSO		Pist duming		AN A COLUMN TO STUDEN
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[•] Refer to the instructions for this report to determine which plants must provide this information.

MONTHLY OPERATION REPORT FOR PW"Ss TREATING NAW GROUND WATER OR PURCHASED FINISHED WATER:

PWS Identification	n Number:		3591086	Direction of the	Plant Name;	Chuluota, P	ant#2			1.1					
III. Daily Data	for the M	outh/Year (of:		December, 200	6 :	10.1	(g', ")	31.35		1.1				
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^{*} Refer to the instructions for this report to determine which plants must provide this information.



MONTHLY OPERATION REPORT FOR SUMMATION OF FINISHED-WATER PRODUCTION BY CWSs THAT HAVE MULTIPLE TREATMENT PLANTS

See page 2 for instructions.

mmuni	shed-Water Pro ly Water System	(C)N(C) No.	Wonth/Year of	7:	December-06						
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DEP Form 62-555,900(11) Effective August 28, 2003



4049 Reid Street • P.O. Box 1429 • Palatka, FL 32178-1429 • (386) 329-4500 On the Internet at www.sirwmd.com.

April 12, 2005

Aqua Utilities Florida 6960 Professional Parkway East, Suite 400 Sarasota, FL 34240

SUBJECT:

Consumptive Use Permit Number 8362

Aqua Utilities Florida - Chuluota

Dear Sir/Madam:

Enclosed is your permit and the forms necessary for submitting information to comply with conditions of the permit as authorized by the St. Johns River Water Management District on April 12, 2005.

Please be advised that the period of time within which a third party may request an administrative hearing on this permit may not have expired by the date of issuance. A potential petitioner has twenty-six (26) days from the date on which the actual notice is deposited in the mail. or twenty-one (21) days from publication of this notice when actual notice is not provided, within which to file a petition for an administrative hearing pursuant to Sections 120.569 and 120.57, Florida Statutes. Receipt of such a petition by the District may result in this permit becoming null and void.

Permit issuance does not relieve you from the responsibility of obtaining permits from any federal, state and/or local agencies asserting concurrent jurisdiction over this work.

The enclosed permit is a legal document and should be kept with your other important records. Please read the permit and conditions carefully since the referenced conditions may require submittal of additional information. All information submitted as compliance with permit conditions must be submitted to the nearest District Service Center and should include the above referenced permit number.

Morie Gean Lewis

Gloria Lewis, Director Permit Data Services Division

Enclosures: Permit, Conditions for Issuance, Compliance Forms, Map, Well Tags

cc: District Permit File

GOVERNING BOARD

Ometrias D. Long, CHARMAN

David G. Graham, vice Chairman JACKSONVILLE

FI. Clay Albright, SECRETARY OCALA

Duane Ottenstroer, TREASURER JACKSONV-LLE

PERMIT NO. 8362

PROJECT NAME: Aqua Utilities Florida - Chuluota

DATE ISSUED: April 12, 2005

A PERMIT AUTHORIZING:

The District authorizes, as limited by the attached permit conditions, the use of 212.24 million gallons per year of groundwater from the Floridan aquifer for public supply use to serve a projected population of 4,307 in 2007 with water for household, commercial/industrial, unaccounted for, and water utility type uses.

LOCATION:

Site: WTP No. 1 AUF-Chuluota

Seminole County

Site: WTP No. 2 - AUF Chuluota-

28, 29

Seminole County

Section(s):

16, 17, 20, 21,

Township(s):

218

Range(s):

32E

ISSUED TO:

Aqua Utilities Florida 6960 Professional Parkway East, Suite 400 Sarasota, FL 34240

Permittee agrees to hold and save the St. Johns River Water Management District and its successors harmless from any and all damages, claims, or liabilities which may arise from permit issuance. Said application, including all maps and specifications attached thereto, is by reference made a part hereof.

This permit does not convey to permittee any property rights nor any rights of privileges other than those specified herein, nor relieve the permittee from complying with any law, regulation or requirement affecting the rights of other bodies or agencies. All structures and works installed by permittee hereunder shall remain the property of the permittee.

This permit may be revoked, modified or transferred at any time pursuant to the appropriate provisions of Chapter 373, Florida Statutes and 40C-1, Florida Administrative Code.

PERMIT IS CONDITIONED UPON:

See conditions on attached "Exhibit A", dated April 12, 2005

AUTHORIZED BY:

St. Johns River Water Management District

Department of Resource Management

Bu.

Harold A. Wilkening NI

Director

By:

Kirby B. Green

Executive Director

"EXHIBIT A" CONDITIONS FOR ISSUANCE OF PERMIT NUMBER 8362 AQUA UTILITIES FLORIDA DATED APRIL 12, 2005

- District Authorized staff, upon proper identification, will have permission to enter, inspect
 and observe permitted and related facilities in order to determine compliance with the
 approved plans, specifications and conditions of this permit.
- 2. Nothing in this permit should be construed to limit the authority of the St. Johns River Water Management District to declare a water shortage and issue orders pursuant to Section 373.175, Florida Statutes, or to formulate a plan for implementation during periods of water shortage, pursuant to Section 373.246, Florida Statutes. In the event a water shortage, is declared by the District Governing Board, the permittee must adhere to the water shortage restriction as specified by the District, even though the specified water shortage restrictions may be inconsistent with the terms and conditions of this permit.
- 3. Prior to the construction, modification, or abandonment of a well, the permittee must obtain a Water Well Construction Permit from the St. Johns River Water Management District, or the appropriate local government pursuant to Chapter 40C-3, Florida Administrative Code. Construction, modification, or abandonment of a well will require modification of the consumptive use permit when such construction, modification or abandonment is other than that specified and described on the consumptive use permit application form.
- 4. Leaking or inoperative well casings, valves, or controls must be repaired or replaced as required to eliminate the leak or make the system fully operational.
- 5. Legal uses of water existing at the time of the permit application may not be interfered with by the consumptive use. If unanticipated interference occurs, the District may revoke the permit in whole or in part to curtail or abate the interference unless the permittee mitigates for the interference. In those cases where other permit holders are identified by the District as also contributing to the interference, the permittee may choose to mitigate in a cooperative effort with these other permittees. The permittee must submit a mitigation plan to the District for approval prior to implementing such mitigation.
- 6. Off-site land uses existing at the time of permit application may not be significantly adversely impacted as a result of the consumptive use. If unanticipated significant adverse impacts occur, the District shall revoke the permit in whole or in part to curtail or abate the adverse impacts, unless the impacts can be mitigated by the permittee.
- 7. The District must be notified, in writing, within 30 days of any sale, conveyance, or other transfer of a well or facility from which the permitted consumptive use is made or within 30 days of any transfer of ownership or control of the real property at which the permitted consumptive use is located. All transfers of ownership or transfers of permits are subject to the provisions of section 40C-1.612, Florida Administrative Code.
- 8. A District-issued identification tag shall be prominently displayed at each withdrawal site by permanently affixing such tag to the pump, headgate, valve or other withdrawal facility as provided by Section 40C-2.401, Florida Administrative Code. Permittee shall notify the District in the event that a replacement tag is needed.
- If the permittee does not serve a new projected demand located within the service area
 upon which the annual allocation was calculated, the annual allocation will be subject to
 modification.

- 10. The permittee must ensure that all service connections are metered.
- 11. Landscape irrigation is prohibited between the hours of 10:00 a.m. and 4:00 p.m., except as follows:
 - (a) Irrigation using a micro-irrigation system is allowed anytime.
 - (b) The use of reclaimed water for irrigation is allowed anytime, provided appropriate signs are placed on the property to inform the general public and District enforcement personnel of such use. Such signs must be in accordance with local restrictions.
 - (c) Irrigation of, or in preparation for planting, new landscape is allowed any time of day for one 30 day period provided irrigation is limited to the amount necessary for plant establishment.
 - (d) Watering in of chemicals, including insecticides, pesticides, fertilizers, fungicides, and herbicides when required by law, the manufacturer, or best management practices is allowed anytime within 24 hours of application.
 - (e) Irrigation systems may be operated anytime for maintenance and repair purposes not to exceed ten minutes per hour per zone.
- 12. Permittee must implement the conservation plan approved by the District in accordance with the schedule contained therein. A report detailing the progress of plan implementation must be submitted to the District on or before the midpoint of the permit duration.
- 13. All submittals made to demonstrate compliance with this permit shall have the CUP number 8362 plainly labeled on the submittal.
- 14. This permit will expire on April 12, 2007.
- 15. Maximum annual ground water withdrawals for public supply purposes, including household type use, commercial/industrial type use, unaccounted for type use, and water utility type use must not exceed:

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193.99 million gallons (0.531 million gallons per day, average) in 2005, 202.91 million gallons (0.556 million gallons per day, average) in 2006, and 212.24 million gallons (0.581 million gallons per day, average) in 2007.
```

- 16. Wells no. 1 (GRS Station No. 19800), 2 (GRS Station No. 19801), 3 (GRS Station No. 19802), and 5 (GRS Station No. 33865) as listed on the application must continue to be monitored with totalizing flowmeters. These flowmeters must maintain 95% accuracy, be verifiable and be installed according to manufacturers specifications.
- 17. The permittee must maintain all flowmeters. In case of failure or breakdown of any meter, the District must be notified in writing within 5 days of its discovery. A defective meter must be repaired or replaced within 30 days of its discovery.
- 18. The permittee must have all flowmeters checked for accuracy at least once every 3 years within 30 days of the anniversary date of permit issuance, and recalibrated if the difference between the actual flow and the meter reading is greater than 5%. District Form No. EN-51 must be submitted to the District within 10 days of the inspection/calibration.
- 19. Total withdrawals of water from the withdrawal points authorized by this permit, Wells no. 1 (GRS Station No. 19800), 2 (GRS Station No. 19801), 3 (GRS Station No. 19802), and 5 (GRS Station No. 33865), as listed on the application, must be recorded continuously, totaled monthly, and reported to the District at least every six months from the initiation of

the monitoring using Form No. EN-50. The reporting dates each year will be as follows for the duration of the permit:

Reporting Period
January-June
July 31
July - December
January 31

- 20. Combined withdrawals from Wells 3 and 5 (GRS Station Nos. 19802 and 33865, respectively) shall not exceed 12,000,000 gallons in any month.
- 21. Maximum daily groundwater withdrawals for essential use, for fire protection must not exceed 2.88 million gallons.
- 22. The lowest quality water source, such as reclaimed water or surface/storm water, must be used as irrigation water when deemed feasible pursuant to District rules and applicable state law.
- 23. The permittee shall install a monitor well (MW-1) to monitor water quality in the basal horizon of the upper production zone of the upper Floridan aquifer no later than October 31, 2005. MW-1 shall be placed at a location acceptable to the District within the East ½, of the Northeast 1/4, of Section 21, Township 21 South, Range 32 East.
- 24. The permittee shall collect groundwater samples from Well 1 (GRS Station No. 19800), Well 5 (GRS Station No. 33865), Well 4 (GRS Station No. 33971), and MW-1 in January, April, July, and October of each year of this permit. The permittee shall notify the District of the date on which samples will be collected 14 days prior to each sample collection event and shall afford the District the opportunity to split samples at the time of each sample event. Sample collection and handling procedures shall be performed by a qualified person and shall follow the requirements of all relevant Florida Department of Environmental Protection Standard Operating Procedures (DEP SOPs). Analyses shall include field measurements of temperature, pH, and specific conductance following DEP SOPs and laboratory measurements of chloride, sulfate, carbonate, bicarbonate, calcium, magnesium, sodium, and potassium. Laboratory analyses shall be performed by a laboratory that has been certified to perform the specified analyses by the Florida Department of Health Environmental Laboratory Certification Program. The permittee shall submit a report of each sample event's data no later than 30 days following collection of the samples. The report shall include field sample data records and calibration records for field measurements, chain of custody records, Piper diagrams of the major ion data, and laboratory reports for laboratory measurements.
- 25. Within 18 months of the date of issuance of this permit, permittee shall identify viable, potential water supply partners including those that could provide water supplies or partner with the permittee in the development of water supplies. In addition, permittee shall identify potential water supply projects that could be implemented with these partners to secure the quantities of water necessary to meet permittee's projected demands through 2025 without unacceptable impacts to water resources and related natural systems. Permittee shall contact these potential partners to determine the viability of developing partnership agreements with them for the identified potential water supply projects. A written description of the potential partners and projects along with a description of the contacts between permittee and the potential partners and the viability of the development of partnership agreements shall be submitted to the District no later than October 31, 2006.
- 26. The permittee shall continue to pursue an agreement to construct an inter-connect with other nearby reclaimed water systems to provide public access reclaimed water on a bulk basis to such reclaimed water systems. The permittee shall provide a status report by January 31 of each year for the duration this permit of actions taken in conformance with this condition and agreements reached as a result of those actions.

- 27. If the District determines that unacceptable saline water intrusion or salt water interface migration is occurring as a result of the withdrawals authorized by this permit, the District shall revoke the permit in whole or in part to curtail or abate the saline water intrusion.
- 28. The permittee shall conduct hydrologic and photo monitoring at each of the six (6) wetland areas listed below:
 - a. CPH #5, Unnamed Shallow Marsh, (Sec. 22, T. 21 S., R. 32 E.);
 - b. CPH #21Unnamed Shallow Lake/Marsh, (Sec. 21, T. 21 S., R. 32 E.);
 - c. CPH #22 Unnamed Lake, (Sec. 21, T. 21 S., R. 32 E.);
 - d. CPH #40 Bayhead, (Sec. 29, T. 21 S., R. 32 E.);
 - e. CPH #41Horseshoe Lake, (Sec. 29, T. 21 S., R. 32 E.);
 - f. CPH #52 Marsh, (Sec. 21, T. 21 S., R. 32 E.);

The permittee shall install staff gauges and/or shallow wells (hereinafter referred to as monitoring devices) in each of the above-listed wetland sites. The monitoring devices and specific locations must be approved in writing by the District. The monitoring wells must be installed by a licensed water well contractor (as required in 373.336 (1)(b), F.S.), and all monitoring devices shall be surveyed to NGVD (1929) to an accuracy of +/- 0.01 foot. The permittee must submit station location and descriptor data electronically as spreadsheets in a District approved format. Station descriptor information must include: latitude/longitude, brief text site description, date of installation, type of instrument, installation entity, maintenance entity, and access instructions.

If another agency or utility is monitoring the same water body, then the same monitoring equipment/data can, upon written approval by SJRWMD, be used with the owner's consent. Data collection at all six (6) sites must be daily at midday. Water level monitoring must be initiated within 6 months of issuance of this permit.

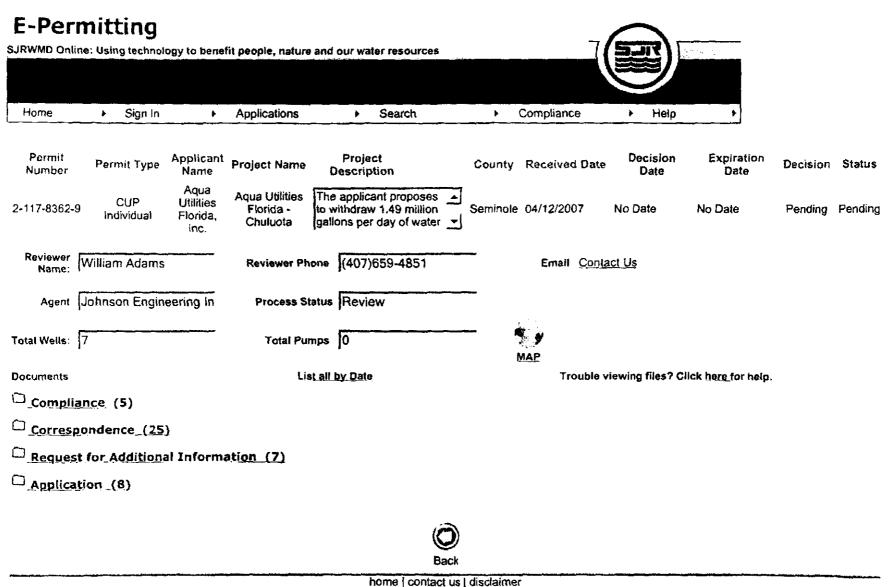
At each wetland monitoring site, an elevation profile along a transect 150 feet in length must be surveyed such that 50 feet of the adjacent upland is included. If the adjacent upland consists of placed fill, then the transect may be limited to 120 feet in length, such that 20 feet of the adjacent upland is included. The location of each transect must be reviewed and approved by the District prior to survey. Soil elevations must be recorded at 5-foot intervals and wherever there is a change in soil profile and/or change in plant community to an accuracy of +/- 0.1 foot. Other environmental features such as current water level, cypress buttress inflection points, lower extent of lichen lines, upper extent of moss collars, watermarks, and palmetto lines must be surveyed, if present. A general description of the vegetation present at each vegetation zone must include the dominant species in each stratum and the presence of nuisance/weedy/exotic species. A full soil description must be made in the top 24 inches of soil at each of the transect elevations described above. If the soil survey depicts the soils as open water, then the soil description will occur out to a water depth of 3 feet, and depth to sediment surface, and depth of organic substrate will be recorded for the remaining intervals. The data collection described in this paragraph is a one-time event. Well completion reports for the peizometers will also be included in this report. The vegetation and soil survey must be submitted within 6 months of permit issuance.

Permanent photo stations must be monumented and panoramic photographs must be taken in September for each of the wetland monitoring sites, starting in 2005 and annually thereafter. These stations must be reviewed and approved by the District prior to monumentation.

Weekly rainfall data must be obtained for each monitored location from the nearest existing rain gauge approved by the District. The same rainfall station may be used for more than one monitoring site.

The following information must be recorded by the permittee for each monitoring site: water level (weekly without data loggers, daily with data loggers), rainfall (weekly), and pumping volume (weekly by well). Monitoring data must be submitted electronically as spreadsheets every six months in a District approved computer accessible format. Permittee must contact the District for specific details on how to submit the computer accessible information. This data must also be submitted as a legible paper copy (two copies) along with the EN-50 forms for the project. On January 31st, the permittee must submit an annual report summarizing the monitoring efforts. The report must include the panoramic photographs, and graphs summarizing the rainfall and monitoring data.

29. Wetlands, lakes, and spring flows may not be adversely impacted as a result of the consumptive use authorized by this permit. If unanticipated significant adverse impacts occur, the SJRWMD shall revoke the permit in whole or in part to curtail or abate the adverse impacts, unless the impacts can be mitigated by the permittee.



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DRINKING WATER BACTERIOLOGICAL SAMPLE COLLECTION AND LABORATORY REPORTING FORMAT								HARBOR BRANCH ENVIRONMENTAL					
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5600 U Fort Pierc	DRINKING WATER BACTERIOLOGICAL SAMPLE COLLECTION AND LABORATORY REPORTING FORMAT 5600 US 1 North Fort Pierce, FL 34946 Suite 1300 Sanfort FL 32274 Lehigh Acres, FL 33936 Brooksville, FL 3						J	LAB	OR		RANCH ENTAL RIES. INC.
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HARBOR BRANCH ENVIRONMENTAL ABORATORIES. INC. 5600 U.S. I North, Fort Pierce Fl. 34946 Phone: (772) 465-2400, Ext. 255 Fax: (772) 467-584

Date issued: December 14, 2007

To:

Brian Heath

Aqua Utilities Florida, Inc.

140 Hope Street

Longwood, FL 327505141

Client:

Aqua Utilities Florida, Inc.

Workorder ID: Chuluota THM/HAA5

[2130108]

Received:

12/05/07 16:02

Dear Brian Heath;

Analytical results presented in this report have been reviewed for compliance with the HARBOR BRANCH Environmental Laboratories Inc.'s (HBEL) Quality Systems Manual and have been determined to meet applicable Method guidelines and Standards referenced in the July 2003 National Environmental Laboratory Accreditation Program (NELAP) Quality Manual unless otherwise noted. The Analytical Results within these report pages reflect the values obtained from tests performed on Samples As Received by the laboratory unless indicated differently.

FDOH Safe Drinking Water Act, Clean Water Act and RCRA Certification #'s: E96080, E83509, E85370, E84418

Questions regarding this report should be directed to the Report Signatory at (772) 465-2400, Ext. 285 referencing the HBEL Workorder ID [Number].

Respectfully submitted.

Cindy Cromer

Technical Director or Designee

Note: This report is not to be copied, except in full, without the expressed written consent of the HARBOR BRANCH Environmental Laboratories, Inc.

5600 US 1 North Fort Pierce, FL 34946 FDOH # E96080

4155 St. Johns Pkwy Suite 1300 Sanford, FL 32771

FDOH # E83509



307 Coolidge Avenue Lehigh Acres, FL 33936 FDOH # E85370

16331 Cortez Blvd Brooksville, FL 34601 FDOH # E84418

HARBOR BRANCH ENVIRONMENTAL LABORATORIES. INC. 5600 U.S. I North, Fort Pierce FL 34946 Phone: (772) 465-2400, Ext. 285 Fax: (772) 467-584

Quality Control Summary

Client:

Aqua Utilities Florida, Inc.

Workorder ID: Chuluota THM/HAA5

[2130108]

Received:

12/05/07 16:02

MB=Method Blank LCS=Laboratory Control Sample LCSD=Laboratory Control Sample Duplicate MS=Matrix Spike MSD=Matrix Spike Duplicate DUP=Sample Duplicate

HBEL Sample

Method Narratives (If Applicable)

Number

Sample ID **Analytical Method** Description

Quality Control Summary

<u>Method</u> HBEL Batch Analyte Analytical Issue

HARBOR BRANCH ENVIRONMENTAL LABORATORIES, INC. 5600 U.S. I North, Fort Plance R. 349.46 Phone: (772) 465-2400, Ext. 265 Face (772) 467-1684

CERTIFICATE OF ANALYSIS [2130108]

Client: Aqua Utilities Florida, Inc.

Workorder ID: Chuluota THM/HAA5

Parameter	Qualifier Result	Units	Reporting Limit	Method	Laboratory Batch	Prep Date/Time	Analyzed Date/Time	Analysi	Lab ID
	130108001 90 Lk Lanelle Grab			Sampled: 12/05/ Matrix: Water		Received reported on	: 12/05/07 Wet Weight I		"i
Bromodichloromethani	e 30	υg/L	0.25	EPA 524.2	VOC2866	·	12/12/07 1:57	WR	E96080
Bromoform	43	υg/L	0.41	EPA 524.2	VOC2866		12/12/07 1:57	WR	E96080
Chloroform	13	ug/L	0.25	EPA 524.2	VOC2866		12/12/07 1:57	WR	E96080
Dibromochloromethan	e 60	ug/L	0.30	EPA 524.2	VOC2865		12/12/07 1:57	WR	E96080
Total THMs	1 00 146	ug/L	0.25	EPA 524.2	VOC2866		12/12/07 1:57	WR	E96080
Dibromoacetic Acid	8.3	ug/L	0.18	EPA 552.1	PEST5038	12/13/07 11:10	12/13/07 19:24	JL	E96080
Dichloroacetic Acid	4.2	ug/L	0.66	EPA 552.1	PEST5038	12/13/07 11:10	12/13/07 19:24	JL	E96080
Monobromoacetic Acid	0.96	ug/L	0.28	EPA 552.1	PEST5038	12/13/07 11:10	12/13/07 19:24	JL	E96080
Monochloroacetic Acid	0.88 บ	ug/L	0.88	EPA 552.1	PEST5038	12/13/07 11:10	12/13/07 19:24) JL	E96080
Total HAAs	15 14.76	ug/L	0.18	EPA 552.1	PEST5038	12/13/07 11:10	12/13/07 19:24	l JL	E96080
Trichloroacetic acid	1.3	ug/L	0.20	EPA 552.1	PEST5038	12/13/07 11:10	12/13/07 19:24	J.L	E96080
	130108002)3 Mazurka Grab		, <u>.</u> .	Sampled: 12/05/ Metrix: Water		Received:	12/05/07 Net Weight F		
Bromodichloromethane	29	ua/L	0.25	EPA 524.2	VOC2866		12/12/07 2:31		E96080
Втоглаform	37	ug/L	0.41	EPA 524.2	VQC2866		12/12/07 2:31	WR	E96080
Chloroform	11	ug/L	0.25	EPA 524.2	VOC2866		12/12/07 2:31	WR	E96080
Dibromochloromethani	e 55	ug/L	0.30	EPA 524.2	VOC2866		12/12/07 2:31	WR	E96080
Total THMs	130 (32	ug/L	0.25	EPA 524.2	VOC2866		12/12/07 2:31	WR	E96080
Dibromoacetic Acid	9.6	ug/L	0.18	EPA 552.1	PEST5038	12/13/07 11:10	12/13/07 20:00		E96080
Dichloroacetic Acid	4.4	ug/L	0.66	EPA 552.1	PEST5038	12/13/07 11:10	12/13/07 20:00	-	E96080
Monobromoacetic Acid	0.60	ug/L	0.28	EPA 552.1	PESY5038	12/13/07 11:10	12/13/07 20:00		E96080
Monochloroacetic Acid	0.88 U	ug/L	0.88	EPA 552.1	PESY5038				E96080
Total HAAs	18-16,4	ug/L	0.18	EPA 552.1	PEST5038	12/13/07 11:10			E96080
Trichloroacetic acid	1.8	ug/L	0.20	EPA 552.1	PEST5038	12/13/07 11:10	12/13/07 20:00	儿	E96080
	130108003 ip Biank		And Proceedings	Sampled: Metrix: Water	Reculte	Received: reported on \	12/05/07		
Bromodichloromethane	. 0.25 U	ug/L	0.25	EPA 524.2	VOC2868	Jon Ion Oil I	12/12/07 3:05		FOCCOS
Bromoform	0.41 ป	ug/L	0.23	EPA 524.2	VOC2866		12/12/07 3:05	-	E96080
Chioroform	0.25 U	ug/L	0.41	EPA 524.2	VOC2866		12/12/07 3:05		E96080
Dibromochloromethane		nayr nayr	0.25	EPA 524.2	VOC2866		12/12/07 3:05	WR WR	E96080
Total THMs	0.25 U	ug/L	0.25	EPA 524.2	VOC2866		12/12/07 3:05	WR	E96080 E96080

Result Qualifiers: U = Not Detected I = Analyte detected between the Laboratory Method Detection Limit and Laboratory Reporting Limit Applicable Florida Department of Environmental Protection Qualifiers defined below. Statement of Estimated Uncertainty available upon request.

5600 US 1 North Fort Pierce, FL 34946 FDOH # E96080 4155 St. Johns Pkwy Suite 1300 Sanford, FL 32771

FDOH # E83509





HARBOR BRANCH ENVIRONMENTAL LABORATORIES, INC. 5600 US I North, Fort Pierce, Ft. 34946 Phone: (772) 465-2400, Ext. 285 Fext. (772) 467-1584

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Laboratory not responsible for omitted information FDOH # E98080 FDOH # E85370 5600 U.S. 1 North

Priorie: (772) 2	65-240	DO, Ext	285	Fex: (772) 467-158	Agreement to Perform Service Method(s) of	98. ·		LL NO	N GRE	YED A	REAS	Fort	Pierce,	North FL 34946	307 Coolide	ge Avenu es, FL 33
Company: AQUA U Address: 140 Hot	714. € 5	_F(+	<u>-</u>		Shipment:	- -			M AECO	Service Land		4155 Suite	St. Joh 1300	E83509 ns Pkwy,	FDO: 16331 Con Brooksville	H # E844 tez Bivd. e. Fl. 341
LONGWOOD		7	7i:	n: 33354		390	کەر	खेला र	or Lal	Use	Only.	Santo	ord, FL	32771	Problem and the	-, -
Phone: 407-339-5		<u> </u>		P. <u>D. 130</u>	e-mail:	1 den	eratur ecked	, · · · · · · · · · · · ·	ustady.	See	14 1	- 1				STION -
	729	rax	·:		Standard Laboratory				ntac	NA.	1	Check		UNC #	4000	
Client Contact: 3/	44	<i>T</i>			Turn Around Time	10		F	PRESE	AVAT	VE	STUDANS			地分別	4
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ribution: WHITE with REPORT;	YELLO	W for F	ILE;	PINK to CLIENT: GO	OLD for DAMPIER			7.		<u> </u>		71 / To		1:2 m		-

PUBLIC WATER SYSTEM INFORMATION	(to be completed by sampler - Please type or pr	int legibly)
System Name: Chuluota	PWS l.D. #:	3590186
System Type (check one) [X]Communit		Transient Noncommunity
Address: 118 E 745 S		·
Address. (ID. L. III.)	<u>t</u>	en e paragramente e la recibio de la companya de la companya de la companya de la companya de la companya de l
city: Chuluota	State: F1.	ZIP Code:
Phone #: 407-509-8398		
E-Mail Address:		-
SAMPLE INFORMATION (to be completed by	sampler)	
Comple Number OO 1	Location Code (if known):	
Sample Date: 12/05/07	Sample Time:	2:25 PM
Sample Location (be specific): 390 Lk Lan	elle Grab	
Disinfectant Residual (Required when reporting	results for trihalomethanes and haloacetic acids):	
Sample Type (Check Only One)	Reason(s) for Sample (ci	neck all that apply)
Distribution	Routine Compliance (with 62-550)	Quarterly (Which Qtr? 4
Entry Point (to Distribution)	Confirmation of MCL Exceedence*	Special (not for compliance with 62-550)
Plant Tap not for compliance with 62-550)	Composite of Multiple Sites**	Violation Resolution
Raw (at well or intake)	Clearance (permitting)	Replacement (of invalidated Sample)
Max Residence Time	Other:	
Ave Residence Time	Sampling Procedure Used or Other Con	nments:
Near First Customer		
*See 62-550.500(6) for requirements at Note: See 62-550.512(3) for additional for Nitrate or Nitrite MCL exceed	d requirements attach a resu	O(4) for requirements and lts page for each site.
Sampler's Name:Terry McCor-	thy	
Sampler's Phone #: 407 - 509 - 8	398 Sampler's Fax #: _Ц	07-339-7490
Sampler's E-Mail Address:		
CERTIFICATION (to be completed by sampler)		
Terry McCarthy Print Name	Fac Ope	Protor
do HEREBY CERTIFY that the above public completed and correct.	water system and sample collection info	rmation is
- / Mail	Date:	1/2/107
	.730 Effective January 1995, Revised January 2004	

LABORATORY CERTIFICATION INFORMATION (IO DE ATTACH A CURRENT DOH ANALYTE SHEET	e completed by lab - Please type or print legibly)
Lab Name: Harbor Branch Environmental Laborato	ries, Inc. Florida Certification #: E96080
Address: 5600 US 1 North	
	Certification Expiration Date: 06/30/2008
	Phone #:(772) 465-2400 Ext. 285
ANALYSIS INFORMATION (to be completed by lab)	Date Sample(s) Received:: 12/5/07
PWS ID (From Page 1): 3590186.	Sample Number (From Page 1): OO /
Lab Assigned Report Number or Job ID:	2130108001
Group(s) Analyzed and Results attached for compliance	e with Chapter 62-550, F.A.C. (Check all that apply):
Inorganics Synthetic Organics	Volatile Organics Disinfection Byproducts
All 17 All 30	All 21 Carinalomethanes
Partial All Except Dioxin	Partial W Haloacetic Acids
Nitrate Partial	Bromate
Nitrite Dioxin Only	Radionuclides ! Chlorite
Asbestos Only	Secondaries
	jQtrly Composite**
Were any analyses subcontracted? Yes X	No Partial
If yes, please provide DOH certification numbers:	,
ATTACH DOH ANALYTE SHEET FOR EACH SUBCONTRACTED	LAB
CERTII	FICATION
I, Cindy Cromer	Laboratory Director
(Print Name) do HEREBY CERTIFY that all attached analytical data:	(Print Title) are correct and unless noted meet all requirements of the
National Environmental Laboratory Accreditation Confe	•
Signature Ciny Comme	Date: 14-Dec-07
* Failure to provide a valid and current Florida DOH lab certification	number and a current Analyte Sheet for the attached analysis results will result
in rejection of the report, possible enforcement against the public w	rater system for failure to sample, and may result in notification of the DOH
Bureau of Laboratory Services. *** Please provide radiological sample dates Jocations for each qua	rter.
COMPLIANCE DETERMINATION (to be completed by DEF	or DOH)
Sample Collection Info Satisfactory: Yes No	Sample Analysis Info Satisfactory: Yes No
Replacement Sample(s) Requested (circle or highlight gro	oup(s) above):Revised Report Requested (circle or highlight group(s) above)
Additional Monitoring Required (circle or highlight group(s)	above)
Reason(s):	Detection(s) Incomplete Report Location Unsatisfactory Analysis Unsatisfactory
Person Notified:	Date Notified:
Comments:	
Date Reviewed: DEP/L	OOH Reviewing Official:
Reporting Format 62-550,730	Effective January 1995, Revised January 2004

HARBOR BRANCH ENVIRONMENTAL ABORATORIES. INC. 5600 U.S. I North, Fort Plerce Ft. 34946 Phone: (772) 465-2400, Ext. 286 Feb. (772) 467-584

DISINFECTION BYPRODUCTS ANALYSES 82-550.310(3)

Client:

Aqua Utilities Florida, Inc.

Report Number/ Job ID

Chuluota THM/HAA5

Sample Location:

390 Lk Lanelle Grab

Disinfectant Residual (mg/L

Sample Number:

2130108001

PWS ID

Sampling Date:

12/05/07 14:25

Date Received:

12/05/07 16:02

Conta	m			Analysis		Analytical		Analysis	Analysis	DOH La
ID	Contam Name	MCL	Units	Result	Qualifier	Method	Lab MDL	Date	Time	Cert. #
2450	Monochloroacetic Acid	[N/A]	ug/L	0.88 U		EPA 552.1	0.88	12/13/07	7:24 PM	E96080
2451	Dichloroacetic Acid	[N/A]	ug/L	4.2		EPA 552.1	0.66	12/13/07	7:24 PM	E96080
2452	Trichloroacetic acid	[NA]	ug/L	1,3		EPA 552.1	0.20	12/13/07	7:24 PM	E96080
2453	Monobromoacetic Acid	[N/A]	ug/L	0.96		EPA 552.1	0.28	12/13/07	7:24 PM	E96080
2454	Dibromoacetic Acid	[NVA]	ug/L	8.3		EPA 552.1	D.18	12/13/07	7:24 PM	E96080
2456	Total Haloacetic Acids (HAA5)	[60]	ug/L	14.76		EPA 552.1	0.18	12/13/07	7:24 PM	E96080
2941	Chloroform	[N/A]	ug/L	13		EPA 524.2	0.25	12/12/07	1:57 AM	E96080
2942	Bromoform	(NIA)	ug/L	43		EPA 524.2	0.41	12/12/07	1:57 AM	E96080
2943	Bromodichloromethane	[N/A]	ug/L	30 ,		EPA 524.2	0.25	12/12/07	1:57 AM	E96080
2944	Dibromochloromethane	[N/A]	ug/L	60		EPA 524.2	0.30	12/12/07	1:57 AM	E96080
2950	Total Trihalomethanes	[80]	ug/L	146		EPA 524.2	0.25	12/12/07	1:57 AM	E96080

NOTE: Do not round values. Report results to the accuracy, precision, and sensitivity of the analytical method used.

Reporting Format 62-550.730 Effective January 1995, Revised January 2007

5600 US 1 North Fort Pierce, FL 34946 =DOH # E96080

2nnted: 12/14/07

4155 St. Johns Pkwy, Suite 1300 Sanford, FL 32771

FDOH # E83509



307 Coolidge Avenue Lehigh Acres, FL 33936 Brooksville, FL 34601 FDOH # E85370

16331 Cortez Blvd. FDOH # E84418

^{*} Results must be reported with appropriate qualifiers in accordance with Florida Administrative Code Rule 62-160, Table 1. Results Qualified with A, F, H, N, Q, T, Z, ?, *, are unacceptable for compilance with 62-550. Results qualified with a J. Q. R. or Y must be accompanied by written justification and will be evaluated on a case by case basis. To avoid a monitoring violation, unacceptable results must be replaced with acceptable results from samples collected during the same monitoring period

PUBLIC WATER SYSTEM INFORMATION	(to be completed by sampler - Please type or pr	int legibly)
System Name: Chuluota	PWS 1.D. #:	3590186
	y Nontransient Noncommunity	
Address: Ave H/Brumle		·
THE TIP DIVINE	4	ويستني ويستنيد ومستنيده مرسيد
city: Chuluota.	State:	ZIP Code: _3275()
Phone #: _407-509-8398		
E-Mail Address:		
SAMPLE INFORMATION (to be completed by	sampler)	
	Location Code (if known):	e e e e e e e e e e e e e e e e e e e
Sample Date: / 12/05/07	Sample Time:	2:45 PM
Sample Location (be specific): 803 Mazurt		
Disinfectant Residual (Required when reporting	results for trihalomethanes and haloacetic acids):	14 mg/L Field pH: 74
Sample Type (Check Only One)	Reason(s) for Sample (c	heck all that apply)
Distribution	Routine Compliance (with 62-550)	Quarterly (Which Otr? 4
Entry Point (to Distribution)	Confirmation of MCL Exceedence*	Special (not for compliance with 62-550)
iPlant Tap not for compliance with 62-550)	Composite of Multiple Sites**	Violation Resolution
RaW (at well or intake)	Clearance (permitting)	Replacement (of invalidated Sample)
Max Residence Time	Other:	
Ave Residence Time	Sampling Procedure Used or Other Con	nments:
Near First Customer *See 62-550.500(6) for requirements at Note: See 62-550.512(3) for additional for Nitrate or Nitrite MCL exceed	l requirements attach a resu	50(4) for requirements and ults page for each site.
Sampler's Name:Terry McCou	thy	
Sampler's Phone #: 407 - 509 - [3.398 Sampler's Fax #:	407.339.7490
Sampler's E-Mail Address:		
CERTIFICATION (to be completed by sampler)	•	
I. Terry McCarthy	Fac.	Operator
do HEREBY CERTIFY that the above public completed and correct.	water system and sample collection info	ormation is
/ 40 - 11	Date:	21/07
Reporting Format 62-550	.730 Effective January 1995, Revised January 2004	-

Florida Department of Environmental Protection Safe Drinking Water Program Laboratory Reporting Format LABORATORY CERTIFICATION INFORMATION (to be completed by lab - Please type or print legibly)

	LANGE WITE BUILDING		
ATTACH A CURRENT DOH		- · · · · - · · - · · · · · · · · · · ·	
		atories, Inc Florida Certification	on #; <u>E96080</u>
Address: <u>5600 U</u>	S 1 North	Certification Expiration E	Date: 06/30/2008
Fort Pi	ierce, FL 34946	Phone #: (77	2) 465-2400 Ext. 285
ANALYSIS INFORMAT	FION (to be completed by lab)	Date Sample(s) Received::	12/5/07
PWS ID (From Page 1):	3590186	Sample Number (From Page 1):	008
Lab Assigned Report N	lumber or Job ID:	2130108002	•
Group(s) Analyzed and	Results attached for complia	ince with Chapter 62-550, F.A.C. (Check all that apply):
Inorganics	Synthetic Organics	Volatile Organics	Disinfection Byproducts
``All 17	[All 30	[All 21	Trihalomethanes
Partial	All Except Dioxin	Partial	× Haloacetic Acids
Nitrate	Partial	J	Bromate
Nitrite	Dioxin Only	Radionuclides	Chlorite
Asbestos Or		Single Sample	
	•	Qtrly Composite**	Secondaries
Were any analyses sub	ocontracted? Yes	X No	∏All 14 [□,Partial
If yes, please provide D ATTACH DOH ANALYTE SI	HEET FOR EACH SUBCONTRACT	TED LAB	
	HEET FOR EACH SUBCONTRACT	RTIFICATION	The state of the s
ATTACH DOH ANALYTE SI	HEET FOR EACH SUBCONTRACT CER Cromer	RTIFICATION Laborator	
I, Cindy (Print National Environmental	HEET FOR EACH SUBCONTRACT CER Cromer ame) that all attached analytical da I Laboratory Accreditation Col	RTIFICATION Laborator (Print eta are correct and unless noted me inference (NELAC).	Title) et all requirements of the
I, Cindy (Print National Environmental Signature	CERCONTRACT CERCONTRACT CERCONTRACT COMMENT CO	RTIFICATION Laborator (Print eta are correct and unless noted me inference (NELAC). Date: 14-Di	Title) et all requirements of the ec-07
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ATTACH DOH ANALYTE SI I. Cindy (Print Na do HEREBY CERTIFY National Environmental Signature * Failure to provide a valid a in rejection of the report, pos Bureau of Laboratory Servic ** Please provide radiologica	CERCONTRACT CERCON	RTIFICATION Laborator (Print ata are correct and unless noted me inference (NELAC). Date: 14-Di ation number and a current Analyte Sheet fi lic water system for failure to sample, and n quarter. DEP or DOH)	Title) et all requirements of the ec-07 or the attached analysis results will result nay result in notification of the DOH
ATTACH DOH ANALYTE SI Cindy (Print Na do HEREBY CERTIFY National Environmental Signature Failure to provide a valid a in rejection of the report, pos Bureau of Laboratory Servic Please provide radiologica COMPLIANCE DETER Sample Collection Info	CERCOTOMER Cromer ame) that all attached analytical day Laboratory Accreditation Countr	RTIFICATION Laborator (Print eta are correct and unless noted me inference (NELAC). Date: 14-Di ation number and a current Analyte Sheet fi lic water system for failure to sample, and in quarter. DEP or DOH) No Sample Analysis Info	Title) et all requirements of the ec-07 or the attached analysis results will result nay result in notification of the DOH Satisfactory: Yes No
ATTACH DOH ANALYTE SI I. Cindy (Print Na do HEREBY CERTIFY National Environmental Signature * Failure to provide a valid a in rejection of the report, pos Bureau of Laboratory Servic ** Please provide radiologica COMPLIANCE DETER Sample Collection Info	CERCONTRACT CERCONTRACT CERCONTRACT CERCONTRACT CERCONTRACT CONTRACT Laboraton (Print ata are correct and unless noted me inference (NELAC). Date: 14-Distinguished a current Analyte Sheet folic water system for failure to sample, and requarter. DEP or DOH) No Sample Analysis Information (Inference) above) Revised Report Reservices (Print Analyte Sheet folic water system for failure to sample, and requarter.	Title) et all requirements of the ec-07 or the attached analysis results will result nay result in notification of the DOH Satisfactory: Yes No	
I,Cindy (CERCOTOMER Cromer ame) that all attached analytical day Laboratory Accreditation Countr	Laboraton (Print ata are correct and unless noted me inference (NELAC). Date: 14-Direct and number and a current Analyte Sheet filic water system for failure to sample, and inquarter. DEP or DOH) No Sample Analysis Informat group(s) above) Revised Report Report Report Reports above)	Title) et all requirements of the ec-07 or the attached analysis results will result nay result in notification of the DOH Satisfactory: Yes No
I, Cindy (Print National Environmental Signature * Failure to provide a valid a in rejection of the report, post Bureau of Laboratory Service** Please provide radiologica COMPLIANCE DETER Sample Collection Info Replacement Sample Additional Monitoring Reason(s): MCL(CERCOTOMER Cromer ame) that all attached analytical day Laboratory Accreditation County and current Florida DOH lab certificates salble enforcement against the publices. all sample dates Jocations for each existing and current Florida DOH lab certificates salble enforcement against the publices. All sample dates Jocations for each existing and sample dates Jocations for each existence and sample dates Jocations for each existence and sample dates Jocations for each existence and sample dates Jocations for each existence and sample dates Jocations for each existence and sample dates Jocations for each existence and sample dates Jocations for each existence and sample dates Jocations for each existence and sample dates Jocations for each existence and sample dates Jocations for each existence and sample dates Jocations for each existence and sample dates Jocations for each existence and sample dates Jocatio	Laboraton (Print ata are correct and unless noted me inference (NELAC). Date: 14-Di ation number and a current Analyte Sheet fi lic water system for failure to sample, and in quarter. DEP or DOH) No Sample Analysis Info at group(s) above) Revised Report Re p(s) above) Detection(s) Location Unsatisfactory	Title) et all requirements of the ec-07 or the attached analysis results will result may result in notification of the DOH Satisfactory: []Yes []No equested (circle or highlight group(s) above []Incomplete Report []Analysis Unsatisfactory
ATTACH DOH ANALYTE SI I. Cindy (Print Na do HEREBY CERTIFY National Environmental Signature * Failure to provide a valid a in rejection of the report, pos Bureau of Laboratory Servic ** Please provide radiologica COMPLIANCE DETER Sample Collection Info Replacement Samp Additional Monitoring Reason(s): MCL(Missisian	CERCOTOMER Cromer ame) that all attached analytical day Laboratory Accreditation County and current Florida DOH lab certificates all sample dates locations for each classifications: Satisfactory: Yes Itele(s) Requested (circle or highlight g Required (circle or highlight g Required (circle or highlight g Analyte Sheet(s)	RTIFICATION Laborator (Print sta are correct and unless noted me inference (NELAC). Date: 14-Di stion number and a current Analyte Sheet fi lic water system for failure to sample, and in quarter. DEP or DOH) No Sample Analysis Info in group(s) above) Revised Report Re p(s) above) [Detection(s) [Location Unsatisfactory]	Title) et all requirements of the ec-07 or the attached analysis results will result nay result in notification of the DOH Satisfactory: [_ Yes
I,Cindy ()	CERCOTOMER Cromer ame) that all attached analytical day Laboratory Accreditation County and current Florida DOH lab certificates salble enforcement against the publices. all sample dates Jocations for each existing and current Florida DOH lab certificates salble enforcement against the publices. All sample dates Jocations for each existing and sample dates Jocations for each existence and sample dates Jocations for each existence and sample dates Jocations for each existence and sample dates Jocations for each existence and sample dates Jocations for each existence and sample dates Jocations for each existence and sample dates Jocations for each existence and sample dates Jocations for each existence and sample dates Jocations for each existence and sample dates Jocations for each existence and sample dates Jocations for each existence and sample dates Jocations for each existence and sample dates Jocatio	Laboraton (Print ata are correct and unless noted me inference (NELAC). Date: 14-Di ation number and a cument Analyte Sheet fi ic water system for failure to sample, and in quarter. DEP or DOH) No Sample Analysis Info in group(s) above) Revised Report Re p(s) above) Detection(s) Location Unsatisfactory	Title) et all requirements of the ec-07 or the attached analysis results will result nay result in notification of the DOH Satisfactory:YesNo equested (circle or highlight group(s) aboveIncomplete ReportIncatisfactory

HARBOR BRANCH ENVIRONMENTAL U.S. I North, Fort Pierce FL 34946 (772) 465-2400, Ext. 295 Fax: (772) 467-584

DISINFECTION BYPRODUCTS ANALYSES 62-550.310(3)

Client:

Aqua Utilities Florida, Inc.

Report Number/ Job ID

Chuluota THM/HAA5

Sample Location:

803 Mazurka Grab

Disinfectant Residual (mg/L

Sample Number:

2130108002

PWS ID

3590186___

Sampling Date:

12/05/07 14:45

Date Received:

12/05/07 18:02

Conta	ım			Analysis		Analytical		Analysis	Analysis	DOH La
ID	Contam Name	MCL	Units	Result	Qualifier	Melhod	Lab MDL	Date	Time	Cert. #
									- , - , - , - , - , - , - , - , - , - ,	· · · · · · · · · · · · · · ·
2450	Monochloroacetic Acid	[N/A]	ug/L	0.88 U		EPA 552.1	0.88	12/13/07	8:00 PM	E96080
2451	Dichloroacetic Acid	[N/A]	ug/L	4.4		EPA 552.1	0.66	12/13/07	8:00 PM	E96080
2452	Trichloroacelic acid	[N/A]	ug/L	1.8		EPA 552.1	0.20	12/13/07	8:00 PM	E96080
2453	Monobromoacetic Acid	[N/A]	ug/L	0.60		EPA 552.1	0.28	12/13/07	8:00 PM	E96080
2454	Dibromoacetic Acid	[N/A]	ug/L	9.6		EPA 552.1	0.18	12/13/07	8:00 PM	E96080
2456	Total Haloacetic Acids (HAA5)	[60]	ug/L	16.4		EPA 552.1	0.18	12/13/07	8:00 PM	E96080
2941	Chloroform	[N/A]	ug/L	11		EPA 524.2	0.25	12/12/07	2:31 AM	E96080
2942	Biomoform	[N/A]	ug/L	37		EPA 524.2	0.41	12/12/07	2:31 AM	E96080
2943	Bromodichloromethane	[N/A]	ug/L	29		EPA 524.2	0.25	12/12/07	2:31 AM	E96080
2944	Dibromochloromethane	[N/A]	ug/L	55		EPA 524.2	0.30	12/12/07	2:31 AM	E96080
2950	Total Trihalomethanes	[80]	ug/L	132		EPA 524.2	0.25	12/12/07	2:31 AM	E96080

NOTE: Do not round values. Report results to the accuracy, precision, and sensitivity of the analytical method used.

Reporting Formal 62-550,730 Effective January 1995, Revised January 2007

5600 US 1 North Fort Pierce, FL 34946 EDOH # E96080

4155 St. Johns Pkwy, Suite 1300 Sanford, FL 32771

FDOH # E83509

Printed: 12/14/07



307 Coolidge Avenue Lehigh Acres, FL 33936 Brooksville, FL 34601 FDOH # E85370

16331 Cortez Blvd. FDOH # E84418

^{*} Results must be reported with appropriate qualifiers in accordance with Florida Administrative Code Rule 52-160, Table 1. Results Qualified with A, F, H, N, Q, T, Z, ?, *, are unacceptable for compliance with 62-550. Results qualified with a J. Q. R. or Y must be accompanied by written justification and will be evaluated on a case by case basis. To avoid a monitoring violation, unacceptable results must be replaced with acceptable results from samples collected during the same monitoring period.

PUBLIC WATER SYSTEM INFORMATION	(to be completed by sampler - Please type or pr	int legibly)
System Name:	PWS I.D. #:	
System Type (check one)	y []Nontransient Noncommunity	Transient Noncommunity
Address:		
gym - Man minera y than t freezy y military manager can		
City:	State:	ZIP Code:
Phone #:	Fax #:	man urr water control may be seen
E-Mail Address:		
SAMPLE INFORMATION (to be completed by	sampler)	
Sample Number:	Location Code (if known):	عاد د د سود
Sample Date:	Sample Time:	· · · · · · · · · · · - · - · - · · - · · - · · - · · · - ·
Sample Location (be specific): Trip Blank		
Disinfectant Residual (Required when reporting	results for trihalomethanes and haloacetic acids):	mg/L Field pH:
Sample Type (Check Only One)	Reason(s) for Sample (c	
Distribution	Routine Compliance (with 62-550)	Quarterly (Which Qtr?
Entry Point (to Distribution)	Confirmation of MCL Exceedence*	Special (not for compliance with 62-550
	Composite of Multiple Sites**	Violation Resolution
Raw (at well or intake)	Clearance (permitting)	Replacement (of Invalidated Sample)
Max Residence Time	Other:	
Ave Residence Time	Sampling Procedure Used or Other Cor	
Near First Customer *See 62-550.500(6) for requirements a Note: See 62-550.512(3) for addition for Nitrate or Nitrite MCL exceed	al requirements attach a res	50(4) for requirements and ulls page for each site.
Sampler's Name:		
Sampler's Phone #:		
Sampler's E-Mail Address:	· · · · · · · · · · · · · · · · · · ·	
CERTIFICATION (to be completed by sampler)		
l,		
Print Name		Print Title
do HEREBY CERTIFY that the above publi completed and correct.	ic water system and sample collection info	ormation is
	Date:	

Florida Department of Environmental Protection Safe Drinking Water Program Laboratory Reporting Format LABORATORY CERTIFICATION INFORMATION (to be completed by lab - Please type or print feelibly)

Lah Mama:	Harbar Dra	nch Environmental La	haratarian ina Piet	ala Malaksani	- #. F00000
			boratories, Inc. Flori		
			Certification		
	Fort Pierce	e, FL 34946	Phone #:	(772	2) 465-2400 Ext. 285
ANALYSIS IN	NFORMATION	(to be completed by lab) Date Sample(s) R	eceived::	12/5/07
PWS ID (Fron	n Page 1):		Sample Number (From Page 1):	
Lab Assigned	Report Numb	per or Job ID:	2130108003	. <u>.</u>	
Group(s) Anai	lyzed and Res	sults attached for con	pliance with Chapter 62-5	50, F.A.C. (C	heck all that apply);
Inorga	anics	Synthetic Organics	Volatile C	rganics	Disinfection Byproducts
All	17	;_jAll 30	:All 21	•	. ∡ Trihalomethanes
Pa	rtial	All Except Diox	n Partia	3 i	Haloacetic Acids
[Nit	trate.	Partial			Bromate
Nit	trite	Dioxin Only	Radionu	ıdides	Chlorite
As	bestos Only	·	Singl	e Sample	Secondaries
			,Qtrly	Composite**	All 14
Were any ana	alyses subcon	tracted? Yes	X No		Partial
ATTACH DOH.⊁	ANALYTE SHEE	T FOR EACH SUBCONTI		······································	
ATTACH DOH A	ANALYTE SHEE		RACTED LAB		
ATTACH DOH	Cindy Cron	mer	RACTED LAB	Laboratory	
1,	Cindy Cron (Print Name)	ner	CERTIFICATION	Laboratory (Print	Title)
l, do HEREBY (Cindy Cron (Print Name) CERTIFY that	ner) t all attached analytic	RACTED LAB	Laboratory (Print	Title)
l, do HEREBY (National Envi	Cindy Cron (Print Name) CERTIFY that ironmental Lai	ner) t all attached analytica boratory Accreditation	CERTIFICATION al data are correct and unle Conference (NELAC).	Laboratory (Print ess noted mee	Tite) et all requirements of the
l, do HEREBY (National Envi Signature	Cindy Cron (Print Name) CERTIFY that ironmental Lal	ner t all attached analytication boratory Accreditation	CERTIFICATION al data are correct and unle Conference (NELAC). Date:	Laboratory (Print ess noted mee	Tite) et all requirements of the ec-07
do HEREBY (National Environature * Faiture to provi	Cindy Cron (Print Name) CERTIFY that ironmental Lal ide a valid and control possible	t all attached analytics boratory Accreditation	CERTIFICATION al data are correct and unle Conference (NELAC). Date: tification number and a current	Laboratory (Print) ess noted mee 14-De Analyte Sheet fo	Tite) et all requirements of the ec-07
do HEREBY (National Environature * Faiture to provi in rejection of the Bureau of Labor	Cindy Cron (Print Name) CERTIFY that ironmental Lal ide a valid and creport, possible ratory Services.	ner t all attached analytication boratory Accreditation urrent Florida DOH lab ce e enforcement against the	CERTIFICATION al data are correct and unle Conference (NELAC). Date: public water system for failure	Laboratory (Print) ess noted mee 14-De Analyte Sheet fo	Title) et all requirements of the ec-07 or the attached analysis results will result
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do HEREBY (National Environment Signature * Failure to provide rejection of the Bureau of Labor ** Please provide COMPLIANC	Cindy Cron (Print Name) CERTIFY that ironmental Lal ide a valid and cite report, possible ratory Services. Ite radiological sa	t all attached analytical boratory Accreditation when the foods a DOH lab ce to enforcement against the ample dates locations for the NATION (to be complete.)	CERTIFICATION al data are correct and unle Conference (NELAC). Date: rtification number and a current public water system for failure	Laboratory (Print) ess noted mee 14-De Analyte Sheet foto sample, and me	Title) et all requirements of the ec-07 or the attached analysis results will result nay result in notification of the DOH
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do HEREBY (National Environment Failure to provious rejection of the Bureau of Labor Please provide COMPLIANC Sample Colle Replacem Additional	Cindy Cron (Print Name) CERTIFY that ironmental Lal ide a valid and cross report, possible ratory Services. In radiological sate of the report of the complete	t all attached analytical boratory Accreditation with the control of the conference	CERTIFICATION al data are correct and unled Conference (NELAC). Date: rtification number and a current public water system for failure each quarter. d by DEP or DOH) No Sample ghlight group(s) above) Detection(s) Location Unsa	Laboratory (Printiess noted meetings noted meetings) 14-De Analyte Sheet foto sample, and meetings and meetin	Title) et all requirements of the ec-07 or the attached analysis results will result hay result in notification of the DOH Satisfactory:YesNo equested (circle or highlight group(s) aboveIncomplete ReportAnalysis Unsatisfactory
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HARBOR BRANCH LABORATORIES. INC.

DISINFECTION BYPRODUCTS ANALYSES 62-550.310(3)

Client:

Aqua Utilities Florida, Inc.

Report Number/ Job ID

Chuluota THM/HAA5

Sample Location:

Trip Blank

Disinfectant Residual (mg/L

Sample Number:

2130108003

PWS ID

Sampling Date:

Date Received:

12/05/07 16:02

Contam

ID

Contam Name

MCL

Analysis Units Result

Analytical Qualifier Method

Lab MDL

Analysis Analysis DOH La

Cert. # Date Time

2941	Chloroform	(N/A)	ug/L	0.25 U	EPA 524.2	0.25	12/12/07	3:05 AM	E96080
2942	Bromoform	[N/A]	ug/L	0.41 U	EPA 524.2	0.41	12/12/07	3:05 AM	E96080
2943	Bromodichloromethane	(N/A)	ug/L	0.25 U	EPA 524.2	0.25	12/12/07	3:05 AM	E96080
2944	Dibromochloromethane	[N/A]	ug/L	0.30 U	EPA 524.2	0.30	12/12/07	3:05 AM	E96080
2950	Total Trihalomethanes	[80]	ug/L	0.25 U	EPA 524.2	0.25	12/12/07	3:05 AM	E96080

NOTE: Do not round values. Report results to the accuracy, precision, and sensitivity of the analytical method used.

Reporting Format 62-550.730 Effective January 1995, Revised January 2007

* Results must be reported with appropriate qualifiers in accordance with Florida Administrative Code Rule 62-160, Table 1. Results Qualified with A, F, H, N, Q, T, Z, ?, *, are unacceptable for compliance with 62-550. Results qualified with a J, Q, R, or Y must be accompanied by written justification and will be evaluated on a case by case basis. To avoid a munitoring violation, unacceptable results must be replaced with acceptable results from samples collected during the same monitoring period.

5600 US 1 North Fort Pierce, FL 34946 FDOH # E96080

4155 St. Johns Pkwy, Suite 1300 Sanford, FL 32771

FDOH # E83509



307 Coolidge Avenue Lehigh Acres, FL 33936 FDOH # E85370

16331 Cortez Blvd. Brooksville, FL 34601 FDOH # E84418

Printed: 12/14/07

Public Water System Information (to b	e completed by sampler)						
System Name: Chulu	DHQ ,	ws 10.359018G					
System Type (check one): Geommuni	ty Nontransient Noncommunity	Transient Noncommunity					
City: Chillunta Phone #: UD1-3391-54 E-Mail Address:	State:	ZIP COUD: 327 (04 M-339-7490					
Sample Information (to be completed by Sample Number: 46984DW2 Sample Date: 2001 Sample Location (be specific): 2002 Disinfectant Residual (required when rep	Location Code (if k Sample Time: 3 UOZUNA	nown): 803 Mazurka AM PM (circle one) scids): 1 mg/L Field pH: 1.7					
Sample Type (check only one)	Sample Ressor(s Routine Compliance (with 62-550)	Ucheck all that apply)					
Entry Point (for Distribution)	Confirmation of MCL Exceedance *	Quarterly (which querter?)					
Plant Tap (not for compliance with 52-550		Special (not for compliance with 62-550) Violation Resolution					
Rew (at well or intake)	Clearance (permitting)	Replacement (of invalidated sample)					
Max Residence Time	Other:						
☐ Avg Residence Time	Sampling Procedure Used or Other Comm	Norta:					
New First Customer							
* See 62-650.500(6) for requirements (0.55Q(2) for requirements and					
NOTE: See 62-550,512(3) for additiona	I requirements attach a resulti	spage for each site.					
for nitrate or nitrate MCL exceedances.		-					
Sampler's Name:	Mendel						
Sampler's Phone #: 40 - 30	Sampler's Fax #	407-339-1440					
Sempler's E-Mail Address:	Δa						
Certification (to be completed by s	sampler)	_					
, Bill Teller	rall or fo	attorago petilos					
(Print Name)	O	(Print Title)					
do HEREBY CERTIFY that the above public	lic water system and collection inform	ation is complete and correct.					
Signature:		Date:					

Laboratory Certification In	formation (to be complete	ed by leb)								
Lab Name: Flowers Chem	ical Laboratories, Inc.	Florida Certific	cation #: E83018							
Address: P. O. Box 1506:	97	Certification Expiration Date: 8/30/2008								
Altemonte Sprin	gs, FL 32715-0597	Phone #: 407	-339-5984							
Analysis information (t	o be completed by lab)	Report Numbe	or: 48984							
Sample Number: 46984D	W2	Date Sample (Received: 08/24/07							
Group(s) analyzed and res	ults attached for compliance i	with Chapter 62-550, F.A.C. (c	check all that apply)							
horpanics	Volatila Organica	Badiopuclidas	Distriction Ryproducts							
□A# 17	☐All 21 ☐Partial	Single Sample	Trihalomethenes							
Partial		Otrly Composite**	Haloscetic Acids							
Nitrate			Bromate							
Nitrite	Synthatic Ornanics	Secondaries	□ Chlorite							
Asbestos	☐All 30 ☐Partial	DAII 14 DPartial	Chionte							
noted meet all requirement Signature: * Faiture to provide a valid a snalyala results will result	echnical Director, do HEREBY rits of the National Environment and current Floride Dept. of Health in rejection of the report and poss	ntal Laboratory Accreditation C Date: 08/29/6 h lab ID number and a current Ana hible enforcement against the publ	o 7							
	nical sample dates and locations for									
Compliance Determination	n (to be complet	ted by DEP or DOH)								
Reason(s): Dincomplete	Report DLoc	Sample Analysis Info Set Brevised Report Reques Cation Unsatisfactory her	ted (circle or highlight groups above)							
Person Notified:			ate Notified:							
Comments:										
Date Reviewed:	DEP/DOH Reviewin	g Official:								

Disinfection Byproducts: 82-550.310(3) Lab ID: 46984DW2 PWS ID: Chuluota Sample ID: 803 Mazurka

Contac	n			Analysis		Analytical	Lab	eisylanA	Analysis	DOH Lab
ID	Contam Name	MCL	Units	Result	Qualifier	Method	MDL	Date	Time	Cert #
2450	Monochloroacetic Acid	N/A	ug/L	2.00	V	EPA552.2	2.00	08/28/07		E83018
2451	Dichloroscetic Acid	N/A	ug/L	8.98		EPA552.2	2.00	08/28/07		£83018
2452	Trichloroacetic Acid	N/A	ug/L	4.96		EPA552.2	0.500	08/28/07		E83018
2453	Monobromoacetic Acid	N/A	ug/L	1.00	U	EPA552.2	1.00	08/28/07		E83018
2454	Dibromoscetic Acid	N/A	ug/L	13.3		EPA552.2	0.500	08/28/07		E83018
2456	HAA5	60	ug/L	27.2		EPA552.2	0.500	08/28/07		E83018
2941	Chloroform	N/A	ug/L	14.8		EPA502.2	0.500	08/28/07		E83018
2942	Bromoform	N/A	ug/L	31.6		EPA502.2	0.500	08/28/07		EB3018
2943	Bromodichloromethane	N/A	ug/L	31.6		EPA502.2	0.500	08/28/07		E83018
2944	Dibromochloromothane	N/A	ug/L	80.7		EPA502.2	0.500	08/28/07		E83018
2950	Total Trihalomethanes	80	นถู/โ	139		EPA502.2	0.500	08/28/07		E83018

☐ Flowers Chemical Laboratories, Inc. 481 Newburyport Ave.

Altamonte Springs, FL 32701 Bus: 407-339-5984 Fax: 407-260-6110

☐ Flowers Chemical Labs-South

8253 South US Hwy. 1 Port St. Lucie, FL 34952 Bus: 772-343-8006 Fax: 772-343-8089

☐ Flowers Chemical Labs-North

1

812 S.W. Harvey Greene Dr. Madison, FL 32340 Bus: 850-973-6878 Fax: 850-973-6878



Pley 06-03

www.flowersiabs.com

Ctient	www.fi	owersiab	s.com										Ľ	LEOD	ATORI	ES
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Sampler Signature															_	
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GW - ground water D	W - drinking wa	8/24/)/						REQUES	_ /	/ /	7	7 7	7	7 /6	OMMENTS
SW - surface water	S - Soll/solid	iter WW. SL-≡lud	wastewater	Γ				T	1		60 /	//	/ /	//	/ / ~	ENIS
MO. SAMPLE DESCRIPTION				}	H ₂ SO ₄	8		74 2 S ₂ O ₃	1	38	y /		//	/ /		- 1
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HARBOR BRANCH ENVIRONMENTAL ABORATORIES, INC.

Date issued: June 8, 2007

To:

Brian Heath

Aqua Utilities Florida, Inc.

140 Hope Street

Longwood, FL 327505141

Client:

Agua Utilities Florida, Inc.

Workorder ID: Chuluota THM

[2128711]

Received:

5/18/07 14:56

Dear Brian Heath;

Analytical results presented in this report have been reviewed for compliance with the HARBOR BRANCH Environmental Laboratories Inc.'s (HBEL) Quality Systems Manual and have been determined to meet applicable Method guidelines and Standards referenced in the July 2003 National Environmental Laboratory Accreditation Program (NELAP) Quality Manual unless otherwise noted. The Analytical Results within these report pages reflect the values obtained from tests performed on Samples As Received by the laboratory unless indicated differently.

FDOH Safe Drinking Water Act, Clean Water Act and RCRA Certification #'s: E96080, E83509, E85370, E84418

Questions regarding this report should be directed to the Report Signatory at (772) 465-2400, Ext. 285 referencing the HBEL Workorder ID [Number].

Respectfully submitted.

Cindy Cromer

Technical Director or Designee

Note: This report is not to be copied, except in full, without the expressed written consent of the HARBOR BRANCH Environmental Laboratories, Inc.

5600 US 1 North Fort Pierce, FL 34946 4155 St. Johns Pkwy Suite 1300 Senford, FL 32771

FDOH # E83509

307 Coolidge Avenue Lehigh Acres, FL 33936 Brooksville, FL 34601 FDOH # E85370

16331 Cortez Blvd FDOH # E84418

Printed: 6/8/07

FDOH # E96080

Pega 1 of 4

HARBOR BRANCH ENVIRONMENTAL LABORATORIES, INC.

CERTIFICATE OF ANALYSIS [2128711]

Client: Aqua Utilities Florida, Inc.

Workorder ID: Chuluota THM

Paramater	Ovalifier Result	Units	Reporting Limit	Method	Laboratory Batch	Prep Date/Time	Analyzed Date/Time	Analys	Lab I ID
Laboratory ID: Sample ID:	2128711001 390 Lk Lanelle Grab			Sampled: 05/18/0 Matrix: Water		Received reported on			
Bromodichiorometh	ana 34	ugA.	0.25	EPA 524.2	VOC2796	.chousen on		• •	
Bromoform	47	Ug/L	0.41	EPA 524,2	VOC2796		05/31/07 0:39		E96080
Chloroform	22	ug/L	0.25	EPA 524.2	VOC2798		05/31/07 0:39	****	E96080
Dibromochlorometh	ane 75	บอน	0.30	EPA 524.2	VOC2798		05/31/07 0:39	,,,,	E96080
Total THMs	100 -178	ing/L	0.25	EPA 524.2	VOC2798		05/31/07 0:39 05/31/07 0:39	WR WR	E96080 E96080
Leboratory ID: Sample ID:	2128711002 803 Mazurka Grab			Sampled: 05/18/0 Matrix: Water		Received: reported on V	05/18/07		
Bromodichlorometha	ine 29	ug/L	0.25	EPA 524.2	VOC2796		•		ئــــن
Bromolorm	48	ug/L	0.41	EPA 524.2	VOC2796		05/31/07 1:13	WA	E96080
Chioraform	12	UoAL	0.25	EPA 524.2	VOC2796		05/31/07 1:13	WR	E96080
Dibromochlorometha	ine 67	vg/L	0.30	EPA 524.2	VOC2796		05/31/07 1:13 05/31/07 1:13	WR	E96080
Total THMs	-1881SLp	ug/L	0.25	EPA 524.2	VOC2796		05/31/07 1:13 05/31/07 1:13	WR WR	E96080
	2128711003 Trip Blank		· · · · · · · · · · · · · · · · · · ·	Sampled: Matrix: Water		Received;			
Bromodichlorometha	•		(=	Results	eponed on W	lel Weight B	āšis	
Bremeform	•	ug/L	0.25	EPA 524,3	VOC2796	0	5/31/07 1:48	WR	E96080
Chiorolom Chiorolom	0.41 U	ug/L	0.41	EPA 524,2	VOC2796	0	5/31/07 1:48	WR	E96080
	0,25 U	ug/L	0.25	EPA 524.2	VOC2796	0	5/31/07 1:46	WR	E96080
Dibromochiprometha		ug/L	0.30		VOC2796	0	5/31/07 1:48		E96080
Total THMs	0.25 U	ug/L	0.25	EPA 524.2	VOC2796	Œ.	5/31/07 1:48		E96080

Result Qualifiers: U = Not Detected I = Analyte detected between the Laboratory Method Detection Limit and Laboratory Reporting Limit Applicable Florida Department of Environmental Protection Qualifiers defined below. Statement of Estimated Uncertainty available upon request.

<u>4</u>
<u> </u>

HARBOR BRANCH

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5600 US I North Fort Place P. 34946 Phone (772) 465-2400. Ed. 285 Fee. (772) 467-1584

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Agreome	HI IO A	ertotni.	Pervicus

of Custody	USE BALL POINT PEN
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Partomi Services	ALL NOW GREYED AREAS
	POR MITCH PRINCIPLE

1 1

ALL NOW GREVED AREAS

USE BALL POINT PEN PRESS HARD	Laboratory not responsible	for omitted information
PRESS HARD	FDOH # E98080	FDOH # £85370

5600 U.S. 1 North Fort Plates, FL 34946

FDOH # E85370 307 Coplidge Avenue Lation Acres, FL 33938

FOOH # E83509 4155 St. Johns Pkwy

FDOH # E84418 19331 Codez Blvd.

Company: Aqua Utr. FL.						Shipment:					4155 St. Johns Pkwy. 16331 Cortez Blvs								
Address:	140	HOPE	کے ج	5 / .								植		Suite 1 Santon	30 0 d, FL 3	2771	Bro	okavilla, FL 34601	
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LONGWOOD, FL. Zp: 32750 407 Phone: 339-5424 Fax:						e-mail: Standard Laboratory		cked N	i.Ca	Intect	Nt.		Sh écké	dî.	FVA	#	W1711_		
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LAB ID	COLLE	CTION	Type.	i.	ğ	SAMP	LE DESCRIPTION	1									001	APPA PERO	
	DATE	TIME	Sample	MU.TRIX	a Contai	As Wi	Il Appear On Report	7.11									COM	MENTS	
001	5/18	1300	G	DW	3	390 LK.	LANELLE	×								eH	8.0	cl2 15	
002	5/19	1330	G	DW	3	803 MA	TURKA	x		}						pH		Cla	
003					3	Trip	Blanks	X											
				1				<u>.</u>											
								1											
								<u> </u>											
								1											
													_						
				 -	_	· · · · · · · · · · · · · · · · · · ·		-		ļ	-								
	Sample Type	: G+Grab	C-Co	rinco4i		(4.0) (3.0)	· Maidk: S-Sold St. Sliggi GW	To distribute	Militar	700 5		ideal (A	N. Sign	SS STA	200 YEA	7.80 a.m	9242 - NO	The section of the se	
-	RELINQUISH			Hel		Zi R	EUNQUISHED BY	_	1		RELINC				CON AT A	MAN WAR	CENTAL ME	Marine	
Report S	DATE/TWE	5/18/	77		195		ATEITIME 5/2/1		1600		DATEI								
-C.3	RECEIVED B			Le			ECEIVED BY				RECEIV	ED FOR	Hell	NS/O	x ex (me	wd.		
	DATEITIME	15/	-	9.		7.7.2	ATE/TIME				DATE	ME	112	n	10	<u>0</u> 0			

distribution: WifITE with REPORT: YELLOW for FILE; PINK to CLIENT: GOLD for SAMPLER

PUBLIC WATER SYSTEM INFORMATION	to be completed by samplar - Please type or r	rint legible)
_		
System Name: Chuluotta	PWS I.D. #:	
	Nontransient Noncommunity	Transient Noncommunity
Address: 118 E. 7+h St		the second secon
•	comes where the contract of th	- 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
City: Chuluota	State: F/	ZIP Code:
Phone #: % 407 - 339 - 542	14 Fax#: 407-339	7490
E-Mail Address: N/Q	the appear on the property of the party of t	a company to proper to a company of the second of the seco
SAMPLE INFORMATION (to be completed by se	impler)	
Sample Number: OO 1	Location Code (if known):	
Sample Date: 05/18/07	Sample Time:	1:00 PM
Sample Location (be specific): 390 Lk Lanell		,
Disinfectant Residual (Required when reporting res	sults for trihalomethanes and haloacetic acids):	15 ma/L Field pH: AC
Sample Type (Check Only One)	Reason(s) for Sample (c	•
Distribution	Routine Compliance (with 62-550)	Quarterly (Which Or?
Entry Point (to Distribution)	Confirmation of MCL Exceedence*	Special (not for compliance with 62-550)
Plant Tap not for compliance with 62-550)	Composite of Multiple Sites**	Violation Resolution
\	[Clearance (permitting)	(Replacement (of Invalidated Sample)
	Other	
	ampling Procedure Used or Other Com	ments:
Near First Customer	matricus marticus	AAAA
"See 62-550.500(6) for requirements and r Note: See 62-550.512(3) for additional re		O(4) for requirements and its page for each site.
for Nitrate or Nitrite MCL exceedence		
Sampler's Name: Terry McCo	otby	
Sampler's Phone #: C/O 407-330	5484 Sampler's Fax#: L	107-330-7400
Sampler's E-Meil Address: NA		
CERTIFICATION (to be completed by sampler)		,
1. Terry mocarthy	LubrerTreat	t Oper
do HEREBY CERTIFY that the above public wa	i ater system and sample collection infor	mation is
completed and correct.		· · · · ·
Signature: June Marky	Date: 6/1	3/07
Reporting Format 62-550.730	Effective January 1995, Revised January 2004	/

ATTACH A CURRENT DOH ANAL		De completed by lab - Please type or prin	nt legibly)						
		tories, Inc. Florida Certification	on #: E96080						
Address: 5600 US 1 N		A TANK THE PERSON NAMED IN COLUMN TO A TANK THE PERSON NAMED IN COLUMN THE PERSON							
	FL 34946								
		Date Sample(s) Received::							
PWS ID (From Page 1): 35	X90186	Sample Number (From Page 1):	001						
Lab Assigned Report Number	r or Job ID:	2128711001							
Group(s) Analyzed and Resu	its attached for complian	ce with Chapter 62-550, F.A.C. (Check all that apply):						
Inorganics	Synthetic Organics	Volatile Organics	Disinfection Byproducts						
[_]All 17	[_]Alt 30	[All 21	[v]Trihalomethanes						
[_]Partial	All Except Dioxin	Partial	Haloacetic Acids						
Nitrate	, Partial		[]Bromate						
Nitrite	Dioxin Only	Radionuclides	Chlorite						
Asbestos Only		Single Sample Qtrly Composite**	Secondaries						
Were any analyses subcontra	acted? Yes	(No	Partial						
If yes, please provide DOH co		D LAB	•						
	CERT	TEICATION							
I, Cindy Crome	1	Laboratory	Director						
(Print Name) do HERERY CERTIES that a	ll attached analytical data	Print) a are correct and unless noted med	•						
National Environmental Labor	-		or an radoxemonta or 1116						
Signature	ame	Date: 08-Ju	∿ 07						
~~			or the attached enalysis results will result						
in rejection of the report, possible et		water system for failure to sample, and n							
Bureau of Laboratory Services. ** Please provide radiological samp	ie dates Jocations for each qu	tarter.							
COMPLIANCE DETERMINA	TION (to be completed by DE	P or DOH)							
Sample Collection Info Satisfa	ectory: Yes N	o Sample Analysis Info	Satisfactory: Yes No						
[]Replacement Sample(s) R	lequested (circle or highlight g	roup(s) above) Revised Report Re	quested (circle or highlight group(s) above)						
Additional Monitoring Requ	Uited (circle or highlight group(s) above)							
	llyte Sheet(s)	Detection(s) Location Unsatisfactory	☐ Incomplete Report ☐ JAnalysis Unsatisfactory						
Person Notified:		Date Notifie	d:						
Comments:									
Date Reviewed:	DEP/	DOH Reviewing Official:							
	Reporting Format 52-550.730	Effective Jenuary 1995, Revised January 2004							

HARBOR BRANCH ENVIRONMENTAL ABORATORIES. INC. 5600 U.S. I North, Fort Phone R. B41 Phone 1772: 465-3400, Crt. 285

DISINFECTION BYPRODUCTS ANALYSES 62-550.310(3)

Client;

Aqua Utilities Florida, Inc.

Report Number/ Job ID

Chuluota THM

Sample Location:

390 Lk Lanelle Grab

Disinfectant Residual (mg/L

Sample Number:

2128711001

PWS ID

3590186

Sampling Date:

5/18/07 13:00

Date Received:

5/18/07 14:58

Contam

ID

Contam Name

MCL

Analysis Units Result

Analytical Qualifier Method

· Lab MDL

Date Time

Analysis Analysis DOH La

Cert.#

2941	Chloroform	[N/A]	ug/L	22	EPA 524,2	0.25	5/31/07	12:39 AM E	96080
2942	Bromoform	NIA	ug/L	47	EPA 524,2	0.41	5/31/07	12:39 AM E	
2943	Bromodichipromethene	[N/A]	ug/L	34	EPA 524.2	0.25	5/31/07	12:39 AM E	
2944	Dibromochloromethane	[N/A]	ug/L	75	EPA 524.2	0.30	5/31/07	12:39 AM E	
2950	Total Trihalomethanes	[80]	η σ /Γ	178	EPA 524.2	0.25	5/31/07		96080

OTE: Do not round values. Report results to the accuracy, precision, and sensitivity of the analytical method used.

porting Format 62-550,730 ottive January 1995, Revised January 2007

anulis must be reported with appropriate qualifiers in accordance with Florida Administrative Code Rule 62-160, Table 1. Results Qualified with A. F. H. N. C. T. Z. T. and accompanied by written justification and will be evaluated on a case by case basis. To id a monitoring violation, unacceptable results must be replaced with acceptable results from samples collected during this same monitoring period.

2 US 1 North Pierce, FL 34946 H# E96080

4155 St. Johns Pkwy, Suite 1300 Senford, FL 32771

FDOH # E83509

3d: 8/8/07



307 Coolidge Avenue Lehigh Acres, FL 33936 FOOH # £85370

16331 Cortez Blvd. Brooksville, FL 34601 FDOH # E84418

PUBLIC WATER SYSTEM INFORMATIO	N (to be completed by sampler - Please type or a	rint legibly)
System Name: Chuluotou		* */
System Type (check one) Commun		
Address: Ave H / Brumle		, , , , , , , , , , , , , , , , , , , ,
city:_Chuluata	Slate: FJ.	ZIP Code: 38750
Phone #: 0/0 407-389-514	84. Fax#: 407-33	9-7490
E-Mail Address: N/A	and the same of th	7
SAMPLE INFORMATION (to be completed by		The same to the sa
Sample Number:		Security of the security of th
	Sample Time:	
Sample Location (be specific): 803 Mazur		
Disinfectant Residual (Required when reporting	results for (rihalomethanes and haloacetic acids):	15 mg/L Field pH: 7A
Sample Type (Check Only One)	Reason(s) for Sample (C	
Distribution	Routine Compliance (with 62-550)	CiQuarterly (Which Qu?
Entry Point (to Distribution)	[Confirmation of MCL Exceedence*	Special (not for compliance with 62-550)
Plant Tap not for compliance with 62-550)	Composite of Multiple Sites**	Violation Resolution
Raw (at well or intake)	Clearance (permitting)	Replacement (of invalidated Sample)
Max Residence Time		وينسب د د دوسيد را پریو د داردد د سا
Ave Residence Time	Sampling Procedure Used or Other Com	iments;
Near First Customer *See 62-550,500(6) for requirements at Note: See 62-550,512(3) for additional for Nitrate or Nitrite MCL exceeds	i requirements attach a resu	O(4) for requirements and its page for each site.
Sampler's Name:erru McCo	acthu	
Sampler's Name: <u>Jerry McCr</u> Sampler's Phone #: <i>C/o 407-339</i>	-5424 Sampler's Fax #: 44	17- 330- 7400
Sampler's E-Mall Address: _N/A-		
CERTIFICATION (to be completed by sampler)		
Terry McCarthy Print Name	uher In	act_Oper
do HEREBY CERTIFY that the above public completed and correct.	water system and sample collection infor	mation is
Signature: Lan Martin	Date: 6/13	12-2
Reporting Format 62-850.7	30 Effective January 1985, Revised January 2004	

Addition: Reason(s):			Detection(s)	[]Incomplete Report
	al Monitoring Re	quired (circle or highligh) gro (ceeded	eupis) above)	
Replace	ment Sample(s)	Requested (circle or highli	ghi group(a) above) Revised Report Re	equested (circle or highlight group(s) above
			No Sample Analysis Info	
COMPLIAN	ride rediological ser ICE DETERMIN	nple dates Jocations for eac ATION (to be completed b		
in rejection of	the report, possible coratory Services.	enforcement against the po	ication number and a current Analyte Sheet fi iblic water system for failure to sample, and r	or the attached analysis results will result hay result in notification of the DOH
Signature	سيميي	mand Florida DOU lab contr	Date: <u>08-Ju</u>	
National Er	Y CERTIFY mail vironmental Lal	all attached analytical operatory Accreditation C	, ,	et all requirements of the
·	(Print Name)		{Prin	(T/le)
I	Cindy Cror			y Qirector
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	THE SHEE		ERTIFICATION	•
If yes, plea	SE provide DOH	certification numbers: I FOR EACH SUBCONTRA	CTED LAD	10 manufacture
		tracted? Yes	•	Partial
Mac		5	☐ Qtrly Composite™	All 14
	Asbestos Only		Single Sample	Secondaries
()	Nitrite	Dioxin Only	Radionuclides	Chlorite
	Nitrate	☐ Partial	——————————————————————————————————————	Bromate
*****	Partial Partial	All Except Dioxin	***************************************	Haloacetic Acids
	All 17	MAI 30	All 21	Disinfection Byproducts Children Byproducts
	organics	Synthetic Organics		
		4, 250	pliance with Chapter 62-550, F.A.C.	•••
	ned Report Num		2128711002	- 000
		590186	Sample Number (From Page 1)	· · · · · · · · · · · · · · · · · · ·
ANALYSI	s informatio	N (to be completed by lab)	Date Sample(s) Received::	5/18/07
	Fort Plens	e, FL 34946	Phone #:(7	72) 465-2400 Ext. 285
Address:	5600 US	North	Certification Expiration	Date: 06/30/2007
	: Harbor Br		boratories, Inc. Florida Certifica	tion #:E96080

HARBOR BRANCH ENVIRONMENTAL ABORATORIES. INC. 3500 U.S. I North Fort Plants FL 34946 Phone (778) 463-2400, Crt. 285 Pare (772) 467-1694

DISINFECTION BYPRODUCTS ANALYSES 62-550.310(3)

Client:

Aqua Utilities Florida, Inc.

Report Number/ Job ID

Chuluota THM

Sample Location:

803 Mazurka Grab

DisInfectant Residual (mg/L

Sample Number:

2128711002

PWS ID

Sampling Date:

5/18/07 13:30

Date Received:

5/18/07 14:56

Contam

Contam Name 10

MCL

Analysis Units Result

Analytical Qualifier Method

Lab MDL

Date

Analysis Analysis DOH La

Time Cert. #

2941	Chloroform	[N/A]	ug/L	12	EPA 524.2	0.25	5/31/07	1:13 AM	E96080
2942	Bromoform	[N/A]	υg/L	48	EPA 524.2	0.47	5/31/07	MA E1:1	E96080
2943	Bromodichloromethane	[N/A]	ug/L	29	EPA 524.2	0.25	5/31/07	1:13 AM	E96080
2944	Dibromochloramethene	(N/A)	ug/L	5 7	EPA 524.2	0.30	5/31/07	1:13 AM	E96080
2950	Total Trihalomathenes	(BO)	ug/L	156	EPA 524.2	0.25	5/31/07	1:13 AM	ESSORO

VOTE: Do not round values. Report results to the accuracy, precision, and sensitivity of the analytical method used.

importing Format 82-550,730 fiethivo January 1995. Revised January 2007

Results must be reported with appropriate qualifient in accordance with Florida Administrative Code Rule 62-180. Table 1. Results Qualified with A. F. H. N. O. T. Z. 2. 1. size Teach the complete was participated with a L. Q. R. of Y must be accompanied by written justification and will be setulated and as a date by case basis. To old a monitoring violation, unacceptable results must be replaced with acceptable results from samples collected during the same monitoring ported.

00 US 1 North 1 Pierce, FL 34946 OH # E96080

4155 St. Johns Pkwy, Suite 1300 Sanford, FL 32771 FDOH # E83509

307 Coolidge Avenue Lehigh Acres, FL 33936 FDOH # E85370

16331 Cortez Blvd. Brooksville, FL 34601 FDOH # E84418

sted: 8/8/07

Public Water System Information (to b	a completed by sampler)									
System Name: Chuluo	ta	vs 10 #359008G								
System Type (check one): Commun Address: 118 Ttb 5+	ity	OTrensient Noncommunity								
City:	State: FL /407-389-5424Fex #: 35	ZIP Code: 32766 2-787-6233/407-339-7490								
Sample Information (to be completed by Sample Number: 46984DW) Sample Date: Sample Location (be specific): Disinfectant Residual (required when rep	Location Code (If keeps Sample Time:	nown): 390 Lk. Lanelle AM PM (circle one) cids): 1.5 mg/L Field pH: 7.8								
Sample Type (check only one) Distribution Entry Point (for Distribution) Plant Tap (not for compliance with 52-550) Rew (at well or inteke)	Routine Compliance (with 62-550) Confirmation of MCL Exceedance * Composite of Multiple Sites **	Chack all that apoly) Counterly (which quarter?) Special (not for compliance with 62-550) Violation Resolution Replacement (of invalidated asmple)								
☐ Avg Residence Time ☐ Near First Customer	Sampling Procedure Used or Other Comm	arits:								
* See 62-550.500(6) for requirements and restrictions. NOTE: See 62-650.512(3) for additional requirements for nitrate or nitrate MCL exceedances. Sampler's Name: Sampler's Phone # 100 - 80 - 80 - 80 - 80 - 80 - 80 - 80										
(to be completed by a (Print Name)	samples)	(Print Title)								
do HEREBY CERTIFY that the above pub	lic water system and collection informa	tion is complete and correct.								
Signature:		Date:								

Laboratory Certification	tatarmation (to be comple	ted by lab)	
Lab Name: Flowers Ch	emical Laboratories, Inc.	Florida Certific	cation #: E83018
Address: P. O. Box 15	0597	Certification E	expiration Date: 6/30/2008
Altemonte Sp	orings, FL 32715-0597	Phone #: 407	
Analysis Information	(to be completed by lab)	Report Numbe	er: 46984
Sample Number: 4698	4DW1	Date Sample	Received: 08/24/07
Group(s) analyzed and	results attached for compliance	with Chapter 62-550, F.A.C. to	check all that apply)
Inorganics.	Volatile Organics	Radiopuclidas.	Disinfaction Rypmducts
DAII 17	□All 21 □Partisi	Single Sample	Trihalomethanes
Partial		Otrly Composite**	Haloacetic Acids
Nitrate		Composite	· · · · · · · · · · · · · · · · · · ·
Nitrite	Carathasia Osas aisa		☐ Bromate
Asbestos	Synthetic Organics	Secondaries CO	☐ Chiorite
☐ Asbestos	□All 30 □Partial	☐All 14 ☐ Partiel	
		Certification	ach result provided by that lab).
	ments of the National Environme		
•			•
analysis results will res	iid and current Florida Dept. of Heali uit in rejection of the report and pos nemical sample dates and locations	saible enforcement against the publi	lyte Sheet for the atteched ic water system for fallure to sample.
Compliance Determine	tion (to be comple	ited by DEP or DOH)	
Sample Collection Info	* * * * * * * * * * * * * * * * * * * *	Sample Analysis Into Sati	
	l (circle or highlight groups abov	e) Revised Report Reques	ted (circle or highlight groups above)
Reason(s): Clincompi		cation Unastisfactory	Analysis Unsatisfactory
		-	are Monitori
DOTO VOLIONOO:	DEP/DUH Reviewi	ng Official:	

Disinfection Byproducts: 62-550.310(3) Lab ID: 46984DW1 PWS ID: Chuluota Sample ID: 390 Lk. Lanelle

Contar	n			Analysis		Analytical	Lab	Analysis	Analysis	DOH Lab		
<u>ID</u>	Contam Name	ontam Name MCL Uni		Units Result		Method	MDL	Date	Time	Cert #		
2450	Monochloroacetic Acid	N/A	ug/L	2.00	Ū	EPA552.2	2.00	08/28/07	08/28/07			
2451	Dichloroacetic Acid	N/A	ug/L	8.80		EPA552.2	2.00	08/28/07		E83018		
2452	Trichloroscetic Acid	N/A	ug/L	5.54		EPA552.2	0.500	08/28/07		E83018		
2453	Monobromoscetic Acid	N/A	ug/L	1.00	U	EPA552.2	1.00	08/28/07		E83018		
2454	Dibromoacetic Acid	N/A	ug/L	14.1		EPA552.2	0.500	08/28/07		E83018		
2456	HAA5	60	ug/L	28.4		EPA552.2	0.500	08/28/07		E83018		
2941	Chloroform	N/A	ug/L	13.6		EPA502.2	0.500	08/28/07		E83018		
2942	Br <i>o</i> moform	N/A	ug/L	29.1		EPA502.2	0.500	08/28/07		E83018		
2943	Bromodichloromethane	N/A	ug/L	30,2		EPA502.2	0.500	08/28/07		E83018		
2944	Dibromochloromethane	N/A	ug/L	59.0		EPA502.2	0.500	08/28/07		E83018		
2950	Total Trihalomethanes	80	ug/L	132		EPA502.2	0.500	08/28/07		E83018		

HARBOR BRANCH ENVIRONMENTAL ABORATORIES, INC.

Date issued: February 28, 2007

To:

Brian Heath

Aqua Utilities Florida, Inc.

140 Hope Street

Longwood, FL 327505141

Client:

Agua Utilities Florida, Inc.

Workorder ID: Chuluota THM

Received:

2/08/07 13:13

[2127883]

Dear Brian Heath:

Analytical results presented in this report have been reviewed for compliance with the HARBOR BRANCH Environmental Laboratories Inc.'s (HBEL) Quality Systems Manual and have been determined to meet applicable Method guidelines and Standards referenced in the July 2003 National Environmental Laboratory Accreditation Program (NELAP) Quality Manual unless otherwise noted. The Analytical Results within these report pages reflect the values obtained from tests performed on Samples As Received by the laboratory unless indicated differently.

FDOH Safe Drinking Water Act, Clean Water Act and RCRA Certification #s: E96080, E83509, E85370, E84418

Questions regarding this report should be directed to the Report Signatory at (772) 465-2400, Ext. 285 referencing the HBEL Workorder ID [Number].

Respectfully submitted.

Cindy Cromer

Technical Director or Designee

Note: This report is not to be copied, except in full, without the expressed written consent of the HARBOR BRANCH Environmental Laboratories, Inc.

5600 US 1 North Fort Pierce, FL 34946 FDOH # E96080

4155 St. Johns Pkwy Suite 1300 Sanford, FL 32771 FDOH # E83509

307 Coolidge Avenue Lehigh Acres, FL 33936 FDOH # E85370

16331 Cortez Blvd Brooksville, FL 34601 FDOH # E84418

Printed: 2/28/07

Page 1 of 4

HARBOR BRANCH ENVIRONMENTAL LABORATORIES, INC. 5600 U.S.) North Fort Plence (7) 34946 Phone: (772) 468-2400. Ext 288 Page (772) 467-584

Quality Control Summary

Client:

Aqua Utilities Florida, Inc.

Workorder ID: Chuluota THM

Received:

2/08/07 13:13

[2127883]

MB=Method Blank LCS=Laboratory Control Sample LCSD=Laboratory Control Sample Duplicate MS=Matrix Spike MSD=Matrix Spike Duplicate DUP=Sample Duplicate

HBEL Sample

Method Narratives (If Applicable)

Number

Sample ID Analytical Method Description

Quality Control Summary

Method HBEL Batch Analyte

Analytical Issue

HARBOR BRANCH ENVIRONMENTAL LABORATORIES, INC.

CERTIFICATE OF ANALYSIS [2127883]

Client: Aqua Utilities Florida, Inc.

Workorder ID: Chuluota THM

Parameter	Qualitier	Result	Units	Reporting Limit	Method	Laboratory Batch	Prep Date/Time	Analyzed Date/Time	Analyst	Lab ID
	2127883001			_	Sampled: 02/08/07	11:30	Received:	02/08/07	13:13	
Sample ID:	390 Lk Lane	ile Grab			Matrix: Water	Results	reported on \	Wet Weight E	3asis	
Bromodichtorometha	ané	35	ug/L	0.25	EPA 524.2	VOC2759		02/19/07 20:53		E96080
Bromoform		44	ug/L	0.41	EPA 524.2	VOC2759		02/19/07 20:53	WR	E96080
Chloroform		17	ug/L	0.25	EPA 524,2	VOC2759		02/19/07 20:53	WR	E96080
Dibromochlorometha	ane	71	ug/L	0.30	EPA 524.2	VOC2759		02/19/07 20:53	WR	E96080
Total THMs		170	∪ g/L .	0.25	EPA 524.2	VOC2759		02/19/07 20:53	WR	E96080
	2127883002 803 Mazurka	Grab	··· ·		Sampled: 02/08/07 Matrix: Water			02/08/07		
Bromodichiorometha		33	ug/L	0.25	!	VOC2759	reported on V	vet weight E 02/19/07 21:26		
Bromoform		44	ug/L	0.41		VOC2759		02/19/07 21:26		E96080
Chloroform		11	ug/L	0.25		VOC2759		02/19/07 21:26		E96080
Dibromochlorometha	ıne	68	ug/L	0.30		VOC2759		02/19/07 21:26		E96080
Total THMs	#nc	160	nâ\r nâ\r	0.25		VOC2759		02/19/07 21:26		E96080 E96080
	2127883003 Trip Blank	· ·			Sampled: Matrix: Water	Docuito.	Received:			
Bromodichlorometha	•	0.25 U	l and	0.25	1	VOC2759	reported on V			i
Bromotorm	RIA		ug/L		. ,			02/19/07 22:00		E96080
		0.41 U	ug/L	0.41		VOC2759		02/19/07 22:00	•	E96080
Chloroform Dibromochlorometha		0.25 U	ug/L	0.25		VOC2759		02/19/07 22:00		E96080
	in o	0.30 U	ug/L	0.30		VOC2759		02/19/07 22:00	• • • •	E96080
Total THMs		0.25 U	ug/L	0.25	EPA 524.2	VOC2759		02/19/07 22:00	WR	E96080

¹Result Qualifiers: U = Not Detected I = Analyte detected between the Laboratory Method Detection Limit and Laboratory Reporting Limit Applicable Florida Department of Environmental Protection Qualifiers defined below. Statement of Estimated Uncertainty available upon request.

Printed: 2/28/07



HARBOR BRANCH ENVIRONMENTAL LABORATORIES, INC.

5600 US I North. Fort Plerce. FL 34946 Phone: (772) 465-2400, Ext 285 Fex: (772) 467-1584

Chai	n-	Ċ	f-C	Ju	sto	dy
	.,			٧.	٠,	

Agreement to Perform Services

USE BALL POINT PEN. Laboratory not responsible for omitted information

_FDOH # E96080

____FDOH # E85370

307 Coolidge Avenue

PRESS HARD. ...

COMPLETELY FILL OUT 5800 U.S. 1 North

ALL NON GREYED AREAS For Pierce, FL 34946

	Phon	e: (772) 465	5-240X	3. Ext.	285	4346 Fex: (772) 467-IS8	Agreement to Perform Service	<u>s_</u>	AL	LNON	GRE	YED A	REAS	Fort	Pierce, I	FL 34946 Lehig	h Acres, FL 33936
Compa	any: A	WA V	tic				Method(s) of Shipment:	-	ــــــــــــــــــــــــــــــــــــــ	SEL THE	NI LI	GIBLY	<u> </u>	4155	St. John	E83509	_FDOH # E84418 11 Cortez Blvd.
Addres	15: <u>140</u>	HOPE	<u>ڪ -</u>	<u> </u>								髓		Suite	1300 rd, FL 3	Broo	oksville, FL 34801
01	LONG	DOOD	FL		_ Zip	: 32750	e-mail:	lemo	Seature.	On Cu	r Lab	Use (
Phone:	407-83	9-54	24	Fax	α:		Standard Laboratory		cked		intac			Ohick	4	LAB #22	1000
	Client Contact: BILL 7:						Turn Around Time	PRESERVATIVE						TROPE,	N GE SE		
Project Name: CHULUOTA					Or					<u> </u>		1		Heltydrochioric Acid	TUON Key P=Phosphoric Acid		
							Rush in Business Days	9853574	10.32			REQU				N-Nitric Acid	ST-Sodium
Sample	d By:	TEN	7 1	141	RTH	y	Requires Laboratory Approval		-	区层	7	<u> </u>	dista:		1340	9-Sulturic Add	Thiosultine
	COLLE		Ti	T.	T		LE DESCRIPTION	2	Ì							SH-Sodium Hydroxide	U-Unpreserved
LAB ID		1	1 5	š	٤	SAME	LE DESCRIPTION	HM		1 1		i					
	DATE	TIME	Semp	MATRIX	Contr	As Wi	Il Appear On Report	1								COMM	IENTS
001	2/8/07	1130	G	DW	3	390 LK	LANELLE	X		-						41	
002	2/8/07	1200	6	DW	3	803 MA		X								Cla 1.3	pH 8.3
003			1	1	3			1~]								Cl 2 1.5	oH 8.1
	1		-	-	2	Mellan	Ker aldel by	1								_	
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	Carraia Tura																
	Sample Type RELINQUISHE						Metrik: S-Schid, SL-Shudge DW-	Orinkino V	Nater (3W≟Gro	und W	ater SV	v-Surfe	N. May	w. WW.	Wastewater Mild	ine
			21	1 Car	14	RE	LINQUISHED BY					JISHED		120	016	7 7 2	
T A P	DATE/TIME 2/8/97 /27.5 OF							3/3			ATE/TH		$\overline{}$	2	17		TAX
195	DATESTIME DE SOUT WAS						TEITIME CARDO			R	RECEIVED FOR HIBEL COSTODY BY						
· · · · · · · · · · · · · · · · · · ·			<u>~_′</u>	·		3	TEITIME 2-1-17	223	5	þ	ATE/TII	ME		·		(2) (2)	1005

PUBLIC WATER SYSTEM INFORMATION (to be completed by sampler - Please type or print legibly)						
System Name: Chalacta PWS I.D. #: 3 5 4 6 1 8 4						
System Type (check one) Community Nontransient Noncommunity Transient Noncommunity						
Address: 118 F 7th Street						
City: Chriticato State: Fl ZIP Code:						
Phone #: 407-339-5484 Fax #: 407-339-7490						
E-Mail Address: N/13						
SAMPLE INFORMATION (to be completed by sampler)						
Sample Number: CO L Location Code (if known):						
Sample Date: 02/08/07 Sample Time: 11:30 AM						
Sample Location (be specific): 390 Lk Lanelle Grab						
Disinfectant Residual (Required when reporting results for trihalomethanes and haloacetic acids): 13 mg/L Field pH: 63						
= 						
Sample Type (Check Only One) Reason(s) for Sample (Check all that apply)						
Distribution Routine Compliance (with 62-550) Quarterly (which Qtr? 191)	_					
Entry Point (to Distribution) [Confirmation of MCL Exceedence* [Special (not for compliance with 62-55	O)					
Plant Tap not for compliance with 62-550) [Composite of Multiple Sites** Violation Resolution						
Raw (at well or intake)	!)					
Max Residence Time Other: Sampling Procedure Used or Other Comments:						
Near First Customer						
*See 62-550.500(6) for requirements and restrictions. Note: See 62-550.512(3) for additional requirements for Nitrate or Nitrite MCL exceedences. ** See 62-550.550(4) for requirements and attach a results page for each site.						
Sampler's Name: Terry McCarthy						
Sampler's Name: Terry McCarthy Sampler's Phone #: 96 467-339-5484 Sampler's Fax #: 467-339-7496						
Sampler's E-Mail Address: N/A						
CERTIFICATION (to be completed by sampler)						
1. Terry McCactby Littler Trest Cper						
do HEREBY CERTIFY that the above public water system and sample collection information is						
completed and correct.						
Signature: June Million th Date: 3/5/07						
Reporting Format 62-550.730 Effective January 1995, Revised January 2004						

LABORATORY CERTIFICATION INFORMATION (N	o be completed by lab - Please type or print legibly)						
ATTACH A CURRENT DOH ANALYTE SHEET							
Lab Name: Harbor Branch Environmental Labora	atories, Inc. Florida Certification #: E96080						
Address: 5600 US 1 North	Certification Expiration Date: 06/30/2007						
Fort Pierce, FL 34946	Phone #: (772) 465-2400 Ext. 285						
ANALYSIS INFORMATION (to be completed by lab)	Date Sample(s) Received:: 2/8/07						
PWS ID (From Page 1): 35901816	Sample Number (From Page 1): CC 1						
Lab Assigned Report Number or Job ID:	2127883001						
Group(s) Analyzed and Results attached for complia	ince with Chapter 62-550, F.A.C. (Check all that apply):						
Inorganics Synthetic Organics	Volatile Organics Disinfection Byproducts						
[All 17 All 30	All 21 X Trihalomethanes						
Partial All Except Dioxin	Partial Haloacetic Acids						
	Bromate						
Nitrite Dioxin Only	Radionuclides Chlorite						
Asbestos Only	Single Sample						
- Asbestos Only	Otrly Composite**						
Were any analyses subcontracted? Yes	X No						
,,	Partial						
If yes, please provide DOH certification numbers: ATTACH DOH ANALYTE SHEET FOR EACH SUBCONTRACT	red LAB						
CER	RTIFICATION						
I, Cindy Cromer	Laboratory Director						
(Print Name)	(Print Title)						
•	ata are correct and unless noted meet all requirements of the						
National Environmental Laboratory Accreditation Conference (NELAC).							
Signature Date: 28-Feb-07							
	ation number and a current Analyte Sheet for the attached analysis results will result						
in rejection of the report, possible enforcement against the public water system for failure to sample, and may result in notification of the DOH Bureau of Laboratory Services.							
** Please provide radiological sample dates Jocations for each quarter.							
COMPLIANCE DETERMINATION (to be completed by	DEP or DOH)						
Sample Collection Info Satisfactory: Yes	No Sample Analysis Info Satisfactory: [iYes						
Replacement Sample(s) Requested (circle or highlight group(s) above) Revised Report Requested (circle or highlight group(s) above)							
Additional Monitoring Required (circle or highlight group	p(s) above)						
Reason(s):MCL(s) Exceeded	Detection(s) Incomplete Report						
Missing Analyte Sheet(s)	Location Unsatisfactory [Analysis Unsatisfactory						
Other:							
Date Notified:							
Date Reviewed: DEP/DOH Reviewing Official:							
Reporting Format 62-550.730 Effective January 1995, Revised January 2004							

HARBOR BRANCH ENVIRONMENTAL LABORATORIES, INC.

DISINFECTION BYPRODUCTS ANALYSES 82-550.310(3)

Client:

Aqua Utilities Florida, Inc.

Report Number/ Job ID

Chuluota THM

Sample Location:

390 Lk Lanelle Grab

Disinfectant Residual (mg/L

Sample Number:

2127883001

PWSID

35401E1

Sampling Date:

2/08/07 11:30

Date Received:

2/08/07 13:13

Contam

Analysis

Analytical

Analysis

Analysis DOH La

ID Contam Name MCL

Units Result

Qualifier Method

Lab MDL

Date Time Cert.#

2941	Chloroform	[N/A]	ug/L	17	EPA 524.2	0.25	2/19/07	8:53 PM	E96080
2942	Bromoform	(N/A)	ug/L	44	EPA 524.2	0.41	2/19/07	8:53 PM	E96080
2943	Bromodichioromethane	[N/A]	ug/L	35	EPA 524.2	0.25	2/19/07	8:53 PM	E96080
2944	Dibromochloromethane	[N/A]	ug/L	71	EPA 524.2	0.30	2/19/07	8:53 PM	E96080
2950	Total Trihalomethanes	[80]	ug/L	167	EPA 524.2	0.25	2/19/07	8:53 PM	E96080

NOTE: Do not round values. Report results to the accuracy, precision, and sensitivity of the analytical method used.

Reporting Format 62-550,730 Iffective January 1995, Revised January 2007

Results must be reported with appropriate qualifiers in accordance with Florida Administrative Code Rule 62-160, Table 1. Results Qualified with A, F, H, N, Q, T, Z, ?, *, are nacceptable for compliance with 82-550. Results qualified with a J. Q. R. or Y must be accompanied by written justification and will be evaluated on a case by case basis. To void a monitoring violation, unacceptable results must be replaced with acceptable results from samples collected during the same monitoring period.

100 US 1 North VI Pierce, FL 34946 70H # E96080

4155 St. Johns Pkwy, Suite 1300 Sanford, FL 32771

FDOH # E83509

nted: 2/28/07



307 Coolidge Avenue Lehigh Acres, FL 33936 FDOH # E85370

16331 Cortez Blvd. Brooksville, FL 34601 FDOH # E84418

PUBLIC WATER SYSTEM INFORMATION	(to be completed by sampler - Please type or p	rint legibly)			
System Name: Chulucto	PWS I.D. #	3546184			
System Type (check one) Community	Nontransient Noncommunity	Transient Noncommunity			
Address: 118 E.74h 5	treet	•			
		<u>-</u>			
city: Chulcota	State: F1	ZIP Code:			
Phone #: 407-330-5424	Fax#: 407-3	39-7490 <u> </u>			
E-Mail Address: NA					
SAMPLE INFORMATION (to be completed by	sampler)				
Sample Number: CCA					
Sample Date: 02/08/07		12:00 PM			
Sample Location (be specific): 803 Mazurk	, <u> </u>				
Disinfectant Residual (Required when reporting	entropy of a substitution of the state of	15 mail Field of S			
Sample Type (Check Only One)	Reason(s) for Sample (C				
Distribution Entry Point (to Distribution)	Routine Compliance (with 62-550) Confirmation of MCL Exceedence*	Cuarterly (Which Otr? 154			
Plant Tap not for compliance with 62-550)	Composite of Multiple Sites**	Special (not for compliance with 62-550) Violation Resolution			
Raw (at well or intake)	Clearance (permitting)	Replacement (of Invalidated Sample)			
∑iMax Residence Time	Other:				
Ave Residence Time	Sampling Procedure Used or Other Comments:				
Near First Customer					
*See 62-550.500(6) for requirements and restrictions. Note: See 62-550.512(3) for additional requirements for Nitrate or Nitrite MCL exceedences. ** See 62-550.550(4) for requirements and attach a results page for each site.					
Sampler's Name: Terry McO	acthy				
Sampler's Phone #: C/c 407.339	-5434 Sampler's Fax #: 4	107-339-7490			
Sampler's E-Mail Address: _N/ 🕰		~-			
CERTIFICATION (to be completed by sampler)					
1. Terry McCarthy Print Name	Lighter Ti	CCF_Cpcr			
do HEREBY CERTIFY that the above public	water system and sample collection info	mation is			
completed and correct.	,	,			
Signature: Jung The Courty	• /	107			
Reporting Format 62-550.7	30 Effective January 1995, Revised Jenuary 2004				

	ERTIFICATION INFORMATION (10 ODH ANALYTE SHEET	be completed by lab - Please type or print	legibly)
		ntories, Inc. Florida Certificatio	n#: E96080
24 4 12 12		Certification Expiration Da	, , , , , , , , , , , , , , , , , , , ,
<u>Fo</u>	ort Pierce, FL 34946		2) 465-2400 Ext. 285
ANALYSIS INFOR	MATION (to be completed by lab)	Date Sample(s) Received::	2/8/07
	1): 354C1Elo	Sample Number (From Page 1):	008
	ort Number or Job ID:		
	···	nce with Chapter 62-550, F.A.C. (C	heck all that apply):
Inorganics		Volatile Organics	Disinfection Byproducts
; jAll 17	All 30	∏Alī 21	X Trihalomethanes
Partial	All Except Dioxin	Partial	Haloacetic Acids
Nitrate	Partial		Bromate
Nitrite	Dioxin Only	Radionuclides	Chlorite
Asbesto	s Only	Single Sample	Secondaries
		Qtrly Composite**	All 14
Were any analyses	subcontracted? Yes	X No	Partial
If yes, please provi	de DOH certification numbers:		i it anddi
ATTACH DOH ANALY	TE SHEET FOR EACH SUBCONTRACTI	ED LAB	77 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
	CER	TIFICATION	
	ndy Cromer	,Laboratory	
do HEREBY CERT	int Name) "IFY that all attached analytical dat ental Laboratory Accreditation Con	(Print) a are correct and unless noted mee ference (NELAC).	•
Signature (Cining Come	Date: 28-Fel	b-07
in rejection of the repor Bureau of Laboratory S ** Please provide radio	rt, possible enforcement against the public Services. Rogical sample dates Jocations for each q	ion number and a current Analyte Sheet for water system for failure to sample, and m warter.	the attached analysis results will result
	TERMINATION (to be completed by D		
	Info Satisfactory: Yes	,	• • •
		group(s) above) i Revised Report Rec	quested (circle or highlight group(s) above)
	loring Required (circle or highlight group)	(s) above)	
M	ICL(s) Exceeded fissing Analyte Sheel(s) ther:	Detection(s) Location Unsatisfactory	☐ Incomplete Report ☐ Analysis Unsatisfactory
TEISON NOMBO.		Date Notified	
Comments:			
Date Reviewed:		/DOH Reviewing Official:	
	Reporting Format 62-550.73	0 Effective January 1995, Revised January 2004	

HARBOR BRANCH ENVIRONMENTAL ABORATORIES. INC. 5500 U.S. I North, Fort Place FL 34946 Phone (772) 465-2400, Ext. 285 Fex: (772) 467-584

DISINFECTION BYPRODUCTS ANALYSES 62-550.310(3)

Client:

Aqua Utilities Florida, Inc.

Report Number/ Job ID

Chuluota THM

Sample Location:

803 Mazurka Grab

MCL

Disinfectant Residual (mg/L

Sample Number:

2127883002

PWS ID

Sampling Date:

2/08/07 12:00

Date Received:

2/08/07 13:13

Contam

ID

Contam Name

Analysis Units Result

Qualifier Method

Analytical

Lab MDL

Date Time

Analysis Analysis DOH La

Cert.#

2941	Chloroform	[NA]	ug/L	11	EPA 524.2	0.25	2/19/07	9:26 PM	E96080
2942	Bromoform	[NA]	ug/L	44	EPA 524.2	0.41	2/19/07	9:26 PM	E96080
2943	Bromodichloromethane	(NVA)	ug/L	33	EPA 524.2	0.25	2/19/07	9:26 PM	E96080
2944	Dibromochloromethane	[N/A]	ug/L	68	EPA 524.2	0.30	2/19/07	9:26 PM	E96080
2950	Total Trihalomethanes	[80]	ug/L	156	EPA 524.2	0.25	2/19/07	9:26 PM	E96080

IOTE: Do not round values. Report results to the accuracy, precision, and sensitivity of the analytical method used.

Reporting Format 62-550,730 iffective January 1995, Revised January 2007

Results must be reported with appropriate qualifiers in accordance with Florida Administrative Code Rule 62-160, Table 1. Results Qualified with A. F. H. N. O. T. Z. ?. *, are nacceptable for compliance with 62-550. Results qualified with a J. Q. R. or Y must be accompanied by written justification and will be evaluated on a case by case basis. To void a monitoring violation, unacceptable results must be replaced with acceptable results from samples collected during the same monitoring period

500 US 1 North ort Pierce, FL 34946

4155 St. Johns Pkwy, Suite 1300 Sanford, FL 32771

FDOH # E83509

OH# E96080 inted: 2/28/07



307 Coolidge Avenue Lehigh Acres, FL 33936 FDOH # E85370

16331 Cortez Blvd. Brooksville, FL 34601 FDOH # E84418

PUBLIC WATER SYSTEM INFORMATION	(to be completed by sampler - Please type or pr	rint legibly)
System Name:	PWS I.D. #:	
System Type (check one)	ly Nontransient Noncommunity	Transient Noncommunity
Address:	e ay annua ay ann ann ann ann ann ann ann ann ann	min was
	and common winds consider the same of the	
City:	State:	ZIP Code:
Phone #:	Fax #:	
E-Mail Address:	A SECULIAR S	s washing the way we see a charge of
SAMPLE INFORMATION (to be completed by	sampler)	
Sample Number:	Location Code (if known):	
Sample Date:	Sample Time:	
Sample Location (be specific): Trip Blank		
Disinfectant Residual (Required when reporting	results for trihatomethanes and haloacetic acids):	
Sample Type (Check Only One)		heck all that apply)
:	Routine Compliance (with 62-550)	Quarterly (Which Otr?
Entry Point (to Distribution)	Confirmation of MCL Exceedence*	Special (not for compliance with 62-550)
Plant Tap not for compliance with 62-550)	jComposite of Multiple Sites**	Violation Resolution
Raw (at well or intake)	Clearance (permitting)	Replacement (of Invalidated Sample)
: ¡Max Residence Time	Other:	
Ave Residence Time	Sampling Procedure Used or Other Cor	nments:
Near First Customer		
*See 62-550.500(6) for requirements a Note: See 62-550.512(3) for addition for Nitrate or Nitrite MCL exceed	al requirements attach a res	50(4) for requirements and uits page for each site.
Sampler's Name:		
Sampler's Phone #:	Sampler's Fax #:	
Sampler's E-Mail Address:		ور سیست میشن دید سیان
CERTIFICATION (to be completed by sampler)		
I, Print Name		Print Title
do HEREBY CERTIFY that the above publicompleted and correct.		
Signature:	Date:	
	A 720. Effective formany 1005. Designed January 2004	

Reporting Format 62-550.730 Effective January 1995, Revised January 2004

LABORATO	RY CERTIFICATION INFORMATI	ON (to be completed by lab - Please type or print le	gibly)
ATTACH A CUF	RRENT DOH ANALYTE SHEET		
Lab Name:	Harbor Branch Environmental L	aboratories, Inc. Florida Certification	#: E96080
Address:	5600 US 1 North	Certification Expiration Date	e: 06/30/2007
-	Fort Pierce, FL 34946	Phone #: (772)	465-2400 Ext. 285
ANALYSIS II	NFORMATION (to be completed by fa-	b) Date Sample(s) Received::	2/8/07
PWS ID (From	m Page 1):	Sample Number (From Page 1):	A magazine and the second
Lab Assigned	Report Number or Job ID:		
Group(s) Ana	lyzed and Results attached for cor	mpliance with Chapter 62-550, F.A.C. (Che	ck all that apply):
Inorg	anics Synthetic Organic	s Volatile Organics	Disinfection Byproducts
All	17 All 30	[]All 21	X Trihalomethanes
[_]Pa	irtial All Except Diox	kin Partial	Haloacetic Acids
ị Ni	trate Partial		Bromate
∏ Ni	trite Dioxin Only	Radionuclides	Chlorite
√ As	bestos Only	Single Sample	Secondaries
		Utrly Composite**	iAli 14
Were any ana	alyses subcontracted? Yes	X_No	Partial
If yes, please	provide DOH certification number	S:	application and the second sec
ATTACH DOH	ANALYTE SHEET FOR EACH SUBCONT	RACTED LAB	
		CERTIFICATION	
l,		Laboratory D	irector
do HEDEBY	(Print Name) CEPTIEV that all attached analytic	Print Titl al data are correct and unless noted meet a	
	ronmental Laboratory Accreditation		air requirements or the
Signature		Date: 28-Feb-(n7
•		ertification number and a current Analyte Sheet for the	
in rejection of th	e report, possible enforcement against the	e public water system for failure to sample, and may	result in notification of the DOH
Bureau of Labor ** Please provide	ratory Services. le radiological sample dates Jocations for	each quarter.	
	E DETERMINATION (to be complete	جنائلة المستجدان التساكي والمستحد المستحد المستحد والمستحدد والمستحدد والمستحدد والمستحدد والمستحدد والمستحدد	
Sample Colle	ction Info Satisfactory: []Yes	No Sample Analysis Info Sa	atisfactory: Tyes Tho
Replacem	ent Sample(s) Requested (circle or h	ighlight group(s) above) [_]Revised Report Requ	lested (circle or highlight group(s) above)
[_]Additional	Monitoring Required (circle or highligh	it group(s) above)	
Reason(s):	MCL(s) Exceeded	Detection(s)	Incomplete Report
	Missing Analyte Sheet(s) Other:	Location Unsatisfactory	Analysis Unsatisfactory
Person Notifie		Date Notified:	
Comments:_		· 	
Date Reviewe	d:	DEP/DOH Reviewing Official:	
		2.550.730 Efforthis January 1006 Deviced January 2004	

HARBOR BRANCH ENVIRONMENTAL ABORATORIES, INC. 5600 U.S. I North, Fort Plerce FL 34946 Phone: (772) 465-2400, Ext. 285 Fee: (772) 467-584

DISINFECTION BYPRODUCTS ANALYSES 62-550.310(3)

Client:

Aqua Utilities Florida, Inc.

Report Number/ Job (D

Chuluota THM

Sample Location:

Trip Blank

Disinfectant Residual (mg/L

Sample Number:

2127883003

PWS ID

Sampling Date:

Date Received:

2/08/07 13:13

Contam

Contam Name

Analysis

Analytical

Analysis Analysis DOH La

10

MCL

Units Result

Qualifier Method

Lab MDL

Date Time Cerl. #

2941	Chloroform	[N/A]	ug/L	0.25 U	EPA 524.2	0.25	2/19/07	10:00 PM	E96080
2942	Bromoform	[N/A]	ug/L	0.41 U	EPA 524.2	0.41	2/19/07	10:00 PM	E96080
2943	Bromodichloromethane	[NVA]	ug/L	0.25 U	EPA 524.2	0.25	2/19/07	10:00 PM	E96080
2944	Dibromochloromethane	[N/A]	ug/L	0.30 U	EPA 524.2	0.30	2/19/07	10:00 PM	E96080
2950	Total Trihalomethanes	[80]	ug/L	0.25 U	EPA 524.2	0.25	2/19/07	10:00 PM	E96080

NOTE: Do not round values. Report results to the accuracy, precision, and sensitivity of the analytical method used.

(eporting Format 62-550,730 iffective January 1995, Revised January 2007

Results must be reported with appropriate qualifiers in accordance with Florida Administrative Code Rule 62-160, Table 1. Results Qualified with A, F, H, N, O, T, Z, ?, *, are naccoptable for compliance with 62-550. Results qualified with a J. Q. R. or Y must be accompanied by written justification and will be evaluated on a case by case basis. To void a monitoring violation, unacceptable results must be replaced with acceptable results from samples collected during the same monitoring period.

100 US 1 North art Pierce, FL 34946 OH# E96080

4155 St. Johns Pkwy, Suite 1300 Sanford, FL 32771

FDOH # E83509

nted: 2/28/07



307 Coolidge Avenue Lehigh Acres, FL 33936 Brooksville, FL 34601

FDOH # E85370

16331 Cortez Blvd. FDOH # E84418

Public Water System Information (to b	e completed by sampler)	
System Name: Chuu	57C1 -#1 PV	vs 10 1.3590186
System Type (check one): Community Address: 18 T14-St	ty Nontransient Noncommunity	Transient Noncommunity
City: Sold Library Phone #: 352-787-0087 E-Mall Address: 100	State: £1	ZIP Code: 32766 2-787-6833
Sample Information (to be completed by Sample Number: 32124DW1 Sample Date:	Location Code (If kr	nown); P.O.E PLANT #1 OOO AM PM (circle one) cids); mg/L Field pH:
Sample Type (check only one) Distribution Entry Point (for Distribution) Plant Tap (not for compliance with 62-550) Raw (at well or intake)	☐ Routine Compliance (with 62-550) ☐ Confirmation of MCL Exceedance *	(chack all that apply) Quarterly (which quarter?) Special (not for compliance with 82-550) Violation Resolution Replacement (of invalidated sample)
Max Residence Time	Other:	
Avg Residence Time Near First Customer	Sampling Procedure Used or Other Comm	ante:
• See 62-550.500(6) for requirements a NOTE: See 62-550.512(3) for additional for nitrate or nitrate MCL exceedances. Sampler's Name: Sampler's Phone #: 400000000000000000000000000000000000		550(2) for requirements and page for each site.
Sampler's E-Mail Address:		
Certification (to be completed by s (Print Name)	ampler) CLE 1 51. 40	CULTY peration
do HEREBY CERTIFY that the above puts	ic water system and collection informa	tion is complete and correct. Date:

Laboratory Certification Info	ormation (to be complet	ted by lab)	
Lab Name: Flowers Chemic	cal Laboratories, Inc.	Florida Certific	ation #: £83018
Address: P. O. Box 15059	7		xpiration Date: 6/30/2007
Alternonte Spring	s, FL 32715-0597	Phone #: 407-	
Analysis information (to	be completed by lab)	Report Numbe	r: 32124
Sample Number: 32124DW	/ 1	Date Sample F	
Group(s) analyzed and resu	its attached for compliance v	with Chapter 62-550, F.A.C. (c	heck all that apply)
inorganics.	Volatila Organics	Radionuclides	Disinfection Byproducts
□Ail 17	☐All 21 ☐ Partial	Single Sample	Trihalomethanes
Partial		Otrly Composite**	Haloscetic Acids
□Nitrate			Bromate
Nitrite	Synthetic Organics	Secondaries	Chlorite
Asbestos	☐All 30 ☐Partial	Ali 14 Partiel	
Were any analyses subconf	tracted? 🗆 Yes 🗀 No		ontractor's Florida drinking water ich result provided by that (ab).
	C	Certification	
•		CERTIFY that all attached analyntal Laboratory Accreditation Contains the Contains and Contains	
•	11		
 Failure to provide a valid ar 	nd current Florids Dept. of Healti	h lab ID number and a current Anal	yte Sheet for the attached
analysis results will result in	n rejection of the report and pos cal sample dates and locations f	sible enforcement against the publi	c water system for failure to sample.
analysis results will result in	cal sample dates and locations \$	sible enforcement against the publi	
analysis results will result in ** Please provide radiochemic Compliance Determination Sample Collection Info Sat Resample Requested (cir Reason(s): Incomplete	(to be completed is factory Yes No role or highlight groups above Report Lo	sible enforcement against the publication each quarter. ted by DEP or DOH) Sample Analysis Info Sation Revised Report Requestion Unsatisfactory	sfactory Yes No ted (circle or highlight groups above) Analysis Unsatisfactory
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Secondary Contaminants: 62-550.320 Lab ID: 321240W1 PWS ID: 3590186 Sample ID: P.O.E PLANT #1

Contain	1			Analysis		Analytical	Lab	Analysis	Analysis	OOH Lab
ID	Contam Name	MCL	Units	Result	Qualifier	Method	MDL	Date	Time	Cert #
1920	Odor	3	TON	1.00	U	SM2150B	1.00	01/12/07	09:15 AM	E83018

Public Water System Information (to b	e completed by sampler)	
System Name: Chulu	Ma to 2 pm	vs 10 #:36901180
System Type (check one): Communication	ty Nontransient Noncommunity	OTransient Noncommunity
City: City: City: Phone #: 352-787-00	State: FL Fax #: 55	7-787-6333 - 787-6333
Sample Information (to be completed by Sample Number: 321240W2 Sample Date:	Location Code (if kn	
Sample Type (check only one)		(chack all that apply)
☐ Distribution ☐ Entry Point (for Distribution) ☐ Plant Tap (not for compliance with 62-550)	Routine Compliance (with 62-550) Confirmation of MCL Exceedance * Composite of Multiple Sites **	Quarterly (which querter?) Special (not for compliance with 82-550) Violation Resolution
Row (at well or intake)	Clearance (permitting)	Replacement (of invalidated sample)
Max Residence Time	Other:	
Avg Residence Time	Sampling Procedure Used or Other Commi	onts:
Near First Customer		
 See 62-650.500(6) for requirements a NOTE: See 62-550.512(3) for additional for nitrate or nitrate MCL exceedances. 		550(2) for requirements and page for each site.
Sampler's Phone #: 407.500 Sampler's E-Mail Address:	. 8398 Sampler's Fax #:	407-339-7490
Certification (to be completed by s	ampler)	•
Certification (to be completed by s (Print Name)	sampler)	Colity (penats) (Print Title)
Bill Tren	rel srog	(Print Title) (Print Title) (Print Title) Date:

Laboratory Certification In	formation (to be complet	(ed by lab)	
Lab Name: Flowers Chem		,	
Address: P. O. Box 1506	· ·		cation #: E83018
			expiration Date: 6/30/2007
Attamorte Sprin	gs, FL 32715-0597	Phone #: 407	-339-5984
Analysis Information (t	o be completed by lab)	Report Numbe	er: 32124
Sample Number: 32124D	W2	Date Sample i	Received: 01/11/07
Group(s) analyzed and res	ults attached for compliance	with Chapter 62-550, F.A.C. (c	check all that apoly)
Inorganics	Volatile Organics	Radionuclides	Disinfection Byproducts
□An 17	□All 21 □Partial	Single Sample	Tribelomethenes
☐ Partial		Otrly Composite**	Heloacetic Acids
Nitrate		Carly composite	Bromate
□Nitrite	Synthetic Organics	Sacondarias_	Chlorite
Asbestos	☐All 30 ☐ Partial	□All 14 □ Partial	Comonto
Were any analyses subcor	ntracted? Yes No		contractor's Florida drinking water
			ach result provided by that labl.
	`	Certification	,
noted meet all requirement		ntal Laboratory Accreditation C Date: 01/16/6	
Signature:	110	Date: 01/10/C	,,
* Failure to provide a valid a	and current Florida Dept. of Mealti	h leb ID number and a current Ana	lyte Sheet for the attached
•	• • •		c water system for failure to sample.
·	ical sample dates and locations f		
i iauso proviço (guiocilo)	noer semple uptoe and roverent	At appli don int	
Compliance Determination	tto be complet	ted by DEP or DOH)	
Sample Collection Info Sa Resample Requested (c Reason(s): Incomplete	ircle or highlight groups above Report	Sample Analysis Info Sates Browning Revised Report Request Cation Unsatisfactory Cation Unsatisfactory	ted (circle or highlight groups above
-	•		ate Notified:
Date Reviewed:		ng Official:	

Florida Department of Environmental Protection Safe Drinking Water Program Laboratory Reporting Form

Secondary Contaminants: 62-550.320 Lab ID: 32124DW2 PWS ID: 3590186 Sample ID: P.O.E PLANT #2

Contam	,			Analysis		Analytical	de	Analysis	Analysis	DOH Lab
او	Contem Name	MCL	Units	Result	Qualifier	Method	MDL	Date	Time	Cert #
1920	Odor	m	TON	4.00	2	SM2150B	1.00	01/12/07	09:15 AM	E83018



☐ Showers Chemical £aboratortes, tric. 451 Newburyport Ave. Alternorte Springs, FL 32701 Bus: 407-339-5984 Fax: 407-260-6110

☐ Flowers Chemical Labs-South 8253 South US Hwy. 1 Port St. Lucie, FL. 34952 Bus: 772-343-8086 Fac: 772-343-8089 C) Flowers Chernical Labs-North 812 S.W. Harvey Greene Dr. Medison, FL 32340 Bus: 850-973-6878 Fax: 850-973-6878

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Public Water System Information (to be completed by sampler)
System Name: DUUCO PWS ID #: BEROUS G
System Type (check one): Grammunity Nontransient Noncommunity Translent Noncommunity Address:
City: Chunch State: Ft ZiP Code: 20100 Phone #: 350-787-0980 Fax #: 350-787-0933
Sample Information (to be completed by sampler) Sample Number: 32124DW1 Location Code (if known): P.O.E PLANT #1 Sample Date: Sample Time: D': AM PM (circle one) Sample Location (be specific): Field pH:
Sample Type (check only one) Sample Reason(s) (check all that apply) Distribution Distribution Confirmation of MCL Exceedance * Special (not for compliance with 62-550) Plant Tap (not for compliance with 62-550) Composite of Multiple Sites ** Violation Resolution Rew (at well or intake) Clearance (permitting) Max Residence Time
☐ Avg Residence Time Sampling Procedure Used or Other Commerits: ☐ Near First Customer
* See 62-550.500(6) for requirements and restrictions. NOTE: See 62-560.512(3) for additional requirements attach a results page for each site. for nitrate or nitrate MCL exceedences. Sampler's Name: Sampler's Phone #: Sampler's Fax #: Samp
Certification (to be completed by sampler) 1. William Trunal Semio Gourty Questo (Print Name) (Print Title)
do HEREBY CERTIFY that the above public water system and collection information is complete and correct. Signature:

Laboratory Certification	Information (to be complet	ed by lab)	
Lab Name: Flowers Cher	mical Laboratories, Inc.	Florida Cartific	ation #: £83018
Address: P. O. Box 150	597	Cartification E	xpiration Date: 6/30/2007
Alternonte Spri	ings, FL 32715-0597	Phone #: 407-	-339-5984
Analysis information	(to be completed by lab)	Report Numbe	r: 32124
Sample Number: 32124	DW1	Date Sample F	Received: 01/11/07
Group(s) analyzed and re	sults attached for compliance	with Chapter 62-550, F.A.C. (c	heck all that apply)
Inorganics.	Volatila Organica	Badiopuclides	Disinfection Byproducts
□All 17	☐All 21 ☐Partiel	Single Sample	☐ Tribalomethanes
☐ Partial		Otrly Composite**	D Haloacetic Acids
□Nitrate			☐ Bromete
□Nitrite	Synthetic Organics	Secondaries	Chlorite
Asbestos	☐All 30 ☐Partial	☐ All 14 🏿 Partial	Cinclife.
Were any analyses subc	ontracted? DYes XNo		ontractor's Florida drinking water ach result provided by that lab).
	4	Certification	
		ntal Laboratory Accreditation C Date: 01/16/0	
analysis results will resu	•	-	lyte Sheet for the attached c water system for failure to sample.
Compliance Determinati	on (to be complet	ted by DEP or DOH)	
Reason(s): Incomplet	(circle or highlight groups above te Report	Semple Analysis Info Sati e) Revised Report Reques cation Unsatisfactory her	ted (circle or highlight groups above DAnalysis Unsatisfactory
_	·	b	ete Notified:
Date Reviewed:	DEP/DOH Reviewir	ng Official:	

Contam			Analysis		Anslytical	Lab	Analysis	Analysis	DOH Lab
ID Contam Name 1920 Odor	MCL 3	Units TON	Result 1.00	Qualifier	Method SM2150B	MDL 1.00	Date 01/12/07	Time 09:15 AM	Cert #

Public Water System Information (to be	completed by sampler)
System Name:	DtQ
System Type (check one): De Community Address:	Nontransient Noncommunity
City: Chulu Ga Phone #: 352- 85 - C E-Mail Address: Chulu Ga	State: £L ZIP Code: 3271616 Fax #: 352-787-4333
Sample Information (to be completed by Sample Number: 32040DW2 Sample Date: Sample Location (be specific): Disinfectant Residual frequired when report	ting trihalomethanes and haloacetic acids): WTP #2 POE Location Code (If known): WTP #2 POE AM (PM) (circle one)
Plant Tep (not for compliance with 82-550) Raw (at well or intake) Max Residence Time	Sample Beason(s) (check all that apply) Proutine Compliance (with 62-550) Confirmation of MCL Exceedance * Special (not for compliance with 62-550) Composite of Multiple Sites ** Violation Resolution Clearance (permitting) Replacement (of invelidated sample) Other: Sampling Procedure Used or Other Commants:
Near First Customer * See 62-550,500(8) for requirements en NOTE: See 82-550.512(3) for additional r for nitrate or nitrate MCL exceedences.	d restrictions. ** See 62-550.550(2) for requirements and
Sampler's Name: TOM Sampler's Phone * Sampler's E-Mail Address:	000104 980_ Sampler's Fex #:352-787-6333
Certification (to be completed by sa	thy facility are to
do HEREBY CERTIFY that the above public Signature:	water system and collection information is complete and correct. Date: 1/24/2

Laboratory Certification I	nformation (to be complete	ed by lab)	
Lab Name: Flowers Chen	tical Laboratories, Inc.	Florida Certific	ation #: EB3018
Address; P. O. Box 1505	697		xpiration Date: 6/30/2007
Altamonte Spri	ngs, FL 32715-0597	Phone #: 407-	
Analysis information (to be completed by lab]	D	
Sample Number: 32040[•	Report Number	
Sample Number: 32040L) VV 2	Date Sample R	leceived: 01/10/07
Group(s) analyzed and re	sults attached for compliance v	vith Chapter 62-550, F.A.C. (cl	heck all that apply)
Inorganics.	Volatile Organics	Redlonuclides	Disinfection Byproducts
□All 17	All 21 Partial	Single Sample	☐ Trihalomethanes
☐ Pertial		Otrly Composite**	☐ Haloscetic Acids
□Nitrate			☐ Bromate
□Nitrite	Synthetic Organics	Secondaries	☐ Chlorite
□Asbestos	☐ All 30 ☐ Partial	☐ All 14 X Partial	
	_		rtical data are correct and unless onference (NELAC).
Signature:		Date; 01/16/0	7
• •	11,	5=10; 0 1, 10,0	•
* Failure to provide a valid	and current Florida Dept. of Health	lab ID number and a current Analy	rts Sheet for the attached
analysis results will result	in rejection of the report and possi	ible enforcement against the public	: water system for failure to sample.
* * Please provide radiocher	nical sample dates and locations fo	er each quarter.	
Compliance Determination	n (to be complete	ed by DEP or DOH)	
Sample Collection Info Sample Collection Info	etisfactory Dyes DNo	Sample Analysis Info Satis	stactory DYes DNo
Resemple Requested (circle or highlight groups above)		ed (circle or highlight groups above)
Reason(s): Dincomplete		ation Unsatisfactory	Analysis Unsatisfactory
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Sample ID: WTP #2 POE

Contam O Contam Name 1920 Odor	MCL 3	Units TON	Analysis Result	Quelifier U	Analytical Method SM21508	MDL.	Analysis Date	Analysis Time	DOH Lab Cert #
	•	.0.0	1.00	U	SM21508	1.00	01/11/07	11:00 AM	E83018



Flowers Chemical Laboratories, Inc.

Fax: 407-260-6110

481 Newburyport Ave. Altamonte Springs, FL 32701 Bus: 407-339-5984 Laibs-Soutts 8253 South US Hwy. 1 Port St. Lucie, FL 34952 Bus: 772-343-8006

☐ Flowers Chemical

Labs North 812 S.W. Harvey Tran Madison, FL 323 Bus: 850-973-6 Fax: 850-973-6878

☐ Flowers Chemical

Bus: 772-343-8006 Fax: 772-343-8089

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Public Water System Information (to be completed by sampler)
System Name: Chillipse PWS ID #:3590186
System Type (check one): Community
City: Chuluna State: ZIP Code: 320166 Phone #: 350-781-1233 E-Mail Address: ND
Sample Information (to be completed by sampler) Sample Number: 32124DW2 Location Code (if known): P.O.E PLANT #1 Sample Date: Sample Time: May PM (circle one) Sample Location (be specific): May PM (circle one) Disinfectant Residual (required when reporting trihalomethanes and haloacetic acids): mg/L Field pH:
Sample Type (check only one) Sample Reason(s) (check all that apply) Distribution Routine Compliance (with 62-550) Confirmation of MCL Exceedance * Special (not for compliance with 62-550) Plant Tep (not for compliance with 62-550) Composite of Multiple Sites ** Violation Resolution Raw (at well or intake) Max Residence Time Sample Reason(s) (check all that apply) Querterly (which quarter?) Special (not for compliance with 62-550) Composite of Multiple Sites ** Violation Resolution Replacement (of Invalidated sample)
Avg Residence Time Sampling Procedure Used or Other Comments: Near First Customer
* See 62-550.500(6) for requirements and restrictions. NOTE: See 62-550.512(3) for additional requirements attach a results page for each site. for nitrate or nitrate MCL exceedances. Sampler's Name: Sampler's Phone #: Sampler's Fax #: Sampler's Fax #: Sampler's E-Mail Address:
Certification (to be completed by sampler)
(Print Name) (Print Title)
do HEREBY CERTIFY that the above public water system and collection information is complete and correct. Signature:

Laboratory Certification In	formation (to be complete	ed by lab)	
Lab Name: Flowers Chemi	cal Laboratories, Inc.	Florida Certific	cation #: E83018
Address: P. O. Box 15059	17	•	expiration Date: 6/30/2007
Altamonte Spring	ps, FL 32716-0597	Phone #: 407	
Analysis information (10	be completed by lab)	Report Numbe	or: 32124
Sample Number: 32124DV	V2	Date Sample (
Group(s) analyzed and resi	ults attached for compliance v	vith Chapter 82-550, F.A.C. (c	check all that apply)
loorganies.	Voietile Organics	Radionuclides.	Disinfaction Byproducts
□All 17	☐ All 21 ☐ Pertial	Single Sample	☐ Trihalomethanes
Partiel		Otriy Composite**	☐ Haloacetic Acida
□Nitrete			Bromate
Nitrite	Synthetic Organics	Sacondaries_	Chiorite
Asbestos	All 30 Partiel	All 14 (X) Partial	∪ Chiorite
Were any analyses subcor	ntracted? DYes XNo		contractor's Florida drinking water ach result provided by that lab).
	•	ertification	
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ensiysis resulte will result i			lyte Sheet for the attached ic water system for failure to sample.
Compliance Determination	(to be complete	ed by DEP or DOH)	
Sample Collection Info Sat Resample Requested (ci Reasonts): \(\sum_\) Incomplete \(\sum_\) Missing Ans	rcle or highlight groups above Report	Sample Analysis Info Sati Revised Report Reques Sation Unsatisfactory	ted (circle or highlight groups above) Analysis Unsatisfactory
			ate Notified:
Date Reviewed:	·	Official:	

Contan	1			Analysis		Analytical	Lab	Analysis	Analysis	DOH Lab
ID	Contam Name	MCL	Units	Result	Qualifier	Method	MDL_	Date	Time	Cert #
1920	Odor	3	TON	1.00	U	SM2150B	1.00	01/12/07	09:15 AM	E83018



☐ Flowers Chemical Laboratories, Inc. 481 Newburyport Ave.

Altamonte Springs, FL 32701 Bus: 407-339-5984

Fax: 407-260-6110

☐ Flowers Chemical Labs-South

8253 South US Hwy. 1 Port St. Lucie, FL 34952 Bus: 772-343-8006

Fax: 772-343-8089

☐ Flowers Chemica Labs-North 812 S.W. Harv Madison, FL 3 Bus: 850-973 Fax: 850-973-0878

www.flowerslabs.com

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Public Water System Information (to b	e completed by sampler)
System Name: Chilli	570 PWS 1D #: 359011810
System Type (check one): GCommuni	ty Nontransient Noncommunity DTranslent Noncommunity
City: Chillian Phone #: 250-787-0480 E-Mail Address:	State: £L ZIP Code: 3271010 Fax #: 353-787-12333
Sample Information (to be completed by Sample Number: 31936DW1 Sample Date:	Location Code (if known): WTP#1 POE Sample Time: 1'30 AM PM (circle one)
Sample Type (check only one) Distribution Entry Point (for Distribution) Plant Tap (not for compliance with 62-550) Raw (at well or intake)	Sample Reason(s) (check all that apply) Proutine Compliance (with 62-560) Quarterly (which quarter?) Confirmation of MCL Exceedance • Special (not for compliance with 62-550) Composite of Multiple Sites • • Violation Resolution Clearence (permitting) Replacement (of invalidated sample)
☐ Max Residence Time ☐ Avg Residence Time ☐ Near First Customer	Sempling Procedure Used or Other Comments:
* See 82-550.500(6) for requirements a NOTE: See 82-550.512(3) for additional for nitrate or nitrate MCL exceedances. Sampler's Name:	requirements attach a results page for each site.
Sampler's E-Mail Address:	980 Sampler's Fax #: 252-787-14333
Certification (to be completed by si	empler) Grint Title)
do HEREBY CERTIFY that the above public	c water system and collection information is complete and correct. Date: 1/27/07

Laboratory Certification	information (to be complete	ted by (ab)						
Lab Name: Flowers Che	emical Laboratories, Inc.	Florida Certific	eation #: E83	018				
Address: P. O. Box 150	597	Certification Expiration Date: 8/30/2007						
Altamonte Spi	rings, FL 32715-0597	Phone #: 407-						
Analysis Information	(to be completed by lab)	Report Numbe	r: 31936					
Sample Number: 31936	DW1	Date Sample F		01/09/07				
Group(s) analyzed and r	esults attached for compliance	with Chapter 82-550, F.A.C. (c	heck all that	appiv)				
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		certification number with ea	acu teanir bio	riose of that idel.				
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Signature: * Fatiure to provide a valid analysis results will resu	Technical Director, do HEREBY nents of the National Environme	Certification CERTIFY that all attached analyoned Laboratory Accreditation Control Laboratory Accr	ytical data are onference (NE 7	e correct and unless ELAC).				
Signature: * Fatiure to provide a valid analysis results will resu	Technical Director, do HEREBY nents of the National Environment of the National Environment of the Period Dept. of Health in rejection of the report and posterical sample dates and locations for the sample dates and locations for the sample dates.	Certification CERTIFY that all attached analyoned Laboratory Accreditation Control Laboratory Accr	ytical data are onference (NE 7	e correct and unless ELAC).				
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Secondary Contaminants: 62-550.320 Lab ID: 31936DW1 PWS ID: 3590186 Sample ID: WTP#1 POE

Contam		Analysis	Analytical	Lab	Analysis	Analisela	DOH Lab
ID Contam Name 1920 Odor	MCL Units	Result Qualifier	Method	MDL	Date	Analysis Time	Cert #
1250 0001	3 TON	1.00 U	SM2150B	1.00	01/10/07	10:30 AM	F83018

Public Water System Information (to be completed by sampler)
System Name: Chuluota pws id #359011816
System Type (check one): DCommunity
City: Chillusta State: £L ZIP Code: 3201010 Phone #: 352-787-10333 E-Meil Address:
Sample Information (to be completed by sampler) Sample Number: 31936DW2 Location Code (if known); WTP #2 POE Sample Date: Sample Date: Sample Location (be specific): AM PM (circle one) Sample Location (be specific): Field pH: 8.2
Sample Type (check only one) Sample Reason(s) (check all that apply) Distribution Distribution Confirmation of MCL Exceedance * Special (not for compliance with 82-550) Plant Tep (not for compliance with 62-550) Composite of Multiple Sites ** Uviolation Resolution Raw (at well or intake) Max Residence Time Outfer: Sampling Procedure Used or Other Commants:
* See 82-550.500(6) for requirements and restrictions. ** See 82-550.550(2) for requirements and NOTE: See 82-550.612(3) for additional requirements attach a results page for each site. for nitrate or nitrate MCL exceedences.
Sampler's Name: 1571 M M M M M M M M M M M M M M M M M M M
Certification (to be completed by sampler) 1. Temy McCarthy faculty openator (Print Name) (Print Title)
do HEREBY CERTIFY that the above public water system and collection information is complete and correct.
Signature: Jung McCarthy Date: 1124107

		ted by lab)						
Lab Name: Flowers Ch	emical Laboratories, Inc.	Florida Certific	atlon #: E83018					
Address: P. O. Box 15	0597	Certification Expiration Date: 8/30/2007						
Altemonte Sp	prings, FL 32715-0597	Phone #: 407-						
Analysis Information	(to be completed by leb)	Report Numbe	r: 31936					
Sample Number: 3193	6DW2	Date Sample F						
Group(s) analyzed and	results attached for compliance	with Chapter 82-550, F.A.C. /c	heck all that apply)					
loorganies_	Volatile Organics	Radionuclidas	Disinfection Ryproducts					
🗆 All 17	DAII 21 Deartiel	Single Sample	☐ Trihalomethanes					
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Asbestos	All 30 Partial	☐All 14 (C)Partiel	☐ Chiorite					
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	, Technical Director, do HEREBY ments of the National Environme		rtical data are correct and unless onference (NELAC).					
Signature:		Date: 01/16/0	7					
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Secondary Contaminants: 62-550.320 Lab ID: 31936DW2 PWS ID: 3590186

Sample ID: WTP #2 POE

Contan	1			Amaliania						
				Analysis		Analytical	Lab	Analysis	Analyais	DOH Lab
<u>10</u>	Contam Name	MCL	Units	Result	Qualifier	Method	MOL	Date	Time	Cert #
1920	Odor	3	TON	1.00	U	SM2150B	1.00	01/10/07	10:30 AM	E83018



Flowers Chemical Laboratories, Inc.

481 Newburyport Ave. Altamonte Springs, FL 32701 Bus: 407-339-5984

Fax: 407-260-6110

☐ Flowers Chemical Labs-South

8253 South US Hwy. 1 Port St. Lucie, FL 34952 Bus: 772-343-8006 Fax: 772-343-8089

☐ Flowers Chemica Labs-North 812 S.W. Harvey

Madison, FL 32340 Bus: 850-973-6878 Fax: 850-973-6878

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Public Water System Information (to be completed by sampler)
System Name: Chuluota PWS ID #: BBPDTBIG
System Type (chack one): DCommunity
City: Chulubta State: FL ZIP Code: 30:30101 Phone #: 350-787-0980 Fax #: 350-787-11333 E-Mail Address:
Sample Information (to be completed by sampler) Sample Number: 32040DW1 Location Code (If known): WTP#1 POE Sample Date: Sample Time: AM PM (circle one) Sample Location (be specific): AM PM (circle one) Sample Location (be specific): Field pH: S. I
Sample Type (check only one) Sample Reason(s) (check sil that apply) Distribution Profitine Compliance (with 62-550) Confirmation of MCL Exceedance * Special (not for compliance with 62-560) Plant Tap (not for compliance with 62-550) Rew (at well or Intake) Max Residence Time Other: Sampling Procedure Used or Other Commants:
* See 82-550.500(8) for requirements and restrictions. ** See 82-550.500(2) for requirements and NOTE; See 82-550.512(3) for additional requirements attack a results page for each site.
Sampler's Phone #502-78-0480 Sampler's Fax #: 350-787-6938 Sampler's E-Mail Address:
Certification (to be completed by sampler) 1, Terry Ucanthy Accidity apparent
do HEREBY CERTIFY that the above public water system and collection information is complete and correct.
Signature: Juny Months. Date: 1/24/.

Page 1

Altamonte Springs, FL 32715-0597 Altamonte Springs, FL 32715-0597 Analysis Information (to be completed by lab) Analysis Information (to be completed by lab) Analysis Information (to be completed by lab) Analysis Information (to be completed by lab) Analysis Information (to be completed by lab) Analysis Information (to be completed by lab) Analysis Information (to be completed by lab) Analysis Information (to be completed by lab) Analysis Information (to be completed by lab) Analysis Information (to be completed by lab) Analysis Information (to be completed by lab) Analysis Information (to be completed by DEP or DOH) Analysis Information (to be completed by DEP or DOH)	prtification #: E83018 ion Expiration Date: 8/30/2007 407-339-5984 imber: 32040 iple Received: 01/10/07 C. (check all that apply) Disinfection Ryproducts
Altamonte Springs, FL 32715-0597 Analysis Information (to be completed by lab) Analysis Information (to be completed by lab) Analysis Information (to be completed by lab) Analysis Information (to be completed by lab) Analysis Information (to be completed by lab) Analysis Information (to be completed by lab) Analysis Information (to be completed by lab) Analysis Information (to be completed by lab) Analysis Information (to be completed by lab) Analysis Information (to be completed by lab) Report Nu Date Sam Analysis Information (Date Sam Badionarciides (Badionarciides (Ba	ion Expiration Date: 8/30/2007 407-339-5984 Imber: 32040 Iple Received: 01/10/07
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Group(s) enalyzed and results attached for compliance with Chapter 62-550, F.A. Inorganics. Volatila Organics Radionactides	C. (check all that apply)
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analysis results will result in rejection of the report and possible enforcement against the provide redicchemical sample dates and locations for each quarter. Compliance Determination (to be completed by DEP or DOH)	16/07
	Analyte Sheet for the ettached public water system for fallure to sample.
Sample Collection Info Satisfactory	
	Bartis Co.
Reason(s): Dincomplete Report Disastisfactory	
_	uested (circle or highlight groups above)
	uested (circle or highlight groups above) Analysis Unsatisfactory
Person Notified:	uested (circle or highlight groups above) Analysis Unsatisfactory
Comments: DEP/DOH Reviewing Official:	uested (circle or highlight groups above) Analysis Unsatisfactory Date Notified:

Secondary Contaminants: 62-550.320 Lab ID: 32040DW1 PWS ID: 3590186 Sample ID: WTP#1 POE

Contem	Contam Name	MCL	Units	Analysis Result	Qualifier	Analytical Method	Lap MDL	Analysis Date	Analyşis Time	DOH Lab Cert #
1920	Odor	3	TON	1.00	Quantier					
		•	1014	1.00	Ų	SM215QB	1.00	01/11/07	11:00 AM	E83018

HARBOR BRANCH ENVIRONMENTAL ABORATORIES. INC.

Date issued: December 12, 2006

To:

Brian Heath

Aqua Utilities Florida, Inc.

140 Hope Street

Longwood, FL 327505141

Client:

Aqua Utilities Florida, Inc.

Workorder ID: Chuluota DW THM/HAA5

[2127340]

Received:

11/16/06 15:00:

Dear Brian Heath:

Analytical results presented in this report have been reviewed for compliance with the HARBOR BRANCH Environmental Laboratories Inc.'s (HBEL) Quality Systems Manual and have been determined to meet applicable Method guidelines and Standards referenced in the July 2003 National Environmental Laboratory Accreditation Program (NELAP) Quality Manual unless otherwise noted. The Analytical Results within these report pages reflect the values obtained from tests performed on Samples As Received by the laboratory unless indicated differently.

FDOH Safe Drinking Water Act, Clean Water Act and RCRA Certification #s: E96080, E83509, E85370, E84418

Questions regarding this report should be directed to the Report Signatory at (772) 465-2400, Ext. 285 referencing the HBEL Workorder ID Numberl.

Respectfully submitted.

Clndy Cromer

Technical Director or Designee

Note: This report is not to be copied, except in full, without the expressed written consent of the HARBOR BRANCH Environmental Laboratories, Inc.

5600 US 1 North Fort Pierce, FL 34946 FDOH # E96080

4155 St. Johne Pkwy Suite 1300 Sanford, FL 32771

FDOH # E83509

307 Coolidge Avenue Lehigh Acres, FL 33936 Brooksville, FL 34601 FOOH # E85370

16331 Cortez Blvd FDOH # E84418

Printed: 12/12/08

Page 1 of 4

HARBOR BRANCH ENVIRONMENTAL LABORATORIES, INC.

Quality Control Summary

Cllent:

Aqua Utilities Florida, Inc. Workorder ID: Chuluota DW THM/HAA5

Received:

11/16/06 15:00

[2127340]

MS=Method Blank LCS=Laboratory Control Sample LCSD-Laboratory Control Sample Duplicate MS=Metrix Splita MSD=Makix Splite Duplicate DUP=Sample Duplicate

HBEL Sample

Method Narratives (If Applicable)

Number

Sample ID Analytical Method

Description

Method HBEL Batch Analyte

Quality Control Summary Analytical Issue



HARBOR BRANCH

9600 US I North Fort Pleios, Ft. 34945 Phone: (772) 465-2400, Est. 285 Fals: (778) 467-584

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"USE BALL POINT PEN ... Laboratory not responsible for omitted information" PRESS HARD. FDOH # E9608
COMPLETELY FILL OUT | 5690 U.S. 1 North ALL NON GREYED AREAS For Pierce, FL 34946

FDOH # E96080

___FDOH # E85370 307 Codedge Avenue 1 Lehigh Acres, FL 33936

Company: A. U. F. Address: 140 Hope St.							Method(s) of Shipment:							FDOH # E83509 FDOH # E84418 4155 St. Johns Plevy. 18331 Cortez Blvd. Buite 1300 Brockeville, FL 34801				
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Client Contact: BILL T								PRESERVATIVE							Preservation Key			
Project Name: CAULUOTA							Or	-	<u> </u>	ANAL	LYSES REQUESTED					H-Hydrochloric Acid P-Floogholic Acid N-Minto Acid 81-Godina		
Sampled By: T. MCCARTHY							Rush inBusiness Days Requires Laboratory Approval	7	B		-	1				S-Butturio Anta SH-Sections Hydroge	Thipsoffsis	
LABID	COLLE	CTION	į	Ž	E E	SAMP	LE DESCRIPTION	2,2	75									
	DATE	TIME	The state of the s	MATRIX	5	As Wi	Appear On Report	THA	IA							COM	WENTS	
001	11/14/06	1200	8	DW	4	390 LK.	LANEULE	K	Y							CL2 1.3	oH 8.0	
on.	11/14/06	1300	G	DW	4	803 MA	ZURKA	X	X							دل ما ارا	oii 8.0	
003		<u> </u>			3	Try	3/and Je 11-16-16	/								<u> </u>	-pit 8.0	
											<u> </u>							
	·			-											_			
			 	-														
															-			
											-				_			
																_		
	Sample Type						** Matrix: 3-Solid SL-Bludge DW-I		Water					oe Wate	WW.	Matteriale: Na	erine	
Report	DATE/INE	11/10/	i L	15			ATE/TIME 11-16 TO 1600					RELINQUISHED BY DATE/TABLE						
十 个 显 {	RECEIVED 0	1 an	d			R	CEIVED BY					RECEIVED FOR HEEL CUSTODY BY NATIONAL CONTROL						
1 8	11/19/0						VI CO VINE					DATESTIME 11-7-OG 1800						
			·/ , .	,~10° c	. OII C		UNITED SERVICES									PAGE		

PUBLIC WATER SYSTEM INFORMATION	(to be completed by sampler - Please type or print legibly)
System Name: Chuluotou	PWS I.D. #: 3 5 9 0 1 8 6
System Type (check one) X Communit	y [Nontransient Noncommunity Transient Noncommunity
Address: 118 E. 7+h. S	·
city: Chuluata	State: F1. ZIP Code:
Phone #: 407-339-5484	Fex#: 407-339-7490
E-Mail Address: NA	and the second of the second o
SAMPLE INFORMATION (to be completed by	sampler) -
Sample Number: OO J	Location Code: (If known);
Sample Date: 11/16/06	Sample Time: 12:00 PM
Sample Location (be specific): 390 Lk, Lar	• •
	results for trihalomethases and haloacetic acids): 1,3 mg/L Field pH: 8.0
Sample Type (Check Only One)	Reason(s) for Sample (Check all that apply)
Distribution	Routine Compliance (with 62-550) DCQuarterly (which our 19+
Entry Point (to Distribution)	Confirmation of MCL Exceedence* Special (not for compliance with 62-550)
Plant Tap not for compliance with 62-550)	Composite of Multiple Sites** Violation Resolution
Raw (at well or intake)	Clearance (permitting) [Replacement (of invalidated Sample)
Max Residence Time	Cher.
Ave Residence Time Near First Customer	Sampling Procedure Used or Other Comments:
*See 62-550.500(6) for requirements at Note: See 62-550.512(3) for additional for Nitrate or Nitrite MCL exceeds	requirements attach a results page for each site.
Sampler's Name: Terry McCor	thu
Sampler's Phone # 407-339 - 54	Thy Sampler's Fax #: 407-339-7490
Sampler's E-Mail Address: NA	
CERTIFICATION (to be completed by sampler)	
Terry McCarthy	White Treat. Oper.
do HEREBY CERTIFY that the above public completed and correct.	water system and sample collection information is
Signature:	Date:
Reporting Format 62-550.	730 Effective January 1995. Revised January 2004

Lab Name:	Harbor Brat	nch Environmental Labo	oratories Inc. Florida	Certification #	E96080
Address:	5600 US 1			Expiration Date:	
Addioss.		e, FL 34946	Phone #:	•	
			•		65-2400 Ext. 285
		N (to be completed by lab)	Date Sample(s) Rec		11/16/06
PWS ID (Fr	om Page 1): 3	590186	Sample Number (Fr	om Page 1):	100
Lab Assigne	ed Report Numb	ber or Job ID:	2127340001		
Group(s) An	alyzed and Res	sults attached for compl	lance with Chapter 62-550), F.A.C. (Chec	s all that apply):
Inor	ganics	Synthetic Organics	Volatile Org	anics	Disinfection Byproducts
[]A	M 17	[JAII 30	_ All 21	`.	Trihalomethanes
[_" P	'artial	All Except Dioxin	Partial	.~	Haloacetic Acids
N	litrate	Partial			Bromate
N	litrite	[]Dioxin Only	Radionucl	,	Chlorite
[_]A	sbestos Only		_ Single S	• .	Secondaries
144			Catrly Co	omposite**	[_ jAll 14
vvere any an	ialyses subcon	tracted? Yes	X No		Partial
ì,	Cindy Cron		RTIFICATION	Laboratory Dir	erfor
4	(Print Name)			(Print Title)	· · · · · · · · · · · · · · · · · · ·
	OPPTION A	all attached analytical c	lata are correct and unless	noted meet al	requirements of the
		boratery Accreditation C	onference (NELAC).		
		boratery Accreditation C	onference (NELAC). Date:	12-Dec-0	3
National Envi Signature * Failure to pro In rejection of the Bureau of Laboratory ** Please provided	vide a valid and cuthe report, possible pratory Services, de radiological san	urrent Florida BOH lab cartifi e enforcement against the pu mple dates locations for each	Date: cation number and a current An blic water system for fellure to a h quarter.	alve Sheet for the	attached analysis results will resul
National Env Signature * Failure to pro- In rejection of the Bureau of Laboratory Please provided COMPLIANT	vide a valid and cube report, possible pratory Services, de radiological san	urrent Floride BOH lab cartifice enforcement against the purific dates locations for each IATION (to be completed by	Date: Cation number and a current And blic water system for feature to a n quarter. y DEP or DOH)	alybe Sheet for the ample, and may h	attached analysis results will result suit result in notification of the DOH
National Env Signature * Failure to pro- In rejection of the Bureau of Laboratory Please provided COMPLIANT Sample College	vide a valid and cube report, possible oratory Services, de radiological sanCE DETERMIN ection Info Satis	urrent Florida BOH lab cartifies enforcement against the pumple dates locations for ead [ATION (to be completed by isfactory:	Date: pation number and a current Anable water system for feature to a h quarter. y DEP or DOH) No Sample Ar	alyle Sheet for the sample, and may n nalysis Info Sati	attached analysis results will result suit in notification of the DOH
National Envi Signature * Failure to pro- In rejection of the Bureau of Laborate Please provide COMPLIANT Sample Collection (Compliant)	vide a valid and outer report, possible pratory Services, de radiological san CE DETERMIN ection Info Satisment Sample(s)	urrent Floride BOH lab cartifice enforcement against the purple dates locations for each LATION (to be completed by isfactory:	Date: Cation number and a current Anobic water system for feature to a h quarter. Y DEP or DOH) No Sample Are Shi group(s) above) Revised	alyle Sheet for the sample, and may n nalysis Info Sati	attached analysis results will result suit result in notification of the DOH
National Env Signature Failure to pro In rejection of the Bureau of Labo Please provide COMPLIANT Sample Colle Replacer Additional	vide a valid and cube report, possible oratory Services, de radiological sance tion Info Satisment Sample(s) al Monitoring Refine MCL(s) E. Missing A	urrent Florida BOH lab cartifies enforcement against the pumple dates locations for ead [ATION (to be completed by isfactory:	Date: pation number and a current Anablic water system for feature to a current Anablic water system for feature to a current Anablic water system for feature to a current Anablic water system for DEP or DOH) No	alyle Sheet for the sample, and may re nalysis info Sati Report Reque	attached analysis results will result suit in notification of the DOH
National Envisional Envisional Envisional Envision of the Bureau of Labor Please provide COMPLIANT Sample Collegian Replacer Additional Reason(s):	vide a valid and cube report, possible oratory Services, de radiological sance tion info Satisment Sample(s) al Monitoring Remainded in MCL(s) E. MCL(s) E. Missing A. Other:	urrent Floride BOH lab cartifice enforcement against the purple dates locations for each [ATION (to be completed by isfactory:	Date: Sation number and a current Anable water system for feature to a current Anable water system for feature to a current Anable water. Y DEP or DOH) No Sample Are plus group(s) above) Revised current (s) Detection(s) Location Unsatis	alyle Sheet for the lample, and may re nalysis info Sati i Report Reque factory	attached analysis results will result suit in notification of the DOH sfactory: Yes No
National Envisional Envisional Envisional Envisional Envision of the Bureau of Labor Please provide COMPLIANT Sample College Replacer Additional Reason(s):	vide a valid and cube report, possible oratory Services, de radiological sance to la faction in the sample (s) al Monitoring Remark Sample (s) al Monitoring Remark Sample (s) al Missing A Other:	urrent Floride BOH lab cartifice enforcement against the purple dates locations for each IATION (to be completed by isfactory:	Date: Cation number and a current Anabilic water system for feiture to a high quarter. Y DEP or DOH) [No Sample Are pht group(s) above) [Revised pup(s) above) [Provided Pup(s) above] [Provide	alyle Sheet for the lample, and may re nalysis info Sati i Report Reque factory	attached analysis results will result suit in notification of the DOH sfactory: Yes No
National Env Signature Failure to profin rejection of the Bureau of Labor Please proving COMPLIANT Sample College (Replacer Additional Reason(s): Person Notific Comments:	vide a valid and cube report, possible oratory Services, de radiological sance to la faction in the sample (s) al Monitoring Remark Sample (s) al Monitoring Remark Sample (s) al Missing A Other:	urrent Florida BOH lab cartific an inforcement against the purple dates locations for each IATION (to be completed by isfactory:	Date: Sation number and a current Anable water system for feature to a current Anable water system for feature to a current Anable water. Y DEP or DOH) No Sample Are plus group(s) above) Revised current (s) Detection(s) Location Unsatis	alyle Sheet for the lample, and may re nalysis info Sati Report Reque factory	attached analysis results will result suit in notification of the DOH sfactory: Yes No

HARBOR BRANCH ENVIRONMENTAL LABORATORIES, INC.

DISINFECTION BYPRODUCTS ANALYSES 62-550,310(3)

Client:

Aqua Utilitles Florida, Inc.

Report Number/ Job ID

Chuluota DW THM/HAA5

Sample Location:

390 Lk. Lanelle Grab

Disinfectant Residual (mg/L 1,3

Sample Number:

2127340001

PWS ID

3590181

Sampling Date:

11/16/06 12:00

Date Received:

11/16/06 15:00

Conta	m			Analysis		Analytical		Analysis	Analysis	
D	Contam Name	MCL	Units	Result	Qualifier	K d a sharing	Lab MDL	Date	Time	Lab ID
			.: .	- , , , ,		•				
			•• •				•			
		• • •	. •							
2450	Monochloroacetic Acid	[N/A]	ug/L	0.88	Ų	EPA 652.1	0.88	11/28/06	10:41 PM	E96080
2451	Dichloroacetic Acid	INA	ug/L	6.3	•	EPA 552.1	0.66	11/28/08	10:41 PM	E96080
2452	Trichloroacetic acid	[NA]	ug/L	2.1		EPA 552.1	0.20	11/28/06	10:41 PM	E96080
2453	Monobromoacetic Acid	[NA]	ug/L	0.42	.}	EPA 552.1	0.28	11/28/06	10:41 PM	E96080
2454	Dibromoscette Acid	PVA)	ug/L	131.00		EPA 552.1	0.18	11/28/06	10:41 PM	E96080
2456	Total Haloscetic Acids (HAA5)	[BO]	ug/L							
2941	Chloroform	[N/A]	ug/L	14		EPA 624.2	0.25	11/30/06	1:54 PM	E96080
2942	Bromoform	INA	ug/L	43		EPA 524.2	0.41	11/30/06	1:54 PM	E96060
2943	Bromodichloromethane	[N/A]	ug/L	30		EPA 524.2	0.25	11/30/06	1:54 PM	E960B0
2944	Dibromochloromethane	[N/A]	na/r	64		. EPA 624.2	0.30.	11/30/06	1:54 PM	E98080
2950	Total Trihalomethanes	[80]	ug/L	151	••			•	•	

NOTE: Do not round values. Report results to the accuracy, precision, and sensitivity of the analytical method used.

Totals for haloacetic acids and total trihalomethenes will be calculated by DEP or DOH.

Reporting Formal 62-650,730 Effective January 1995, Revised January 2004

* Results must be reported with appropriate qualifiers in accordance with Floride Administrative Code Rule 82-150, Table 1. Results Qualified with A. F. H. N. O. T. Z. ?. *, are unacceptable for compliance with 52-550. Results qualified with a J. Q. R. or Y must be accompanied by written justification and will be evaluated on a case by case basis. To avoid a monitoring violation, unacceptable results must be replaced with acceptable results from samples collected during the same monitoring perf

5600 US 1 North Fort Pierce, FL 34946 FDOH # E96080

Printed: 12/12/06

4155 St. Johns Plwy Suite 1300 Senford, FL 32771

FDOH # E83**6**09



307 Coolidge Avenue Lehigh Acres, FL 33936 FDOH # E85370 16331 Cartez Bivd Brooksville, FL 34601 FDOH # E84418

PUBLIC WATER SYSTEM INFORMATION (to be completed by sampler - Please type or print legibly)
System Name: Chuluoto PWS I.D. #: 3 5 9 0 1 8 6
System Type (check one)
Address: 118 E. 7th Street
city: Chuluota State: F1. ZIP Code:
Phone # 407-339-5484 Fax #: 407-339-7490
E-Mail Address: N/A-
SAMPLE INFORMATION (to be completed by sampler)
Sample Number: OOA Location Code (if known);
Sample Date: 11/16/06 Sample Time: 1:00 PM
Sample Location (be specific): 803 Mazurka Grab
Disinfectant Residual (Required when reporting results for trihalomethanes and haloacetic acids): 1.1 mg/L Field pH: 8.0
Sample Type (Check Only One) Reason(s) for Sample (Check all that apply)
Distribution Routine Compliance (with \$2-550) X Quarterly (which Oth? 191
Entry Point (to Distribution) Confirmation of MCL Exceedence* Special (not for compliance with 62-550)
Plant Tap not for compliance with 62-550) [Composite of Multiple Sites** . [] Violation Resolution
Raw (at well or intake) []Clearance (parmitting) Replacement (of invalidated Sample)
X Max Residence Time Other: Other: Sampling Procedure Used or Other Comments:
Near First Customer
*See 62-550,500(6) for requirements and estrictions. ** See 62-550,550(4) for requirements and attach a results page for each site. for Nitrate or Nitrite MCL exceedences.
Sampler's Name: Terry McCorthy
Sampler's Name: Terry McCorthy Sampler's Phone #: C/O 407-339-5484 Sampler's Fax #: 407-339-7490
Sampler's E-Mail Address: N/A
CERTIFICATION (to be completed by sampler)
1. Terry McCarthy Lubter Treat. Oper.
do HEREBY CERTIFY that the above public water system and sample collection information is completed and correct.
· · · · · · · · · · · · · · · · · · ·

Lab Name:	Harbor Bra	nch Environmental Labora	tones, Inc. Florida Certification	1#: E96080
Address:	5600 US 1	North	Certification Expiration Da	ite: 06/30/2007
	Fort Plerce	P. FL 34946	Phone #: (772) 465-2400 Ext. 285
analysis i	NFORMATION	(to be completed by lab)	Date Sample(s) Received::	11/16/06
PWS ID (From	m Page 1): 39	590186	Sample Number (From Page 1):	002
Lab Assigned	Report Numb	ber or Job ID:	2127340002	- (
Group(s) Ana	lyzed and Res	sults attached for complian	ce with Chapter 62-550, F.A.C. (Ci	neck all that apply):
lnorg	<u>anics</u>	Synthetic Organics	Volatile Organics	Disinfection Byproducts
All	117	[] Ali 30	All 21	✓ Trihalomethanes
<u> </u> Pa	ırtial	Ali Except Dioxin	Partial	Haioacetic Acids
Nit	trate	Partial	,	Bromate
[_]Nit	trite	_ Dioxin Only	Radionuclides	_ Chlorite
As	bestas Only	٠,	· `` Single Sample	Secondaries
			☐ Qtrly Composite**	[All 14
Were any ana	alyses subcon	tracted? Yes	<u>K</u> No	Partial
		CERT	TIFICATION	
l ,	Cindy Cron	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		Director
	(Print Name)	ner	Laboratory (Print T	ide)
do HEREBY ((Print Name) CERTIFY that	ner	Laboratory (Print T a: are: correct and unless noted mee	ide)
do HEREBY (National Envir	(Print Name) CERTIFY that	ner all attached analytical dati	Laboratory (Print T a: are: correct and unless noted mee	Me) all requirements of the
do HEREBY (National Envir Signature	(Print Name) CERTIFY that ronmental Lab	all attached analytical data poratory Accreditation Conf	Laboratory (Print T a are correct and unless noted meet ference (NELAC). Date: 12-Dec	ide) all requirements of the
do HEREBY (National Envir Signature * Failure to provi	(Print Name) CERTIFY that ronmental Lab ide a valid and on e report, possible	all attached analytical data poratory Accreditation Conf 2 Carrent Florida DOH tab certificati	Laboratory (Print T a are correct and unless noted meet ference (NELAC).	ide) all requirements of the -06 the attached analysis results will resu
do HEREBY (National Envir Signature * Falture to provi in rejection of the Bureau of Labon	(Print Name) CERTIFY that ronmental Lab ide a valid and on e report, possible atory Services.	all attached analytical data poratory Accreditation Conf 2 Carrent Florida DOH tab certificati	Laboratory (Print T (Print T a: are: correct and unless noted meet ference (NELAC). Date: 12-Dec on number and a current Analyte Sheet for water system for failure to sample, and me	ide) all requirements of the
do HEREBY (National Envir Signature * Failure to provide in rejection of the Bureau of Labon ** Phease provide	(Print Name) CERTIFY that ronmental Lat ide a valid and co e report, possible atory Services. e radiological sar	all attached analytical data poratory Accreditation Conf 2 Communication Conf arent Florida DOH tab cartification enforcement against the public	Laboratory (Print T a are correct and unless noted meet ference (NELAC). Date: 12-Dec on number and a current Analyse Sheet for water system for failure to sample, and me	ide) all requirements of the -06 the attached analysis results will resu
do HEREBY (National Envir Signature * Failure to provi in rejection of the Bureau of Labon ** Please provide COMPLIANC	(Print Name) CERTIFY that ronmental Lat ide a valid and cu e report, possible atory Services. e radiological sar E DETERMIN	all attached analytical data poratory Accreditation Conf wrent Florida DOH tab certification enforcement against the public mple dates, locations for each q	Laboratory (Print T a: are: correct and unless noted meet ference (NELAC). Date: 12-Dec on number and a current Analyse Sheet for water system for failure to sample, and me uarter. EP or DOH)	ide) all requirements of the -06 the attached analysis results will result in notification of the DOH
do HEREBY (National Envir Signature * Failure to provide in rejection of the Bureau of Labon ** Please provide COMPLIANCE Sample Collect	(Print Name) CERTIFY that ronmental Lat ide a valid and co e report, possible atory Services. e radiological sar E DETERMIN ction Info Sati	all attached analytical data poratory Accreditation Confusion Florida DOH tab certification enforcement against the public mple dates locations for each quality (to be completed by Disfactory: Yes N	Laboratory (Print T a: are: correct and unless noted meet ference (NELAC). Date: 12-Dec on number and a current Analyse Sheet for water system for failure to sample, and me uarter. EP or DOH)	ide) all requirements of the -06 the attached analysis results will result in notification of the DOH Satisfactory: Yes No
do HEREBY (National Envir Signature * Failure to provide in rejection of the Bureau of Labon ** Please provide COMPLIANC Sample Collect Replacement	(Print Name) CERTIFY that ronmental Lat ide a valid and on e report, possible atory Services. e radiological sar E DETERMIN ction Info Sati-	all attached analytical data poratory Accreditation Confusion Florida DOH tab certification enforcement against the public mple dates locations for each quality (to be completed by Disfactory: Yes N	Laboratory (Print T a are correct and unless noted meet ference (NELAC). Date: 12-Dec on number and a current Analytis Sheet for water system for tailure to sample, and me uarter. EP or DOH) Sample Analysis Info S group(s) above)	ide) all requirements of the -06 the attached analysis results will result in notification of the DOH Satisfactory: Yes No
do HEREBY (National Envir Signature Failure to provide in rejection of the Bureau of Labon Please provide COMPLIANC Sample Collect Replacement	(Print Name) CERTIFY that ronmental Lab ide a valid and on e report, possible atory Services. e radiological sar E DETERMIN ction Info Sati- ent Sample(s) Monitoring Re [IMCL(s) E.	all attached analytical data poratory Accreditation Confusion Accreditation Confusion and February Accreditation Confusion and February Accreditations for each quarter and the public mple dates locations for each quarter and the public mple dat	Laboratory (Print T a are correct and unless noted meet ference (NELAC). Date: 12-Dec on number and a current Analysis Sheet for water system for failure to sample, and me uarter. EP or DOH) Sample Analysis Info S group(s) above) Revised Report Rec s) above) (Detection(s) Location Unsatisfactory	itie) all requirements of the -06 the attached analysis results will result result in notification of the DOH Satisfactory: Yes No
do HEREBY (National Envir Signature Failure to provide in rejection of the Bureau of Labon Please provide COMPLIANC Sample Collect [Replacement Additional Reason(s):	(Print Name) CERTIFY that ronmental Lat ide a valid and cue report, possible atory Services. In radiological sar E DETERMIN ction Info Sati- ent Sample(s) Monitoring Re IMCL(s) E IMISSING A	all attached analytical data poratory Accreditation Confusion Florida BOH tab certification enforcement against the public mple dates locations for each quarton (to be completed by Disfactory: Yes Nequested (circle or highlight group) acceeded analyte Sheet(s)	Laboratory (Print T a are correct and unless noted meet ference (NELAC). Date: 12-Dec on number and a current Analyse Sheet for water system for failure to sample, and me uarter. EP or DOH) Sample Analysis Info S group(s) above) Revised Report Rec s) above) [Detection(s)] Location Unsatisfactory	ide) all requirements of the
do HEREBY (National Envir Signature *Failure to provide in rejection of the Bureau of Labon ** Phease provide COMPLIANC Sample Collect Replacement Additional Reason(s):	(Print Name) CERTIFY that ronmental Lat ide a valid and on a report, possible atory Services. a radiological sar E DETERMIN ction Info Sati- ent Sample(s) Monitoring Re [Mincl(s) E	all attached analytical data poratory Accreditation Confusion Formation and the public enforcement against the public mple dates locations for each quarted (or be completed by Disfactory: Yes Ni Requested (orde or highlight group) acceeded analyte Sheet(s)	Laboratory (Print T a are correct and unless noted meet ference (NELAC). Date: 12-Dec on number and a current Analysis Sheet for water system for failure to sample, and me uarter. EP or DOH) Sample Analysis Info S group(s) above) Revised Report Rec s) above) (Detection(s) Location Unsatisfactory	itie) all requirements of the -06 the attached analysis results will result in notification of the DOH Satisfactory: Yes Notice and

HARBOR BRANCH ENVIRONMENTAL LABORATORIES, INC.

DISINFECTION BYPRODUCTS ANALYSES 62-550.310(3)

Client:

Aqua Utilities Florida, Inc.

Report Number/ Job ID

Chuluota DW THM/HAA5

Sample Location:

803 Mazurka Grab

Disinfectant Residual (mg/L

Sample Number:

2127340002

PWS ID

3590186

Sampling Date:

11/16/06 13:00

Date Received:

11/16/06 15:00

Conta ID	m Contam Name	MCL	Units	Analysis Result	Qualifier	Analytical Method	Lab MDL	Analysis Date	Analysis Time	Lab ID
			÷				•			
2450	Monochioroacetic Acid	(NÁ)	ug/L	0.88	Ų	EPA 552.1	0.88	11/28/06	11:17 PM	E96080
2451	Dichloroacetic Acid	, INA)	ug/L	4.6		EPA 552.1	0.66	11/28/06	11:17 PM	E96080
2452	Trichloroacetic acid	[N/A]	ug/L	1.1	• •	EPA 552.1	0.20	11/28/06	11:17 PM	E96080
2453	Monobromoacetic Acid	[NA]	ug/L	0.28	y	EPA 552.1	0.28	11/28/06	11:17 PM	E96080
2454	Dibromoacetic Acid	[NA]	ug/L	9,4		EPA 652.1	0.18	11/28/06	11:17 PM	E96080
2456	Total Haloscatic Aolds (HAA5)	[60]	ug/L			•				
				: •						
2941	Chloroform	(NA)	ug/L	9.2	: .	EPA 524.2	0.25	11/30/06	2:28 PM	E96080
2942	Bromoform	(NA)	ug/L	44		EPA 524.2	0.41	11/30/06	2:28 PM	E96080
2943	Bromodichloromethane	(NA)	. ug/L	28		EPA 524.2	0.25	11/30/06	2:28 PM	E96080
2944	Dibromochloromethane	[NA]	yg/L	-63		EPA 524.2	0,30	11/30/06	2:28 PM	E96080
2950	Total Trihalomethanes	[80]	ug/L	144,2	P. 1					

NOTE: Do not round values. Report results to the accuracy, precision, and sensitivity of the analytical method used. Totals for haloacetic acids and total trihalomethanes will be calculated by DEP or DOH.

Reporting Format 62-550,730 Effective January 1995, Revised January 2004

5600 US 1 North Fort Pierce, FL 34946 FDOH # E96080 4185 St. Johns Plwy Suite 1300 Sanford, FL 32771 FDOH # E83509



307 Coolidge Avenue Lehigh Acres, PL 33936 FDOH # E86370 16331 Cortez Bivd Brooksville, FL 34601 FDOH # E84418

Printed: 12/12/06

^{*} Results must be reported with appropriate qualifiers in accordance with Florida Administrative Code Rule 62-160, Table 1. Results Cuslified with A, F, H, N, O, T, Z, 7, *, any unacceptable for compliance with 62-550. Results qualified with a J, Q, R, or Y must be accompanied by written justification and will be evaluated on a case by case basis. To avoid a manifering violation, unacceptable results must be replaced with acceptable results from temples collected during the same monitoring period.

HARBOR BRANCH ENVIRONMENTAL LABORATORIES, INC.

CERTIFICATE OF ANALYSIS [2127340]

Client: Aqua Utilitles Florida, Inc.

Workorder ID: Chuluota DW THM/HAA5

Parameter Qualifier	Result	Units	Reporting Limit	Method	Laboratory Batch	Prep Date/Time	Analyzad Dala/Time	Analysi	Lab ID
Laboratory ID: 2127340001 Sample ID: 390 Lik. Land	elle Grab			Sampled: 11/16/0		Received reported on	: 11/16/08 Wet Weight I		me est t =
Bromodichloromethane	30	ug/L	0.25	EPA 524.2	V0C2731	1 4 **	11/30/06 13:6		E96080
Bromoform	43	ug/L	0.41	EPA 524.2	VOC2731		11/30/06 13:54	WR.	E96080
Chaproform	14	ug/L	0.25	EPA 524.2	VOC2731		11/30/06 13:54	e wr	E96080
Dibromochloromethana	64	ug/L	0.30	EPA 524.2	VQC2731		11/30/06 13:54	WR.	E96080
Total THMs	150 ISI	ug/L	0.50	EPA 524.2	VOC2731		11/30/06 13:54	WR	E96080
Dibromoacetic Acid	13	ug/L	0.18	EPA 552.1	PEST4829	11/28/06 14:17	11/28/08 22:4	t JL	E96080
Dichloroacetic Acid	6.3	ug/L	0.68	EPA 652.1	PESTAR20	11/28/06 14:17	11/25/06 22:41	. JL	E9508D
Monobromoacetic Acid	0.42	ug/L	0.28	EPA 552.1	PEST4029	11/28/06 14:17	11/28/05 22:41	! JL	E96080
Monochloroacetic Acid	0.88 U	.uo/L :	0.89	EPA 652.1	PEST4829	11/28/06 14:17	11/28/06 22:41	i JL	E96080
Total HAAs	22	µg/L	0.18	EPA 552.1	PESTAB29	11/28/06 14:17	11/28/05 22:4	J.	E96080
Trichloroacetic acid	2.1	ugal	0.20	EPA 552.1	PEST4029 .	11/29/06 14:17	11/20/08 22:41	JL I	E96080
Laboratory ID: 2127340602 Sample ID: 803 Mazurks	Grab			Sampled: 11/16/06 Matrix: Water		Received:			
Eromodichloromethane	28	บg/โ.	0.25	ERA 524.2	VOC2731		11/30/06 14:20		E96080
Bromoform	44	ua/l	0.41	EPA 524.2	VOC2731		11/30/06 14:28	WR	E96080
Chloroform	9.2	ug/t	0:25	EPA 524.2	VOCZ/31		1,1/30/06 14:21	WR	E96080
Olbromochloromethane	63	ug/L	9,30	EPA 524.2	VQCZ731	• •	11/30/06 14:28	MR f	E960B0
Total THMe	140 144.	Zupl.	0.50	EPA 824.2	VDC2731		11/30/08 14:28	WR.	E96080
Dibromoacetic Acid	9.4	ug/L	0.18	EPA 552.1	PEST4829	11/25/06 14:17	11/28/06 23:17	ı i	E96080
Dichloroacetic Acid	4.6	ug/L	0.66	EPA-552.1	PEST4829	11/25/06 14:17	11/25/06 23:17	JL	E96080
Monobromosostic Acid	0:28 U	Jei	0.28	EPA 552.1	PES74829	11/28/06 14:17	11/28/06 23:17	JL.	E96080
Monochloroacetic Acid	U 58:0	ug/L	0,88	EPA 552.1	PEST4829	11/28/06 14:17	11/28/05 23:17	JL	£96080
Total HAAs	15	ug/L	Q.18	EPA 552,1	PEST4829	11/28/06 14:17	11/20/06 23:17	J.	E96080
Trichloroacetic acid	1.1	ug/L	0.20	EPA 662.1	PEST4829	11/26/08 14:17	11/28/06 23:17	JL.	E96080
Laboratory ID: 2127340003	4 37 4			Sampled:		. Received:	11/16/06	15:00	
Sample ID: TRIP BLANK	(2.* 1 *	•	Matrix: Water -	4	reported on V	Net Weight B	Basis	
Bromodichloromethane	0.25 U	ug/L	0.25	EPA \$24.2	VOC2731		11/30/08 15:02	WR	E96080
Bromolom	0.41 U	ug/L	0.41	EPA 524.2	VOC2731		11/30/08 15:02	WR	E96080
Chloroform	0.25 U	ng/L	0.25	EPA 524.2	VOC2731		11/30/06 15:02	WR	E96080
Dibromochloromethane	0.30 U	ug/L	0.30	EPA 524.2	VOC2731		11/30/06 15:02	WR	E96060
Total THMs	0.50 U	ug/L	0.50	EPA 524.2	VOC2731		11/30/06 15:02	WR	E96080

1Result Qualifiers: U = Not Detected I = Analyte detected between the Laboratory Method Detection Limit and Laboratory Reporting Limit Applicable Fronda Department of Environmental Protection Qualifiers defined below. Statement of Estimated Uncertainty available upon request.

5600 US 1 North Fort Pierce, FL 34946 FOOH # E96080

Printed: 12/12/06

4155 St. Johns Pkwy Suite 1300 Sanford, FL 32771 FDOH # E83509





DISINFECTION BYPRODUCTS ANALYSES 62-550.310(3)

Citent:

Agua Utilities Florida, Inc.

Report Number/ Job ID

Chuluota DW THMs

Sample Location:

WP #5 POE Grab

Disinfectant Residual (mg/L

Sample Number:

2023435002

PWS ID

Sampling Date:

12/30/05 11:00

Date Received:

1/04/06 8:40

Contam

Contam Name

MCL

Analysis Units. Result

Analytical Qualifler Method

Leb MDL

Date

Analysis Analysis Time

Lab ID

			_					_	
2941	Chloroform	[N/A]	ug/L	8.0	EPA 524.2	0.25	1/06/06	12:52 PM E	E 9 60 0 0
2942	Bromoform	(AVA)	ug/L	27	EPA 524.2	0.41	1/06/06	12:52 PM	E96080
2943	Bromodichloromethane	[N/A]	ug/L	23	EPA 524.2	0.25	1/06/06	12:52 PM E	E96080
2944	Dibromochloromethane	[N/A]	υg/L	46	EPA 524.2	0.30	1/06/06	12:52 PM	E96080
2950	Total Trihelomethanes	[80]	ug/L				•		

NOTE: Do not round values. Report results to the accuracy, precision, and sensitivity of the analytical method used. Totals for halpacetic acids and total trihalomethanes will be calculated by DEP or DOH.

Reparting Format 62-550.730 Effective January 1995, Revised January 2004

* Recidis must be reported with appropriate qualifiers in accordance with Fiorida Administration Code Rulo 82-180, Table 1. Results Qualified with A. F. H. N. O. T. Z. 7. *, ore unacceptable for compliance with 82-560. Results qualified with 8 J. Q. R. or Y must be accompanied by written justification and will be evaluated on a case by man besit. In evoid a more long violation, unacceptable rocklis must be replaced with acceptable results from samples collected during the same monitoring part

5600 US 1 North Fort Pierce, FL 34946 FDOH # E96080

Printed: 1/11/06

4155 St. John's Pkwy Suite 1300 Sanford, FL 32771

FDOH # E83509



307 Coolidge Avenue Lehigh Acres, FL 33936 FDOH # E85370

2514 Osawaw Boulevard Spring Hill, FL 34607 FDOH # E84418

HARBOR BRANCH ENVIRONMENTAL ABORATORIES. 9600 U.S. i North, Fort Pierce Ft. 34545 Thoma (772) 465-2400. Ext. 285 | Page (772) 467-1584

Date issued: October 31, 2006

To: **Brian Heath**

Aqua Utilities Florida, Inc.

140 Hope Street

Longwood, FL 327505141

Client:

Aqua Utilities Florida, Inc.

Workorder ID: Chuluota Wells TOC

[2127129]

Received:

10/19/06 15:06

Dear Brian Heath:

Analytical results presented in this report have been reviewed for compliance with the HARBOR BRANCH Environmental Laboratories Inc.'s (HBEL) Quality Systems Manual and have been determined to meet applicable Method guidelines and Standards referenced in the July 2003 National Environmental Laboratory Accreditation Program (NELAP) Quality Manual unless otherwise noted. The Analytical Results within these report pages reflect the values obtained from tests performed on Samples As Received by the laboratory unless indicated differently.

FDOH Safe Drinking Water Act, Clean Water Act and RCRA Certification #'s: E98080, E83509, E85370, E84418

Questions regarding this report should be directed to the Report Signatory at (772) 465-2400, Ext. 285 referencing the HBEL Workorder ID [Number].

Respectfully submitted.

Cindy Cromer

Technical Director or Designee

Note: This report is not to be copied, except in full, without the expressed written consent of the HARBOR BRANCH Environmental Laboratories, Inc.

5600 US 1 North Fort Pierce, FL 34945 4155 St. Johns Pkwy Suite 1300 Sanford, FL 32771

FDOH # E83509

307 Coolldge Avenue Lehigh Acres, FL 33936 Brooksville, FL 34601 FDOH # E86370

16331 Cortez Blvd FDOH # E84418

FDOH # E96080 Printed: 10/31/06

Page 1 of 4

HARBOR BRANCH ENVIRONMENTAL LABORATORIES, INC. 5500 U.S. | North, Fort Phince FL 34946 Phone (772) 465-2400, Ert. 296 Pap (772) 467-584

Quality Control Summary

Client:

Aqua Utilities Florida, Inc.

Workorder ID: Chuluota Wells TOC

Received:

10/19/06 15:06

[2127129]

MB=Mathod Blank LCS=Leboratory Control Sample LCSD=Laboratory Control Sample Duplicate MS=Matrix Splice MSD=Meets Splice Duplicate DUP=Sample Duplicate

HBEL Sample

Method Narratives (if Applicable)

Number

Analytical Method Sample ID

Description

Quality Control Summary

Method HBEL Batch Analyte

Analytical Issue

HARBOR BRANCH ENVIRONMENTAL LABORATORIES, INC. SECO U.S. I NOT. PROPERTY SECONDARY ASTASSA

CERTIFICATE OF ANALYSIS [2127129]

Client: Aqua Utilities Florida, Inc.

Workorder ID: Chuluota Wells TOC

Parameler	Qualifier	1 Result	Units	Reporting Limit	Method	Laboratory Batch	Prep Date/Time	Analyzed Date/Time	Analyst	Lab ID
Laboratory ID; Sample ID:	2127129001 Well #1 Grab				Sampled: 10/19/06 Matrix: Water		Received,	10/19/06		
TOC		2.3	mg/L	0.28	EPA 415.1	WCGE28518	•••	10/31/08 1:34		E96080
Laboratory ID: Sample ID:	2127129002 Well #2 Grab				Sampled: 10/19/06 Matrix: Water		Received: reported on \	10/19/06 Net Weight F		· · · · · · · · · · · · · · · · · · ·
TOC		2,0	mg/L	0.28	EPA 415.1	WCGE26518	•	10/31/08 1:34	GG	E96080
Laboratory ID: Sample ID:	2127129003 Well #3 Grab				Sampled: 10/19/06 Matrix: Water		Received: reported on V			
TOC		1.9	rng/L	0.28	EPA 415.1	WCGE26518	4	10/31/06 1:34		E96080
Laboratory ID: Sample ID:	2127129004 Well #5 Grab			-	Sampled: 10/19/06 Matrix: Water		Received:			• •
TOC		1.5	mg/L	0.28	EPA 415.1	WCGE28518	· ·	10/31/06 1:34		E96080

Result Qualifiers: U = Not Detected | = Analyte detected between the Laboratory Method Detection Limit and Laboratory Reporting Limit
Applicable Florida Department of Environmental Protection Qualifiers defined below. Statement of Estimated Uncertainty available upon request.

4
<u> </u>
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HARBOR BRANCH ENVIRONMENTAL LABORATORIES, INC. Agreement to Parket

Chain-of-Custody

USE BALL POINT PEN: Laboratory not responsible for omitted information

_FDOH # E96060

PRESS HARO

DATETIME WY 20-06

FDOH # E85370

307 Coolidge Avenue

RECEIVED BY DATE/TIME

	5600	US I North	Fort P	lerce 6	34	5, INC. 946 92 (772) 467-589	Agreement to A	nd: Periorin Services	<u>.</u>		NON	GREYE	D ARE			,5. † No eyce, Fl		oolidge Avenue Acres, FL 33936
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Sampled	Ву:	T.11	7 00	A E T	HY		Requires Labor	alory Approval									SH-Sodiem Hydradda	U-Unpreserved
LABID	COLLE	CTION	å	i ×	Si de	SAMP	LE DESCR	IPTION	00		ļ						COMN	MENTS
	DATE	TIME	Sumple	MATRIX	• Conta	As W	ll Appear On	Report	1								0010111	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
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002	7.1	1245	G	OW	1	WELLH	2		X								PH= 78	
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HARBOR BRANCH ENVIRONMENTAL ABORATORIES, INC.

Date Issued: October 31, 2006

To:

Brian Heath Aqua Utilities Florida, Inc. 140 Hope Street Longwood, FL 327505141

Client:

Aqua Utilitles Florida, Inc.

Workorder ID: Chuluota #1 DW SQC

[2025982]

Received:

10/05/06 13:00

Dear Brian Heath;

Analytical results presented in this report have been reviewed for compliance with the HARBOR BRANCH Environmental Laboratories Inc.'s (HBEL) Quality Systems Manual and have been determined to meet applicable Method guidelines and Standards referenced in the July 2003 National Environmental Laboratory Accreditation Program (NELAP) Quality Manual unless otherwise noted. The Analytical Results within these report pages reflect the values obtained from tests performed on Samples As Received by the laboratory unless indicated differently.

FDOH Safe Drinking Water Act, Clean Water Act and RCRA Certification #'s: E96080, E83509, E85370, E84418

Questions regarding this report should be directed to the Report Signatory at (772) 465-2400. Ext. 285 referencing the HBEL Workorder ID [Number].

Respectfully submitted,

Cindy Cromer

Technical Director or Designee

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Note: This report is not to be copied, except in full, without the expressed written consent of the HARBOR BRANCH Environmental Laboratories, Inc.

5600 US 1 North Fort Pierce, FL 34946 FDOH # E96080

4155 St. Johns Pkwy Suits 1300 Sanford, FL 32771 FDOH # E83509

307 Coolidge Avenue Lehigh Acres, FL 33938 Brooksville, FL 34601 FDOH # E86370

16331 Cortez Blvd FDOH # E84418

Printed: 10/31/06

Page 1 of 4

HARBOR BRANCH ENVIRONMENTAL LABORATORIES, INC. 5600 U.S. I North, Fort Phece R. 34946 Phone (772) 465-2400, Ext. 285 Pax (772) 467-584

Quality Control Summary

Client:

Aqua Utilities Florida, Inc.

Workorder ID: Chuluota #1 DW SOC

Received:

10/05/06 13:00

[2025982]

MB=Method Blank LCS=Laboratory Control Sample LCSD=Laboratory Control Sample Duplicate M9=Method Blank LCS=Laboratory Control Sample Duplicate

HBEL Sample

Method Narratives (if Applicable)

Number

Sample D

Analytical Method

Description

2025982001

POE Grab

EPA 525.2

No MS/MSD analyzed in batch. Precision and Accuracy determined with LCS/LCSD

EPA 548.1

No MS/MSD analyzed in batch: Precision and Accuracy determined with LCS/LCSD

Quality Control Summary

Method

HBEL Batch Analyte

Applytical Issue

EPA 505

PEST4811

2025982001 Decachlorobiphenyl

Surrogate - Outside acceptance Limits.

HARBOR BRANCH ENVIRONMENTAL LABORATORIES, INC. 5600 U.S. | North Fort Place R. 34946 Phone (772) 465-2400, Oct. 265 Proc (772) 467-1584

CERTIFICATE OF ANALYSIS [2025982]

Client: Aqua Utilities Florida, Inc.

Workorder ID: Chuluota #1 DW SOC

Parameter	Qualifier	Result	Units	Reporting Limit	Method	Laboratory Batch	Prep Date/Time	Analyzed Date/Time	Analysi	Lab ID
	025982001 OE Grab				Sampled: 10/05/ Metrix: Water		Received on		13:00	
1,2-Dibromo-3- chloropropane		0.0020 U	ug/ 1.	0.0020	EPA 504.1	PEST4805	10/12/06 13:08			E96080
1,2-Dibromoethane		0,0048 U	ug/L	0.0048	EPA 504.1	PEST4805	10/12/06 13:06	10/12/06 23:16	JL.	E96080
Chlordane		0.13 U	ug/L	0.13	EPA 505	PEST4811	10/10/06 13:42	10/10/08 22:28	JL.	E96080
Endrin		0.099 U	ug/L	0.099	EPA 505	PEST4811	10/10/06 13:42	10/10/06 22:26		E96080
gamma-BHC (Lindane)	}	0.019 U	vg/L	0.019	EPA 505	PEST4811	10/10/06 13:42	10/10/05 22:26	JL.	E96080
Heptachlor	*	0.035 U	ug/L	0.035	EPA 505	PEST4811	10/10/06 13:42	10/10/06 22:28	JL.	E96080
Heptachlor epoxide		0.027 U	ug/L	0.027	EPA 505	PEST4811	10/10/06 13:42	10/10/08 22:26	JL	E96080
Methaxyphlor		0.043 U	ug/L	0.043	EPA 505	PEST4811	10/10/06 13:42	10/10/06 27:26	Л	£96080
PCB		0.13 U	ug/L	0.13	EPA 505	PEST4811	10/10/05 13:42	10/10/06 22:26	JL.	E96080
Toxaphene		0.59 U	ug/L	0.59	EPA 505	PEST4811	10/10/08 13:42	10/10/06 22:28	JL	E96080
2,4,5-TP		0.19 U	ug/L	0.19	EPA 515.1	PEST4812	10/13/05 7:39	10/19/08 15:00	JL.	E96080
2,4-0		0.22 U	ug/L	0.22	EPA 515.1	PEST4812	10/19/06 7:39	10/19/06 15:00	JL	E96080
Dalapon		2.3 Ü	ug/L	2.3	EPA 515.1	PEST4812	10/13/06 7:39	10/19/06 15:00	JL.	E96080
Dinoseh		0.23 U	ug/L	0.23	EPA 515.1	PEST4812	10/13/06 7:39	10/19/08 15:00	JL	E96080
Pentachlorophenol		0.39-U	ug/L	0.39	EPA 515.1	PEST4812	10/13/08/7:39	10/19/06 15:00	Ä.	E960B0
Picioram		0:23 U	ug/L	0.23	EPA 515.1	PEST4812	10/13/06 7:39	10/19/06 15:00	JL.	E96080
Alachfor		0.60 1)	ug/L	0.60	EPA 525.2	SVOC2450	10/13/06 9:19	10/25/08 19:53	WR	E96060
Atrazine		0.48 U	ug/L	0.48	EPA:525.2	SVOC2450	10/13/06 9.19	10/25/06 19:53	WR	E960 60
Benzo(a)pyrene		0.069 U	ug/L	0.069	EPA 525.2	SVCC2450	10/13/06 9:19	10/25/08 19:53	WR	E96080
bis(2-ethylhexyl)phthat	a/B	0.83 U	ug/L	0.83	EPA 525.2	SVOC2450	10/13/06 9:19	10/25/06 19:53	WR	E96080
Di(2-ethylhexyl)adipale		0.87 U	ug/L	0.87	EPA 525.2	SVOC2450	10/13/06 9:19	10/25/08 19:53	WR	E96080
Hexachlorobenzene		0.30 V	ug/L	: 0.30	EPA:525.2	5VQC2450	10/13/06 9:19	10/25/06 19:53	WR	E96060
Hexachiorocyclopenta	diene	0.23 U	υ g/ L	0.23	EPA 525.2	SVOC2450	10/13/06 9:19	10/25/06 19:53	WR	E96080
Simazine		0.62 U	ug/L	0.62	EPA 525.2	SVOC2450	10/13/08 9:19			E98080
Carbofuran		0.18 U	ugiL	0.18	EPA 531.1	HPLC2339		10/11/06 18:36	אננ נ	E96080
Oxamyt		0.41 U	ug/L	0.41	EPA 531.1.	HPLC2319		10/11/06 18:36		E96080
Glyphosale		26 U	ug/L	26	EPA 547	HPLC2341		10/16/08 12:43	MLL (E96080
Endothall		2.8 U	ug/L	2.8	EPA 548.1	SVOC2447	10/11/08 10:19	10/23/06 17:37		E96080
Diquat		4.8 U	ug/L	4.B	EPA 549.2	HPLC2340	10/10/06 5:59	10/12/06 14:44	JJM	E96080

I = Analyte detected between the Laboratory Method Detection Limit and Laboratory Reporting Limit ¹Result Qualifiers: U = Not Detected Applicable Florida Department of Environmental Protection Qualifiers defined below. Statement of Estimated Uncertainty available upon request,

5600 US 1 North Fort Pierce, FL 34946 FDOH # E98080

Printed: 10/31/05

4155 St. Johns Pkwy Suite 1300 Sanford, FL 32771 FDOH # E83509





HARBOR BRANCH

Phone (772) 465-2400, Ext. 285 Fax: (772) 467-584

Chain-of-Custody

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Methad(s) of

. Agreement to Perform Services

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Laboratory not responsible for omitted information

FDOH # E98080 5800 U.S. 1 North

Fort Pierce, FL 34946

FDOH# E85370 307 Coolidge Avenue Lehigh Acres, FL 33936

IN ACCOM

FDOH # E83509

FDOH # E84418

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	Long	Jwaod	F	<i>1</i>	_Zip:	32750	e-mail:		its/mé		tody S			pt.		1 45 4 707 60	<u> </u>
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		·	 		_												
	Sample Type		C=Co	mpesit	9	-	* Matrix: S=Solld St.#Sludge:	DW Drinkuro	Water	GW=Gn	end W	ater SV	≑Surfa	ce Wat	er WW	=Wastewater, M=Marine	
10	REUNQUISH DATE/TIME	ED BY	1/2	<u>-4/</u>	4_		RELINQUISHED BY		<u>-</u>			JISHED	ву				
T Page	RECEIVED B						RECEIVED BY	-141			ATEMI		JDEL C	HETCH	V DV 🙈		
, g	DATE/TIME	10-5	06		T.e		DATESTIME /S/5 40 M	-/ 71	5 5	- r	ATE/TR	ME (C	IOCL C	V(_	7.81Q	marde Statio	
Distribution:	WHITE with	REPORT:	YELL	OW for	FILE:	PINK to CLIENT	GOLD for SAMPLER				•					DAGE	

Florida Department of Environmental Protection

Safe Drinking Water Program Laboratory Reporting Format PUBLIC WATER SYSTEM INFORMATION (to be completed by sampler - Please type or print legibly) System Name: Chuluota #1 PWS I.D. #: 3 5 9 0 1 8 6 System Type (check one) X Community Address: 107 F 7+h 3+. city: Chulunta) State: F1. ZIP Code: 32750 Phone #: C6 407-339-0484 Fax#: 407-339-7490 E-Mail Address: SAMPLE INFORMATION (to be completed by sampler) Sample Number: Location Code (If known): Sample Date: 10/05/06 Sample Time: Sample Location (be specific): POE Grab Disinfectant Residual (Required when reporting results for trihalomethanes and haloacetic acids): Reason(s) for Sample (Check at that apply) Sample Type (Check Only One) Quarterly (Which Qir?____ Distribution Routine Compliance (with 62-550) | |Confirmation of MCL Exceedence* | |Special (not for compliance with 62-550) Entry Point (to Distribution) | Widation Resolution Replacement (of Invalidated Sample) Raw (at well or intake) | Other: Max Residence Time Sambling Procedure Used of Other Comments: Ave Residence Time Near First Customer ** See 62-550.550(4) for requirements and *See 62-550,500(6) for requirements and restrictions. attach a results page for each site. Note: See 62-550.512(3) for additional requirements for Nitrate or Nitrite MCL exceedences. Sampler's Name: Terry McCorthy Sampler's Fax#: 407-339-7490 Sampler's Phone #: 407-339-5484 Sampler's E-Mail Address: N/A-CERTIFICATION (to be completed by sampler) Operator Print Title Terry McCarthy do HEREBY CERTIFY that the above public water system and sample collection information is completed and correct.

Reporting Format 62-550,730 Effective January 1995, Rovised January 2004

Signature:

Date:

	RRENT DOH ANALYTE SHEET	to be completed by lab - Please type or print legibly)
Lab Name:	Harbor Branch Environmental Labor	atories, Inc. Florida Certification #: E96080
Address:	5600 US 1 North	A state of the sta
	Fort Pierce, FL 34946	Certification Expiration Date: 06/30/2007 Phone #: (772) 465-2400 Ext. 285
ANALYSIS II	NFORMATION (to be completed by tab)	Date Sample(s) Received:: 10/5/06
	n Page 1): <i>35</i> 90186	Sample Number (From Page 1): OO /
	Report Number or Job ID:	2025982001
Group(s) Ana	lyzed and Results attached for complia	nce with Chapter 62-550, F.A.C. (Check all that apply):
inorgate inorgate inorgate in inorgate in inches in inch	anics Synthetic Organics 17 All 30 Itial X All Except Dioxin Tate Partial Iffe Dioxin Only bestos Only	Volatile Organics All 21
AT INCH DOTA	<u> </u>	TIFICATION
1,		Laboratory Director
do HEREBY ((Print Name)	(Print Title) ta are correct and unless noted meet all requirements of the
Signature		Date: 31-Oct-95
* Fallure to provi in rejection of the Bureau of Labor ** Please provide	de a valid and current Florida DCH lab certifica e report, possible enforcement against the publ	tion number and a current Analyte Sheet for the attached analysis results will result in water system for failure to sample, and may result in notification of the DOH quarter.
Sample Collec	ction Info Satisfactory: Yes	No Sample Analysis Info Satisfactory: Yes Mo
Replacem	ent Sample(s) Requested (circle or highligh	t group(s) above) Revised Report Requested (circle or highlight group(s) above
	Monitoring Required (circle or highlight group	
Reason(s):	MCL(s) Exceeded Missing Analyte Sheet(s)	Detection(s) Incomplete Report Location Unsatisfactory Analysis Unsatisfactory
• •	Other:	
Person Notifie	Other:	Date Notified:
.,	Other:	



SYNTHETIC ORGANICS 62 - 550.310 (4) (b)

Cllent:

Aqua Utilities Florida, Inc.

Workorder:

Chuluota #1 DW SOC

Sample Location:

POE Grab

Sample Number:

2025982001

Sampling Date:

10/05/06 11:00

Date Received:

10/05/06 13:00

iD	Parameter	MCL	Units	Result	Qual,	Method	MDL	RDL	Extracted Date	Analyzed Date/Time	Lab ID
2005	Endrin	[2]	ug/L	0.099	U	EPA 505	0.099	0.40	10/10/06	10/10/06 22:26	E96080
2010	gamma-BHC (Lindane)	[0.2]	ug/L	0.019	υ	EPA 505	0.019	0.076	10/10/06	10/10/06 22:26	E96080
2015	Methoxychlor	[40]	ug/L	0.043	U	EPA 505	0.043	0.17	10/10/06	10/10/08 22:26	E96080
2020	Toxaphene	[3]	ug/L	0.59	U	EPA 505	0:59	2.4	10/10/06	10/10/06 22:28	E 96 080
2031	Dalapon	[200]	ug/L	2.3	U	EPA 515.1	2.3	9.2	10/13/06	10/19/06 15:00	E96080
2032	Diquat	[20]	лб/Г	4.B	U	EPA 549.2	4.8	19	10/10/06	10/12/06 14:44	E96080
2033	Endothall	[100]	ug/L	2.8	U	EPA 548.1	2.8	11	10/11/08	10/23/06 17:37	E96080
2034	Glyphosate	[700]	ug/L	26	U	EPA 547	26	100		10/16/06 12:43	E96080
2035	DI(2-ethylhexyl)adipale	[400]	ug/L	0.67	U	EPA 525.2	0.67	2.7	10/13/06	10/25/06 19:53	E98080
2036	Oxamyl	[200]	ug/L	0.41	u	EPA 531.1	0.41	1.6		10/11/06 18:36	E95080
2037	Strazine	[4]	ug/L	0.62	. U	EPA 525.2	0,62	2.5	10/13/06	10/25/06 19:53	E96080
2039	bls(2-ethylhexyl)phthalate	[6]	ug/L	0.83	υ	EPA 525.2	0.83	3.3	10/13/06	10/25/06 19:53	E96080
2040	Picloram	[500]	ug/L	0.23	Ù	EPA 515.1	0.23	0.92	10/13/06	10/19/06 15:00	E96080
2041	Dinoseb	[7]	ug/L	0.23	U	EPA 515.1	0.23	0.92	10/13/08	10/19/06 15:00	E96080
2042	Hexachlorocyclopentadione	[50]	ug/L	0.23	U	EPA 525.2	0.23	0.92	10/13/06	10/25/06 19:53	E96080
2046	Carbofuran	[40]	ug/L	0:18	Ū	EPA 531.1	0.18	0.72		10/11/06 18:38	E96080
2050	Alrazine	[3]	ug/L	0.48	Ü	EPA 525.2	0:48	1,9	10/13/06	10/25/06 19:53	E96080
2051	Alachior	[2]	ug/L	0.60	U	EPA 525:2	0.60	2.4	10/13/06	10/25/08 19:53	E96080
		•				: .					
2065	Heptachlor	[0.4]	ug/L	0.035	U	EPA 505	0.035	0.14.	10/10/06	10/10/06 22:26	E96080
2067	Heptachlor epoxide	[.2]	ug/L	0.027	U	EPA 505	0.027	0.11	10/10/06	10/10/06 22:26	E96080
2105	2,4-D	[70]	ug/L	0.22	U	EPA 515.1	0.22	0.88	10/13/06	10/19/06 15:00	E96080
2110	2,4,5-TP	[50]	ug/L	0.19	U	EPA 515.1	0.19	0.76	10/13/06	10/19/08 15:00	E96080
2274	Hexachiorobenzene	[1]	ug/L	0.30	U	EPA 525.2	0.30	1.2	10/13/06	10/25/06 19:53	E96080
2306	Benzo(a)pyrene	[.2]	ug/L	0.069	U	EPA 625.2	0.069	0.28	10/13/06	10/25/06 19:53	E96080
2326	Pentachlorophenol	[1]	ug/L	0.39	υ	EPA 515.1	0.39	1,6	10/13/06	10/19/08 15:00	E96080
2383	PCB	[.5]	ug/L	0.13	U	EPA 505	0.13	0.52	10/10/06	10/10/06 22:26	E96080
2931	1,2-Dibromo-3-chloropropane	[.2]	ug/L	0.0020	υ	EPA 504.1	0.0020	0.0080	10/12/06	10/12/06 23:16	E96080
2945	1,2-Dibromoethane	[.02]	ug/L	0.0048	U	EPA 504.1	0.0048	0.019	10/12/06	10/12/06 23:16	E96080
2959	Chlordane	[2]	ug/L	0.13	U	EPA 505	0.13	0.52	10/10/06	10/10/06 22:26	E96080

Reporting Format 62-550 730 Effective Jenuary 1995, Revised January 2004 NOTE: Effective 1/1/2004, results indicating a non-detection with a reported MDL >50% of the MCL will not be accepted for compliance work with 62-559,310(4)(b)

* Respills must be reported with appropriate qualifiers in accordance with Florida Administrative Code Rule 62-160, Table 1. Rosuits Qualified with A. F. H. N. O. T. Z. 7. *, are unacceptable for compliance with 62-550. Results qualified with a J. C. R. or Y must be accompanied by written justification and will be evaluated on a case by case basis, To avoid a monitoring violation, unacognistic results must be replaced with acceptable results from samples collected during the same monitoring peri

5600 US 1 North Fort Pierce, FL 34946 4155 St. Johns Pkwy, Suite 1300 Sanford, FL 32771

FDOH # £83509

307 Coolidge Avenue 16331 Cortez Blvd. Lehigh Acres, FL 33936 Brooksville, FL 34601 FDOH # E85370 FDOH # E84418

FDOH # E96080 Printea: 10/31/06

HARBOR BRANCH ENVIRONMENTAL ABORATORIES, INC. 5900 U.S. | North, Fort Plance FL 34948 Phone: 1772) 465-2400, Edt 285 Pain (772) 467-584

Date Issued: October 31, 2006

To:

Brian Heath

Aqua Utilities Florida, Inc.

140 Hope Street

Longwood, FL 327505141

Client:

Aqua Utilities Florida, Inc.

Workorder ID: Chuluota #2 DW SOC

[2025983]

Received:

10/05/06 13:00

Dear Brian Heath;

Analytical results presented in this report have been reviewed for compliance with the HARBOR BRANCH Environmental Laboratories Inc.'s (HBEL) Quality Systems Manual and have been determined to meet applicable Method guidelines and Standards referenced in the July 2003 National Environmental Laboratory Accreditation Program (NELAP) Quality Manual unless otherwise noted. The Analytical Results within these report pages reflect the values obtained from tests performed on Samples As Received by the laboratory unless indicated differently.

FDOH Safe Drinking Water Act, Glean Water Act and RCRA Certification #s: E96080, E83509, E85370, E84418

Questions regarding this report should be directed to the Report Signatory at (772) 465-2400, Ext. 285 referencing the HBEL Workorder ID [Number].

Respectfully submitted.

Cindy Cromer

Technical Director or Designee

Note: This report is not to be copied, except in full, without the expressed written consent of the HARBOR BRANCH Environmental Leboratories, Inc.

5600 US 1 North Fort Pierce, FL 34946

4155 St. Johns Phwy Suite 1300 Sanford, FL 32771

FDOH # E83509

307 Coolidge Avenue Lehigh Acres, FL 33936 FDOH # E85370

16331 Cortez Blvd Brooksville, FL 34601 FDOH # E84418

FDOH # E96080 Printed: 10/31/06

Page t of 4

HARBOR BRANCH RONMENTAL LABORATORIES, INC. 5600 U.S. I North, Fort Pierce PL 34546 Phone (772) 465-2400, Ext. 285 Fee: (772) 467-584

Quality Control Summary

Client:

Aqua Utilities Florida, Inc.

Workorder ID: Chuluota #2 DW SOC

Received:

10/05/06 13:00

[2025983]

MB=Method Blank LCS=Laboratory Control Sample LCSD=Laboratory Control Sample Duplicate MS=Matrix Spike MSD=Matrix Spike Duplicate DUP=Sample Duplicate Method Narratives (If Applicable)

HBEL Sample Number

Sample ID

Analytical Method

Description

2025983001

POE Grab

EPA 525.2

No MS/MSD analyzed in batch. Precision and Accuracy determined with LCS/LCSD

EPA 548.1

No MS/MSD analyzed in batch. Precision and Accuracy determined with LCS/LCSD

Quality Control Summary

<u>Method</u> HBEL Batch Analyte

Analytical Issue

EPA 504.1

PEST4805

2025983001 1,2,3-Trichloropropane

Surrogate - Outside acceptance Limits.

EPA 505

PEST4611

2025983001 Decachlorobiphenyl

Surrogate - Outside acceptance Limits.

HARBOR BRANCH ENVIRONMENTAL LABORATORIES, INC.

CERTIFICATE OF ANALYSIS [2025983]

Client: Aqua Utilities Florida, Inc.

Workorder ID: Chuluota #2 DW SOC

Parameter	Qualifier	Result	Units	Reporting Limit	Method	Laboratory Batch	Prep Date/Time	Analyzed Date/Time	Analysi	Leb ID
Laboratory ID: Sample ID:	2025983001 POE Grab				Sampled: 10/05/0		Received s reported on		13:00	
1,2-Dibromo-3- chloropropane		0.0020 U	ug/L	0.0020	EPA 504.1	PEST4805		10/12/08 23:46		E96080
1,2-Dibromoethane		0.0046 U	u g/L	0,0046	EPA 504.1	PEST4805	10/12/06 13:06	10/12/06 22-41		E00000
Chlordane		0.13 U	∪g/L	0.13	EPA 505	PEST4811		10/10/06 22:55		E96080
Endrin		6.10 U	ug/L	0,10	EPA 505	PEST4811	10/10/06 13:42			E95080
gamma-BHC (Linda	ine)	0.020 U	υg/L	0.020	EPA 505	PEST4811	10/10/08 13:42	•		E96060
Heplachlor	·	0.038 U	nayr	0.038	EPA 505	PEST4811	10/10/05 13:42			E96080
Heplachlor epoxide		0.927 U	ug/L	0.027	EPA 505	PEST4811	10/10/06 13:42		-	E96080
Methoxychtor		0.044 U	บg/L	0.044	EPA 505	PEST4811	10/10/06 13:42	10/10/06 22:55		E96080
PCB	•	0.14 U	ug/L	0.14	EPA 505	PEST4811	10/10/06 13:42			E96080
Toxaphene		0.60 U	ug/L	0.60	EPA 505	PEST4811	10/10/06 13:42			E96080
2,4,5-TP		0.19 Ü	ug/L	0.19	EPA 515.1	PEST4812	10/13/06 7:39	10/19/05 15:33		E96080
2.4·D		0.22 U	սց∕L	0.22	EPA 515.1	PEST4812	10/13/06 7:39	10/19/06 15:33	JL	E96080
Dalapon		2.3 U	ug/L	2.3		PEST4812		10/19/08 15:33	-	E36080
Dinoseb		0.23 U	ug/L	0.23	EPA 515.1	PEST4812		10/19/08 15:33		E96080
Pentachlorophenot		Ó 39 U	ug/L	0,39	EPA 515.1	PEST4812		10/19/05 15:33	JL	E96080
Pictoram		0.23 U	ug/L	0.23	EPA 515.1	PEST4812		10/19/06 15:33	JL	E96080
Alachior		0.80 U	ug/L	0.60	EPA 525.2	SVOCZ450	10/13/06 9:19	10/25/05 20:32	-	E96080
Atrazine		0.47 U	ug/L	0.47		SVOC2450	10/13/06 9:19	10/25/05 20:32	WR	E96080
Benzo(a)pyrene		0.068 U	ug/L	9.068		SVDC2450		10/25/06 20:32		E96080
bls(2-ethylhexyl)phtl	halate	0.83 U	ug/L	0.83		SVOC2450		10/25/06 20:32	WR	E96080
Di(2-ethylhexyl)adip		0.88 U	ug/L	0.68		SVOC2450	10/13/06-9:19	10/25/08 20:32	•	E96080
Hexachlorobenzene		0.30 U	ug/L	0.30		SVDC2450	10/13/06 9:19	10/25/06 20:32		E96080
Hexachlorocyclopen		0.23 U	ug/L	0.23	MI TI UEDIG	SVOC2450	10/13/06.9:19	10/25/06 20:32	WR	E96080
Simazine	INCARDI RE	0.62 U	nayr nayr	0:62		SVOC2450		10/25/06 20:32	WR	E96080
Carbofurán		0.18 U	ug/L	0.18	17 000.7	HPLC2339		10/11/06 19:08		E96080
Oxamyl		0.41 U	ug/L	0.41		HPLC2339		10/11/05 19:08		E96080
Glyphosate		28 U	ug/L	26		HPLC2341		10/15/06 12:58		E96080
Endothall		2.6 U	•	2.8	u .,,,,,,,		10/11/06 10:19	10/23/06 17:59	WR	
		4.8 U	adyr Tag	4.8	D 7, 410, 1	HPLC2340		10/12/06 17:55		E96080
Diquat		4.5 U	ug/L	4.0	era 393/2	in the	101 (OUG) 3:33	(G,F) (OU)2(W)	PAINI	E96080

Result Qualifiers: U = Not Detected I = Analyte detected between the Laboratory Method Detection Limit and Laboratory Reporting Limit
Applicable Florida Department of Environmental Protection Qualifiers defined below. Statement of Estimated Uncertainty available upon request.

5600 US 1 North Fort Pierce, FL 34948 FDDH # E96080 4155 St. Johns Pkwy Suite 1300 Sanford, FL 32771 FDOH # E83509

Printed: 10/31/06



307 Coolidge Avenue Lehigh Acres, FL 33936 FDOH # E85370

16331 Cortez Blvd Brooksville, FL 34601 FDOH#E84418

Page 3 of 4



ENVIRONMENTAL LABORATORIES, INC.

5600 US I North, Fort Place, PL 34946 Phone: (772) 465-2400, Ext. 285 Fax. (772) 457-1584

Chain-of-Custody

and

Agreement to Perform Services.

USE BALL POINT PEN

PRESS HARD COMPLETELY FILL OUT ALL NON GREYED AREAS Laboratory not responsible for emitted information

FDOH # E96080

FOOH # E85370 307 Coolidge Avenue Lehigh Acres, FL 33936

Company: AQUAL UHILE Fax: (772) 467-158. Address: 140 Hope St.	Method(s) of Shipment:	-		EGIBLY	416 Sui Sar		FL 34946 L E83509 Ins Pkwy.	ehigh Acres, FL 33936 FDOH # E84418 16331 Cartez Blvd. Brookeville, FL 34801
Phone: 407 339 5434 Fax: 407 329 7494 Client Contact: Bill T. pws#3590186 Project Name: Chuluoto #2 Sampled By: Terry McOuthy LAB ID COLLECTION & SAMPL	1	Checked N	PRES ANALYSE	ERVATIVE S REQUES	Chie	t. Kođ	LAB#2	Prvaticen Key Id Primprime Acid ST-Sodiere This cutting
00 1/10/5/06 10 25 Q DN 3 POE 10/5/06 1025 Q DN 1 POE 10/5/06 1025 Q DN 1 POE 10/5/06 1025 Q DN 3 POE 10/5/06 1025 Q DN 3 POE	Appear On Report	1/803	- 1	E-HOT-	50S 540S	628	COM <u>c 2 = 19</u> ph = 7	
DATE OATE	TUCK GV/TJ	331	W=Grothid Wi	PUED BY	Secret Wester	ı www.	aslewers (* (42 K	
DATE/TIME 10-5 80 / DATE Distribution: WHITE with REPORT; YELLOW for FILE: PINK to CLIENT: GO	11 BAE / 1 . //-/	:01	PLECEIVE DATE/TIM	D FOR HBEE		BY C	hack louse	265

PUBLIC WATER SYSTEM INFORMATION (to be completed by sampler - Please type or print legibly)
System Name: Chuluoto #a PWS I.D. # 3 5 9 0 1 8 6
System Type (check one) X Community Nontransient Noncommunity Transient Noncommunity
Address: Brumley Rd.
city: Chuluotou state: F1. zipcode: 3a750
Phone #: 407-339-5484 Fax #: 407-339-7490
E-Mail Address:
SAMPLE INFORMATION (to be completed by sampler)
Sample Number: OO Location Code (# known):
Sample Date: 10/05/06 Sample Time: 10:25 AM
Sample Location (be specific): POE Grab
Disinfectant Residual (Required when reporting results for trihalomethanes and haloacetic acids): mg/L Field pH:
The state of the s
Distribution
[X Entry Point (to Distribution)
X Entry Point (to Distribution) Confirmation of MCL Exceedence' Special (not for compliance with 62-550) Plant Tap not for compliance with 62-550) Composite of Multiple Sites** Violation Resolution
Confirmation of MCL Exceedence* Special (not for compliance with 62-550) Plant Tap not for compliance with 62-550) Composite of Multiple Sites** Violation Resolution Raw (at well or intake) Clearance (permitting) Replacement (of Invalidated Sample) Max Residence Time Other:
Confirmation of MCL Exceedence* Special (not for compliance with 52-550) Plant Tap not for compliance with 52-550) Composite of Multiple Sites** Violation Resolution Raw (at well or intake) Clearance (permitting) Replacement (of Invalidated Sample) Max Residence Time Other: Ave Residence Time Sampling Procedure Used or Other Comments:
Confirmation of MCL Exceedence* Special (not for compliance with 62-550) Plant Tap not for compliance with 62-550) Composite of Multiple Sites** Violation Resolution Raw (at well or intake) Clearance (permitting) Replacement (of Invalidated Sample) Max Residence Time Other:
Confirmation of MCL Exceedence* Special (not for compliance with 62-550)
Confirmation of MCL Exceedence* Special (not for compliance with 62-550) Plant Tap not for compliance with 62-550)
Confirmation of MCL Exceedence* Special (not for compliance with 62-550) Composite of Multiple Sites** Violation Resolution Raw (at well or intake) Clearance (permitting) Replacement (of Invalidated Sample) Max Residence Time Other: Near First Customer Sampling Procedure Used or Other Comments: Near First Customer See 62-550,500(6) for requirements and restrictions. See 62-559,550(4) for requirements and restrictions. attach a results page for each site. Sampler's Name: Terry McCortty
X Entry Point (to Distribution) Confirmation of MCL Exceedence* Special (not for compliance with 62-550) Plant Tap not for compliance with 62-550) Composite of Multiple Sites** Violation-Resolution Raw (at well or intake) Clearance (permitting) Replacement (of Invalidated Sample) Max Residence Time Other. Ave Residence Time Sampling Procedure Used or Other Comments: Near First Customer See 62-550.500(6) for requirements and restrictions. See 62-550.500(4) for requirements and Note: See 62-550.512(3) for additional requirements attach a results page for each site. Sampler's Name: Terry McCorthy Sampler's Fax #: 407-339-7490.
Confirmation of MCL Exceedence* Special (not for compilance with 62-550) Plant Tap not for compilance with 62-550 Composite of Multiple Sites** Violation Resolution Raw (at well or intake) Clearance (permitting) Replacement (of Invalidated Sample) Max Residence Time Dother: Note: See 62-550.500(6) for requirements and restrictions. See 62-550.500(6) for requirements and restrictions. See 62-550.500(6) for requirements and restrictions. See 62-550.500(6) for requirements and results page for each site. Sampler's Name: Terry McCorthy Sampler's Phone #: 407-339-5434 Sampler's Fax #: 407-339-7490 Sampler's E-Mail Address: CERTIFICATION (to be completed by sampler) Operator Print Name Print Name Operator Print Title Operator Print
Confirmation of MCL Exceedence' Special (not for compliance with 62-550) Plant Tap not for compliance with 62-550 Composite of Multiple Sites'' IViolation Resolution Replacement (of Invalidated Sample) Replacement (of Invalidated Sample) Replacement (of Invalidated Sample) Max Residence Time Other: Near First Customer See 62-550.500(6) for requirements and restrictions. See 62-550.500(6) for requirements and restrictions. See 62-550.512(3) for additional requirements attach a results page for each site. Sampler's Name: Terry McCorthy Sampler's Fax #: 407-339-7490 Sampler's Fax #: 407-339-7490 Sampler's E-Mail Address:

	RENT DOH ANALYTE SHEET	(NATY) HINN (ID be could)	leted by lab - Please ty	ypė or print legibly)	
Lab Name:	Harbor Branch Environme	ental Laboratories. In	nc. Fiorida Ce	ertification #:	E96080
Address:	5600 US 1 North		Certification Exp		06/30/2007
	Fort Pierce, FL 34946		Phone #:		• • • •
	• • • • • • • • • • • • • • • • • • • •	. .	•		400 Ext. 285
	FORMATION (to be complete		Sample(s) Receive	•	10/5/06
PWS ID (From	1 Page 1): 359018.6	, Samj	ple Number (From	Page 1): 00	I
Lab Assigned	Report Number or Job ID:		2025983001		
Group(s) Anal	yzed and Results attached	for compliance with	Chapter 62-550, F	A.C. (Check all the	nat apply):
Inorga	anics Synthetic O	rganics	Volalile Organi	ics Disir	fection Byproducts
jAil	17 All 30			1.	Trihalomethanes
i iPa	rtial jK All Exce	pt Dioxin	Partial	Í	Haloacetic Acids
Nit	rate Partial			**	Bromate
Nit	1 •1	only	Radionuclide	• •	Chlorite
Asl	pestos Only		Single Sar	•	Secondaries
Mara any ana	hionn aicheantrachada	Von V Nim	Qtrly Com	posite	[Ali 14
were any ana	lyses subcontracted?	_Yes X No			Partial
	provide DOH certification no NALYTE SHEET FOR EACH SU			,	••
AT IMOLITORIA	MACTIC GREET ON EAST SO	CERTIFICAT	LÀN.		•
I,	Cindy Cromer			horotosa Directo	
*1 .	(Print Name)	مريند ۾ انڊيم <u>سيڪيي واقعب</u>	<u> La</u>	(Print Title)	,
	ERTIFY that all attached a conmental Laboratory Accre			oted meet all req	uirements of the
Signature	Cing ann	<u>.</u>	Date:	31-Oct-96	
*Failure to provid	le a valid and current Florida DO	Hiab certification number	r and a current Analyk	e Sheet for the attac	hed analysis results will result
In rejection of the Bureau of Labora	report, possible enforcement ag	ainst the public water sys	stem for failure to same	ple, and may result i	n notification of the DOH
" Please provide	radiological sample dates locati				
	E DETERMINATION (to be c		•		
	tion Info Salisfactory:	• •	_	ysis Info Satisfac	7 12 1
	ent Sample(s) Requested (c		xove) Revised Re	eport Requested	(citcle or highlight group(s) above)
	Monitoring Required (circle or				
Reason(s):	MCL(s) Exceeded Missing Analyte Sheet(s	• •	letection(s) ocation UnsatIsfac	, .	ncomplete Report Analysis Unsatisfactory
Person Notifie	i)Other:		 D	la kialifad	
Comments:	u.			te Notified:	Andrew Control of the
Date Reviewed	, (-	DEP/DOH R	eviewing Official;	·	The second secon
	· -	Format 62-550.730 Effection	•	anusty 2004	

ENVIRONMENTAL ABORATORIES, INC. 5500 U.S. | North, Fort Pierce FL 34945 Phone: (772) 485-2400, Ext. 285 | Fax: (772) 4574584

SYNTHETIC ORGANICS 62 - 550.310 (4) (b)

Client:

Aqua Utilitles Florida, Inc.

Workorder:

Chuluota #2 DW SOC

Sample Location:

POE Grab

Sample Number.

2025983001

Sampling Date:

10/05/06 10:25

Date Received:

10/05/06 13:00

ID OI	Parameter	MCL	Units	Result	Qual.	Method	MDL	RDL	Extracted Date	Analyzed Date/Time	Lab ID
2005	Endrin	[2]	ug/L	0.10	U	EPA 505	0.10	0.40	10/10/06	10/10/06 22:55	E96080
2010	gamma-BHC (Lindane)	[0.2]	ug/L	0.020	U	EPA 505	0.020	0.080	10/10/06	10/10/06 22:55	E96080
2015	Methoxychlor	[40]	ug/L	0.044	U	EPA 505	0.044	0.18	10/10/06	10/10/08 22:55	E96080
2020	Toxaphene	[3]	ug/L	0.50	υ	EPA 505	Ö:60	2.4	10/10/06	10/10/06 22:55	E96080
2031	Dalapon	[200]	ug/L	2.3	U	EPA 515.1	2,3	9.2	10/13/06	10/19/06 15:33	E96080
2032	Diquat	[20]	սց/∟	4.8	U	EPA 549.2	4.8	19	10/10/06	10/12/08 14:51	E96080
2033	Endothali	[100]	ug/L	2.8	u	EPA 548.1	2.8	11	10/11/08	10/23/08 17:59	E96080
2034	Glyphosate	[700]	ng/L	26	U	EPA 547	26	100		10/16/06 12:58	E96080
2035	DI(2-ethylhexyl)adlpate	[400]	ug/L	0.66	U	EPA 525.2	0.66	2.6	10/13/06	10/25/06 20:32	E96080
2036	Oxamyi	[200]	ug/L	0.41	U	EPA 531.1	0.41	1.6	N.	10/11/06 19:08	E96080
2037	Simazine	[4]	ug/L	0.62	ប	EPA 525.2	0.62	2.5	10/13/06	10/25/06 20:32	E96080
2039	bis(2-ethylhexyl)phthalate	[6]	ug/L	0.83	Ù	EPA 525.2	0.83	3.3	10/13/05	10/25/06 20:32	E96080
2040	Picloram	[500]	ug/L	0.23	U	EPA 515.1	0.23	0.92	10/13/06	10/19/06 15:33	E960B0
2041	Dinoseb	[7]	υg/L	0:23	U	EPA 515.1	0.23	0.92	10/13/06	10/19/08 15:33	E96080
2042	Hexachiorocyclopentadiane	[50]	ug/L	0.23	U	EPA 525.2	0.23	0.92	10/13/06	10/25/06 20:32	E96080
2046	Carbofuran	[40]	ug/L	0.18	Ú	EPA 531.1	0.18	0.72		10/11/08 19:08	E96 080
2050	Atrazine	[3]	ug/L	0.47	U	EPA 525.2	0.47	1.9	10/13/06	10/25/08 20:32	E96080
2051	Alachlor	[2]	ug/L	0.60	U	EPA 525.2	-0:60	2.4	10/13/06	10/25/06 20:32	E98080
2065	Heptachlor	[0.4]	ug/L	0.036	υ	EPA 505	0.036	0,14	10/10/06	10/10/06 22:55	E96080
2067	Heptachior epoxide	[.2]	ug/L	0.027	U	EPA 505	0.027	0.11	10/10/06	10/10/06 22:55	E96080
2105	2,4-D	[70]	uġ/L	0.22	U	EPA 515.1	0.22	88.0	10/13/08	10/19/06 15:33	E96080
2110	2,4,5-TP	[50]	ug/L	0.19	U	EPA 515.1	0.19	0.76	10/13/06	10/19/06 15:33	E98080
2274	Hexachlorobenzene	[1]	ug/L	0.30	Ü	EPA 525.2	0.30	1.2	10/13/06	10/25/06 20:32	E96080
2306	Benzo(a)pyrene	[.2]	vg/L	880.0	υ	EPA 525.2	0.068	0.27	10/13/06	10/25/06 20:32	E96080
2326	Pentachlorophenol	[1]	ug/L	0.39	U	EPA 515.1	0.39	1.6	10/13/06	10/19/06 15:33	E96080
2383	PCB	[.5]	ug/L	0.14	U	EPA 505	0.14	0.56	10/10/06	10/10/06 22:55	£96080
2931	1,2-Dibromo-3-chioropropane	[.2]	ug/L	0.0020	Ü	EPA 504.1	0.0020	0800.0	10/12/06	10/12/06 23:48	E96080
2946	1,2-Dibromoethane	[.02]	ug/L	0.0046	U	EPA 504.1	0.0046	0.018	10/12/06	10/12/06 23:48	€96080
2959	Chlordane	[2]	ug/L	0.13	U	EPA 505	0.13	0.52	10/10/06	10/10/06 22:55	E96080

Reporting Format 82-550,730

Effective January 1995, Royland January 2004

NOTE: Effective 1/3/2004, results indicating a non-detection with a reported MDL >50% of the MCL will not be accepted for compliance work with 82-550.310(4)(b

Results must be reported with appropriate qualifiers in accordance with Florida Administrative Code Rule 62-160, Table 1. Results Qualified with A, F, H, N, O, T, Z, 7, 1 are unaccoptable for compliance with 62-550. Results qualified with a J, Q, R, or Y must be accompanied by written justification and will be evaluated on a case by case basis. To evoid a monitoring violation, unacceptable results must be replaced with acceptable results from samples collected during the same monitoring cost

5600 US 1 North Fort Pierce, FL 34946 FDOH # E96080

4155 St. Johns Pkwy, Suite 1300 Sanford, FL 32771

FDOH # E83509



307 Coolidge Avenue Lehigh Acres, FL 33936 Brooksville, FL 34601 FDOH# E85370

16331 Cortez Blvd. FDOH# E84418

Printed 10/31/06

HARBOR BRANCH ENVIRONMENTAL LABORATORY

5600 U.S. 1 North, Fort Pierce, FL 34946 (772) 465-2400, Ext. 285

October 19, 2006

Brian Heath Aqua Utilities Florida, Inc. 140 Hope Street

Longwood

FL

327505141

Client:

Aqua Utilities Florida, Inc.

Workorder ID:

Chuluota HAA5

[2126935]

Received:

9/27/06 2:32:00 PM

Dear Brian Heath

Analytical results presented in this report have been reviewed for compliance with the Harbor Branch Environmental Laboratory Comprehensive Quality Assurance Plan (FDEP CQAP #870174) and applicable quality control criteria. The quality control parameters evaluated have met all method and compliance criteria unless otherwise noted on a Quality Control Summary Page immediately following this coversheet.

FDOH Safe Drinking Water Act, Clean Water Act and RCRA Certification #'s:

E96080, E83509, E85370, E84418

Note: This report is not to be copied, except in full, without the expressed written consent of the Harbor Branch Environmental Laboratory.

Respectfully submitted,

Cindy Cromer

Laboratory Director

Southeast Florida

Fort Plence, FL 34946

FDQH # E96080 Printed: 10/19/06 Central Florida

Senford, OFL 32771

FDOH # E83509

Fort Myers Area

Lehigh Acres, FL 33930

FDOH # E85370

West Central Florida Brooksville, Ft 34501 FDOH # E84418

PUBLIC WATER SYSTEM INFORMATION	(to be completed by sampler - Please type or p	rint legibly)
System Name: Chuluotau	PWS I.D. #:	3590186
System Type (check one) X Communit		
Address: 118 E 7+6 St.		
Chuluota	State: 171	
Phone # C/O 407-339-548	11 Env# 1101 .22	Δ ¬ L Δ Δ
P. 14-14 Address.		YE/HUO
•	e o come de la composition della composition della composition della composition della composition della composition della composition della composition della composition della composition della composition della composition della composition della composition della composition della composition della composition della composition della composition del	
SAMPLE INFORMATION (to be completed by	Samplel)	201
Sample Number: 2 2(26935 c		
Sample Date: 9/27/04		Commence of the commence of th
Sample Location (be specific): 3/c	LK LANGUE	mental and control of the party
Disinfectant Residual (Required when reporting	results for trihalomethanes and heloacetic acids)	05 mg/L Fleld pH: 7.9
Sample Type (Check Only One)	Reason(s) for Sample (c	check all that apply)
Distribution	XiRoutine Compliance (with 62-550)	Quarterly (which Qir?
i_)Entry Point (to Distribution)	Confirmation of MCL Exceedence*	Special (not for compliance with 62-550)
Plant Tap not for compliance with 62-550)	Composite of Multiple Sites**	Violation Resolution
Raw (at well or Intake)	Clearance (permitting)	Replacement (of Invalidated Sample)
XiMax Residence Time	Other:	manutes remaine a range a range of the sam
Ave Residence Time Near First Customer	Sampling Procedure Used or Other Cor	nments:
*See 62-550,500(6) for requirements a Note: See 82-550,512(3) for additions for Nitrale or Nitrite MCL exceed	ten dostie zinemarkiper le	50(4) for requirements and ults page for each site.
Sampler's Name: Terry McCo	ethy	mana a di manana kandana , , , mberi propinsi in ini ini ini ini ini
Sampler's Phone #: 407 509 830		107-339-7490
	The straight strong interprise to the straight s	
CERTIFICATION (to be completed by sampler)		
1. Terry Moorthy _	Opec_	Print Title
do HEREBY CERTIFY that the above public	c water system and sample collection info	ormation is
completed and correct.	$I \cap I$	4 - 1 - 1
Signature: Clause Burner 67 550	Let Los Date: 10/	12410b
Reponya rosmal 02-330	AT SULT TO THE CARREST OF THE PROPERTY AND THE PROPERTY A	

LABORATORY CERTIFICATION INFORMATION	to be completed by lab - Please type or print	legibly)
ATTACH A CURRENT DOH ANALYTE SHEET		
Lab Name: Harbor Branch Environmental Labo	ratories, Inc. Florida Certification	n#: E96080
Address: 5600 US 1 North	Certification Expiration Da	ate: 06/30/2007
Fort Pierce, FL 34946		
ANALYSIS INFORMATION (to be completed by lab)	Date Sample(s) Received:;	
PWS ID (From Page 1): 3590186	Sample Number (From Page 1):	001
Lab Assigned Report Number or Job ID: 200		
Group(s) Analyzed and Results attached for complia	ance with Chapter 62-550, F.A.C. (Cl	neck all that apply):
Inorganics Synthetic Organics	Volatile Organics	Disinfection Byproducts
All 17 All 30		Trihalomethanes
Partial All Except Dioxin	Partial	X Haloacetic Acids
Nitrate Partial	~-	! Bromate
Nitrite Dioxin Only	Radionuclides	Chlorite
Asbestos Only	[]Single Sample	
	[] Qtrly Composite**	Secondaries
Were any analyses subcontracted? X Yes	1	∏AN 14
•		Partial
If yes, please provide DOH certification numbers: ATTACH DOH ANALYTE SHEET FOR EACH SUBCONTRAC		arene of the family of the property of the application of the second of
	RTIFICATION	•
I, Cindy Cromer		Director
(Print Name)	(PTRLI	rue)
do HEREBY CERTIFY that all attached analytical di National Environmental Laboratory Accreditation Co		t all requirements of the
Signature Cining Comm	Date: 19-Oct	-06
* Failure to provide a valid and current Florida DOH lab certific	ation number and a current Analyte Sheet for	the attached energies results will result
in rejection of the report, possible enforcement against the public	lic water system for failure to sample, and mi	ry result in notification of the DOH
Bureau of Laboratory Services. ** Please provide radiological sample dates locations for each	. marier	
COMPLIANCE DETERMINATION (to be completed by		
	No Sample Analysis Info S	Satisfactory: [[]Yes]No
Replacement Sample(s) Requested (circle or highlig	hi group(s) above) []Revised Report Rei	quested (circle or highlight group(s) above)
Additional Monitoring Required (circle or highlight group	:p(s) above)	
Reason(s): "iMCL(s) Exceeded	[]Detection(s)	Incomplete Report
Missing Analyte Sheet(s)	Location Unsatisfactory	Analysis Unsatisfactory
Other:	Date Notifie	and a second control of the second control o
		ď:
Comments:	EPIDOH Reviewing Official:	and the state of t
Date Reviewed:	EFIDOR Reviewing Official.	
Reporting Formal 82-550	1.730 Effective January 1995, Revised January 2004	

SOUTHERN ANALYTICAL LABORATORIES, INC.

110 EN 70 EW BOULEVARD, DUDISMAR, FL 34677 213-855-1044 Nx 813-855-2813



Harbor Branch Environmental Laboratory

Drinking Water Analyses Sample ID: 2126935001

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	W	46.5	ъ.
	1 5 3	7.5	
i			

October 18, 2006

Sample No.; 63937.07

PWS ID:

Disinfectant Residual (mg/L):

Disinfection Byproducts 62-550.310(3)

Contaminant				Analysis		Analytical	Lab MDL	Ánalysis Date	Applicate Their	DOH Leb Certification
	Narrie	MCL	Unils	Kesun	. Qualifier	Method	L90 MOL	Date	Analysis Time	#
2450	Monochloroacetic Acid	N/A	µg/L	1	U	EPA 552.2	1	10/13/06	07:39	£84129
2451	Dichloroacetic Acid	N/A	µg∕t∟	2.7	1	EPA 552.2	1	10/13/06	07:39	E84129
2452	Trictiloroace Eg Acid	NA	#g/L	1.4	1	EPA 552.2	4	10/13/06	07:39	E84129
2453	Monobromoacetic Acid	A\/A	ug/L	1.7	1	EPA 552.2	i	10/13/06	07:39	E84129
2454	Dibinimacette Acid	N/A	µg/L	דז		EPA 552.2	1	10/13/06	07:39	EB4129
2456	Total Haloscelic Acids	60	ιώ/L	16.8		EPA 552.2	1	10/13/06	07:39	E84129

' Gualifiers:

The reported value is between the laboratory meltind detection limit and the laboratory practical quantitation bmit.

Analyte was undetected, indicated concentration is method detection finit.

PUBLIC WATER SYSTEM INFORMATION (to be completed by sampler - Please type or print legibly)							
System Name: Chuluota	PWS I.D. #:	3590186					
System Type (check one) !X!Communi							
Address: 118 E. 746 St.							
•	نتي ودن يه شيخت منتسون و ويسيد وي ۱۰۰ - مناسب يه ويسيستم و ۱۰ ميد استان ويدر در ۱۰۰ -						
city: Chuluota	State: F1.	ZIP Code:					
Phone # 0/0 407-339-546	84 Fax#: 407-339	-7490					
E-Mail Address: NIA	وهو ووندوا بالمستخدمة والأوادية ويوروان والمجووبة والموادات والمستخدمة						
SAMPLE INFORMATION (to be completed by							
Sample Number: 2/26/35 802	Location Code (if known):						
Sample Date: 7/27/06							
Sample Location (be specific): 203							
Disinfectant Residual (Required when reporting	results for trihatomethenes and haloacetic acids)	OL mg/L Field pH: 79					
Sample Type (Check Only One)	Reason(s) for Sample (c						
Distribution	K Routing Compliance (with 62-550)	Quarterly (which QL?					
[Entry Point (to Distribution)	Confirmation of MCL Exceedence*	Special (not for compliance with 62-550)					
Plant Tap not for compliance with 62-550)	Composite of Multiple Sites**						
Raw (at well or intake)	Chearance (permitting)	Replacement (of Invalidated Sample)					
X Max Residence Time	Other: Sampling Procedure Used or Other Col	MManie					
Ave Residence Time	Sampling Procedure Oseo of Other Col	milens.					
Near First Customer 'See 62-550 500(6) for requirements and restrictions. Note: See 62-550.512(3) for additional requirements for Nitrate or Nitrite MCL exceedences. ** See 62-550.550(4) for requirements and extend a results page for each site.							
Sampler's Name: Terry McCo	vthy.	and the second s					
Sampler's Phone #: 407 509 83							
Sampler's E-Mail Address: NIA		and the second s					
CERTIFICATION (to be completed by sampler)							
Terry McCarthy	Oper_	Print Title					
do HEREBY CERTIFY that the above publ		ormation is					
completed and correct. Signature: Utilities) Data: An	124/06					
Singstife: ///////							

LABORATORY CERTIFICATION INFORMATION	(to be completed by leb - Please type or print legibly)							
ATTACH A CURRENT DOH ANALYTE SHEET								
Lab Name: Harbor Branch Environmental Labo	pratories, Inc. Florida Certification #: E96080							
Address: 5600 US 1 North	Certification Expiration Date: 06/30/2007							
	Phone #: (772) 465-2400 Ext. 285							
ANALYSIS INFORMATION (to be completed by lab)	Date Sample(s) Received::							
	Sample Number (From Page 1): 008							
Lab Assigned Report Number or Job ID: 2126	 -							
Group(s) Analyzed and Results attached for compli	iance with Chapter 62-550, F.A.C. (Check all that apply):							
Inorganics Synthetic Organics	Volatile Organics Disinfection Byproducts							
; IAII 17 JAII 30	All 21 Trihalomethanes							
Partial All Except Oloxin	Partial Partial Ribacetic Acids							
Nitrate Partial	Bromale							
i Nitrite Dloxin Only	Radionuclides Chlorite							
Asbestos Only	Single Sample Secondaries							
, , ,	Qtrly Composite**							
Were any analyses subcontracted? X Yes	No Partial							
If yes, please provide DOH certification numbers:								
ATTACH DOH ANALYTE SHEET FOR EACH SUBCONTRAC	CTED LAB							
CE	RTIFICATION							
I. Cindy Cromer	Laboratory Director							
(Print Name)	(Print Title)							
do HEREBY CERTIFY that all attached analytical d National Environmental Laboratory Accreditation Co	data are correct and unless noted meet all requirements of the conference (NELAC).							
-	Date: 19-Oct-06							
Eathure to woulde a used and murrent Florida DOH lab cartific	cation number and a current Analyte Sheet for the attached analysis results will re-							
in rejection of the report, possible enforcement against the put	iblic water system for failure to sample, and may result in notification of the DOH							
Bureau of Laboratory Services. ** Please provide radiological sample dates locations for each	th mission							
COMPLIANCE DETERMINATION (to be completed by	y DEP or DOH)							
	No Sample Analysis Info Satisfactory: [Yes]							
. Replacement Sample(s) Requested (circle or highlik	ight group(s) above) ; Revised Report Requested (circle or highlight group(s) at							
Additional Monitoring Required (circle or highlight gro	oup(s) above)							
Reason(s): MCL(s) Exceeded	Detection(s) Incomplete Report							
! illinsing Analyte Sheet(s)	Location Unsatisfactory Analysis Unsatisfactor							
Other:	Date Notified:							
A CONTRACTOR OF THE PROPERTY O	DEP/DOH Reviewing Official:							
	50.730 Effective impulsity 1995, Revised January 2004							

SOUTHERN ANALYTICAL LABORATORIES, INC.

11054YMEW BOULEVANO, CILDEMAR, FL 194877 910-905-1944 Fax 610-805-0219



Harbor Branch Environmental Laboratory

Drinking Water Analyses Sample ID: 2126935002 October 18, 2006

Sample No.: 63937.08

PWS ID:

Disinfectant Residual (mg/L):

Disinfection Byproducts 62-550.310(3)

Confaminant IO	Contaminant Name	MCL	Unite	Analysis Result	Qualifier	Analytical Method	Lab MOL	Analysis Date	Analysis Time	DOH Lab Gertification #
2450	Monochloroacetic Acid	NA	µg/∟	1	U	EPA.552.2	1	10/13/06	.07:58	EB4129
2451	Dichtoreacetic Acid	NA	tial.	2.5	i	EPA 652.2	1	10/13/06	07:58	E84129
2 452	Trichloroscalic Acid	NIA	pg/t	1.4	l l	EPA 552.2	1	10/13/08	07:58	E84129
2453	Menobromoacelic Acid	NA	μg/L	1.8	l	EPA 552.2	1	10/13/06	07:58	E84129
2454	Dibramoscette Acid	N/A	ug/L	12		EPA 552.2	†	10/13/06	07:58	E84129
245 6	Total Haloacetic Acids	60	hôt.	17.7		EPA:552.2	1	10/13/06	07:58	E84129

· Qualifiers:

The reported value is behinden the inhoratory method detection limit and the laboratory practical quantitation limit.

U Aranyte was undetected, indicated concentration is method disection listed.

lo3937

Harber Branch
Environmental Laboratory

HARBOR BRANCH ENVIRONMENTAL LABORATORY 5600-U: S. 1 North, Fr Prote; PL 24946, 772-465-2400 ext. 292 RES: (772) 467-4584 CHAIN OF CUSTODY RECORD

Subcontracting from 1864 this REV this Effective Date 12/05/2062

HARBOR BRANCH ENVIRONMENTAL LABORATORY							Analysis required					COLUMN REMARKS		
COLECT NAME	<i>.</i>	AA 5							PRESERV	ATIVE		7		
								WHYZI				<u>.</u>		
worls type:	Coraporile > (Gest = C.	•	Preser H ₂ 3	mina: HCl = R, B, = 3, NOH = 8	1990, = M. No.SiO; = 8 W. Umpreschied = V	ы ,	2						
Wine - W	011 =0 011 =0	V. Grejonde	njiler = CTV	Speljape	·	ulcustor — WW, Soil a	solids =	47245						
دانسد دیشن	KNIYM	DATE	TD-E	TYPE REGISARDES TO Signer				1		Distriction.		nestvis.		
Ci	DW	9-21/24	1910	F	8126	9180018	1/	سسو				9,5	Beck	5AH.C
<u> </u>		Pelote	1330		2/26	21900119	1							and the second
03		2.21.06	1515		8/26	920 001 B	12							
04		9-26-56	1620		2/26	9210018	12	<u> </u>						
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<u> </u>		9-2706				928001 B	12	اس				•		
හා.		2216	1290		2126	995001		1						
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G4 CA8	Dis	97706				772 995					: :			

<u>.</u>
-
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HARBOR BRANCH ENVIRONMENTAL LABORATORIES. INC. SECTION OF THE PROPERTY OF THE

Chain-of-Custody

and

Agreement to Perform Services

USE BALL POINT PEN PRESS HARD COMPLETELY FILL OUT

Laboratory not responsible for amilted information

FDOH # 596080

Company: AQUA Util FLA Address: 140 HOPE 5t. LONGWOOD FL ZID: 32750 Phone: 407-339-5424 Fax:	Mathod(s) of Shipment:	12.10	COMPLETELY FILL LL NON GREYED AF PRINT L'EGIBLY FOR Lab Use O Custody Seals	FDC 255 Enter Delitona, F	# E85370 S. 1 North 307 Coolidge Avenue Lehigh Acrex, FL 33936 OH # E83509 prise Rd., Suite 1 2514 Osawaw Blvd. Spring Hill, FL 34607
Client Contact: BILL T	Standard Laboratory Turn Around Time	Checked	PRESERVATIVE	: Checked Y N	LAB# 2/2/6995
Sampled By: TMCCAXTAX LAB ID COLLECTION SAMPL DATE TIME SE SAMPL As Will	Or Rush in Business Days Requires Leboretory Approved E DESCRIPTION Appear On Report	Няяб	ANALYSES REQUES	STED	Preservation Kay Inhitypresident Acid Philosopenic Acid Inhibite Acid ST-Scotlann Sa-Sultaic Acid Thioquitae SH-Section Hydroxide Unterpreserved
002- 9/21/66 1310 G DW 1 398 LR 1	ZURKA .	X			COMMENTS C(2-0.5 pH-79 C(2-0.6 pH-79
Sample Type: G=Grab C=Composite					Tup to Seale
RELINQUISHED BY LONG CALLY RELING RECEIVED BY LONG FILE: PINK & LIENT. GOLD RECEIVED BY LONG FILE: PINK & LIENT. GOLD Distribution: WHITE WILL REPORT: YELLOW TO FILE: PINK & LIENT. GOLD	ED BY	470	Sigund Water SW=Surfa RELINQUISHED BY DATE/TIME RECEIVED FOR HOEL C DATE/TIME	co Water VW=W	astewater Marine

HARBOR BRANCH ENVIRONMENTAL ABORATORIES. INC. 10 U.S. | North, Fort Pierce Fl. 34946 ne (772) 465-2400, Ert. 285 | Fax. (772) 467-1584

Date issued: September 14, 2006

To:

Brian Heath

Aqua Utilities Florida, Inc.

140 Hope Street

Longwood, FL 327505141

Client:

Aqua Utilities Florida, Inc.

Workorder ID: Chuluota #2 DW Scan

[2126612]

Received:

8/22/06 13:05

Dear Brian Heath:

Analytical results presented in this report have been reviewed for compliance with the HARBOR BRANCH Environmental Laboratories Inc.'s (HBEL) Quality Systems Manual and have been determined to meet applicable Method guidelines and Standards referenced in the July 2003 National Environmental Laboratory Accreditation Program (NELAP) Quality Manual unless otherwise noted. The Analytical Results within these report pages reflect the values obtained from tests performed on Samples As Received by the laboratory unless indicated differently.

FDOH Safe Drinking Water Act, Clean Water Act and RCRA Certification #s: E96080, E83509, E85370, E84418

Questions regarding this report should be directed to the Report Signatory at (772) 465-2400, Ext. 285 referencing the HBEL Workorder ID [Number].

Respectfully submitted.

Cindy Cromer

Technical Director or Designee

Note: This report is not to be copied, except in full, without the expressed written consent of the HARBOR BRANCH Environmental Laboratories, Inc.

5600 US 1 North Fort Pierce, FL 34946 4155 St. Johns Pkwy Suite 1300 Sanford, FL 32771

FDOH # E83509

307 Coolidge Avenue Lehigh Acres, FL 33936 FDOH # E85370

16331 Cortez Blvd Brooksville, FL 34601 FDOH # E84418

Printed: 9/14/08

FDOH # E96080

Page 1 of 6

HARBOR BRANCH ENVIRONMENTAL LABORATORIES, INC. 5600 U.S. I North, Fort Plance Ft. 34945 Phone (772) 455-2400, Ert. 285 Fax: (772) 457-584

Quality Control Summary

Client:

Aqua Utilities Florida, Inc.

Workorder ID: Chuluota #2 DW Scan

Received:

8/22/06 13:05

[2126612]

MB=Method Blank LCS=Laboratory Control Sample LCSD=Laboratory Control Sample Duplicate MS=Matrix Spike MSD=Matrix Spike Duplicate DUP=Sample Duplicate

HBEL Sample

Method Narratives (If Applicable)

Number

Sample (D

Analytical Method

Description

2126512001

POE Grab

EPA 548.1

No MS/MSD analyzed in batch. Precision and Accuracy determined with LCS/LCSD

EPA 548.1

No MS/MSD analyzed in batch. Precision and Accuracy determined with LCS/LCSD

Quality Control Summary

Method HBEL Batch Analyte Analytical Issue

EPA 504,1

PEST4785

2126612001 1,2,3-Trichloropropane

Surrogate - Outside acceptance Limits.

EPA 505

PEST4788

2126612001 2126612001

Decachlorobiphenyl

Surrogate - Outside acceptance Limits.

Tetrachiorometaxylene

Surrogate - Outside acceptance Limits.

HARBOR BRANCH ENVIRONMENTAL LABORATORIES, INC. 5600 U.S. I North, Fort Please II. 34946 Phone (772) 465-5400, Et 285 Fact (772) 467-584

CERTIFICATE OF ANALYSIS [2128612]

Client: Aqua Utilities Florida, Inc.

Workorder ID: Chuluota #2 DW Scan

Parameter	Qualifier	Result 1	Units	Reporting Limit	Method	Laboratory Batch	Prep Date/Time	Analyzed Date/Time	Analyst	Lab ID
	126612001				Sampled: 08/2	2/06 10:00	Received	t: 08/22/06	13:05	~
Sample ID: P	OE Grab				Matrix: Water	Results	reported on	Wet Weight E	Basis	
Odor - Dechlorinated		4.1	T.O.N.	1.0	EPA 140.1	WCDE15048		08/22/06 17:04		E83509
рН	Q	7.77	SU	0.200	EPA 150.1	WCDE15054		08/23/06 13:55		E83509
Total Dissolved Solids		420	mg/L	5.0	EPA 160.1	WCDE15060		08/24/08 16:28	RM	E83509
Aluminum		0.0030 U	mg/L	0.0030	EPA 200.7	META8090		08/25/06 0:04	DM	E96080
Barium		0.018	mg/L	0.0018	EPA 200.7	METABO90		08/25/06 0:04	DM	E96080
Beryllium		0.00010 U	mg/L	0.00010	EPA 200.7	META8090		08/25/06 0:04	DM	E96080
Cadmium		0.00070 U	mg/L	0.00070	EPA 200.7	META8090		08/25/06 0:04	ÐM	E96080
Chromium		0.0018 U	mg/L	0.0018	EPA 200.7	META8090		08/25/06 0:04	DM	E96080
Copper		0.0014 U	mg/L	0.0014	EPA 200.7	META8090		08/25/06 0:04	DM	E96080
iron		0.16	mg/L	0.025	EPA 200.7	META8090		08/25/06 0:04	OM	E96080
Manganese		0.0087	mg/L	0.0037	EPA 200.7	M€TA8090		08/25/06 0:04	DM	E96080
Nickel		0.0020 U	mg/L	0.0020	EPA 200.7	META8090		08/25/06 0:04	DM	E96080
Silver		0.9010 U	mg/L	0.0010	EPA 200.7	META8090		08/25/06 0:04	DM	E96080
Sodium		75	mg/L	0.50	EPA 200.7	META8090		08/25/06 0:04	DM	E96080
Zinc		0.010 ป	mg/L	0.010	EPA 200.7	META8090		08/25/06 0:04	DM	E96080
Antimony		0.0042 U	mg/L	0.0042	EPA 200.9	META8093		08/26/06 12:19		E96080
Lead		0.00061 U	mg/L	0.00061	EPA 200.9	META8117		09/11/06 14:16	DM	E96080
Seienlum		0.0022 U	mg/L	0.0022	EPA 200.9	META8091		08/24/06 22:33	DM	E96080
Thallium		0.0010 U	mg/L	0.0010	EPA 200.9	META8096		09/1/06 0:41	DM	E96080
Mercusy		0.000060 U	-	0.000060			08/28/06 18:45	08/31/06 23:01	DM	E96080
Chioride		130	mg/L	5.0	EPA 300.0	IC6923		08/26/06 1:53	JL	E96080
Fluoride		0.077	mg/L	0.011	EPA 300.0	IC6918		08/23/06 17:02	JL	
Nitrate as N		0.083	mg/L	0.0030	EPA 300.0	IC6918		08/23/06 17:02		E96080
Nitrite as N		0.0022 U	mg/L	0.0022	EPA 300.0	IC6918		08/23/06 17:02	JL.	E96060
Suffate		16	mg/L	1.4	EPA 300.0	IC6923		08/26/06 1:53	JL.	E96080
Surfactants as LAS, Mol.wt.340		0.089	mg/L	0.042	EPA 425.1		08/23/06 14:45			E83509
1,2-Dibromo-3- chloropropane		0.00098 U	ug/L	0.00098	EPA 504.1	PEST4785	08/28/06 11:52	08/28/06 19:33	JŁ	E96080
1,2-Dibromoethane		0.0023 U	ug/L	0.0023	EPA 504.1	PEST4785	08/28/06 11:52	08/28/06 19:33	JL.	
Chlordane		0.13 U	ug/L	0.13	EPA 505	PEST4788	08/29/06 8:09	08/29/06 15:52		E96080
Endrin		0.10 U	ug/L	0.10	EPA 506	PEST4768				E96080
gamma-BHC (Lindane)		0.020 U	ug/L	0.020	EPA 505	PEST4788		08/29/06 15:52		E96080
Heptachlor		0.036 U	υ 9/ L	0.036	EPA 505	PEST4788		08/29/06 15:52		E96080
Heptachlor epoxide		0.027 U	ug/L	0.027	EPA 505	PEST4788		08/29/06 15:52		E96080
Methoxychlor		0.044 U	ug/L	0.027	EPA 505	PEST4788		08/29/06 15:52		E96080
PCB		D.14 U	ug/L	0.14	EPA 505	PEST4788		08/29/06 15:52		E96080
Toxaphene		_	ug/L	0.60						E96080
2, 4,5-T P			ug/L ug/L	0.00	EPA 505	PEST4788		08/29/06 15:52		E96080
2, 4 -D			na\r na\r	0.19	EPA 515.1			08/31/06 19:25		E96080
Dalapon			ng/L	2.3	EPA 515.1			08/31/06 19:25		E96080
Dinoseb		_	ug/L	0.23	EPA 515.1 EPA 515.1			08/31/06 19:25 08/31/06 19:25		E96080
600 US 1 North	415	5 St. Johns F	kwy Sulte	1300		07 Coolidge At	renue	16331 Corte		E96080
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doted: 9/14/06	۳۵۱)H # £83509		Z	a According E	DOH # E85370)	FDOH # E8	1418	

Printed: 9/14/06



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HARBOR BRANCH ENVIRONMENTAL LABORATORIES, INC.

CERTIFICATE OF ANALYSIS [2126612]

Client: Aqua Utilities Florida, Inc.

Workorder ID: Chuluota #2 DW Scan

Parameter	Qualifier	1 Result	Units	Reporting Limit	Method	Laboratory Batch	Prep Date/Time	Analyzed Date/Time	Analyst	. Lab Ol
Pentachlorophenol		0.39 U	ug/L	0.39	EPA 515.1	PEST4787	08/28/06 11:51	08/31/06 19:2	5 JL	E96080
Pidoram		0.23 U	ug/L	0.23	EPA 515.1	PEST4787	08/28/06 11:51	08/31/06 19:2:		E96080
1,1,1-Trichloroethane		0.21 U	ນ໘⁄ໂ.	0.21	EPA 524.2	VOC2685		08/27/06 17:00) WR	E96080
1,1,2-Trichloroethane		0.44 U	ug/L	0.44	EPA 524.2	VOC2685		08/27/06 17:00) WR	E96080
1,1-Dichloroethene		0.23 U	υg/L	0.23	EPA 524.2	VOC2685		08/27/06 17:00) WR	E96080
1,2,4-Trichlorobenzene		0.41 U	ug/L	0.41	EPA 524.2	VOC2685		08/27/06 17:00	WR C	E96080
1,2-Dichlorobenzene		0.21 U	u g/L	0.21	EPA 524.2	VOC2685		08/27/06 17:00) WR	E96080
1,2-Dichloroethane		0.29 U	ນ ຕ /ໂ.	0.29	EPA 524,2	VOC2685		08/27/06 17:00) WR	E96080
1,2-Dichloropropane		0.40 U	ug/L	0.40	EPA 524.2	VOC2685		08/27/06 17:00) WR	£96080
1,4-Dichlorobenzene		0.23 U	ug/L	0.23	EPA 524.2	VOC2685		08/27/06 17:00) WR	E96080
Benzen <i>e</i>		0.20 U	ug/L	0.20	EPA 524.2	VOC2685		08/27/06 17:00) WR	E96080
Carbon tetrachloride		0.24 U	ug/L	0.24	EPA 524.2	VOC2685		08/27/06 17:00	WR	E96080
Chlorobenzene		0.30 ั	ug/L	0.30	EPA 524.2	VOC2685		08/27/06 17:00) WR	E96080
cis-1,2-Dichloroethene		0.21 U	ug/L	0.21	EPA 524.2	VOC2685		08/27/06 17:00) WR	E96080
Ethylbenzene		0.21 U	ug/L	0.21	EPA 524.2	VOC2685		08/27/06 17:00) WR	E96080
Methylene chloride		0.23 U	ug/L	0.23	EPA 524.2	VOC2685		08/27/06 17:00) WR	E96080
Styrene		0.21 U	ug/L	0.21	EPA 524.2	VQC2685		08/27/06 17:00	WR	E96080
Tetrachloroethene		0.24 U	ug/L	0.24	EPA 524.2	VOC2685		08/27/06 17:00	WR	E96080
Toluene		0.22 U	υ ο/L	0.22	EPA 524.2	VOC2685		08/27/06 17:00) WR	E96080
Total Xylenes		0.46 U	ug/L	0.46	EPA 524.2	VOC2685		08/27/06 17:00) WR	E96080
trans-1,2-Dichloroethene	1	0.35 U	ug/L	0.35	EPA 524.2	VQC2685		08/27/06 17:00	WR	E96080
Trichloroethene		0.36 U	ug/L	0.36	EPA 524.2	VOC2685		08/27/06 17:00	WR	E96080
Vinyl chloride		0.32 U	ug/L	0.32	EPA 524.2	VOC2585		08/27/06 17:00	WR	E96080
Alachlor		0.61 U	บg/โ.	0.81	EPA 525.2	8VOC2438	08/31/06 10:45	09/5/06 20:54	WR	E96080
Atrazine		0.48 U	ug/L	0,48	EPA 525.2	SVOC2438	08/31/08 10:45	09/5/06 20:54	WR	E96080
Benzo(a)pyrene		0.070 U	υg/t.	0.070	EPA 525.2	SVOC2438	08/31/06 10:45	09/5/06 20:54	WR	E96080
bis(2-ethythexyl)phthalate	8	0.85 U	ug/L	0.85	EPA 525.2	SVOC2438	08/31/08 10:45	09/5/06 20:54	WR	E96080
Di(2-ethylhexyl)adipate		0.68 U	ug/L	0.68	EPA 525.2	SVOC2438	08/31/06 10:45	09/5/06 20:54	WR	E96080
Hexachtorobenzene		0.31 U	υg/L	0.31	EPA 525.2	SVOC2438	08/31/06 10:45	09/5/06 20:54	WR	E96080
Hexachlorocyclopentadio	ene	0.24 U	υg/L	0.24	EPA 525.2	SVOC2438	08/31/06 10:45	09/5/06 20:54	WR	E96080
Simazine		0.63 U	ug/L	0.63	EPA 525.2	SVDC2438	08/31/08 10:45	09/5/06 20:54	WR	E96080
Carbofuran		0.18 U	ug/L	0.18	EPA 531.1	HPLC2331		09/7/08 18:40		E96080
Oxamyi		0.41 U	ug/L	0.41	EPA 531.1	HPLC2331		09/7/05 18:40	JJM	E96080
Glyphosate		26 U	ug/L	26	EPA 547	HPLC2328		08/28/06 12:37	JJM	E96080
Endothall		20 U	υg/L	20	EPA 548.1	SAL1019		08/31/06 8:54	SAL	E84129
Diquat		4.8 U	ug/L	4.8	EPA 549.2	HPLC2327	08/25/06 10:42	08/28/06 12:00		E96080
Arsenic		0.0010 U	mg/L	0.0010	SM 3113 B	SAL1019		08/25/06 18:26	SAL	E84129
Color		7.0	CÜ	1.8	SM2120 B	WCGE26151		08/23/06 13:30	TCL	E96080
Cyanide		0.0047 U	mg/L	0.0047	SM4500CN E	WCGE26221	08/28/06 13:00	08/29/06 13:48		E96080

5600 US 1 North Fort Pierce, FL 34946 FDOH # E96080

Printed: 9/14/06

4155 St. Johns Pkwy Suite 1300 Sanford, FL 32771 FDOH # E83509





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HARBOR BRANCH ENVIRONMENTAL

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DATE/TIME istribution: WHITE with REPORT. YELLOW for ELLER PLANT - OLIERT - COLER

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HARBOR BRANCH ENVIRONMENTAL LABORATORIES, INC S600 US I North, Fort Plance, R. 34946 Phone (772) 465-2400. Ext. 285 Fax: (772) 467-5 Company: Address: 1110	Chain-of-Gustoc	Y.		റവ്			560 Fort	_FDOH 0 U.S. 1 Pierce	# E96080 ! North :	for omitted informationFDOH # E8537 307 Coolidge Avenue ehigh Acres, FL 33	70 Je
Address: 140 Hope St. Longwood F1. zip: 38750 Phone: Fax:	ө-тай:	-	Augu		Ta Tu	9 0 7 1/2	4155 Suite Sant	St. Joi 1300 ord, FL	22771	FDOH # E844 16331 Cortez Blvd. Brooksville, FL 348	
Client Contact: BillT. Project Name: Chuluoto #8 Sampled By: BillT	Standard Laboratory Turn Around Time Or			ANALYS	ESERV/	TIVE			Prese	rvation Key P-Presphore Ac	
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ARBOR BRANCH

Phone (772) 465-2400, Ext. 285 Fax: (772) 467-684

Chain-of-Custody

and

Agreement to Perform Services

USE BALL POINT PEN PRESS HARD COMPLETELY FILL OUT ALL NON GREYED AREAS Laboratory not responsible for omitted information

FDOH # E96080

FDOH # E85370

5600 U.S. 1 North Fort Pierce, FL 34946 PRINT LEGIBLY

307 Coolidge Avenue Lehigh Acres, FL 33936

FDOH # E84418

FDOH # E83509 Method(s) of Shipment: 255 Enterprise Rd., Suite 1 2514 Osawaw Blvd.

Addres	s: <u>140</u>	Hoa	2 5	+												Denon	a, FL 3	2/25	Spring Hill	I, FL 34607
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Client (Contact:	Ri	1 -					Tur	Around Time	12		F	RESE	RVATIN	Æ	1			-	,
Project		7211		<u> </u>	#3)	-	ļ	Or		<u> </u>							H=Hydrochloric	servation Add P	K <i>ely</i> "Phosphoric Acid
Sample		Bil		T_	<u>"0</u>			Rush in Requires La	Business Days	7/2	0	12		REQUE	SIE			N=Mibric Add S=Suffurio Adid SH=Sodium Hyd		T=Sodium Thiosuffele *Unpreserved
LAB II	COLLE	CTION	1 ype	i X	ne ra	S	AMPI	LE DESC	CRIPTION	J. 189	9	4	4 C	ις.				60		
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Florida Department of Environmental Protection Safe Drinking Water Program Laboratory Reporting Format

	N (to be completed by sampler - Please type or print legibly)
System Name: Chuluoto f	Dbn+#a PWSI.D.#: 3 5 9 0 1 8 6
System Type (check one) XCommuni	ity Nontransient Noncommunity Transient Noncommunity
Address: 107 F 7-th	
city: Chuluota	State: FL ZIP Code:
Phone #: 0/0 407-339-51	124 Fax#: 407-339-7490
	@ aquamerica .com
SAMPLE INFORMATION (to be completed by	
Sample Number:	
Sample Date: 08/22/06	
Sample Location (be specific): POE Grab	——————————————————————————————————————
	g results for trihalomethanes and haloacetic acids): mg/L Field pH:
	Reason(s) for Sample (Check all that apply)
Sample Type (Check Only One)	
Distribution	☐ Routine Compliance (with 62-550) ☐ Quarterly (Which Cit?
Entry Point (to Distribution) Plant Tap not for compliance with 62-550)	Composite of Multiple Sites**
Raw (at well or intake)	Clearance (permitting) Replacement (of Invalidated Sample)
Max Residence Time	Other:
Ave Residence Time	Sampling Procedure Used or Other Comments:
Near First Customer	
*See 62-550.500(6) for requirements a Note: See 62-550.512(3) for addition for Nitrate or Nitrite MCL excee	nal requirements attach a results page for each site.
Sampler's Name: Bill Trenc	tel
Sampler's Phone #: 407 - 509 - 8	3398 Sampler's Fax #: 407-339-7490
Sampler's E-Mail Address: NA	
CERTIFICATION (to be completed by sampler)	
I, BILI Trende!	, Operator Print Title
	lic water system and sample collection information is
completed and correct.	d and a supplier
Signature: [[][][][][]	Justil Date: 9/18/06

Florida Department of Environmental Protection Safe Drinking Water Program Laboratory Reporting Format

LABORATORY CERTIFICATION INFORMATION (10) ATTACH A CURRENT DOH ANALYTE SHEET	be completed by lab - Please type or print legibly)
Lab Name: Harbor Branch Environmental Laborat	tories, Inc. Florida Certification #: E96080
	Certification Expiration Date: 06/30/2007
	Phone #: (772) 465-2400 Ext. 285
ANALYSIS INFORMATION (to be completed by lab)	Date Sample(s) Received:: 8/22/06
PWS ID (From Page 1): 3590186	Sample Number (From Page 1):
Lab Assigned Report Number or Job ID:	2126612001
Group(s) Analyzed and Results attached for complian	ce with Chapter 62-550, F.A.C. (Check all that apply):
Inorganics Synthetic Organics	Volatile Organics Disinfection Byproducts
∐All 17	√jAll 21 Trihalomethanes
☑Partial ☑All Except Dioxin	Partial
Nitrate Partial	Bromate
☐Nitrite []Dioxin Only	Radionuclides Chlorite
Asbestos Only	Single Sample Secondaries
	Qtrly Composite**
Were any analyses subcontracted? X Yes	NoPartial
If yes, please provide DOH certification numbers:	E84129
ATTACH DOH ANALYTE SHEET FOR EACH SUBCONTRACTE	DLAB
CERT	TIFICATION
I, Cindy Cromer	Laboratory Director
(Print Name) do HEREBY CERTIFY that all attached analytical data National Environmental Laboratory Accreditation Conf	(Print Title) a are correct and unless noted meet all requirements of the ference (NELAC).
Signature Cing Com	Date: 14-Sep-06
* Failure to provide a valid and current Florida DOH lab certificati	on number and a current Analyte Sheet for the attached analysis results will result water system for failure to sample, and may result in notification of the DOH
COMPLIANCE DETERMINATION (to be completed by Di	
Sample Collection Info Satisfactory: Yes N	
[]Replacement Sample(s) Requested (circle or highlight	group(s) above) Revised Report Requested (circle or highlight group(s) above)
Additional Monitoring Required (circle or highlight group)	s) above)
Reason(s): MCL(s) Exceeded Missing Analyte Sheet(s) Other:	Detection(s) [Incomplete Report Analysis Unsatisfactory
Person Notified:	Date Notified:
Comments:	DOUD OKS - I
Date Reviewed: DEP	/DOH Reviewing Official:
Keparang Format 62-550.73	C Effective January 1995, Revised January 2004

INORGANIC ANALYSIS 62 - 550.310 (1) (PWS030)

Client:

Aqua Utilities Florida, Inc.

Workorder:

Chuluota #2 DW Scan

Sample Location:

POE Grab

Sample Number:

2126612001

Sampling Date:

8/22/06 10:00

Preservative:

Nitric Acid, Sodium Hydroxide, or None

Date Received:

8/22/06 13:05

ID	Parameter	MCL	Result		Method	MDL	Date	Lab ID
1005	Arsenic	[0.01]	0.0010 U	mg/L	SM 3113 B	0.0010	8/25/06	E84129
1010	Barium	[2]	0.018	mg/L	EPA 200.7	0.0018	8/25/06	E96080
1015	Cadmium	[0.005]	0.00070 U	mg/L	EPA 200.7	0.00070	8/25/06	E96080
1020	Chromium	[0.1]	0.0018 U	mg/L	EPA 200.7	0.0018	8/25/06	E96080
1024	Cyanide	[0.2]	0.0047 U	mg/L	SM4500CN E	0.0047	8/29/06	E96080
1025	Fluoride	[4]	0.077	mg/L	EPA 300.0	0.011	8/23/06	E96080
1030	Lead	[0.015]	0.00061 V	mg/L	EPA 200.9	0.00061	9/11/06	E96080
1035	Mercury	[0.002]	0.000060 U	mg/L	EPA 245.1	0.000060	8/31/06	E96080
1036	Nicket	[0.1]	0.0020 U	mg/L	EPA 200.7	0.0020	8/25/08	E96080
1040	Nitrate as N	[10]	0.083	mg/L	EPA 300.0	0.0030	8/23/06 17:02	E96080
1041	Nitrite as N	[1]	0.0022 U	mg/L	EPA 300.0	0.0022	8/23/06 17:02	E96080
1045	Selenium	[0.05]	0.0022 U	mg/L	EPA 200.9	0.0022	8/24/06	E96080
1052	Sodium	[160]	75	mg/L	EPA 200.7	0.50	8/25/06	E96080
1074	Antimony	[0.006]	0.0042 U	mg/L	EPA 200.9	0.0042	8/26/06	E96080
1075	Beryllium	[0.004]	0.00010 U	mg/L	EPA 200.7	0.00010	8/25/06	E96080
1085	Thallium	[0.002]	0.0010 U	mg/L	EPA 200.9	0.0010	9/01/06	E96080



Central Florida FDOH # E83509

inted: 8/14/06



SECONDARY CHEMICAL ANALYSIS 62 - 550.320 (PWS031)

Client:

Aqua Utilities Florida, Inc.

Workorder:

Chuluota #2 DW Scan

Sample Location:

POE Grab

Sample Number:

2126612001

Sampling Date:

8/22/06 10:00

Preservative:

Nitric Acid or None

Date Received:

8/22/06 13:05

ID .	Parameter	MCL	Result		Method	MDL	Date	Lab ID
1002	Aluminum	[0.2]	0.0030 U	/ng/L	EPA 200.7	0.0030	8/25/06	E96080
1017	Chloride	[250]	130	mg/L	EPA 300.0	5.0	8/26/06	E96080
1022	Copper	[1]	0.0014 U	mg/L	EPA 200.7	0.0014	8/25/06	E96080
1025	Fluoride	[2]	0.077	mg/L	EPA 300.0	0.011	8/23/06	E98080
1028	iron	[0.3]	0.16	mg/L	EPA 200.7	0.025	8/25/06	E96080
1032	Manganese	[0.05]	0.0087	mg/L	EPA 200.7	0.0037	8/25/06	E96080
1050	Silver	[0.1]	0.0010 U	mg/L	EPA 200.7	0.0010	8/25/08	E96080
1055	Sulfate	[250]	16	mg/L	EPA 300.0	. 1.4	8/26/06	E96080
1095	Zinc	[5]	0.010 U	mg/L	EPA 200.7	0.010	8/25/06	E96080
1905	Color	[15]	7.0	CU	SM2120 B	1.8	8/23/06 13:30	E96080
1920	Odor - Dechlorinated	[3]	4.1	T.O.N,	EPA 140.1	1.0	8/22/06 17:04	E83509
1925	pН	[6.5-8.5]	7.77	SU	EPA 150.1	0.200	8/23/06	E83509
1930	Total Dissolved Solids	[500]	420	mg/L	EPA 160.1	5.0	8/24/08	E83509
2905	Foaming Agents	[0.5]	0.089	mg/L	EPA 425.1	0.042	8/23/06 16:00	E83509

Southeast Florida DOH # E96080

Central Florida FDOH # E83509

rinted: 9/14/06



ENVIRONMENTAL ABORATORIES, INC. 5500 U.S. I North, Fort Pierce FL 34946 Phone: (772) 465-2400, Ext. 285 Fax: (772) 467-1584

SYNTHETIC ORGANICS 62 - 550.310 (4) (b)

Client:

Aqua Utilities Florida, Inc.

Workorder:

Chuluota #2 DW Scan

Sample Location:

POE Grab

Sample Number:

2126612001

Sampling Date:

8/22/06 10:00

Date Received:

8/22/06 13:05

	.		<u> </u>				Extracted	Analyzed	
ID	Parameter	MCL	Result	Units Qual.	Method	MDL	Date	Date/Time	Lab ID
2005	Endrin	[2]	0.10 U	ug/L	EPA 505	0.10	8/29/06	8/29/06 15:52	E96080
2010	gamma-BHC (Lindane)	[0.2]	0.020 U	ug/L	EPA 505	0.020	8/29/06	8/29/06 15:52	E96080
2015	Methoxychlor	[40]	0.044 U	ug/L	EPA 505	0.044	8/29/08	8/29/06 15:52	E96080
2020	Toxaphene	[3]	0.60 U	ug/L	EPA 505	0.60	8/29/06	8/29/06 15:52	E96080
2031	Dalapon	[200]	2.3 U	ug/L	EPA 515.1	2.3	8/28/06	8/31/06 19:25	E96080
2032	Diquat	[20]	4.8 U	ug/L	EPA 549.2	4.8	B/25/06	8/28/06 12:00	E96080
2033	Endothall	[100]	20 U	ug/L	EPA 548.1	20		8/31/06 8:54	E84129
2034	Glyphosate	[700]	26 U	ug/L	EPA 547	26		8/28/06 12:37	E96080
2035	Di(2-ethythexyl)adipate	[400]	0.68 U	ug/L	EPA 525.2	0.68	8/31/06	9/05/06 20:54	E96080
2036	Oxamyt	[200]	0.41 U	ug/L	EPA 531.1	0.41		9/07/06 18:40	E96080
2037	Simazine	[4]	0.63 U	ug/L	EPA 525.2	0.63	8/31/06	9/05/06 20:54	E96080
2039	bis(2-ethylhexyl)phthalate	[6]	0.85 U	ug/L	EPA 525.2	0.85	8/31/06	9/05/06 20:54	E96080
2040	Picloram	[500]	0.23 U	ug/L	EPA 515.1	0.23	8/28/06	8/31/06 19:25	E96080
2041	Dinoseb	[7]	0.23 U	ug/L	EPA 515.1	0.23	8/28/06	8/31/06 19:25	E96080
2042	Hexachlorocyclopentadiene	[50]	0.24 U	ug/L	EPA 525.2	0.24	8/31/06	9/05/06 20:54	E96080
2046	Carbofuran	[40]	0.18 U	ug/L	EPA 531.1	0.18		9/07/06 18:40	E96080
2050	Atrazine	(3)	0.48 U	ug/L	EPA 525.2	0.48	8/31/06	9/05/06 20:54	E96080
2051	Alachior	[2]	0.61 U	ug/L	EPA 525.2	0.61	8/31/06	9/05/06 20:54	E96080
2065	Heptachlor	[0.4]	0.038 U	ug/L	EPA 505	0.036	8/29/06	8/29/06 15:52	E96080
2067	Heptachlor epoxide	[.2]	0.027 U	ug/L	EPA 505	0.027	8/29/06	8/29/06 15:52	E96080
2105	2,4-D	[70]	0.22 U	ug/L	EPA 515.1	0.22	8/28/06	8/31/06 19:25	E96080
2110	2.4,5-TP	[50]	0.19 U	ug/L	EPA 515.1	0.19	8/28/06	8/31/06 19:25	E96080
2274	Hexachlorobenzene	[1]	0.31 U	ug/L	EPA 525.2	0.31	8/31/06	9/05/06 20:54	E96080
2306	Benzo(a)pyrene	[.2]	0.070 U	ug/L	EPA 525.2	0.070	8/31/06	9/05/06 20:54	E96080
2326	Pentachlorophenol	[1]	0.39 U	ug/L	EPA 515.1	0.39	8/28/06	8/31/06 19:25	E96080
2383	PCB	[.5]	0.14 U	ug/L	EPA 505	0.14	8/29/06	8/29/06 15:52	E96080
2931	1,2-Dibromo-3-chloropropane	[.2]	0.00098 U	ug/L	EPA 504.1	0.00098	8/28/06	8/28/06 19:33	£96080
2946	1,2-Dibromoethane	[.02]	0.0023 U	ug/L	EPA 504.1	0.0023	8/28/06	8/28/06 19:33	E96080
2959	Chlordane	[2]	0.13 U	ug/L	EPA 505	0.13	8/29/06	8/29/06 15:52	E96080

Reporting Format 82-550 730 Effective January 1995, Revised January 2004 NOTE: Effective 1/1/2004, results indicating a non-detection with a reported MDL >50% of the MCL will not be accepted for compliance work with 62-550.310(4)(b

* Results must be reported with appropriate qualifiers in accordance with Florida Administrative Code Rule 62-160, Table 1. Results Qualified with A, F, H, N, Q, T, Z, ?, *, are unacceptable for compliance with 62-550. Results qualified with a J. Q. R. or Y must be accompanied by written justification and will be evaluated on a case by case basis. To avoid a monitoring violation, unacceptable results must be replaced with acceptable results from samples collected during the same monitoring peri

5600 US 1 North Fort Pierce, FL 34946

4155 St. Johns Pkwy Suite 1300 Sanford, FL 32771

FDOH # E83509



307 Coolidge Avenue Lehigh Acres, FL 33936 FDOH # E85370

16331 Cortez Blvd Brooksville, FL 3460 FDOH # E84418

FDOH # E96080 Printed: 9/14/06

VOLATILE ORGANICS 62 - 550.310 (4) (a)

Client:

Aqua Utilities Florida, Inc.

Workorder:

Chuluota #2 DW Scan

Sample Location:

POE Grab

Sample Number:

2126612001

Sampling Date:

8/22/06 10:00

Date Received:

8/22/06 13:05

ID	Parameter	MCL	Result	Units Qual.	Method	MDL	Date/Time	Lab ID
2378	1,2,4-Trichlorobenzene	[70]	0.41 U	ug/L	EPA 524.2	0.41	8/27/06 17:00	E96080
2380	cis-1,2-Dichloroethene	[70]	0.21 U	ug/L	EPA 524.2	0.21	8/27/06 17:0	E96080
2955	Total Xylenes	[10000]	0.46 U	ug/L	EPA 524.2	0.46	8/27/06 17:0	E96080
2964	Methylene chloride	[5]	0.23 Ų	ug/L	EPA 524.2	0.23	8/27/06 17:0	E96080
2968	1,2-Dichlorobenzene	[600]	0.21 U	ug/l.	EPA 524.2	0.21	8/27/06 17:0	E96080
2969	1,4-Dichlorobenzene	[75]	0.23 U	ug/L	EPA 524.2	0.23	8/27/06 17:0	E96080
2976	Vinyl chloride	[1]	0.32 U	ug/L	EPA 524.2	0.32	8/27/06 17:0	E96080
2977	1,1-Dichloroethene	[7]	0.23 U	υg/L	EPA 524.2	0.23	8/27/06 17:0	E96080
2979	trans-1,2-Dichloroethene	[100]	0.35 U	ug/L	EPA 524.2	0.35	8/27/06 17:0	E96080
2980	1,2-Dichloroethane	[3]	0.29 U	ug/L	EPA 524.2	0.29	8/27/06 17:0	E96080
2981	1,1,1-Trichloroethane	[200]	0.21 Ų	ug/L	EPA 524.2	0.21	8/27/06 17:0	E96080
2982	Carbon tetrachloride	[3]	0.24 U	ug/L	EPA 524.2	0.24	8/27/06 17:0	E96080
2983	1,2-Dichloropropane	[5]	0.40 U	ug/L	EPA 524.2	0.40	8/27/06 17:0	E96080
2984	Trichioroethene	[3]	0.36 U	ug/L	EPA 524.2	0.36	8/27/06 17:0	E96080
2985	1,1,2-Trichloroethane	[5]	0.44 U	ug/L	EPA 524.2	0.44	8/27/06 17:0	£96080
2987	Tetrachloroethene	[3]	0.24 U	ug/L	EPA 524.2	0.24	8/27/06 17:0	E96080
2989	Chlorobenzene	[100]	0.30 U	ug/L	EPA 524.2	0.30	8/27/06 17:0	E96080
2990	Benzene	[1]	0.20 U	ug/L	EPA 524.2	0.20	8/27/06 17:0	E96080
2991	Toluene	[1000]	0.22 ป	ug/L	EPA 524.2	0.22	8/27/06 17:0	E96080
2992	Ethylbenzene	[700]	0.21 U	ug/L	EPA 524.2	0.21	8/27/06 17:0	E96080
2996	Styrene	[70]	0.21 U	ug/L	EPA 524.2	0.21	8/27/06 17:0	E96080

Reporting Format 62-550,730 Effective January 1995, Revised January 2004

Results must be reported with appropriate qualifiers in accordance with Florida Administrative Code Rule 82-160, Table 1. Results Qualified with A, F, H, N, O, Y, Z, Y, *, macroeptable for compliance with 62-660. Results qualified with a J, Q, R, or Y must be accompanied by written justification and will be evaluated on a case by case basis, avoid a monitoring violation, unacceptable results must be replaced with acceptable results from samples collected during the same monitoring peri

600 US 1 North ort Pierce, FL 34946 DOH # E96080 4155 St. Johns Pkwy Suite 1300 Sanford, FL 32771 FDOH # E83509



307 Coolidge Avenue Lehigh Acres, FL 33936 FDOH # E85370 16331 Cortez Blvd Brooksville, FL 34607 FDOH # E84418

rinted: 9/14/08

VOLATILE ORGANICS 62 - 550.310 (4) (a)

Client:

Aqua Utilities Florida, Inc.

Workorder:

Chuluota #2 DW Scan

Sample Location:

Trip Blank

Sample Number:

2126612002

Sampling Date:

Date Received:

8/22/06 13:05

ID	Parameter	MCL	Result	Units Qual	Method	MDL	Date/Time	Lab ID
2378	1,2,4-Trichiorobenzene	[70]	0.41 U	ug/L	EPA 524.2	0.41	8/27/06 17:33	E96080
2380	cis-1,2-Dichloroethene	[70]	0.21 U	ug/L	EPA 524.2	0.21	8/27/06 17:33	E96080
2955	Total Xylenes	[10000]	0.46 U	ug/L	EPA 524.2	0.46	8/27/06 17:33	E96080
2964	Methylene chloride	[5]	0.23 U	ug/L	EPA 524.2	0.23	8/27/06 17:33	E96080
2968	1,2-Dichlorobenzene	[600]	0.21 U	ug/L	EPA 524.2	0.21	8/27/06 17:33	E96080
2969	1,4-Dichlorobenzene	[75]	0.23 U	ug/L	EPA 524.2	0.23	8/27/08 17:33	E96080
2976	Vinyl chloride	[1]	0.32 U	ug/L	EPA 524.2	0.32	8/27/06 17:33	E96080
2977	1,1-Dichloroethene	[7]	0.23 U	u g/L	EPA 524.2	0.23	8/27/06 17:33	E96080
2979	trans-1.2-Dichloroethene	[100]	0.35 U	ug/L	EPA 524.2	0.35	8/27/06 17:33	E96080
2980	1,2-Dichloroethane	[3]	0.29 U	ug/L	EPA 524.2	0.29	8/27/06 17:33	E96080
2981	1,1,1-Trichloroethane	[200]	0.21 U	ug/L	EPA 524.2	0.21	8/27/06 17:33	E96080
2982	Carbon tetrachioride	[3]	0.24 U	ug/L	EPA 524.2	0.24	8/27/06 17:33	E96 080
2983	1,2-Dichloropropane	[5]	0.40 U	ug/L	EPA 524.2	0.40	8/27/06 17:33	E96080
2984	Trichloroethene	[3]	0.36 U	ug/L	EPA 524.2	0.36	8/27/06 17:33	E96080
2985	1,1,2-Trichloroethane	[5]	0.44 U	ug/L	EPA 524.2	0.44	8/27/06 17:33	E96080
2987	Tetrachioroethene	[3]	0.24 U	ug/L	EPA 524.2	0.24	8/27/06 17:33	E96080
2989	Chlorobenzene	[100]	0.30 U	ug/L	EPA 524.2	0.30	8/27/06 17:33	E96080
2990	Benzene	[1]	0.20 U	ug/L	EPA 524.2	0.20	8/27/08 17:33	E96080
2991	Toluene	[1000]	0.22 U	ug/L	EPA 524.2	0.22	8/27/06 17:33	E96080
2992	Ethylbenzene	[700]	0.21 U	ug/L	EPA 524.2	0.21	8/27/06 17:33	E96080
2996	Styrene	[70]	0.21 U	ug/L	EPA 524.2	0.21	8/27/06 17:33	E96080

Reporting Format 62-550,730 Effective January 1995, Revised January 2004

5600 US 1 North Fort Pierce, FL 34946 FDOH # E96080 4155 St. Johns Pkwy Suite 1300 Sanford, FL 32771 FDOH # E83509



307 Coolidge Avenue Lehigh Acres, FL 33936 FDOH # E85370 16331 Cortez Blvd Brooksville, FL 34607 FDOH # E84418

rinted: 9/14/06

^{*} Results must be reported with appropriate qualifiers in accordance with Florida Administrative Code Rule 62-160, Table 1. Results Qualified with A, F, H, N, O, T, Z, 7, *, unacceptable for compliance with 62-550. Results qualified with a J, Q, R, or Y must be accompanied by written justification and will be evaluated on a case by case basis, avoid a monitoring violation, unacceptable results must be replaced with acceptable results from samples collected during the same monitoring peri

Don Hash

From:

Joyce Hodde

Sent:

Tuesday, August 08, 2006 3:59 PM

To: Cc: Ben North Don Hash

Subject:

TRI-ANNUAL FOR AUF/CHULUOTA WTP 2

Importance:

High

Hi, Ben

Operator forgot to put WTP #2 on ice - received out of temp range. Bill Trendel requested not to be run qualified and now needs another kit at your convenience with his sincere apologies. Do we get to charge them for their oversight?

Thx, JH

, squa Fralita ex

2126612

Group Leader/Technical Director

Harbor Branch Environmental Laboratory Central Florida 4155 St. Johns Pkwy, Suite 1300 Sanford, FL 32771 (407) 322-4686 x159 FAX:(407) 322-4097 hodde@hboi.edu

The information contained in the above e-mail message or messages (which includes any attachments) is confidential and may be legally privileged. It is intended only for the use of the person or entity to which it is addressed. If you are not the addressee any form of disclosure, copying, modification, distribution or any action taken or omitted in reliance on the information is unauthorized. If you received this communication in error, please notify the sender immediately and delete it from your computer system network.

No virus found in this outgoing message. Checked by AVG free Edition.

Version: 7.1.405 / Virus Database: 268.10.7/41 } - Release Date: 8/7/06

SOUTHERN ANALYTICAL LABORATORIES, INC.

110 BAYVIEW BOULEVARD, OLDSMAR, FL 34677 B13-855-1844 fax 813-855-2218



Harbor Branch Environmental Laboratory

DW Compliance

Sample ID: 2126612 0015

September 6, 2006

Sample No.:

62755.03

PWS ID:

Inorganic Contaminants 62-550.310(1)

Contaminant ID	Contaminant Name	MCL Units	Analysis Result Qualifier	Analytical Method	Lab MOL Analysis Date	Analysis Time	DOH Lab Certification #
1005	Arsenic	0.01 mg/L	0.001 U	SM 3113 B	0.001 08/25/06	18:26	E84129

* Qualifiers:

υ

Analyte was undefected, Indicated concentration is method detection limit.

Harhor Branch Environmental Laboratory

HARBOR BRANCH ENVIRONMENTAL LABORATORY 5600 U. S. 1 North, Ft. Pierce, FL 34946, 772-465-2400 ext. 292

Fax: (772) 467-1584 CHAIN OF CUSTODY RECORD Subcontracting Form 001A REV 001 Effective Date 12/05/2002

Receiving Laboratory: S.A.L. (22755)

The samples are to be shipped by YENEX to arrive on \$125/do. TAT: Still

HARBOR BE							ANA	ULYSIS RE	QUIRED		COLLECTION	REMARKS	
PROJECT NAME	PW (cmplan	is A	5,540				F	RESERVA	TIVE			
	··						N	51					
SAMPLE TYPE: C	omposite = C	. Grab = G,		rvative: HCl = H, 1 90, = S, NaOH = S			"THE.	8					
MATRIX: Drinking S. Waste = W. C	Water = DW	.Groundwater = (DW, Surfec	z Water = SW, Wa	stowater = WW, S	ioil or solids =	Maken	25					
Client Code.	MATRIX	COLLECTION DATE TIME	TYPE	KBE	E. Sample 10	t Danks	4					SAMPLE COM	(MEN)2
.51	Dw	81706 687	5 F	2126	FIOCIF	1	1/				10	X 100 me	PHNC.
_(2	Più	8-1706 0945	16		P2 00/		ريا ا					LYONLEV	
<u> </u>	DW	8-22-06 1000	16	212661	3001.5	_ /							
04		E1200 0830	0 6	212661	5 101.5	ر عداريم	1						
01	PW	8990 1170	6	212 662	40017	NBH	-	~					
<u>Q</u>	TW	1 1002	6	212662	50017	4		4	[_				
_ ()'/		1-19-6 092	. 1	212662	60017	y	<u></u>	<u>u</u>					
08		8140b 19910		812667	4001	1/	9						
69	1	184 100		R1266 7	5001		-						
_10	$D\omega$	PULAS 07/2	7 6	212/16 30	2001		V						
And	RELINQUISHES	6 FER	Ex	8/24/06	TIME /G (N)		Fed	EX.	EIVED BY:		· · · · · · · · · · · · · · · · · · ·	DATE	TIME
	RELINQUISHED			DATE	TIME	ζ.			ME AND REC			8/25/66	UME 08/5

SOUTHERN ANALYTICAL LABORATORIES, INC.

110 BAYVIEW BOLILEVARD, OLDSMAR, FL 34677 813-855-1844 fax 813-855-2218



Harbor Branch Oceanographic Institution Inc.

2126612, 2126615

Sample ID: 2126612 001

September 1, 2006

Sample No.: 62716.01

PWS ID:

Synthetic Organics 62-550.310(4)(b)

				· · · · · · · · · · · · · · · · · · ·								
Contaminant	Contaminant			Analysis		Analytical		RDL	Extraction		Analysis	DOH Lab
ID	Name	MCL	Units	Result	Qualifier*	Method	Lab MDL	**	Date	Analysis Date	Time	Certification#
2033	Endothall	100	µg/L	20	U	EPA 548.1	20	9	08/29/06	08/31/06	08:37	E84129

Harbor Branch Environmental Laboratory

HARBOR BRANCH ENVIRONMENTAL LABORATORY 5600 U. S. 1 North, Ft. Pierce, FL 34946, 772-465-2400 ext. 292 Fax: (772) 467-1584

Subcontracting Form 001A REV 001 Effective Date 12/05/2002

CHAIN OF CUSTODY RECORD

Receiving Laboratory: Southern Analytical

The samples are to be shipped by Fed. Ex to arrive on 8.24.06. TAT: Std.

PROJECT	NAME:	NCH ENVIR		·	CABORATO	JRY		_		ANALY	SIS REQ	URED	COLLECTIO	N REMARI
								-	- 1	PRE	SERVAT	VE		
								_ {	ST.					
		site = C, Grab = G,		Preserv H _s SO _e	/ative: HCl = H, H = S, NaOH = SH,	NO3 = N, Na2S2O3 =	ST,	-	Lan					
MATRIX: I Weste - W.	Onnking Water Oil =0	= DW, Groundwar	er = GW, Sta	rface Wate	w = SW, Wastewa	Unpreserved = U ler = WW, Soil or solic	ds = S.	17						
Chest Code.	MATRIX	DATE		TYPE		EL SAMPLE ID		ethopo?	37.5					
AUF	DW	8.22.06	1000	G	212661	2 001	Bea.)				SAMPLE CO	MMENTS
-1126	ĎΨ	8-22-02	एडाट	G	212661	5 00/	3					+		
	-							+-						
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1	RELIN	OVSHED BY:			DATE									
ZL,	RELEN	QUISHED BY:		- 1-3	823.06	1600	Fee	al E	<u>-</u> *	ECEIVED	Y:		 DATE	TIME
	FedE	X			DATE	TIME			BORATORY	NAME AND	RECEIVED	BY:	 DATE	

HARBOR BRANCH ENVIRONMENTAL LABORATORIES, INC. 5600 U.S. | North, Fort Place P. 34946 Phone: 072) 465-2400, Ext. 285 Fax: 072) 457-584

Date issued: September 8, 2006

To:

Brian Heath

Aqua Utilities Florida, Inc.

140 Hope Street

Longwood, FL 327505141

Client:

Aqua Utilities Florida, Inc.

Workorder ID: Chuluota WTP #1 DW Scan

[2126500]

307 Coalidge Avenue

Received:

8/08/06 13:36

Dear Brian Heath:

Analytical results presented in this report have been reviewed for compliance with the HARBOR BRANCH Environmental Laboratories Inc.'s (HBEL) Quality Systems Manual and have been determined to meet applicable Method guidelines and Standards referenced in the July 2003 National Environmental Laboratory Accreditation Program (NELAP) Quality Manual unless otherwise noted. The Analytical Results within these report pages reflect the values obtained from tests performed on Samples As Received by the laboratory unless indicated differently.

FDOH Safe Drinking Water Act, Clean Water Act and RCRA Certification #'s: E96080, E83509, E85370, E84418

Questions regarding this report should be directed to the Report Signatory at (772) 465-2400, Ext. 285 referencing the HBEL Workorder ID [Number].

Respectfully submitted.

Cindy Cromer

Technical Director or Designee

Note: This report is not to be copied, except in full, without the expressed written consent of the HARBOR BRANCH Environmental Laboratories, Inc.

5600 US 1 North Fort Pierce, FL 34946 FDOH # E96080

4155 St. Johns Pkwy Suite 1300 Sanford, FL 32771 FDOH # E83509

Lehigh Acres, FL 33936 FDOH # E85370

16331 Cortez Blvd Brooksville, FL 34601 FDOH # E84418

Printed: 9/8/06

HARBOR BRANCH ENVIRONMENTAL LABORATORIES, INC. 5600 U.S. | North, Fort Plance Pt. 34946 Phone: (772) 465-2400, Ext. 285 Fax: (772) 467-584

Quality Control Summary

Client:

Aqua Utilities Florida, Inc.

Workorder ID: Chuluota WTP #1 DW Scan

Received:

8/08/06 13:36

[2126500]

MB=Method Blank LCS=Laboratory Control Sample LCSD=Laboratory Control Sample Duplicate MS=Matrix Spike MSD=Matrix Spike Duplicate DUP=Sample Duplicate

HBEL Sample

Method Narratives (if Applicable)

Number

Analytical Method Sample ID

Description

Quality Control Summary

<u>Method</u> HBEL Batch Analyte Analytical Issue

EPA 504.1

PEST4780

2126500001 1,2,3-Trichloropropane

Surrogate - Outside acceptance Limits.

EPA 505

PEST4767

2126500001 Decachlorobiphenyl

Surrogate - Outside acceptance Limits.

2126500001

Tetrachlorometaxylene

Surrogate - Outside acceptance Limits.

The above due to matrix effects.

HARBOR BRANCH ENVIRONMENTAL LABORATORIES, INC. 5600 V.5. I North Fort Plance G. 34946 Phone: (772) 465-2400, Ext. 286: 34946 Phone: (772) 467-584

CERTIFICATE OF ANALYSIS [2126500]

Client: Aqua Utilities Florida, Inc.

Workorder ID: Chuluota WTP #1 DW Scan

Parameter	Qualifier	1 Result	Units	Reporting Limit	Method	Laboratory Batch	Prep Date/Time	Analyzed Oate/Time	Analyst	Lab ID
Laboratory ID: Sample ID:	2126500001 Chuluota W				Sampled: 08/08/0 Matrix: Water		Received on	: 08/08/06 Wet Weight I		
Odor - Dechlorinate	ď	24	T.O.N.	1.0	EPA 140.1	WCDE14992		08/8/06 15:40	PA	E83509
рH	Q	7.77	SU	0.200	EPA 150.1	WCDE14991		06/8/06 15:16	PA	E83509
Total Dissolved Sol	ids	476	mg/L	5.0	EPA 160.1	WCDE15009		08/11/06 15:00	PA	E83509
Aluminum		0.0030 U	mg/L	0.0030	EPA 200.7	META8079		08/16/06 22:57	P DM	E96080
Barium		0.020	mg/L	0.0018	EPA 200.7	META8079		08/16/06 22:57	P DM	E96080
Beryllium		0.00010 U	mg/L	0.00010	EPA 200.7	META8079		08/16/06 22:57	DM	E96080
Cadmium		0.00070 U	mg/L	0.00070	EPA 200.7	META8079		08/16/06 22:57	7 OM	E96080
Chromium		0.0018 U	mg/L	0.0018	EPA 200.7	META8079		08/16/06 22:57	DM	E96080
Copper		0.0075	mg/L	0.0014	EPA 200.7	META8079		08/16/06 22:57	7 DM	E96080
tron		0.027	mg/L	0.025	EPA 200.7	META8079		08/18/06 22:57	T DM	E96080
Manganese		0.0051	mg/L	0.0037	EPA 200.7	META8079		08/16/06 22:57	OM 1	E96080
Nicket		0.0020 U	mg/L	0.0020	EPA 200.7	META8079		08/16/06 22:57	DM	E96080
Silver		0.0010 U	mg/L	0.0010	EPA 200.7	META8079		08/16/06 22:57	DM	E96080
Sodium		91	mg/L	0.50	EPA 200.7	META8079		08/16/08 22:57	DM	E96080
Zinc		0.010 บ	mg/L	0.010	EPA 200.7	META8079		08/16/06 22:57	DM	E96080
Lead		0.00061 U	mg/L	0.00061	EPA 200.9	META8075		08/16/06 0:48	SP	E96080
Selenium		0.0022 U	mg/L	0.0022	EPA 200.9	METAB091		08/24/06 22:33	DM	E96080
Thallium		0.0012	mg/L	0.0010	EPA 200.9	META8096		09/1/06 0:41	DM	E96080
Mercury		0.000060 U	_	0.000060	EPA 245.1	META8085	08/17/08 11:20	08/18/06 20:34	DM :	E96080
Chloride		150	mg/L	5.0	EPA 300.0	IC6905		08/10/06 19:00) JL	E96080
Fluoride		0.092	mg/L	0.011	EPA 300.0	IC6901		08/9/06 12:40	JL	E96080
Nitrate as N		0.019	mg/L	0.0030	EPA 300.0	IC6901		08/9/06 12:40	JL	E96080
Nitrite as N		0.0022 U	mg/L	0.0022	EPA 300.0	IC6901		08/9/06 12:40	JL	E96080
Sulfate		17	mg/L	1.4	EPA 300.0	1C6905		08/10/06 19:00		E96080
Surfactants as LAS, Mol.wt.340		0.090	mg/L	0.042	EPA 425.1	WCDE14999	08/9/06 11:30	08/9/06 13:00	RIA	E83509
1,2-Dibromo-3- chloropropane		0.0010 U	ng/L	0.0010	EPA 504.1	PEST4780	08/21/06 9:59	08/21/06 22:49	J.L	E96080
1,2-Dibromoethane		0.0024 U	ug/L	0.0024	EPA 504.1	PEST4780	08/21/06 9:59	08/21/06 22:49	JL.	E96080
Chlordane		0.13 U	ug/L	0.13	EPA 505	PEST4767	08/15/06 10:02	08/15/06 21:39	JL	E96080
Endrin		0.10 U	ug/L	0.10	EPA 505	PES14767	08/15/06 10:02	08/15/06 21:39	JL	E96080
gamma-BHC (Linda	ne)	0.020 U	ug/L	0.020	EPA 505	PEST4767	08/15/06 10:02	08/15/06 21:39	JL	E96080
Heptachlor	•	0.036 U	ug/L	0.036	EPA 505	PEST4767	08/15/08 10:02	08/15/06 21:39	JL	E96080
Heptachlor epoxide		0.027 U	ug/L	0.027	EPA 505	PEST4767	08/15/06 10:02	08/15/06 21:39		E96080
Methoxychlor		0.044 U	υg/L	0.044	EPA 505			08/15/06 21:39		E96080
PCB		0.14 U	ug/L	0.14	EPA 505			08/15/06 21:39		E96080
Toxaphene		0.60 U	υg/L	0.60	EPA 505			08/15/06 21:39		E96080
2,4.5-TP			ug/L	0.19	EPA 515.1			08/17/06 21:14		E96080
2,4-D			ug/L	0.22	EPA 515.1		08/16/06 12:39			E96080
Dalapon			ug/L	2.3			D8/16/06 12:39			E96080
Dinoseb			ug/L	0.23	EPA 515.1		08/16/06 12:39			E96080
Dentachtorophenol			ug/L	0.39			08/16/06 12:39			
5600 US 1 North		55 St. Johns /			EFAVIU.1		EL. 21 WHO	VOI 13 1950 & 1. 14	JE	E96080

5600 US 1 North Fort Pierce, FL 34946 FDOH # **E96080**

Printed: 9/8/06

4155 St. Johns Pkwy Suite 1300 Sanford, FL 32771

FDOH # E83509



307 Coolidge Avenue Lehigh Acres, FL 33936 FDOH # E85370

16331 Cortez Blvd Brooksville, FL 34601 FDOH # E84418

HARBOR BRANCH ENVIRONMENTAL LABORATORIES, INC. FROM: (772) 465-2600. Ext. 252 34946 From: (772) 465-2600. Ext. 252 34946 From: (772) 465-2600. Ext. 252 34946

CERTIFICATE OF ANALYSIS [2126500]

Client: Aqua Utilities Florida, Inc.

Workorder ID: Chuluota WTP #1 DW Scan

Parameter	Qualifier	1 Result	Units	Reporting Limit	Method	Laboratory Batch	Prep Date/Time	Analyzed Oate/Time	Analyst	Lab ID
Picloram		0.23 U	ug/L	0.23	EPA 515.1	PEST4779	08/16/06 12:39	08/17/06 21:14	JL	E96080
1,1,1-Trichloroethane		0.21 U	ug/L	0.21	EPA 524.2	VOC2679		08/17/06 20:29	-	E96080
1,1,2-Trichloroethane		0.44 U	ug/L	0.44	EPA 524.2	VOC2679		08/17/06 20:29		E96080
1,1-Dichloroethene		0.23 U	ug/L	0.23	EPA 524.2	VOC2679		08/17/06 20:29		E96080
1,2,4-Trichlorobenzene	•	0.41 U	ug/L	0.41	EPA 524.2	VOC2679		08/17/06 20:29	WR	E96060
1,2-Dichlorobenzene		0.21 U	ug/L	0.21	EPA 524.2	VOC2679		08/17/06 20:29	WR	E96080
1,2-Dichloroethane		0.29 U	ug/L	0.29	EPA 524.2	VOC2679		08/17/06 20:29	WR	E96080
1,2-Dichloropropane		0.40 U	ug/L	0.40	EPA 524.2	VOC2679		08/17/06 20:29	WR	E96080
1,4-Dichlorobenzene		0.23 U	ng/L	0.23	EPA 524.2	VOC2679		08/17/06 20:29	WR	E96080
Benzene		0.20 U	ug/L	0.20	EPA 524.2	VOC2679		08/17/06 20:29	WR	E96080
Carbon tetrachloride		0.24 U	ug/L	0.24	EPA 524.2	VOC2679		08/17/06 20:29	WR	E96080
Chlorobenzene		0.30 U	ug/L	0.30	EPA 524.2	VOC2579		08/17/06 20:29	WR	E96080
cis-1,2-Dichlorgethene		0.21 U	ug/L	0.21	EPA 524.2	VOC2679		08/17/06 20:29	WR	E96080
Ethylbenzene		0.21 U	ug/L	0.21	EPA 524.2	VOC2679		08/17/06 20:29	WR	E96080
Methylene chloride		0.23 U	υg/L	0.23	EPA 524.2	VOC2679		08/17/06 20:29	WR	£96080
Styrene		0.21 U	ug/L	0.21	EPA 524.2	VOC2679		08/17/06 20:29	WR	E96080
Tetrachloroethene		Q.24 U	ug/L	0.24	EPA 524.2	VQC2879		08/17/06 20:29	WR	E96080
Toluene		0.22 U	υ g/L	0.22	EPA 524.2	VOC2679		08/17/06 20:29	WR	E96080
Total Xylenes		0.46 U	ug/L	0.46	EPA 524.2	VOC2679		08/17/06 20:29	WR	E96080
trans-1,2-Dichloroethene		0.35 U	ug/L	0.35	EPA 524.2	VOC2679		08/17/06 20:29	WR	E96080
Trichloroethene		0.38 U	ug/L	0.36	EPA 524.2	VOC2679		08/17/06 20:29	WR	£96080
Vinyl chloride		0.32 U	ug/L	0.32	EPA 524.2	VOC2679		08/17/06 20:29	WR	E96080
Alachior		0.61 U	ug/L	0.61	EPA 525.2	SVOC2433	08/18/06 7:32	08/23/06 14:36	WR	E96080
Alrazine		0.49 ป	ug/L	0.49	EPA 525.2	SVOC2433	08/18/06 7:32	08/23/06 14:36	WR	E96080
Berizo(a)pyrene		0.070 U	ug/L	0.070	EPA 525.2	SVOC2433	08/18/06 7:32	08/23/06 14:36	WR	E96080
bis(2-ethylhexyt)phthalate	!	0.85 U	ug/L	0.85	EPA 525.2	SVOC2433	08/18/06 7:32	08/23/06 14:36	WR	E96080
Di(2-ethylhexyl)adipate		U 88.0	ug/L	0.68	EPA 525.2	SVOC2433	08/18/06 7:32	08/23/06 14:36	WR	E96080
Hexachlorobenzene		0.31 U	ug/L	0.31	EPA 525.2	SVDC2433	08/18/06 7:32	08/23/06 14:36	WR	E96080
Hexachlorocyclopentadier	ne	0.24 U	ug/L	0.24	EPA 525.2	SVOC2433	08/18/06 7:32	08/23/06 14:36	WR	E96080
Simazine		0.63 U	ug/L	0.63	EPA 525.2	SVOC2433	08/18/06 7:32	08/23/06 14:36	WR	E96080
Carbofuran		0.18 U	ug/L	0.18	EPA 531.1	HPLC2323		08/15/06 16:03	JJМ	E96080
Oxamyl		0.41 U	ug/L	0.41	EPA 531.1	HPLC2323		08/15/06 16:03	ЛW	E96080
Glyphosate		26 U	ug/L	26	EPA 547	HPLC2325		08/17/06 13:47	JJM	E96080
Endothall		2.8 U	ug/L	2.8	EPA 548.1	SVOC2432	08/15/06 7:17	08/21/06 18:16	WR	E96080
Diquat		4.8 U	ug/L	4.8	EPA 549.2	HPLC2326	08/14/06 13:14	08/18/06 11:37	MIL	E96080
Antimony		0.0010 U	mg/L	0.0010	SM 3113 B	SAL1018		08/14/06 17:37	SAL	E84129
Arsenic		0.0010 U	mg/L	0.0010	SM 3113 B	SAL 1018		08/21/06 10:03		E84129
Color		4.0	CŬ	1.8	SM2120 B	WCGE25069		08/10/06 9:00		E96080
Cyanide		0.0047 U	mg/L	0.0047	SM4500CN E	WCGE26128	08/17/06 12:30	08/18/06 17:54		E96080

THE IN ACCORDED TO

CERTIFICATE OF ANALYSIS [2126500]

Client: Aqua Utilities Florida, Inc.

Workorder ID: Chuluota WTP #1 DW Scan

Parameter Quali	fier Result	Units	Reporting Limit	Method	Laboratory Batch	Prep Analyzed Date/Time Date/Time	Analyst	Lab ID
Laboratory ID: 2126500				Sampled:		Received: 08/08/06	13:36	
Sample ID: Trip Blan	ek			Matrix: Water	Results	reported on Wet Weight	Basis	!
1,1,1-Trichloroethane	9.21 U	ug/L	0.21	EPA 524.2	VOC2679	08/17/06 21:0		E96080
1,1,2-Trichloroethane	0.44 U	ug/L	0.44	EPA 524.2	VOC2679	08/17/06 21:0	3 WR	E96080
1,1-Dichloroethene	0.23 U	υg/L	0.23	EPA 524.2	VOC2879	08/17/06 21:0	3 WR	E96080
1,2,4-Trichlorobenzene	0.41 U	ug/L	0.41	EPA 524.2	VOC2679	08/17/06 21:0	3 WR	E96080
1,2-Dichlorobenzene	0.21 U	ug/L	0.21	EPA 524.2	VOC2679	08/17/06 21:03	3 WR	E96080
1,2-Dichloroethane	0,29 U	tig/L	0.29	EPA 524.2	VOC2679	08/17/06 21:0	3 WR	E96080
1,2-Dichloropropane	0.40 U	ug/L	0.40	EPA 524.2	VOC2679	08/17/06 21:0	3. WR	E96080
1,4-Dichlorobenzene	0.23 U	ug/L	0.23	EPA 524.2	VOC2679	06/17/06 21:0:	3 WR	E96080
Benzene	0,20 U	ug/L	0.20	EPA 524.2	VOC2679	08/17/06 21:0:	3 WR	E96080
Carbon tetrachioride	0.24 U	υg/L	0.24	EPA 524.2	VOC2679	08/17/06 21:03	3 WR	E96080
Chlorobenzene	0.30 U	⊌g/L	0.30	EPA 524.2	VOC2679	08/17/06 21:00	WR	E96080
cis-1,2-Dichloroethene	0.21 U	ug/L	0.21	EPA 524.2	VOC2679	08/17/06 21:03	WR	E96080
Ethylbenzene	0.21 ป	ug/L	0.21	EPA 524.2	VOC2679	08/17/06 21:03	WR	E96080
Methylene chloride	0.23 U	ug/L	0.23	EPA 524.2	VOC2679	08/17/06 21:03	WR	E96080
Styrene	0.21 U	υg/L	0.21	EPA 524.2	VOC2679	08/17/06 21:03	WR	E96080
Tetrachtoroethene	0.24 U	ug/L	0.24	EPA 524.2	VOC2679	08/17/06 21:03	wR	E96080
Toluene	0.22 U	υg/L	0.22	EPA 524.2	VOC2679	08/17/06 21:03	WR	E96080
Total Xylenes	0.46 U	ug/L	0.46	EPA 524.2	VOC2679	08/17/06 21:03	S WR	E96080
trans-1,2-Dichloroethene	0.35 U	υg/L	0.35	EPA 524.2	VOC2679	08/17/06 21:03	WR	E96080
Trichioroethene	0.36 U	ug/L	0.36	EPA 524.2	VOC2679	08/17/06 21:03	WR	E96080
Vinyl chloride	0.32 U	ug/L	0.32	EPA 524.2	VOC2679	08/17/06 21:03	WR	E96080

Result Qualifiers: U = Not Detected I = Analyte detected between the Laboratory Method Detection Limit and Laboratory Reporting Limit
Applicable Florida Department of Environmental Protection Qualifiers defined below. Statement of Estimated Uncertainty available upon request.

Q Sample held beyond the accepted holding time.



HARBOR BRANCH ENVIRONMENTAL LABORATORIES. INC. S600 US 1 North, Fort Pierce, Ft. 34946 Phone (772) 465-2400, Ext. 285 Fax: (772) 467-584

Chain-of-Custody

and

Agreement to Perform Services

USE BALL POINT PEN PRESS HARD COMPLETELY FILL OUT ALL NON GREYED AREAS PRINT LEGIBLY

Laboratory not responsible for omitted information

FDOH # E96080 5600 U.S. 1 North

_FDOH # E85370 307 Coolidge Avenue

Phone; Client Co	407-3	39-5	429	Fi.	:	32745	e-mail: Standard Laborator Turn Around Time	اغا	erature lecked N	·	or Lab untody s Intec Y. PRESE	eals NA		pH Checke Y	d -	LAB#2/	2500
Project M Sampled	Ву:	CHUL	005.	9_1	NT	P#1	Or Rush in Business Days Requires Laboratory Approval	1/1/	1	ANAL	YSES		ESTED	A		H=Hydrochloric Acid N=Nitric Acid S=Suffuric Acid	P=Phosphoric ST=Sodium Thiosulfet
LABID	DATE 9/9/06	TIME	Sample Type	MATRIX	# Containers	As Wi	LE DESCRIPTION II Appear On Report	531.1	515.1	535.2	845	505	504	VOC S		SH=Sadium Hydroxide	ENTS
	11		6	PW	1	ĺ	A WTP#1	×								pH=9.1	
	'1		G	DW	1	 	· (X							cla=1.0	
	1,		G	PW	3	,				X							
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01			6	DW	3	1	1						×			13 /124),,,
63					3	Tripple	mls Je Holo	+						<u>×</u>			
ਨੂ∂ RE	mole Type: LINQUISHE	DBY ·		nposite		F Inc	* Matrix: S=Solid SL=Sludge DW:	Drinking \	Vater (GW=Gro	rund Wa	ter SW	≠Surfac	e Water	ww=w	/astewater M=Mai	ine
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	TE/TIME (2.8.0	56		/0		CEIVED BY ALOR DE) (-				ISCI CU	ISTODY	204	1005	

<u> </u>
<u> </u>
_

HARBOR BRANCH

Chain-of-Custody

and

Agreement to Perform Services Phone (772) 465-2400, Ext 285 Fax: (772) 467-1584

USE BALL POINT PEN PRESS HARD COMPLETELY FILL OUT ALL NON GREYED AREAS PRINT LEGIBLY

Laboratory not responsible for omitted information

_FDOH # E96080 5600 U.S. 1 North

FDOH # E85370 307 Coolidge Avenue Lehigh Acres, FL 33936

Fort Platce, FL 34946 W ACCOL FROM # ERRENA

Compa	Company: Aqua Util Fi. Address: 140 HORE 5+						Shipment: 255 Enterprise Rd., Suite 1 2514 Osawew						# E84418 w Blvd.				
Addres	s: <u>140</u>	HOPE	<u> 5</u>	1							5 克拉克 内第四角	茅膏		Delton	a, FL 3	2725 Spring Hill, i	FL 34607
Phone:	407-3	моер 139-59	FL	Fax:	Zip	33750	e-mail: Standard Laboratory		ereture scked N	Ċu	stody S Intack Y	NA.		pH CHecke Y	d N	LAB# 2/26	500
Client (Contact:	BI	4	7	•		Turn Around Time		Τ	<u> </u>	RESE	NTAVF	/E			Preservation K	: A1/
Project	Name:	CHULL	vor	4 6	<i>0</i> T	P#1	Or Such to Such a S			ANAL		REQUE	STED			Heftydrochlaric Acid Pep	hosphorie Acid Sadium
Sample	d By:	7. 11	21 CC	AL	TH	Υ	Rush in Business Days Requires Laboratory Approval	E	- U	2	10	10.00	# 10	4	0	S=Suifunic Acid SH*Sodium Hydroxide U=U	Thiosulfets Impreserved
LAB ID	DATE	TIME	Sample Type*	MATRIX"	# Containers	1	LE DESCRIPTION II Appear On Report	CPOE	100, 202		70	P. T. P. C.	1- + 36.	bh 5	247	COMMEN.	rs
001	9/8/00	1120	G	Dω	1	CHULNOT	TA WTP#1	×								PH = 8.)	
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001		1,	6	DW	<u> </u>		·	}							X	9	rolde
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	Sample Type	e: G=Grab	C=Co	mposit	8		** Matrix: S=Solid SL.*Studge DW=	Drinking	Water	GW≈G	ound V	later S	N≑Surfa	nce Wat	ar WW	-Wasiawatas M-11	
Report	RELINQUISH		401	U.	~2	Z) R	ELINQUISHED BY					UISHED	_		I C		
of Ton	DATE/TIME		<u> </u>	120	C			176			DATE/T		7			FAL FORE	<u>K</u>
6 B	RECEIVED 8 DATE/TIME		<u></u>		1.7	* ***	ATE/TIME ATE/TIME	1.00	,			ED FOR	HBEL (CUSTO	DY BY	But	
Distribution							GOI D for SAMPLER	1235	0	1	DATE/T	IN E			<u> </u>	8.5.06 1	2CIR

CHAIN PAGE / of Z

Florida Department of Environmental Protection Safe Drinking Water Program Laboratory Reporting Format

PUBLIC WATER SYSTEM INFORMATION	(to be completed by sampler - Please type or	r print legibly)
System Name: Chuluota	Plant#1 PWS I.D. #	3 5 9 0 1 8 6
System Type (check one) X Communit		Transient Noncommunity
Address: 107 E 7+h St	•	
city: Chuluota	State: F/	ZIP Code:
Phone #: C/O 407-339-51	124 Fax# 407-3	139-7490
E-Mail Address: NA		
SAMPLE INFORMATION (to be completed by		
Sample Number:OO /		/n):
Sample Date: 08/08/06	Sample Time:	11: <u>20 AM</u>
Sample Location (be specific): Chuluota V		
Disinfectant Residual (Required when reporting	results for trihalomethanes and haloacetic acid	ds): mg/L Field pH:
Sample Type (Check Only One)	Reason(s) for Sample	(Check all that apply)
Distribution	Routine Compliance (with 62-550)	Quarterly (Which Qtr?
X Entry Point (to Distribution)	Confirmation of MCL Exceedence	
Plant Tap not for compliance with 62-550)	Composite of Multiple Sites**	Violation Resolution
Raw (at well or intake)	Clearance (permitting)	Replacement (of Invalidated Sample)
Max Residence Time	Other:	
Ave Residence Time	Sampling Procedure Used or Other C	Comments:
Near First Customer		
*See 62-550.500(6) for requirements a Note: See 62-550.512(3) for additional for Nitrate or Nitrite MCL exceeds	al requirements attach a	0.550(4) for requirements and results page for each site.
Sampler's Name: Terry McCo	orthy	
Sampler's Phone #: 407:330- F	Hau Sampler's Fax #:	407-339-7490
Sampler's E-Mail Address: NA		
CERTIFICATION (to be completed by sampler)		
Bill Trendel	Open	ator
Print Name	, water evolum and comple collection i	Print Tibe
do HEREBY CERTIFY that the above public completed and correct.	water system and sample collection (RIOGRADIU 15
Signature: (Silling)	Sportel Date:	9/18/01
	.730 Effective January 1995, Revised January 2004	

Florida Department of Environmental Protection Safe Drinking Water Program Laboratory Reporting Format

LABORATORY CERTIFICATION INFORMATION (to b	be completed by lab - Please type or print le	gibly)
ATTACH A CURRENT DOH ANALYTE SHEET		
Lab Name: Harbor Branch Environmental Laborate	pries, Inc. Florida Certification	#: E96080
Address: 5600 US 1 North	Certification Expiration Date	e: <u>06/30/20</u> 07
Fort Pierce, FL 34946	Phone #:(772)	465-2400 Ext. 285
ANALYSIS INFORMATION (to be completed by lab)	Date Sample(s) Received::	8/8/06
PWS ID (From Page 1): 3590186	Sample Number (From Page 1):	001
Lab Assigned Report Number or Job ID:	2126500001	
Group(s) Analyzed and Results attached for compliance	ce with Chapter 62-550, F.A.C. (Che	ck all that apply);
Inorganics Synthetic Organics	Volatile Organics	Disinfection Byproducts
[_]All 17	⊠1Alī 21	Trihalomethanes
∏Partial	Partial	Haloacetic Acids
Nitrate Partial		Bromate
[]Nitrite []Dioxin Only	Radionuclides	Chlorite
Asbestos Only	Single Sample	Secondaries
	[_]Qtrly Composite**	All 14
Were any analyses subcontracted? X Yes	No	Partial
If yes, please provide DOH certification numbers:	E84129	
ATTACH DOH ANALYTE SHEET FOR EACH SUBCONTRACTED		
	IFICATION	
1, Cindy Cromer (Print Name)	Laboratory D	
do HEREBY CERTIFY that all attached analytical data	(Print Title are correct and unless noted meet a	•
National Environmental Laboratory Accreditation Confe		•
Signature Comp Comm	Date: 08-Sep-	06
* Failure to provide a valid and current Florida DOH lab certificatio		
in rejection of the report, possible enforcement against the public a Bureau of Laboratory Services.	water system for failure to sample, and may	result in notification of the DOH
** Please provide radiological sample dates locations for each qui		
COMPLIANCE DETERMINATION (to be completed by DE		
Sample Collection Info Satisfactory: Yes No	Sample Analysis Info Sa	itisfactory: [Yes [No
Replacement Sample(s) Requested (circle or highlight gr	roup(s) above) []Revised Report Requ	ested (circle or highlight group(s) above)
Additional Monitoring Required (circle or highlight group(s)	above)	
Reason(s): MCL(s) Exceeded	Detection(s)	Incomplete Report
]Location Unsatisfactory	Analysis Unsatisfactory
Person Notified:	Date Notified:	
Comments:	Delo Homou.	
Date Reviewed: DEP/L	JOH Reviewing Official:	
	Effortive Innues 1006 Built of Lauran 0004	

INORGANIC ANALYSIS 62 - 550.310 (1) (PWS030)

Client:

Aqua Utilities Florida, Inc.

Workorder:

Chuluota WTP #1 DW Scan

Sample Location:

Chuluota WTP#1 Grab

Sample Number:

2126500001

Sampling Date:

8/08/06 11:20

Preservative:

Nitric Acid, Sodium Hydroxide, or None

Date Received:

8/08/06 13:36

_	ID	Parameter	MCL	Result		Method	MDL	Date	Lab ID
	1005	Arsenic	[0.01]	0.0010 U	mg/L	SM 3113 B	0.0010	8/21/06	E84129
	1010	Barium	[2]	0.020	mg/L	EPA 200.7	0.0018	8/16/06	E96080
	1015	Cadmium	[0.005]	0.00070 U	mg/L	EPA 200.7	0.00070	8/16/06	E96080
	1020	Chromium	[0.1]	0.0018 U	mg/L	EPA 200.7	0.0018	8/16/06	E96080
	1024	Cyanide	[0.2]	0.0047 U	mg/L	SM4500CN E	0.0047	8/18/06	E96080
	1025	Fluoride	[4]	0.092	mg/L	EPA 300.0	0.011	8/09/06	E96080
	1030	Lead	[0.015]	0.00061 U	mg/L	EPA 200.9	0.00081	8/16/06	E96080
	1035	Mercury	[0.002]	0.000060 U	mg/L	EPA 245.1	0.000060	8/18/06	E96080
	1036	Nickel	[0.1]	0.0020 U	mg/L	EPA 200.7	0.0020	8/16/06	E96080
	1040	Nitrate as N	[10]	0.019	mg/L	EPA 300.0	0.0030	8/09/06 12:40	E96080
	1041	Nitrite as N	[1]	0.0022 Ų	mg/L	EPA 300.0	0.0022	8/09/06 12:40	E96080
	1045	Selenium	[0.05]	0.0022 ป	mg/L	EPA 200.9	0.0022	8/24/06	E96080
	1052	Sodium	[160]	91	mg/L	EPA 200.7	0.50	8/18/06	E96080
	1074	Antimony	[0.006]	0.0010 U	mg/L	SM 3113 B	0.0010	8/14/06	E84129
	1075	Beryllium	[0.004]	0.00010 U	mg/L	EPA 200.7	0.00010	8/16/06	E96080
	1085	Thallium	[0.002]	0.0012	mg/L	EPA 200.9	0.0010	9/01/06	E96080

SECONDARY CHEMICAL ANALYSIS 62 - 550.320 (PWS031)

Client:

Aqua Utilities Florida, Inc.

Workorder:

Chuluota WTP #1 DW Scan

Sample Location:

Chuluota WTP#1 Grab

Sample Number:

2126500001

Sampling Date:

8/08/06 11:20

Preservative:

Nitric Acid or None

Date Received:

8/08/06 13:36

ID	Parameter	MCL	Result		Method	MDL	Date	Lab ID
1002	Aluminum	[0.2]	0.0030 U	mg/L	EPA 200.7	0.0030	8/16/06	E96080
1017	Chloride	[250]	150	mg/L	EPA 300.0	5.0	8/10/06	E96080
1022	Copper	[1]	0.0075	mg/L	EPA 200.7	0.0014	8/16/06	£96080
1025	Fluoride	[2]	0.092	mg/L	EPA 300.0	0.011	8/09/06	E96080
1028	iron	[0.3]	0.027	mg/L	EPA 200.7	0.025	8/16/06	E96080
1032	Manganese	[0.05]	0.0051	mg/L	EPA 200.7	0.0037	8/16/06	E96080
1050	Silver	[0.1]	0.0010 U	mg/L	EPA 200.7	0.0010	8/16/06	E96080
1055	Sulfate	[250]	17	mg/L	EPA 300.0	1.4	-8/10/06	E9608 0
1095	Zinc	[5]	0.010 U	mg/L	EPA 200.7	0.010	8/16/06	E96080
1905	Color	[15]	4.0	CU	SM2120 B	1.8	8/10/06 9:00	E96080
1920	Odor - Dechlorinated	[3]	24	T.O.N.	EPA 140.1	1.0	8/08/06 15:40	E83509
1925	pН	[6.5-8.5]	7.77	SU	EPA 150.1	0.200	8/08/06	E83509
1930	Total Dissolved Solids	[500]	470	mg/L	EPA 160.1	5.0	8/11/06	E83509
2905	Foaming Agents	[0.5]	0.090	mg/L	EPA 425.1	0.042	8/09/06 13:00	





SYNTHETIC ORGANICS 62 - 550.310 (4) (b)

Client:

Aqua Utilities Florida, Inc.

Workorder:

Chuluota WTP #1 DW Scan

Sample Location:

Chuluota WTP#1 Grab

Sample Number:

2126500001

Sampling Date:

8/08/06 11:20

Date Received:

8/08/06 13:36

ID	Parameter	MCL	Result	Units Q	ual. Method	MDL	Extracted Date	Analyzed Date/Time	Lab ID
2005	Endrin	[2]	0.10 U	ug/L	EPA 505	0.10	8/15/06		E96080
2010	gamma-BHC (Lindane)	(0.2)	0.020 U	սց/Լ	EPA 505	0.70		8/15/06 21:39	
2015	Methoxychior	[40]		-			8/15/06	8/15/08 21:39	E96080
	•	•	0.044 U	ug/L	EPA 505	0.044	8/15/06	8/15/06 21:39	E96080
2020	Toxaphene	[3]	0.60 U	ug/L	EPA 505	0.60	8/15/08	8/15/06 21:39	E960B0
2031	Dalapon	[200]	2.3 U	ug/L	EPA 515.1	2.3	8/16/08	8/17/06 21:14	E96080
2032	Diquat	[20]	4.8 U	ug/L	EPA 549.2	4.8	8/14/06	8/18/06 11:37	E96080
2033	Endothail	[100]	2.8 U	ug/L	EPA 548.1	2.8	8/15/06	8/21/06 18:16	E96080
2034	Glyphosate	[700]	26 U	ug/L	EPA 547	26		8/17/06 13:47	E96080
2035	Dl(2-ethylhexyl)adipate	[400]	0.68 ป	ug/L	EPA 525.2	0.68	8/18/06	8/23/06 14:36	E96080
2036	Oxamyi	[200]	0.41 U	ug/L	EPA 531.1	0.41		8/15/06 16:03	E96080
2037	Simazine	[4]	0.63 U	ug/L	EPA 525.2	0.63	8/18/06	8/23/06 14:36	E96080
2039	bis(2-ethythexyl)phthalate	[6]	0.85 U	ug/L	EPA 525.2	0.85	8/18/06	8/23/06 14:38	E96080
2040	Picloram	[500]	0.23 U	ug/L	EPA 515.1	0.23	8/16/06	8/17/06 21:14	E96080
2041	Dinoseb	(7)	0.23 U	ug/L	EPA 515.1	0.23	8/16/06	8/17/06 21:14	E96080
2042	Hexachlorocyclopentadiene	[50]	0.24 U	ug/L	EPA 525.2	0.24	8/18/06	8/23/06 14:36	E96080
2046	Carbofuran	[40]	0.18 U	ug/i.	EPA 531.1	0.18		8/15/06 16:03	E96080
2050	Atrazine	[3]	0.49 U	ug/L	EPA 525.2	0.49	8/18/06	8/23/06 14:36	E96080
2051	Alachior	[2]	0.61 U	ug/L	EPA 525.2	0.61	8/18/06	8/23/06 14:36	E96080
2065	Heptachlor	[0.4]	0.036 U	ug/L	EPA 505	0.036	8/15/06	8/15/06 21:39	E96080
2067	Heptachlor epoxide	[.2]	0.027 U	ug/L	EPA 505	0.027	8/15/06	8/15/06 21:39	E96080
2105	2, 4 -D	[70]	0.22 U	ug/L	EPA 515.1	0.22	8/16/06	8/17/06 21:14	E96080
2110	2,4,5-TP	[50]	0.19 U	ug/L	EPA 515.1	0.19	8/16/06	8/17/06 21:14	E96080
2274	Hexachiorobenzene	[1]	0.31 U	ug/L	EPA 525.2	0.31	8/18/06	8/23/06 14:36	E96080
2306	Benzo(a)pyrene	[.2]	0.070 U	บg/L	EPA 525.2	0.070	8/18/06	8/23/06 14:36	E96080
2326	Pentachlorophenol	[1]	0.39 U	ug/L	EPA 515.1	0.39		8/17/06 21:14	E96080
2383	PCB	[.5]	0.14 U	ug/L	EPA 505	0.14		8/15/06 21:39	E96080
2931	1,2-Dibromo-3-chloropropane	{.2}	0.0019 U	ug/L	EPA 504.1	0.0010		8/21/08 22:49	E96080
2946	1,2-Dibromoethane	{.02}	0.0024 U	ug/L	EPA 504.1	0.0024		8/21/06 22:49	E96080
2959	Chlordane	[2]	0.13 U	ug/L	EPA 505	0.13		8/15/06 21:39	E96080
_		.,		~3v -	F1 VVV	0.10	Or 10/00	UI 13100 Z 1.39	こっちいつひ

Reporting Formal 62-550.730 Effective January 1995, Revised January 2004 NOTE: Effective 1/1/2004, results indicating a non-detection with a reported MDL >50% of the MCL witl not be accepted for compliance work with 62-550,310(4)(b)

Results must be reported with appropriate qualifiers in accordance with Florida Administrative Code Rule 62-160, Table 1. Results Qualified with A, F, H, N, O, T, Z, ?, °, are inacceptable for compilance with 62-550. Results qualified with a J, Q, R, or Y must be accompanied by written justification and will be evaluated on a case by case basis. To void a monitoring violation, unacceptable results must be replaced with acceptable results from samples collected during the same monitoring peri

1600 US 1 North ort Pierce, FL 34946 DOH # E96080 4155 St. Johns Pkwy Suite 1300 Sanford, FL 32771

FDOH # E83509

LICH # E



307 Coolidge Avenue Lehlgh Acres, FL 33936 FDOH # E85370

16331 Cortez Blvd Brooksville, FL 3460 FDOH # E84418

rinted: 9/8/06

VOLATILE ORGANICS 62 - 550.310 (4) (a)

Client:

Aqua Utilities Florida, Inc.

Workorder:

Chuluota WTP #1 DW Scan

Sample Location;

Chuluota WTP#1 Grab

Sample Number:

2126500001

Sampling Date:

8/08/06 11:20

Date Received:

8/08/06 13:36

ID	Parameter	MCL	Result	Units Qual.	Method	MDL	Date/Time	Lab ID
2378	1,2,4-Trichlorobenzene	[70]	0,41 U	ug/L	EPA 524.2	0.41	8/17/06 20:29	E96080
2380	cis-1,2-Dichloroethene	[70]	0.21 U	ug/L	EPA 524.2	0.21	8/17/06 20:29	E96080
2955	Total Xylenes	[10000]	0.46 U	ug/L	EPA 524.2	0.46	8/17/06 20:29	E96080
2964	Methylene chloride	[5]	0.23 U	υg/L	EPA 524.2	0.23	8/17/06 20:29	E96080
2968	1,2-Dichlorobenzene	[600]	0.21 U	ug/L	EPA 524.2	0.21	8/17/06 20:29	E96080
2969	1,4-Dichiorobenzene	[75]	0.23 U	ug/L	EPA 524.2	0.23	8/17/06 20:29	E96080
2976	Vinyl chloride	[1]	0.32 U	ug/L	EPA 524.2	0.32	8/17/06 20:29	E96080
2977	1,1-Dichloroethene	[7]	0.23 U	ug/L	EPA 524.2	0.23	8/17/06 20:29	E96080
2979	trans-1,2-Dichloroethène	[100]	0.35 U	ug/L	EPA 524.2	0.35	8/17/06 20:29	E96080
2980	1,2-Dichloroethane	[3]	0.29 U	ug/L	EPA 524.2	0.29	8/17/06 20:29	E96080
2981	1,1,1-Trichloroethane	[200]	0.21 U	иg/L	EPA 524.2	0.21	8/17/06 20:29	E96080
2982	Carbon tetrachloride	[3]	0.24 U	ug/L	EPA 524.2	0.24	8/17/06 20:29	E96080
2983	1,2-Dichloropropane	[5]	0.40 U	ug/L	EPA 524.2	0.40	8/17/06 20:29	E96080
2984	Trichloroethene	[3]	0.36 U	ug/L	EPA 524.2	0.36	8/17/06 20:29	E96080
2985	1,1,2-Trichloroethane	[5]	0.44 U	ug/L	EPA 524.2	0.44	8/17/06 20:29	E96080
2987	Tetrachloroethene	[3]	0.24 U	ug/L	EPA 524.2	0.24	8/17/06 20:29	E96080
2989	Chlorobenzene	[100]	0.30 U	ug/L	EPA 524.2	0.30	8/17/06 20:29	E96080
2990	Benzene	[1]	0.20 U	ug/L	EPA 524.2	0.20	8/17/06 20:29	E96080
2991	Toluene	[1000]	0.22 U	ug/L	EPA 524.2	0.22	8/17/06 20:29	E96080
2992	Ethylbenzene	[700]	0.21 U	ug/L	EPA 524.2	0.21	8/17/06 20:29	E96080
2996	Styrene	[70]	0.21 U	ug/L	EPA 524.2	0.21	8/17/06 20:29	E96080

Reporting Format 62-550.730 Effective January 1995, Revised January 2004

600 US 1 North ort Pierce, FL 34946 DOH # E96080

rinted: 9/8/06

4155 St. Johns Pkwy Suite 1300 Sanford, FL 32771 FDOH # E83509



307 Coolidge Avenue Lehigh Acres, FL 33936 FDOH # E85370

16331 Corfez Blvd Brooksville, FL 34607 FDOH # E84418

Results must be reported with appropriate qualifiers in accordance with Florida Administrative Code Rule 82-160, Table 1. Results Qualified with A, F, H, N, O, T, Z, ?, ", inacceptable for compliance with 62-550. Results qualified with a J, Q, R, or Y must be accompanied by written justification and will be evaluated on a case by case basis, avoid a monitoring violation, unacceptable results must be replaced with acceptable results from samples collected during the same monitoring periods.

Florida Department of Environmental Protection Safe Drinking Water Program Laboratory Reporting Format

City: State: ZIP Code:	community				
City: State: ZIP Code: Phone #: Fax #: E-Mail Address: SAMPLE INFORMATION (to be completed by sampler) Sample Number: Location Code (if known): Sample Date: Sample Time: Sample Location (be specific): Trip Blank Disinfectant Residual (Required when reporting results for trihalomethanes and haloacetic acids):mg/L Fie Sample Type (Check Only One) Reason(s) for Sample (Check all that apply) Distribution					
City: State: ZIP Code:					
City: State: ZiP Code: Phone #: Fax #: E-Mail Address: SAMPLE INFORMATION (to be completed by sampler) Sample Number: Location Code (if known): Sample Date: Sample Time: Sample Location (be specific): Trip Blank Disinfectant Residual (Required when reporting results for trihalomethanes and haloacetic acids): mg/L Field Sample Type (Check Only One) Reason(s) for Sample (Check all that apply) Distribution Residual (Required when reporting results for trihalomethanes and haloacetic acids): mg/L Field Sample Type (Check Only One) Reason(s) for Sample (Check all that apply) Distribution Residual (Required when reporting results for trihalomethanes and haloacetic acids): mg/L Field Sample Type (Check Only One) Reason(s) for Sample (Check all that apply) Distribution Residual (Required when reporting results for trihalomethanes and haloacetic acids): mg/L Field Sample Type (Check Only One) Reason(s) for Sample (Check all that apply) Distribution Residual (Required when reporting results for trihalomethanes and haloacetic acids): mg/L Field Sample Type (Check Only One) Reason(s) for Sample (Check all that apply) Distribution Residual (Required when reporting results for trihalomethanes and haloacetic acids): mg/L Field Sample Type (Check Only One) Reason(s) for Sample (Check all that apply) Distribution Residual (Required when reporting results for trihalomethanes and haloacetic acids): mg/L Field Sample Type (Check Only One) Reason(s) for Sample (Check all that apply) Distribution Residual (Required when reporting results for trihalomethanes and haloacetic acids): mg/L Field Sample Type (Check Only One) Reason(s) for Sample (Check all that apply) Distribution Residual (Required when reporting results for trihalomethanes and haloacetic acids): mg/L Field Sample Type (Check Only One) Reason(s) for Sample (Check all that apply) Distribution Residual (Required when reporting results for trihalomethanes and haloacetic acids): mg/L Field Sample Type (Check Only One) Reason(s) for Sample (Check all					
E-Mail Address: SAMPLE INFORMATION (to be completed by sampler) Sample Number: Sample Date: Sample Location Code (if known): Sample Time: Sample Location (be specific): Trip Blank Disinfectant Residual (Required when reporting results for trihalomethanes and haloacetic acids): Sample Type (Check Only One) Reason(s) for Sample (Check all that apply) Distribution Routine Compliance (with 62-550) Confirmation of MCL Exceedence* Special (not for compliant Tap not for compliance with 62-550) Raw (at well or intake) Raw (at well or intake) Clearance (permitting) Replacement (of Max Residence Time Other: Ave Residence Time Sampling Procedure Used or Other Comments:					
Sample Number: Location Code (if known): Sample Number: Sample Time: Sample Location (be specific): Trip Blank Disinfectant Residual (Required when reporting results for trihalomethanes and haloacetic acids): mg/L Field Sample Type (Check Only One) Reason(s) for Sample (Check all that apply) Distribution Routine Compliance (with 62-550) Quarterly (Which (Check all that apply)) Entry Point (to Distribution) Confirmation of MCL Exceedence* Special (not for compliant Tap not for compliance with 62-550) Composite of Multiple Sites** Violation Resolution Raw (at well or intake) Clearance (permitting) Replacement (of Max Residence Time Other: [Ave Residence Time Sampling Procedure Used or Other Comments:					
Sample Number: Location Code (if known): Sample Number: Sample Time: Sample Location (be specific): Trip Blank Disinfectant Residual (Required when reporting results for trihalomethanes and haloacetic acids): mg/L Field Sample Type (Check Only One) Reason(s) for Sample (Check all that apply) Distribution Routine Compliance (with 62-550) Quarterly (Which (Check all that apply)) Entry Point (to Distribution) Confirmation of MCL Exceedence* Special (not for compliant Tap not for compliance with 62-550) Composite of Multiple Sites** Violation Resolut Raw (at well or intake) Clearance (permitting) Replacement (of Max Residence Time Other: [Ave Residence Time Sampling Procedure Used or Other Comments:					
Sample Number: Sample Date: Sample Location (be specific): Trip Blank Disinfectant Residual (Required when reporting results for trihalomethanes and haloacetic acids): mg/L Fig. Sample Type (Check Only One) Reason(s) for Sample (Check all that apply) Distribution Routine Compliance (with 62-550) Quarterly (Which 62-550) Quarterly (Which 62-550) Quarterly (Which 62-550) Plant Tap not for compliance with 62-550) Composite of Multiple Sites** Violation Resoluted Raw (at well or intake) Clearance (permitting) Replacement (of plant Residence Time Other: Ave Residence Time Sampling Procedure Used or Other Comments:					
Sample Date: Sample Location (be specific): Trip Blank Disinfectant Residual (Required when reporting results for trihalomethanes and haloacetic acids):mg/L Fig. Sample Type (Check Only One)					
Sample Location (be specific): Trip Blank Disinfectant Residual (Required when reporting results for trihalomethanes and haloacetic acids):mg/LField Sample Type (Check Only One)					
Disinfectant Residual (Required when reporting results for trihalomethanes and haloacetic acids):mg/LField Sample Type (Check Only One)					
Sample Type (check Only One) Reason(s) for Sample (check all that apply) [Distribution					
Distribution					
Entry Point (to Distribution) Confirmation of MCL Exceedence* Special (not for compliance of Multiple Sites** Violation Resolution Raw (at well or intake) Max Residence Time Other: Ave Residence Time Sampling Procedure Used or Other Comments:	_				
Plant Tap not for compilance with 62-550) Composite of Multiple Sites** Violation Resolut Clearance (permitting) Replacement (of Other: Ave Residence Time Sampling Procedure Used or Other Comments:	Quarterly (Which Qtr?				
Raw (at well or intake) Clearance (permitting) Max Residence Time Other: Sampling Procedure Used or Other Comments:					
Max Residence Time Other: Sampling Procedure Used or Other Comments:	Replacement (of invalidated Sample)				
Ave Residence Time Sampling Procedure Used or Other Comments:					
*See 62-550.500(6) for requirements and restrictions. Note: See 62-550.512(3) for additional requirements attach a results page for each site. for Nitrate or Nitrite MCL exceedences.	đ				
Sampler's Name:					
Sampler's Phone #: Sampler's Fax #:	Sampler's Fax #:				
Sampler's E-Mail Address:					
CERTIFICATION (to be completed by sampler)					
ì.					
Print Name Print Title					
do HEREBY CERTIFY that the above public water system and sample collection information is completed and correct.					
Signature: Date:					

Florida Department of Environmental Protection Safe Drinking Water Program Laboratory Reporting Format

LABORATORY CERTIFICA	TION INFORMATION (to	be completed by lab - Please type or print	legibly)				
ATTACH A CURRENT DOH ANA							
Lab Name: Harbor Bran	ch Environmental Laboral	tories, Inc. Florida Certification	n#: <u>E9608</u> 0				
Address: 5600 US 1 N	lorth	Certification Expiration Da	ete: 06/30/2007				
Fort Pierce,	FL 34946	Phone #:(772) 465-2400 Ext. 285				
ANALYSIS INFORMATION	(to be completed by !ab)	Date Sample(s) Received::	8/8/06				
PWS ID (From Page 1):		Sample Number (From Page 1):					
Lab Assigned Report Numb	er or Job ID:	2126500002					
Group(s) Analyzed and Res	ults attached for complian	nce with Chapter 62-550, F.A.C. (c	heck all that apply):				
Inorganics	Synthetic Organics	Volatile Organics	Disinfection Byproducts				
All 17	All 30	18 All 21	Trihalomethanes				
[Partial	All Except Dioxin	Partial	∐Haloacetic Acids				
Nitrate	Partial		Bromate				
Nitrite	Dioxin Only	Radionuclides	Chlorite				
Asbestos Only		Single Sample	Secondaries				
		Qtrly Composite**	All 14				
Were any analyses subcont	racted? X Yes	No	Partial				
If yes, please provide DOH	certification numbers:	E84129					
ATTACH DOH ANALYTE SHEET							
	CER	TIFICATION					
I, Cindy Cron	ner	Laboratory	Director				
(Print Name)	all attached applicated dat	(Print					
National Environmental Lab		ta are correct and unless noted mee sterence (NELAC)	et all requirements of the				
		• •					
	<i>y</i>	Date: 08-Se					
		tion number and a current Analyte Sheet for c water system for failure to sample, and m					
Bureau of Laboratory Services.			by 1654h in Houndard of the DOST				
** Please provide radiological san		<u> </u>					
COMPLIANCE DETERMIN		•					
Sample Collection Info Satis	, _, _,	•	,				
		group(s) above) Revised Report Re	quested (circle or highlight group(s) above)				
Additional Monitoring Re	quired (circle or highlight group)	(s) above)					
	nalyte Sheet(s)	Detection(s) Location Unsatisfactory	Incomplete Report Analysis Unsatisfactory				
Person Notified:		Date Notifie	d:				
			U				
Date Reviewed:	DEP	/DOH Reviewing Official:					
		0 Effective January 1995, Revised January 2004					

HARBOR BRANCH ENVIRONMENTAL LABORATORIES, INC. 探答: 1751 1485 2685 1885 1486 (772) 467-584

VOLATILE ORGANICS 62 - 550.310 (4) (a)

Client:

Aqua Utilities Florida, Inc.

Workorder:

Chuluota WTP #1 DW Scan

Sample Location:

Trip Blank

Sample Number:

2126500002

Sampling Date:

Date Received:

8/08/06 13:36

ID	Parameter	MCL	Result	Units Qual.	Method	MDL	Date/Time	Lab ID
2378	1,2,4-Trichlorobenzene	[70]	0.41 U	ug/L	EPA 524.2	0.41	8/17/06 21:03	E96080
2380	cis-1,2-Dichloroethene	[70]	0.21 U	ug/L	EPA 524.2	0.21	8/17/06 21:3	E96080
2955	Total Xylenes	[10000]	0.46 U	ug/L	EPA 524.2	0.46	8/17/06 21:3	E96080
2964	Methylene chloride	[5]	0.23 U	ug/L	EPA 524.2	0.23	8/17/06 21:3	E96080
2968	1,2-Dichlorobenzene	[600]	0.21 U	υg/L	EPA 524.2	0.21	8/17/06 21:3	E96080
2969	1,4-Dichlorobenzene	[75]	0.23 U	ug/L	EPA 524.2	0.23	8/17/06 21:3	E96080
2976	Vinyi chloride	[1]	0.32 U	ug/L	EPA 524.2	0.32	8/17/06 21:3	E96080
2977	1,1-Dichloroethene	[7]	0.23 U	ug/L	EPA 524.2	0.23	8/17/06 21:3	E96080
2979	trans-1,2-Dichloroethene	[100]	0.35 U	ug/L	EPA 524.2	0.35	8/17/06 21:3	E96080
2980	1,2-Dichloroethane	[3]	0.29 U	ug/L	EPA 524.2	0.29	8/17/06 21:3	E96080
2981	1,1,1-Trichloroethane	[200]	0.21 U	υ g/L	EPA 524.2	0.21	8/17/06 21:3	E96080
2982	Carbon tetrachloride	[3]	0.24 U	ug/L	EPA 524.2	0.24	8/17/06 21:3	E96080
2983	1,2-Dichloropropane	[5]	0.40 U	ug/L	EPA 524.2	0.40	8/17/06 21:3	E96080
2984	Trichioroethene	[3]	0.38 U	υg/L	EPA 524.2	0.36	8/17/06 21:3	E96080
2985	1,1,2-Trichloroethane	[5]	0.44 U	ug/L	EPA 524.2	0.44	8/17/06 21:3	E96080
2987	Tetrachloroethene	[3]	0.24 U	ug/L	EPA 524.2	0.24	8/17/06 21:3	E96080
2989	Chlorobenzene	[100]	0.30 ป	υg/L	EPA 524.2	0.30	8/17/06 21:3	E96080
2990	Benzene	[1]	0.20 U	υg/L	EPA 524.2	0.20	8/17/06 21:3	E96080
2991	Toluene	[1000]	0.22 U	ug/L	EPA 524.2	0.22	8/17/06 21:3	E96080
2992	Ethylbenzene	[700]	0.21 U	ug/L	EPA 524.2	0.21	8/17/06 21:3	E96080
2996	Styrene	[70]	0.21 U	ug/L	EPA 524.2	0.21	8/17/06 21:3	E96080

Reporting Format 62-550,730 Effective January 1995, Revised January 2004

Results must be reported with appropriate qualifiers in accordance with Florida Administrative Code Rule 62-160. Table 1. Results Qualified with A, F, H, N, O, T, Z, ?, *, inacceptable for compliance with 62-550. Results qualified with a J. Q, R, or Y must be accompanied by written justification and will be evaluated on a case by case basis, wold a moretoning violation, unacceptable results must be replaced with acceptable results from samples collected during the same monitoring peri

600 US 1 North ort Pierce, FL 34946 DOH # E96080

rinted: 9/8/06

4155 St. Johns Plovy Suite 1300 Sanford, FL 32771

FDOH # E83509



307 Coolidge Avenue Lehigh Acres, FL 33936 FDOH # E85370 16331 Cortez Blvd Brooksville, FL 34607 FDOH # E84418

SOUTHERN ANALYTICAL LABORATORIES, INC.

110 BAYVIEW BOULEVARD, OLDSMAR, FL 34677 813-855-1844 fax 813-855-2218



Harbor Branch Oceanographic Institution Inc. 5600 US 1 North Fort Pierce, FL 34946-

August 21, 2006 Project No: 62309

Laboratory Report

Project Name	Drini	Drinking Water Compilance Metals												
Parameters	Units	Resulta	•	Method	Detection Limit	Date/Time Analyzed	Date/Time Prep	Analyst						
Sample Description	2128	500 0018			- · · ·									
Matrix		king Water												
SAL Sample Number	6230	9.01												
Date/Time Collected	08/08	3/06 11:20												
Date/Time Received	08/11	1/06 08:55												
Metals														
Arsenic	mg/i	0.001	Ų	SM 3113 B	0.001	08/21/06 10:03		BMD						
Antimony	rng/l	0.001	U	SM 3113 B	0.001	08/14/06 14:37		BMD						
Sample Description		501 0013												
Matrix		king Water												
SAL Sample Number	6230	•												
Date/Time Collected		B/06 10:00												
Date/Time Received	08/11	1/06 08:55												
Metals														
Arsenic	mg/l	0.001	U	SM 3113 B	0.001	08/21/06 10:03		BMD						
Antimony	mg/l	0.001	U	SM 3113 B	0.001	08/14/06 14:37		BMD						

SOUTHERN ANALYTICAL LABORATORIES, INC.

110 BAYVIEW BOULEVARD, OLDSMAR, FL 34677

813-855-1844 fax 813-855-2218



Harbor Branch Oceanographic Institution Inc. 5600 US 1 North Fort Pierce, FL 34946-

August 21, 2006 Project No: 62309

Laboratory Report

Project Name

Drinking Water Compliance Metals

Footnotes

- Test results presented in this report meet all the requirements of the NELAC standards.
- A statement of estimated uncertainty of test results is available upon request.
- Analyte was undetected, indicated concentration is method detection limit. U

Harbor Branch **Environmental Laboratory**

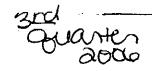
HARBOR BRANCH ENVIRONMENTAL LABORATORY 5600 U. S. 1 North, Ft. Pierce, FL 34946, 772-465-2400 ext. 292

Subcontracting Form 001A REV 001 Effective Date 12/05/2002

Fax: (772) 467-1584 CHAIN OF CUSTODY RECORD

				ABORATORY				SIS REQUIR		COLLECTION R	EMARKS
PROJECT NAME:	Var Ca	<u>MX/627</u>	<u> 12 - 12)</u> e	PAGE CO		M	PRE	SERVATIVE		-	
SAMPLE TYPE: C			H,S	ative: HCI = H, HNO ₃ = N, No ₃ S ₂ O ₃ = O ₄ = S, NaOH = SH, Unpreserved = U Water = SW, Wastewater = WW, Soil :		Demi. F					
S, Waste = W, C	DII =O	COLLECTION DATE 711	TYPE	HBEL SAMPLE ID						SAMPLE COMP	IEN75
31 02	DU	8/3/14 //	20 15 30 15	2126500015 21265010015	<i>j</i>	Janear I				BY FARM	HNU2
	i				1	\ }	i)	i 1	1	

Alige Mil



45 | North Fort Plance Ft 34946 | 772) 467-1584

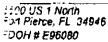
CERTIFICATE OF ANALYSIS [2126477]

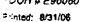
ফালে Aqua Utilities Florida, Inc.

Workorder ID: Chuluota TTHM/HAA5 Grab

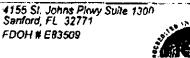
= erameter	Qualifier	Result	Units	Reporting Umit	Method	Leboratory Batch	Prep Date/Time	Analyzed Date/Time	Anatyst	Lab ID
_aboratory ID: Sample ID:	2126477001 390 Lk Lane	ile			Sampled: 08/04/06 Matrix: Water		Received:	08/04/06 Net Weight B		IN TO THE BEAT
Bromodichloremeth	isne	26	ugfl.	0.25	EPA 524.2	VQC2878		08/15/06 21:02		E96080
Bromoform		37	ug/L	0.41	EPA 524.2	VOC2678		08/15/06 21:02	WR	E96080
Chioroform		13	ug/L	0.25	EPA 524.2	VOC2678		08/15/06 21:02	WR	E96080
Dibromochiorometh	2ne	54	ug/L	0.30	EPA 524.2	VQC2678		08/15/06 21:02	WR	E98080
Total TriMs		130	ug/L	0.50	EPA 524.2	VQC2678		08/15/06 21:02		E96080
Laboratory ID: Sample ID:	2126477002 803 Mazurka	· · · · · · · · · · · · · · · · · · ·	51\ <u></u>	7	Sampled: 08/04/05 Malrix: Water		Received: reported on V	08/04/06 Vet Weight E		
Bromodichlorometh	ane	25	ugiL	0.25	EPA 524.2	VOC2678		104/15/06 21:35		E96080
Bromoform		38	ug/l	0.41	EPA 524.2	VQC2578		08/15/06 21:36	WR	E96080
Chlorotorm		8.6	ug/L	0.25	EPA 524.2	VOC2678		08/15/06 21:36		E96080
Dibromochlorometh		53	Ug/L	0.30	EPA 524.2	VOC2678		OB/15/06 21,36		E96080
Total THMs		196,04.1	ug/L	0.50	EPA 524.2	VOC2678		08/15/06 21:36	WR	E96080
Leboratory ID: Sample ID:	2126477003 Trip Blanks		•		Sampled: Matrix: Water	Results	Received: reported on V			
: :: modichiorometh	ane	0.25 U	ug/L_	0.25	EPA 524.2	VOC2678		08/15/06 22:10	WR	E96060
₹ ", = oform		0.41 U	ug/L	0.41	EPA 524.2	VOC2678		08/15/06 22,10	WR	E96080
11 112 form		0.25 U	ug/L	0.25	EPA 524.2	VOC2578		08/15/06 22:10	WR	E96080
: a machiorometh	anc	0.30 U	ug/L	0.30	EPA 524.2	VDC2678		08/15/06 22:10	WR	E96080
-:-}. =uM\$		0.50 U	ug/L	0.50	EPA 524.2	VOC2678		08/16/06 22:10	WR	E96080

Faset Qualifiers: U = Not Detected I = Analyte detected between the Laboratory Method Detection Limit and Laboratory Reporting Limit 22 table Florida Department of Environmental Protection Qualifiers defined below. Statement of Estimated Uncertainty available upon request.





FDOH # E83509



SOUTHERN ANALYTICAL LABORATORIES, INC.



Hurbor Branch Oceanographic Institution Inc.

HBL#2126477

Sample 10: 190 Lake Lanelle

August 30, 2006

Sample No.: 62697.01

PWS ID:

3590186

Disinfectant Residual (mg/L): 0.1

Disinfection Byproducts 62-550.310(3)

Contaminant (D	Contaminanii Neme	MCL	Units	Arialysis Result	Quahlier*	Analytical Method	Lab MDL	An al yşi ş Dafe	Analysis Ting	DQH Lab Certification #
	Monochloroscetic Acid	N/A.	µg/L	1	Ú,Q	EPA 552.2	1	08/27/08	01:28	E84 129
2451	Dichloroaceaic Acid	N/A	ug/L	3:3	LQ.	EPA 552.2	1	g8/27/g 8	01:26	E84129
2452	Trichloroacetic Acid	'N/A	navr	1.6	1,Q	EPA.552.2	1	08/27/05	01:26	E84129.
2453	Monobromeacetic Acid	N/A	ug/L	1.5	J,O	EPA 552.2	1	08/27/06	01:26	E84129
2454	Dibromoscetic Acid	NA	pg/L	9.7	Q	EPA 552 2	1	08/27/06	01:26	EB4129
2458	Total Haloscetic Acids	.60	ug/L	16;1	.Q	EPA 552.2	1	08/27/00	01:28	E84129

* பேசிரித்த க

The reported value is between the Laboratory method despection state and tabourdary predicted quantitation half. Sample analyzed beyond the accepted holding little at course.

Q Sample held beyond the accepted holding time.

U.O. Analyte was not detected; and realed observation is method detaction smit. (F.Sample held beyond the accepted Holding Sme.

HARBOR BRANCH ENVIRONMENTAL LABORATORIES, INC. 5600 U.S. I North, Fort Plance FL 34946 Phone: (772) 465-2400, Ext. 285 Fex. (772) 467-584

Date issued: June 8, 2006

Ta:

Brian Heath

Aqua Utilities Florida, Inc.

140 Hope Street

Longwood, FL 327505141

Client:

Aqua Utilities Florida, Inc.

Workorder ID: Chuluota TTHM

[2125756]

Received:

5/18/06 15:00

Dear Brian Heath:

Analytical results presented in this report have been reviewed for compliance with the HARBOR BRANCH Environmental Laboratories Inc.'s (HBEL) Quality Systems Manual and have been determined to meet applicable Method guidelines and Standards referenced in the July 2003 National Environmental Laboratory Accreditation Program (NELAP) Quality Manual unless otherwise noted. The Analytical Results within these report pages reflect the values obtained from tests performed on Samples As Received by the laboratory unless indicated differently.

FDOH Safe Drinking Water Act, Clean Water Act and RCRA Certification #'s: E96080, E83509, E85370, E84418

Questions regarding this report should be directed to the Report Signatory at (772) 465-2400, Ext. 285 referencing the HBEL Workorder ID Number].

Respectfully submitted.

Cindy Cromer

Technical Director or Designee

Note: This report is not to be copied, except in full, without the expressed written consent of the HARBOR BRANCH Environmental Laboratories, Inc.

5600 US 1 North Fort Pierce, FL 34946

FDOH # E96080

4155 St. Johns Pkwy Suite 1300 Sanford, FL 32771

FDOH # E83509

307 Coolidge Avenue Lehigh Acres, FL 33936 Brooksville, FL 3460 FDOH # E85370

16331 Cortez Blvd FDOH # E84418

Printed: 6/8/06

Page 1 of 4

HARBOR BRANCH ENVIRONMENTAL LABORATORIES. INC. 5600 U.S. I North, Fort Pierce Ft. 34946 Phone (772) 465-2400, Ext. 285 Fax: (772) 467-584

Quality Control Summary

Client:

Aqua Utilities Florida, Inc.

Received:

Workorder ID: Chuluota TTHM 5/18/06 15:00

[2125756]

MB=Method Blank LCS=Laboratory Control Sample LCSD=Laboratory Control Sample Duplicate MS=Matrix Spike MSD=Metrix Spike Duplicate DUP=Sample Duplicate

HBEL Sample

Method Narratives (If Applicable)

<u>Number</u>

Sample IQ **Analytical Method**

Description

Quality Control Summary

Method HBEL Batch Analyte

Analytical Issue

Printed: 6/8/06

CERTIFICATE OF ANALYSIS [2125756]

Client: Aqua Utilities Florida, Inc.

Workorder ID: Chuluota TTHM

Parameter	Qualifier	t Result	Units	Reporting Limit	Method	Laboratory Batch		Analyzed Date/Time	Anaiyst	Lab ID
Laboratory ID: Sample ID:	2125756001 803 Mazurka	Grab	-		Sampled: 05/18/ Matrix: Water		Received:	05/18/06 Vet Weight 6		
Bromodichlorometh.	ane	31	ug/L	0.25	EPA 524.2	VOC2639		05/31/05 2:53	WR	E96080
Bromoform		75	ug/L	0.41	EPA 524.2	VOC2639		05/31/06 2:53	WR	E96080
Chloroform		8.6	ug/L	0.25	EPA 524.2	VOC2639		05/31/06 2:53	WR	E96080
Dibromochtorometh.	ane	76	ug/L	0.30	EPA 524.2	VOC2639		05/31/05 2:53	WR	E96080
Total THMs		190	ug/L	0.50	EPA 524.2	VOC2639		05/31/06 2:53	WR	E96080
Laboratory ID: Sample ID:	2125756002 390 Lk Lane	ile Grab			Sampled: 05/18/ Matrix: Water		Received: reported on V	05/18/06 Vet Weight 8		
Bromodichtorometh:	ane	29	ug/L	0.25	EPA 524.2	VOC2639	<u>-</u> -	05/31/06 3:29	WR	نے 1 E960B 0
Bromoform		52	uq/L	0.41	EPA 524.2	VOC2639	1	05/31/06 3:29	WR	E96080
Chloroform		16	ug/L	0.25	EPA 524.2	VOC2539		05/31/06 3:29	WR	E96080
Dibromochlorometha	ane	66	ug/L	0.30	EPA 524.2	VOC2639		05/31/06 3:29	WR	E96080
Total THMs		160	⊔g/L	0.50	EPA 524.2	VOC2639	(05/31/08 3:29	WR	E96080
	2125756003	*		,	Sampled:		Received:	05/18/06	15:00	 i
Sample ID:	Trip Blank				Matrix: Water	Results	reported on W	et Weight B	asis	i
Bromodichlorometha	ine	0.25 U	ug/L	0.25	EPA 524.2	VOC2639	_:	05/31/06 4:04	WR	E96080
Bromotorm		0.41 U	υg/L	0.41	EPA 524.2	VOC2639	(05/31/06 4:04	WR	E96080
Chloroform		0.25 U	ug/L	0.25	EPA 524.2	VOC2639	(05/31/06 4:04		E96080
Dibromochlorometha	ane	0.30 U	ug/L	0.30	EPA 524.2	VOC2639	(05/31/06 4:04		E96080
Total THMs		0.50 U	ug/L	0.50	EPA 524.2	VOC2639	(05/31/06 4:04		E96080

Result Qualifiers: U = Not Detected I = Analyte detected between the Laboratory Method Detection Limit and Laboratory Reporting Limit Applicable Florida Department of Environmental Protection Qualifiers defined below. Statement of Estimated Uncertainty available upon request.

Printed: 6/8/06

ENVIRONMENTAL
LABORATORIES. INC. 5600 U.S. I North. Fort Pierce. FL. 34946 Phone: (772) 465-2400. Ext. 285 Fax: (772) 467-1584

Chain-of-Custody

and Agreement to Perform Services

USE BALL POINT PEN PRESS HARD COMPLETELY FILL OUT

Laboratory not responsible for omitted information FDOH # E96080 5600 U.S. 1 North ALL NON GREYED AREAS Fort Piezce, FL 34946

_FDOH # E85370 307 Coolidge Avenue Lehigh Acres, FL 33936

PRINT LEGIBLY Method(s) of FDOH # E83509 Shipment:

Company: AQUA Util FL.4 Address: 140 HOPE St.	Method(s) of		helaa	FDOH 255 Enterpri Deltona, FL	se Rd., Suite 1 2514 Osawaw Blvd.
Lowerwood FL Zip: 3:1750 Phone: 407-339-5424 Fax: Client Contact: B/cc T	e-mail: Standard Laboratory Turn Around Time	Temperature Checked Y N	For Lab Use Only Custody Seeks Intact Y N PRESERVATIVE	pH Checked Y N	LAB# <u>2125756</u>
Project Name: CHULUNTA Sampled By: TERRY MC ARTHY	Or Rush in Business Days Requires Laboratory Approval	H	ANALYSES REQUES	ED	Preservation Key H=Hydrochloric Acid P=Phosphoric Acid N=Nitric Acid ST <sodium acid="" hydroxids="" s="Sulfuric" sh="Sodium" thospillate="" u="Unoreserved</td"></sodium>
DATE TIME WATER AS I	PLE DESCRIPTION Vill Appear On Report	TTHM			COMMENTS -
, , , , , , , , , , , , , , , , , , ,	1AZURKA K. LANELLE	X			C(2=0.8 oH: 8.0
0.0	BLANK	X			CL2=0.9 pH=8.2
					#BOTH SAMPLES
* Sample Type: G=Grab C=Composite	** Matrix: S=Solid SL=Sludge DW=	Drinking Water C	SW=Ground Water SW=		MAX RES TIME
RELINQUISHED BY DATE/TIME 5/18/06 1500 RECFIVED BY DATE/TIME DATE/TIME DIStribution: WHITE with REPORT: YELLOW for FILE; PINK to CLIEN	RELINQUISHED BY ALASO DATE/TIME RECEIVED BY DATE/TIME	to Elle	RELINQUISHED BY	EL CUSTODY BY	

CHAIN PAGE _____ of ____

-44 1401110.	Harbor Rr	anch Environmental L	aboratories In	c. Elorida	Certification	#· E96080
						te: 06/30/2006
mouress		ce, FL 34946) 465-2400 Ext. 285
- ANAI VCIC		N (to be completed by ta		Sample(s) Reco		
		·		•		
		35901816	 -	ole Number (Fro	m Page 1):	001
•	•	nber or Job ID:		2125756001		
Group(s) An	nalyzed and Re	esults attached for co	mpliance with (Chapter 62-550	, F.A.C. (Ch	eck all that apply):
Inor	rganics	Synthetic Organic	<u>'S</u>	Volatile Org	<u>anics</u>	Disinfection Byproducts
	All 17	AII 30		[]All 21		X∫Trihalomethanes
F	Partial]All Except Dio	xin	Partial		Haloacetic Acids
	Vitrate	Partial			_	Bromate
	Vitrite]_JDioxin Only		Radionucli		Chlorite
A	Asbestos Only			Single S	•	Secondaries
Mora anu av	******	otenstad? Voc	. V N-	(Ciny Co	mposite**	[]Ail 14
	•	intracted? Yes				Partial
		H certification number ET FOR EACH SUBCONT				en energy of the second
AT FACILITIES	NAVELLE SUE			10M		
	Oi- 4 O		CERTIFICATI			
·,	Cindy Cro (Print Name				Laboratory I (Print Tr	
		at all attached analytic				all requirements of the
		shoreton, Accreditation	n Conference (NELAC).		·
	vironmental La	spoision Accientation				
National Env		Ly Come		Date:	08-Jนก-	06
National Env Signature * Failure to pro	vironmental La	current Florida DOH lab or	ertification number	Date:	lyte Sheet for I	the attached analysis results will result
National Env Signature Failure to pro in rejection of the	vironmental La vide a valid and othe report, possib	current Florida DOH lab or	ertification number	and a current Ana	lyte Sheet for I	
National Env Signature Failure to pro in rejection of the Bureau of Labo	vironmental La ovide a valid and othe report, possib oratory Services.	current Florida DOH lab or	ertification number e public water sys	and a current Ana	lyte Sheet for I	the attached analysis results will result
National Env Signature Failure to pro n rejection of the Sureau of Labo Please provi	vironmental La ovide a valid and the report, possib oratory Services. ide radiological si	current Florida DOH lab ca de enforcement against line	ertification number e public water sys each quarter.	r and a current Ana tem for failure to sa	lyte Sheet for I	the attached analysis results will result
National Env Signature Failure to proin rejection of the Bureau of Labo Please province COMPLIANC	ovide a valid and of the report, possib oratory Services. ide radiological sc	current Florida DOH lab code enforcement against line ample dates Jocations for NATION (to be complete	ertification number e public water sys each quarter.	r and a current Ana tern for failure to sa	alyte Sheet for t ample, and ma	the attached analysis results will result
National Env Signature Failure to pro in rejection of the Bureau of Labo Please province COMPLIANCE Sample Colle	ovide a valid and of the report, possible oratory Services, ide radiological section Info Salection urrent Florida DOH lab capie enforcement against line ample dates locations for NATION (to be complete tisfactory:	ertification number e public water sys each quarter. ed by DEP or DOF	r and a current Ana tem for failure to sa f) Sample An	alyte Sheet for t ample, and ma anysis Info S	the attached analysis results will result y result in notification of the DOH attisfactory:Yes!No	
National Envisional Envisional Envisor Failure to proint rejection of the Bureau of Labor Please provide COMPLIANCE Sample Collegia (Replacented)	vironmental La ovide a valid and othe report, possib oratory Services. ide radiological si cE DETERMII ection info Sal ment Sample(s	current Florida DOH lab capie enforcement against line ample dates locations for NATION (to be complete tisfactory:	ertification number e public water sys each quarter. ed by DEP or DOF	r and a current Ana tem for failure to sa f) Sample An	alyte Sheet for t ample, and ma anysis Info S	the attached analysis results will result y result in notification of the DOH attisfactory:YesNo
National Envisional Envisional Envisor Failure to proint rejection of the Bureau of Labor Please provide COMPLIANCE Sample Collegia (Replacented)	ovide a valid and the report, possib oratory Services. ide radiological section info Salment Sample(sal Monitoring Full MCL(s) (current Florida DOH lab co ite enforcement against line ample dates Jocations for NATION (to be complete tisfactory: []Yes s) Requested (circle or highlight Required (circle or highlight Exceeded	ertification number e public water sys each quarter. ed by DEP or DOF [No ighlight group(s) above)	r and a current Ana tem for failure to sa f) Sample Ana ove) [Revised	alyte Sheet for t ample, and may alysis Info S Report Requ	the attached analysis results will result y result in notification of the DOH attisfactory:Yes!No uested (circle or highlight group(s) aboveIncomplete Report
National Envisional Envisor Signature Failure to proin rejection of the Bureau of Labor Please province COMPLIANCE Sample Collegian [Replacent Additional collegian co	ovide a valid and of the report, possible oratory Services. ide radiological side radiological section info Salment Sample(seal Monitoring Fall Missing Missing	current Florida DOH lab code enforcement against the ample dates Jocations for NATION (to be complete tisfactory: [] Yes s) Requested (circle or highlight Exceeded Analyte Sheet(s)	ertification number e public water sys each quarter. ed by DEP or DOF No ighlight group(s) above) I group(s) above)	r and a current Ana tem for failure to sa f) Sample Ana ove) [Revised etection(s)	alyte Sheet for the ample, and may allysis Info Single Report Required	the attached analysis results will result y result in notification of the DOH attisfactory:Yes !No
National Envisional Envisional Envisor Projection of the Bureau of Labor Please provide COMPLIANC Sample Collegian (Replacent Additional Reason(s):	ovide a valid and of the report, possible oratory Services. Ide radiological section Info Salment Sample(seal Monitoring Fig. MCL(s) (Control of Missing Control of M	current Florida DOH lab code enforcement against line ample dates locations for NATION (to be complete tisfactory: []Yes s) Requested (circle or highlight Exceeded Analyte Sheet(s)	ertification number e public water sys each quarter. ed by DEP or DOF in No ighlight group(s) above) ignoup(s) above) ignoup(s) above)	r and a current Analem for failure to sample Analem (S) [] Revised etection(s) ocation Unsatisficant	alyte Sheet for t ample, and may alysis Info S Report Requ actory	the attached analysis results will result y result in notification of the DOH attisfactory:Yes!No uested (circle or highlight group(s) aboveIncomplete ReportAnalysis Unsatisfactory
National Envisional Envisional Envisor Projection of the Bureau of Labor Please provide COMPLIANC Sample Collegia (Replacent Additional	ovide a valid and of the report, possible oratory Services. ide radiological scientific Salment Sample(stal Monitoring Fall Mo	current Florida DOH lab code enforcement against the ample dates Jocations for NATION (to be complete tisfactory: [] Yes s) Requested (circle or highlight Exceeded Analyte Sheet(s)	ertification number e public water sys each quarter. ed by DEP or DOF No ighlight group(s) above) I group(s) above)	r and a current Analem for failure to salem for fai	alyte Sheet for I ample, and may alysis Info S Report Requ actory	the attached analysis results will result y result in notification of the DOH attisfactory:YesNo uested (circle or highlight group(s) above) Incomplete ReportAnalysis Unsatisfactory

HARBOR BRANCH ENVIRONMENTAL LABORATORIES, INC. 5600 U.S. | North, Fort Plance FL 34946 Phone: (772) 465-2400, Ext. 295 Feb. (772) 467-884

DISINFECTION BYPRODUCTS ANALYSES 62-550.310(3)

~K1.	
t hen.	

Aqua Utilities Florida, Inc.

Report Number/ Job ID

Chuluota TTHM

Sample Location:

803 Mazurka Grab

Disinfectant Residual (mg/L

Sample Number:

2125756001

PWSID

0186_

Sampling Date:

5/18/06 12:10

Date Received:

5/18/06 15:00

Contam

1D

Contam Name

MCL

Analysis Units Result

Qualifier Method

Analytical

Lab MDL

Analysis Analysis Date

Time

Lab ID

2941	Chlorotorm	(N/A)	ug/L	8.6	EPA 524.2	0.25	5/31/06	2:53 AM	E96080
2942	Bromoform	[N/A]	υg/L	75	EPA 524.2	0.41	5/31/06	2:53 AM	E96080
2943	Bromodichloromethane	[N/A]	u g/L	31	EPA 524.2	0.25	5/31/06	2:53 AM	E96080
2944	Dibromochloromethane	[N/A]	ug/L	76	EPA 524.2	0.30	5/31/06	2:53 AM	E96080
2950	Total Trihalomethanes	[80]	ug/L						

NOTE: Do not round values. Report results to the accuracy, precision, and sensitivity of the analytical method used. Totals for haloacetic acids and total trihalomethanes will be calculated by DEP or DOH.

Reporting Format 62-550,730 Effective January 1995, Revised January 2004

* Results must be reported with appropriate qualifiers in accordance with Florida Administrative Code Rule 82-160, Table 1. Results Qualified with A, F, H, N, O, T, Z. ?, *, are macceptable for compliance with 62-550. Results qualified with a J. Q. R. or Y must be accompanied by written justification and will be evaluated on a case by case basis. To evoid a monitoring violation, unacceptable results must be replaced with acceptable results from samples collected during the same monitoring pen

600 US 1 North ort Pierce, FL 34946 DOH # E96080

rinted: 6/8/06

4155 St. Johns Pkwy Suite 1300 Sanford, FL 32771

FDOH # E83509

307 Coolidge Avenue Lehigh Acres, FL 33936 FDOH # E85370

16331 Cortez Bivd Brooksville, FL 3460 FDOH # E84418

PUBLIC WATER SYSTEM INFORMATION (to be completed by sampler - Please type or print legibly)						
System Name: Chuluota 1Ea	PWS I.D. #: 3 590186					
System Type (check one) Community Non	transient Noncommunity					
Address: 118 E. 7th Street						
city: Chuluota	State: FL, ZIP Code:					
Phone #: 407 509 8398	Fax#: 407-339-7490					
E-Mail Address: betiende i @ counamerica						
SAMPLE INFORMATION (to be completed by sampler)						
Sample Number: COA	Location Code (if known):					
Sample Date: 05/18/06	Sample Time: 11:20 AM					
Sample Location (be specific): 390 Lk Lanelle Grab						
Disinfectant Residual (Required when reporting results for trihato	methanes and haloacetic acids): 09 mg/L Field pH: 88					
Sample Type (Check Only One)	Reason(s) for Sample (Check all that apply)					
; Distribution Routine C	ompliance (with 62-550) Quarterly (which Orn 4 11)					
Entry Point (to Distribution)	on of MCL Exceedence* [Special (not for compliance with 62-550)					
Plant Tap not for compliance with 62-550) Composite	e of Multiple Sites** [Violation Resolution					
Raw (at well or intake)	(permitting)					
Max Residence Time Other:	والمستودية والمستودية					
! Ave Residence Time Sampling Pro	ocedure Used or Other Comments:					
Near First Customer						
*See 62-550.500(6) for requirements and restrictions. Note: See 62-550.512(3) for additional requirements	See 62-550.550(4) for requirements and attach a results page for each site.					
for Nitrate or Nitrite MCL exceedences.						
Sampler's Name: Terry McCarthy						
Sampler's Phone #: 407-339-5424	Sampler's Fax #: 407-339-7400					
Sampler's E-Mail Address: N/A	و مسید میداد نیز و نیست بازینا مسید برزینا					
CERTIFICATION (to be completed by sampler)						
Terry Monorthy	water Tract Oper					
do HEREBY CERTIFY that the above public water system	n and sample collection information is					
completed and correct.						
Signature: Lun Kouth	Date:					
Reporting Format 62-550,730 Effective Janu	ary 1995, Revised January 2004					

LABORATORY CE	ERTIFICATION INFORMATION (10	be completed by lab - Please type or p	orint legibly)
ATTACH A CURRENT	DOH ANALYTE SHEET		
Lab Name: Har	rbor Branch Environmental Laboral	lories, Inc. Florida Certifica	ation #: E96080
Address: 560	00 US 1 North	Certification Expiration	Date: 06/30/2006
<u> Fo</u>	rt Pierce, FL 34946	Phone #: (772) 465-2400 Ext. 285
ANALYSIS INFOR	MATION (to be completed by lab)	Date Sample(s) Received:: _	5/18/06
PWS ID (From Page	1): 3590186	Sample Number (From Page 1): 008
Lab Assigned Repo	ort Number or Job ID:	2125756002	
Group(s) Analyzed	and Results attached for complian	ice with Chapter 62-550, F.A.C.	(Check all that apply):
Inorganics	Synthetic Organics	Volatile Organics	Disinfection Byproducts
;]All 17	All 30	[IAII 21	Trihalomethanes
Partial	All Except Dioxin	" Partial	√ Haloacetic Acids
Nitrate	Partial		Bromate
Nitrite	Dioxin Only	Radionuclides	Chlorite
Asbesto	os Only	- [Single Sample	Constants
	•	Ctrly Composite	Secondaries
Were any analyses	subcontracted? Yes	K_ No	[]All 14
If was placed provi	do DOM andification numbers:	_	Partial
	de DOH certification numbers:	DLAB	
		rification .	
ì, Cir	ndy Cromer	1	ory Director
(Pr	int Name)	(Pi	rint Title)
	TIFY that all attached analytical data ental Laboratory Accreditation Cont		neet all requirements of the
Signature (in Com	_	Jun-06
			out-vo
in rejection of the report Bureau of Laboratory S	rt, possible enforcement against the public	water system for failure to sample, an	
	TERMINATION (to be completed by D		
Sample Collection	Info Satisfactory: Yes N	lo Sample Analysis In	Ifo Satisfactory:Yes No
: Replacement S	ample(s) Requested (circle or highlight	group(s) above) Revised Report	Requested (circle or highlight group(s) above)
Additional Moni	toring Required (circle or highlight group(s) above)	
Reason(s):	ICL(s) Exceeded	Detection(s)	[Incomplete Report
/	Missing Analyte Sheet(s) Other:		·-· ·
Person Notified:		Date Not	ified:
Comments:	DEP		
Date Reviewed:			
	Reporting Format 62-550.73	6 Effective January 1995, Revised January 3	2004

HARBOR BRANCH ENVIRONMENTAL ABORATORIES. INC. 5600 U.S. | North, Fort Plencs FL 34946 Phone: (772) 465-2400, Ext. 285 Fex. (772) 467-584

DISINFECTION BYPRODUCTS ANALYSES 62-550.310(3)

Client:	Aqua Utilities Florida, Inc.

Report Number/ Job ID

Chuluota TTHM

Sample Location:

390 Lk Lanelle Grab

Disinfectant Residual (mg/L

Sample Number:

2125756002

5/18/06 11:20

Sampling Date: Date Received:

5/18/06 15:00

Contam ID

Contam Name

MCL

Analysis Units Result

Qualifier Method

Analytical

Lab MDL

Analysis Analysis Date

Time

Lab ID

2941	Chloroform	[N/A]	ug/L	16	EPA 524,2	0.25	5/31/06	3:29 AM	E96080
2942	Bromoform	[N/A]	ug/L	52	EPA 524.2	0.41	5/31/06	3:29 AM	E96080
2943	Bromodichloromethane	[N/A]	ug/L	29	EPA 524.2	0.25	5/31/06	3:29 AM	E96080
2944	Dibromochloromethane	[N/A]	ug/L	66	EPA 524.2	0.30	5/31/06	3:29 AM	E96080
2950	Total Trihalomethanes	[80]	ug/L					U.EV FIRM	22000

NOTE: Do not round values. Report results to the accuracy, precision, and sensitivity of the analytical method used. Totals for haloacetic acids and total trihalomethanes will be calculated by DEP or DOH.

Reporting Format 62-550.730 Effective January 1995, Revised January 2004

Results must be reported with appropriate qualifiers in accordance with Florida Administrative Code Rule 62-160, Table 1. Results Qualified with A, F, H, N, O, T, Z, ?, *, are nacceptable for compliance with 62-550. Results qualified with a J. Q. R. or Y must be accompanied by written justification and will be evaluated on a case by case basis. To void a monitoring violation, unacceptable results must be replaced with acceptable results from samples collected during the same monitoring part

500 US 1 North ort Pierce, FL 34946 OH # E96080

inted: 6/8/06

4155 St. Johns Pkwy Suite 1300 Sanford, FL 32771 FDOH # E83509



307 Coolidge Avenue Lehigh Acres, FL 33936 FDOH # E85370

16331 Cortez Blvd Brooksville, FL 3460 FDOH # E84418



Date issued: January 11, 2006

To:

Brian Heath

Aqua Utilitles Florida, Inc.

140 Hope Street

Longwood, FL 327505141

Client:

Aqua Utilities Florida, Inc.

Workorder ID: Chuluota DW THMs

[2023435]

Received:

1/04/06 8:40

Dear Brian Heath;

Analytical results presented in this report have been reviewed for compliance with the HARBOR BRANCH Environmental Laboratories Inc.'s (HBEL) Quality Systems Manual and have been determined to meet applicable Method guidelines and Standards referenced in the July 2003 National Environmental Laboratory Accreditation Program (NELAP) Quality Manual unless otherwise noted. The Analytical Results within these report pages reflect the values obtained from tests performed on Samples As Received by the laboratory unless indicated differently.

FDOH Safe Drinking Water Act, Clean Water Act and RCRA Certification #s: E96080, E83509, E85370, E84418

Questions regarding this report should be directed to the Report Signatory at (772) 465-2400, Ext. 285 referencing the HBEL Workorder ID [Number].

Respectfully submitted,

Cindy Cromer

Technical Director or Designee

Note: This report is not to be copied, except in full, without the expressed written consent of the HARBOR BRANCH Environmental Laboratories, Inc.

5800 US 1 North Fort Pierce, FL 34948 4155 St. John's Pkwy Suite 1200 Sanford, FL 32771

FDOH # E83509

FDOH # E85370

307 Coolidge Avenue 2514 Osawaw Bouleverd Lehigh Acres, FL 33936 Spring Hill, FL 34607 FDOH # E84418

FDOH # E96080 Printed: 1/11/08

Page 1 of 4

Quality Control Summary

Client:

Aqua Utilities Florida, Inc.

Workorder ID: Chuluota DW THMs

Received:

1/04/06 8:40

[2023435]

MB=Method Blank LCS=Leboratory Confroi Sample LCSD=Leboratory Confroi Sample Duplicate MS=Method Blank LCS=Leboratory Confroi Sample Duplicate Duplicate Duplicate Duplicate

HBEL Sample

Method Narratives (If Applicable)

Number

Sample ID Analytical Method

Description

Quality Control Summary

Method HBEL Batch Analyte

Analytical Issue

HARBOR BRANCH ENVIRONMENTAL LABORATORIES, INC. 5600 U.S. INCH. PRINCE FOR 1772) 467-584

CERTIFICATE OF ANALYSIS
[2023435]

Client: Aqua Utilities Florida, Inc.

Workorder ID: Chuluota DW THMs

Parameter	Qualifier	Result	Units	Reporting Limit	Method	Laboratory Betch	Prep Dale/Time	Analyzad Date/Time	Analyst	Lab ID
Sample ID:	2023435001 WP #2 POE				Sampled: 12/30/05 Matrix: Water		Received.			
Bromodichlorometha Bromoform Chloroform Olbromochlorometha Total THMs		40 33 18 70 160	ug/L ug/L ug/L ug/L	0.25 0.41 0.25 0.30 0.50	EPA 524.2 EPA 524.2 EPA 524.2	VOC2578 VOC2578 VOC2578 VOC2578 VDC2578 VOC2578	**************************************	01/6/06 12:17 01/6/06 12:17 01/6/06 12:17 01/6/06 12:17 01/6/06 12:17	WR WR WR WR WR	E95080 E96080 E96080 E96080
Sample IĎ: (2023436002 WP #5 POE	Grab	er v /		Sampled: 12/30/05 Matrix: Wéler		Received; reported on V	- 1 1. • •	8:40	
Bromodichtoromethal Bromotorm Chloroform Olbromochloromethal Total THMs		23 27 8.0 46 100	nâyr nâyr nâyr	0.25 0.41 0.25 0.30 0.50	EPA 524.2 EPA 524.2 EPA 524.2	VOC2578 VOC2578 VOC2576 VOC2578 VOC2578	1	01/6/06 12:52 01/6/06 12:52 01/6/06 12:52 01/6/06 12:52 01/6/06 12:52	WR WR WR	E98080 E96080 E96080 E96080

Result Qualifiers: U = Not Detected i = Analyte detected between the Laboratory Method Detection Limit and Laboratory Reporting Limit Applicable Florida Department of Environmental Protection Qualifiers defined below. Statement of Estimated Uncertainty available upon request.

<u> </u>	HARBOR BRANCH	Γ
	ENVIRONMENTAL	ŀ
	LABORATORIES. INC.	ŀ
	2000 03 though bold big to strong	2 .
	Phone (772) 465-2400, Est. 265 Fait (772) 467-158	4

Chain-of-Custody

and

Agreement to Perform Services

PRESS HARD"	FDOH # E96080
	5600 U.S. 1 North
ALLNON GREYED AREAS	Fort Pierce, FL 34946
PRINTLEGIBLY). /

USE BALL POINT PEN

Laboratory not responsible for omitted information

FDOH # E96080 5600 U.S. 1 North

__FDOH # E85370 . 307 Coolidge Avenue Lehigh Acres, FL 33936

Compan	y: Agu	A Uti	4. /	-7.			Method(s) ofShipment:	-		STOWN TO W		St.					DOH#E84418 Osawaw Bivd.
Address	140	HOPE	51.									E.		Delton	s, FL 3	12725 Spring) Hill, FL 34607
	Lowitern	OO F	7		7in	2777		- 1			r Lab			•. •			
	407-33	9-542	4	_		32750	e-mail: Standard Laboratory Turn Around Time		erature ecked N	1.	MESE	N		gH Checke		LAB# <u>30</u>	3 3 435
Client Co	miact:	BI	<u>د ر</u>	7_			Or	H	1		ļ	1	1	-		Preserve	
Project N	łame:	CHUL	<u>007</u>	<u> </u>			ļ G	~	<u> </u>	ANAL'	YSES	L. REQU	ESTED	L		Heritydrophlatic Add New Strice Add	Parkouphoric Acid ST-Sodium
Sampled	By:	T.M			/		Rush in Business Days Requires Laboratory Approval	15		-				. • :	<u>; </u>	3×Sulfuric Acid SW-Suchura Hydroxide	Thineuliste U=Unommervad
LAB ID	COLLE	CTION	Type.	MATRIX**	ahars	SAMP	LE DESCRIPTION	1								COM	
	DATE		Sena	MAT	å		ll Appear On Report	TTH							: 	COMM	ENIS
	12/30/05		G	DEN	3	WP#2	POE	×	!							CLS-49 PH 7.	7 mm 22.7
ಎಂ೨	12/30/05	1100	G	pw	3	WP#5	POE	X								CL2 1.8 pH 7.	
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-	DATED HAVE	12/10	70	7/	13 3	9 0	MATERTIME //2/20/15	142	20		DATE/T	ME	(==]-	4-6	06 8	475

Distribution: WHITE with REPORT, YELLOW for FILE; PINK to CLIENT; GOLD for SAMPLER

CHAIN PAGE __ O/_

PUBLIC WATER SYSTEM INFORMATION	N (to be completed by sampler - Please type or p	rint legibly)
System Name:	PWS 1.D. #	
	ity "Nontransient Noncommunity	
Address;	and the second s	
. ".	The state of the s	
City:	State:	
	Fax #:	
E-Mail Address:		
SAMPLE INFORMATION (to be completed by		The state of the s
Sample Number:		Control of the second s
Sample Date: 12/30/05		
Sample Location (be specific): WP #2 PC	· · · · · · · · · · · · · · · · · · ·	and the commerce commerces and the commerces of the comme
Disinfectant Residual (Required when reporting	results for trinalomethanes and haloacetic acids)	mg/L Field pH;
Sample Type (Check Only One)	Reason(s) for Sample (c	
Distribution	Routine Compliance (with 62-550)	Quarterly (which ali?
Entry Point (to Distribution)	Confirmation of MCL Exceedence*	Special (not for compliance with 62-550)
Plant Tap not for compliance with 62-550)	Composite of Multiple Sites**	[] Violation Resolution
i Raw (si well or intake)	Clearance (permitting)	(Replacement (of invalidated Sample)
Max Residence Time	Other:	and the state of t
Ave Residence Time	Sampling Procedure Used or Other Cor	
Near First Customer "See 62-550,500(6) for requirements a Note: See 62-550,512(3) for addition for Nitrate or Nitrite MCL exceed	al requirements attach a rea	56(4) for requirements and wite page for each site.
Sampler's Name:	Financial products and the second second second second second second second second second second second second	The contract company of the contract of the co
Sampler's Phone #:	Sampler's Fax #:	and the second s
Sampler's E-Mail Address:		*****
CERTIFICATION (to be completed by sampler)		
1,		
Print Name do HEREBY CERTIFY that the above publi completed and correct.	ic water system and sample collection info	Print Title ormation is
Signature:	Date:	and the same and t
Managina Panasa CR SC	R 730 - Effective to a construct Bandon & bandon & bandon	

Reporting Formet 62-350,730 Effective January 1995, Ravisad January 2004

LABORATOR	RY CERTIFICAT	ION INFORMAT	ION (to be co	mpleted by lab - Please	type or print le	egibly)			
ATTACH A CUR	RENT DOH ANALY	TE SHEET							
Lab Name:	Harbor Branch	Environmental	Laboratories	s, inc. Florida	Certification	#: E96080			
Address:	5600 US 1 No	rth		, I federated as the Million					
Library Control of the Control of th									
ATTACH A CURRENT DOH ANALYTE SHEET Lab Name: Harbor Branch Environmental Laboratories, Inc.: Florida Certification #: E96090 Address: 5600 US 1 North									
ATTACH A CURRENT DOH AMALYTE SHEET Lab Name: Harbor Branch Environmental Laboratories, inc. Florida Certification #: E96080 Address: 5600 US 1 North									
Group(s) Ana	lyzed and Resul	s attached for co	ompliance w	ith Chapter 62-550,	F.A.C. (Che	eck all that apply):			
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Pa	rilai	JAII Except Dic	nixo	Partial					
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				* * * * * * * * * * * * * * * * * * * *	mposile**	ATT 1 Date: # 7 TODAY 1			
Were any ana	lyses subcontrac	ilèd? Ye	s <u>X</u> N	0		have "			
	TRACH A CURRENT DOH ANALYTE SHEET ab Name: Harbor Branch Environmental Laboratories, Inc. Florida Certification #: E98090 ddress: 5600 US 1 North								
ATTACH DOMA	Name: Harbor Branch Environmental Laboratories, Inc.: Florida Certification #: E96080 Address: 5600 US 1 North								
ATTACH A CURRENT DOH ANALYTE SHEET Lab Name: Harbor Branch Environmental Laboratories, Inc. Florida Certification #: E96080 Address: 5600 U.S.; North Certification Expiration Date: 06/30/2006 Fort Pierce, FL, 34946 Phone #: (772) 465-2400 Ext. 285 ANALYSIS INFORMATION (to be completed by lab) Date Sample(s) Received: 1/4/06 PWS ID (From Page 1): 2023435001 Group (From Page 1): 2023435001 Group (From Page 1): 2023435001 Group (From Page 1): 2023435001 Group (From Page 1): 2023435001 Group (From Page 1): 2023435001 Group (From Page 1): 2023435001 Group (From Page 1): 2023435001 Group (From Page 1): 2023435001 Group (From Page 1): 2023435001 Group (From Page 1): 2023435001 Group (From Page 1): 2023435001 I partial JAI Except Dioxin Partial Halbacetic Acids [Bromate Partial Part									
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Signature	Cin	ann		Date:	11-Jan-(06			
in rejection or the Bureau of Labora "Please provide	TACH A CURRENT DOH ANALYTE SHEET ab Name: Harbor Branch Environmental Laboratories, Inc. Florida Certification #: E96080 dofess: 5600 US 1 North								
COMPLIANCE	DETERMINAT	ON (to be complete	ed by DEP or (DOH)					
Sample Collec	tion Info Satisfac	tory: Yes	No	Sample Ana	lysis Info Sa	itisfactory; Yes [No			
Replaceme	nt Sample(s) Re	quested (circle or h	lighlight group(s	above)	Report Requ	ested (dide or highlight group(s) above)			
!Additional A	ANALYSIS INFORMATION (to be completed by lab) ANALYSIS INFORMATION (to be completed by lab by lab and and provide a valid and current Floride DOH lab certification numbers and sourced Analytics Sheet for the stacked analytical data are correct and unless noted meet all requirements of the aliational Environmental Laboratory Accreditation Conference (NELAC). ANALYSIS INFORMATION (to be completed by DEP or DOH) ANALYSIS INFORMATION (to be completed by DEP or DOH) ANALYSIS INFORMATION (to be completed by DEP or DOH) ANALYSIS INFORMATION (to be completed by DEP or DOH) Analysis Unsatisfactory: Yes No Nample Analysis Info Satisfactory: Yes No ANALYSIS INFORMATION (to be completed by DEP or DOH) Analysis Unsatisfactory: Yes No Nample Analysis Info Satisfactory: Jincomplete Report Information of Information of Information of Information of Information of Information of Information of Information of Information of Information of Information of Information of Information of Information of Information of Information Information of Information Information of Information Information Information Information Information								
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HARBOR BRANCH
ENVIRONMENTAL
LABORATORIES, INC.
SECOLUS I Morth Port Parcy EL BASAB
PHONE (772) AGS-EACH ERS PARC (772) 467-864

DISINFECTION BYPRODUCTS ANALYSES 62-550.310(3)

										
Cont	am Contam Name	MCL	Units	Analysis Result	Qualifler	Analytical Method	Lab M	Analysis IDL Dale	Analysis Time	Lab ID
Date	Received:	1/04/06 8:40								
Samp	ling Date:	12/30/05 13:00								*******
Samp	ile Number:	2023435001					PWS ID			
Samp	ole Location:	WP #2 POE Gr	ap .		Disi	nfectant Resid	ual (mg/L			
Client	t:	Aque Utilities F	lorida, I	nc.	Rep	ort Number/ Jo	ob ID	Chuluola DW TI	·lMs	

2941	Chloroform	[NA]	ug/L	18	EPA 524.2	0.26	1/08/06	12:17 PM E96080
2942	Bromoform	(NPA)	no/L	33	EPA 524.2	0.41	1/06/06	12:17 PM E98080
2943	Gromodichioromethene	(NA)	ug/L	40	ÉPA 524,2	0.25	1/06/06	12:17 PM E96080
2944	Dibromochloromethane	[NVA]	ug/L	70	EPA 524.2	0.30	1/06/06	12-17 PM E98080
2950	Total Trihalomethanes	[60]	ug/L					

NOTE: Do not round values. Report results to the accuracy, precision, and sensitivity of the analytical method used. Totals for haloacetic acids and total trihalomethanes will be calculated by DEP or DOH.

Reporting Formet 82-350,730 Effective January 1995, Revised January 2004

* Results must be reposed with appropriate qualifiers in accordance with Florida Administrative Code Ruin 92-150. Texts 1. Results Qualified with A, F, H, N, O, T, Z, ?, are unacceptable for compliance with 52-350. Results qualified with a J, Q, R, or Y must be accompanied by written justification and with be evaluated on a case by case bodie. To avoid a monitoring violation, unacceptable results must be replaced with acceptable results from samples collected during the same monitoring period.

5600 US 1 North Fort Pierce, FL 34946 FDOH # E96080 4155 St. John's Pkwy Suile 1300 Sanford, FL 32771 FDOH # E83509



307 Coolidge Avenue Lehigh Acres, FL 33936 FDOH # E85370

2514 Osawaw Boulevard Spring Hill, FL 34607 FDOH # E84418

Printed: 1/11/06

PUBLIC WATER SYSTEM INF	ORMATION (to be complete	d by sampler - Please type or pri	nt lagibly)
System Name:	a kandalah masa da sa sa sa sa sa sa sa sa sa sa sa sa sa	PWS I.D. #:	
		transient Noncommunity	
Address:	o di compi palamento e consposico so sociale e e	and the company of the contract of the contrac	The second continues the second secon
		All the representation of the control of the contro	ak ore stakes to go on the Freezon and an amount of the stake and the states of the states and the states of the s
City:	· · · · · · · · · · · · · · · · · · ·	State:	ZIP Code:
Phone #:		Fax #:	to Albeit to 1 to 1 to 10 to 1
E-Mail Address:	- A I S - NATIONAL SAME - C. COMMIN	- Consequences	, and the second
SAMPLE INFORMATION (to be	completed by sampler)		
Sample Number:	r n nego (mitroman o palabahan mpika no pampir).	Location Code (if known).	t to a complete more apparents an apparent man a matrice of a specimen
Sample Date:	12/30/05	Sample Time:	11:00 AM
Sample Location (be specific):	WP #5 POE Grab		
Disinfectant Residual (Required v	when reporting results for trihalo	methanes and haloacetic acids):	mg/L Field pH:
Sample Type (Check Only One)		Reason(s) for Sample (C	neck all that apply)
Distribution	Routine C	ompliance (with 62-550)	Quarterly (which Oir?
Entry Point (to Distribution)	Confirmati	on of MCL Exceedence*	[Special (not for compliance with 62-550)
Plant Tap not for compliance t	wiin 62-550) Composite	of Multiple Sites**	Violation Resolution
Raw (at well or intake)	[_]Clearance		Replacement (or invalidated sample)
Max Residence Time	Other:		e de cada as austa domo
Ave Residence Time	Sampling Pro	scedure Used of Other Con	nments:
Note: See 62-550.512(equitements and restrictions. 3) for additional requirements to MCL exceedences.		69(4) for requirements and will page for each site.
Sampler's Name:		r i kang pigantangga (vi j	to conference and the process of the conference
Sampler's Phone #:		Sampler's Fax #:	
Sampler's E-Mail Address:			
CERTIFICATION (to be completed	d by sampler)		
),			
Print Name do HEREBY CERTIFY that the completed and correct.	_		Print Title rmation is
Signature:		Date:	The state of the s
Report	Ing Format 62-550,730 Effective Janua	ary 1995, Revised January 2004	

LABORATOR	RY CERTIFICAT	ION INFORMAT	TON (to be c	ompleted by lab - Plea	ase type or print	legibly)
ATTACH A CUR	RENT DOH ANALY	TE SHEET				
Lab Name:	Harbor Branch	n Environmental	Laboratorie	s, Inc. Florid	la Certification	1#: E96080
Address:	5600 US 1 No	orth		Certification	Expiration Da	nte: 06/30/2006
) 465-2400 Ext. 285
ANALYSIS IN	VFORMATION (to be completed by I	lab) [ate Sample(s) Re	ceived::	1/4/06
PWS ID [From						A STATE OF THE STA
Lab Assigned				2023435002		EBBS (Av. g. 91 A -Williams (A. Bulle Librians)
				vith Chapter 62-55		eck all that apply):
		Synthelic Organi		Volatile Or		Disinfection Byproducts
All	17	All 30		All 21	V	Trihalomethanes
Pa	rtial	All Except Did	nixt	[" Partial		Haloacetic Acids
Nit	rate	Partial			•	Bromate
) Nit	rite	Dioxin Only		Radionuc	lides	Chlorite
As	bestos Only			Single	Sample	Coconderies
				Qtrly C	Composite**	Secondaries
Were any ana	alyses subcontra	cted? Ye	s <u>X</u> 1	1 0		[_]//// 14
If yes, please	provide DOH cë	rtification numbe	ers:			1 31 orna
ATTACH DOH A	NALYTE SHEET FO	OR EACH SUBCON	TRACTED LA	.9		· · · · · · · · · · · · · · · · · · ·
			CERTIFIC	ATION		
l,	Cindy Crorner			·	Laboratory	Director
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		atory Accreditation			e notal thest	an requirements of the
Signature	\sim	ama		, ,	44 100	00
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in rejection of the	report, posable en	in rionoa Domiao i forcement against il	pe briggio Mate	rnoer and a current A r system for failure to	nanyte Speet for sample, and me	the attached energysis results will result y result in notification of the DOH
Bureau of Labora		e dales locations fo	r Adeb mindrin			
		ION (to be comple				
Sample Collec	ction Info Satisfa	ctory: Yes	_ No	Sample A	nalysis Info S	atisfactory: Yes No
Replaceme	ent Sample(s) Re	equested (circle or	highlight group	s) above) Revise	d Report Req	uested (circle or highlight group(s) above)
		lired (circle or highlig				(, , , , , , , , , , , , , , , , , , ,
Reason(s):	JMCL(s) Exce	eded	[Detection(s)		[]Incomplete Report
		lyte Sheet(s)		Location Unsati	sfactory	Analysis Unsatisfactory
Person Notifie	Other:				Date Notified	
Comments:	v .			**************************************	POIC HOUNEU	***************************************
Date Reviewe	d:		DEP/DO	H Reviewing Offici	ial:	The second community was a second
	=	Reporting Format		flective January 1995, Revi	٠	14. or 11.0 \$1.

Date issued: March 21, 2006

To:

Brian Heath

Aqua Utilities Florida, Inc.

140 Hope Street

Longwood, FL 327505141

Client:

Aqua Utilities Florida, Inc.

Workorder ID: Chuluota TTHM

[2125009]

Received:

3/09/06 11:40

Dear Brian Heath;

Analytical results presented in this report have been reviewed for compliance with the HARBOR BRANCH Environmental Laboratories Inc.'s (HBEL) Quality Systems Manual and have been determined to meet applicable Method guidelines and Standards referenced in the July 2003 National Environmental Laboratory Accreditation Program (NELAP) Quality Manual unless otherwise noted. The Analytical Results within these report pages reflect the values obtained from tests performed on Samples As Received by the laboratory unless indicated differently.

FDOH Safe Drinking Water Act, Clean Water Act and RCRA Certification #'s: E96080, E83509, E85370, E84418

Questions regarding this report should be directed to the Report Signatory at (772) 465-2400, Ext. 285 referencing the HBEL Workorder ID [Number].

Respectfully submitted.

Cindy Cromer

Technical Director or Designee

Note: This report is not to be copied, except in full, without the expressed written consent of the HARBOR BRANCH Environmental Laboratories, Inc.

5600 US 1 North Fort Pierce, FL 34946 FDOH # E98080

Sanford, FL 32771 FDOH # E83509

4165 St. Johns Pkwy Suite 1300

307 Coolidge Avenue Lehigh Acros, FL 33936 FDOH # E85370 2514 Osawaw Bouleyard Spring Hill, FL 34607 FDOH # E84418

Printed: 3/21/06

Page 1 of 4

Quality Control Summary

Cllent:

Aqua Utilities Florida, Inc.

Workorder ID: Chuluota TTHM

Received:

3/09/06 11:40

[2125009]

MB-Method Stank LCS*Laboratory Control Sample LCSD*Laboratory Control Sample Duplicate MS-Matrix Spike MSD-Matrix Spike Depictele OUF-Sample Duplicate

HBEL Sample

Method Narratives (If Applicable)

Number

Sample ID **Analytical Method**

Description

Method HBEL Balch Analyte

Quality Control Summary Analytical Issue

CERTIFICATE OF ANALYSIS [2125009]

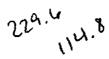
Client: Aqua Utilities Florida, Inc.

Workorder ID: Chuluota TTHM

Paramelei - Qualifier	Result	Units	Reporting Limit	Melhod	Laboratory Batch		Analyzed Data/Time	Analyst	de.i Ol
Leboratory ID: 2125009001 Sample ID: 390 Lk Land				Sampled: 03/09/06 Matrix: Water		Received:			
Bromodichloromethane	Z 3	vg/L	0.25	EPA 524.2	VQC2812	Marie de la paga Amaria	03/20/06 22:10	WR	E96080
Bromolom	35	ug/L	0,41	EPA 524.2	VQQ2612		03/20/06 22:10	WR	£96080
Chioroform -	13	ug/L	0.25	EPA 524.2	VOC2812		03/20/06 22:10	WR	E96060
Dibromochloromethane	46	ug/L	0.30	EPA 524.2	VOC2612		03/20/06 22:10	WR	E96080
Total THMs	120 117	ug/L	0.50	EPA 524.2	VOC2812		03/20/06 22:10	WR	E96080
Laboratory ID: 2125009002 Sample ID: 803 Mazurk				Sampled: 03/09/06		Received:	03/09/05		
Broinodichloromathana	23	ug/L	0.25	EPA 524.2	VOC2512		03/20/06 22:44		FOCORG
Bromotorm	35	ug/L	0.41		VOC2612		03/20/08 22:44 03/20/08 22:44	-	E96080 E96080
Charoform	7.6	ug/L	0.25	·	VOC2612		03/20/06 22:44		E96080
Diblomochloromethane	47	ug/L	0.30		VOC2812		03/20/06 22:44	WR	E9608D
Total THMs	110 12.4		0.50		VOC2612	(03/20/06 22:44		E96080

Result Qualifiers: U = Not Detected I = Analyte detected between the Laboratory Method Detection Limit and Laboratory Reporting Limit

Applicable Florida Department of Environmental Protection Qualifiers defined below. Statement of Estimated Uncertainty available upon request.



Printed: 3/21/06

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æ
TEN

HARBOR BRANCH ENVIRONMENTAL LABORATORIES, INC. 5600 US 1 North, Fort Phone (772) 467-1584

Chain-of-Custody

Method(s) of

and Agreement to Perform Services

USE BALL POINT PEN PRESS HARD COMPLETELY FILL OUT ALL NON GREYED AREAS PRINT LEGIBLY

Laboratory not responsible for omitted information

_FDOH # E96080 5600 U.S. 1 North Fort Pierce, FL 34946

_FDOH # E85370 307 Coolidge Avanue Lenigh Acres, FL 33936

Company: AQUA Util Fc. Address: 140 Hare St.					Method(s) of		ALLER					255 Enterprise Rd , Suite 1 Z5 14 Oseware Blvd. Deltone, FL 32725 Spring Hill, FL 34607				
Lauguago FL. Zip: 32750 Phone: 407 339 - 5424 Fax: Client Contact: B/LL T				407 339 - 5424 Fax			e-mail: Standard Laborato Turn Around Time	Terrese Terrese		Cur	intact	USO OF	•	pH Check Y		LAB #2125.009
Project I	Name: CHULU OTA				Or Rush in Business Day. Requires Laboratory Approva	1 5		ANALYSES		REQUESTE		ED .		Preservation Key Mathydrochosc Acid Nether Acid Setum Acid Site Sodium Nydrockie Ustrason Acid Ustrason Acid		
LAB 10	DATE 3/9/06		9 Sample Type	MATRIX"	S * Containent	As Wi	LE DESCRIPTION Il Appear On Report	TTHM					·			COMMENTS
001		0945		DW	3		AZURKA	\\ \/					te ter	10 i	194 9.6	CL2 1.2 pH 7.8 CL2 1.2 pH 7.7
															#	to both samples preserved in field
				-												
Report	Sample Type RELINQUIS DATE/TIME	3/9/0°	eg .	110		0	** Maurix: S=Solid SL=Skudge D RELINQUISHED BY DATA AND A NATERTIME 3770(119	y m	Valer C]R	und Wal ELINQUI	SH€08\	Surfai	e Viate	Le U	-Wasterwater McMarine
98	RECEIVED DATE/TIME WHITE WI	3/9/	86	105	or File	0.	ATEITIME 3/9/0/	1140		D/	CEIVED	FORH	BELC	7/K	2/6	PAGEot

PUBLIC WATER SYSTEM INFORMATION (to be completed by sampler - Please type or print legibly)
- ···
System Name: Chuluoto PWS I.D. #: 3 5 9 0 1 8 6
Nontransient Noncommunity I Transient Noncommunity
Address: 118 E. 7th Street
City: Chuluota State: _F/ ZIP Code:
Phone #: 407-509-8398 Fax #: 407-339-7490
E-Mail Address: _betrendel@aquaamerica.com
SAMPLE INFORMATION (to be completed by sampler)
Completion to the complete com
Sample Date: 03/09/06 Sample Time: 0.45 AN
Sample Date: 03/09/06 Sample Time: 9:15 AM Sample Location (be specific): 390 Lk Lanelle Grab
4.
Disinfectant Residual (Required when reporting results for trihalomethenes and haloacetic acids): 1.2 mg/L Field pH: 7.8
Sample Type (Check Only One) Reason(s) for Sample (Check ell that apply)
Distribution Routine Compliance with 62.55m Quartertains
Confirmation of MCL Exceedence* [Special for the property of the property o
[Plant Tap not for compliance with 62-550] Composite of Multiple Sites**
Contraction (Other:
Ave Residence Time Sampling Procedure Used or Other Comments:
Near First Customer
Note: See 62-550.512(3) for additional requirements
for Nitrate or Nitrite MCL exceedences.
Sampler's Name: Terry monthy
Sampler's Phone #: 407-339-5484 Sampler's Fax #: 407-339-7490
Sampler's E-Mail Address: N/A
CERTIFICATION (to be completed by sampler)
1. Terry mocorthy unter treat oper.
do HEREBY CERTIFY that the above public water system and sample collection information is completed and correct.
Signature: Date:
Reporting Format 62-650.730 Effective January 1995, Revised January 2004

LABORATORY	Y CERTIFICATIO	N INFORMAT	ON (to be comp	leted by lab - Please type or	print legibly)
ATTACH A CURR	RENT DOH ANALYTI	E SHEET			
Lab Name:	Harbor Branch	nvironmental t	.aboratories, I	nc. Florida Certific	ation #: E96080
Address:	5600 US 1 Nort	<u> </u>		Certification Expiration	n Date: 06/30/2006
					(772) 465-2400 Ext. 285
ANALYSIS INI	FORMATION (to)	on completed by la	b) Date	Sample(s) Received::	3/9/06
PWS ID (From					1):
Lab Assigned I	Report Number o				
Group(s) Analy	zed and Results	attached for co	mpliance with	Chapter 62-550, F.A.C.	(Check all that apply):
Inorgal		nthetic Organic		Volatile Organics	Disinfaction Byproducts
T A 1	17	JAN 30		[_]All 21	☑ Trihalomethanes
Part	ial [AR Except Dio	xin	Partial	Haloacetic Acids
iiNitra	ete [_	Partial		_	Bromate
	┗.	¡Dioxin Only		Radionuclides	Chlorite
Asb	estos Only			Single Sample	Secondaries
				Qirty Composite	All 14
Were any analy	rses subcontracte	d? Yes	X No	•	Partial
	rovide DOH certif			a Piter and a second of the se	The residence
ATTACA DUM AN	ALYTE SHEET FOR	EACH SUBCONT			
1	Cinch Common		CERTIFICATI		.
The second of the second	Cindy Cromer (Print Name)			Laborat	ory Director Int Title)
do HEREBY CE National Environ	ERTIFY that all at nmental Laborato	tached analytic ry Accreditation	al data are cor Conference (rect and unless noted n	neet all requirements of the
Signature	Ciny o	Care		Date:21-	Mar-06
in rejection of the m Bureau of Laborato ** Please provide m	eport, possible enfore my Services. ediological sample di	tement against the	dification number public water sys	r and a current Analyte Shee tem for fallure to sample, and	t for the attached analysis results will result d may result in notification of the DOH
	DETERMINATIO		d by DEP or DOF	i)	
Sample Collection	on Info Satisfacto	ry: TYes	_]No	Sample Analysis In	fo Satisfactory: []Yes No
Replacemen	t Sample(s) Requ	jested (direle or hi	ghlight group(s) abi	ove) : Revised Report (Requested (circle or highlight group(s) above)
Additional Me	onitoring Require	d (circle or highligh)	group(s) above)		
	MCL(s) Exceed Missing Analyte Other:	: Sheet(s)	∭L¢	etection(s) ecation Unsatisfactory	Incomplete Report Analysis Unsatisfactory
Person Notified:				Date Not	fied:
Date Reviewed:			DEPIDOH Re	viewing Official	
				Customer heaves 2001 visual	

DISINFECTION BYPRODUCTS ANALYSES 62-550,310(3)

Client:	Aqua Utilities Flo	orida, i	nc.	Rep	ort Number/Job	ID (Chuluota TTHM					
Sample Location: 390 Lk Lanelle Grab					Disinfectant Residual (mg/L							
Sample Number:	2125009001				P	WS ID	_					
Sampling Date:	3/09/06 9:15						,	<u> </u>				
Date Received:	3/09/06 11:40											
Contam ID Contam Name	MCL	Units	Analysis Result	Qualifier	Analytical Method	Lab M[Analysis DL Date	Analysis Time	Lab ID			

2941	Chloroform	[N/A]	ug/L	13	ÉPA 524.2	0.25	3/20/06	10:10 PM	E96080
2942	Bromoform	[N/A]	ug/L	35	EPA 524.2	0.41	3/20/06	10:10 PM	E96080
2943	Bromodichloromethane	[NA]	ug/L	23	EPA 524,2	0.25	3/20/06	10:10 PM	E96080
2944	Dibromochloromethane	[N/A]	ug/L	45	EPA 524.2	0.30	3/20/06	10:10 PM	E96080
2950	Total Trihalomethanes	[08]	ug/L						

NOTE: Do not round values. Report results to the accuracy, precision, and sensitivity of the analytical method used. Totals for haloacetic acids and total trihalomethanes will be calculated by DEP or DOH.

Reporting Formet 62-550,730 Effective January 1995, Revised January 2004

* Results must be reported with appropriate questions in accordance with Rotids Administrative Code Rule 82-180. Table 1. Results Qualified with A, F, M, N, O, T, Z, Z, 4, erc unacceptable for compliance with 82-890. Results qualified with a J, O, R, or Y must be accompanied by written justification and will be evaluated on a case by case basis. To avoid a monitoring violation, unacceptable results from samples collected during the same monitoring part

5600 US 1 North Fort Pierce, FL 34946 FDOH # E98080 4155 St. Johns Pkwy Suite 1300 Sanford, FL 32771 FDOH # E83509



307 Coolidge Avenue Lehigh Acres, FL 33936 FDDH # E85370

2514 Osawaw Boulevard Spring Hill, FL 34607 FDOH # E84418

Printed: 3/21/06

PUBLIC WATER SYSTEM INFORMATION	(to be completed by sampler - Please type or print legibly)
System Name: Chulcotal	PWS I.D. #: 3 5 9 0 1 8 6
	ly [Nontransient Noncommunity [Transient Noncommunity
Address: LIS E 7th St	
	State: F] ZIP Code:
Phone #: <u>407-509-8308</u>	Fax#: 407 339-7490
	Dagunamerica com
SAMPLE INFORMATION (to be completed by	
	Location Code (if known):
	Sample Time: 9:45 AM
Sample Location (be specific): 803 Mazur	
Disinfectant Residual (Required when reporting	results for trihatomethanes and haloacetic acids): La mg/L Field pH: 7.7
Sample Type (Check Only One)	Reason(s) for Sample (Check all that apply)
Distribution	Routine Compliance (with e2-550) Quarterly (which Qtr
Entry Point (to Distribution)	[]Confirmation of MCL Exceedance* []Special (not for compliance with 62-550)
Plant Tap not for compliance with 62-550)	Composite of Multiple Sites** [Violation Resolution
Raw (all well or Intake)	[Clearance (permitting)
Max Residence Time	Other:
	Sampling Procedure Used or Other Comments:
Near First Customer	M. P. P. P. P. P. P. P. P. P. P. P. P. P.
*See 62-550.500(8) for requirements a Note: See 62-550.512(3) for additional for Nitrate or Nitrite MCL exceed	al requirements attach a results page for each site.
Sampler's Name: Terry M900	ctby
Sampler's Phone #: 407-330-54	184 Sampler's Fax#: 407-339-7490
Sampler's E-Mail Address: N/A	
CERTIFICATION (to be completed by sampler)	
l. Terry Monthy	woter treat oper.
do HEREBY CERTIFY that the above public completed and correct.	water system and sample collection information is
Signature:	Date:
	.730 Effective January 1995 Revised January 2004

LABORATO	RY CERTIFICA	TION INFORMA	FION (to be compi	eled by lab - Pleas	e type or print l	egibly)
ATTACH A CUI	RRENT DOH ANAL	YTE SHEET				
Lab Name:	Harbor Brane	ch Environmental	Laboratories, Ir	c. Florida	Certification	#: E96080
Address: _	5600 US 1 N	orth		Certification E	xpiration Da	te: 06/30/2006
	Fort Pierce,	FL_34946		_Phone #:		465-2400 Ext. 285
						3/9/06
PWS ID (Fro	m Paga 1);		Same	ole Number (Fro	om Page 1):	
Lab Assigned	t Report Numbe	r or Job ID:	·· · · · · · · · · · · · · · · · · · ·	2125009002		The second secon
						eck of that apply):
	anics	Synthetic Organi		Volatile Org		Disinfection Byproducts
٠		[]All Except Did	avia	[]Parlial		X Trihalomethanes
[[Nii		Partial	JAIF1			Haloacetic Acids
[]Nit		Dloxin Only		Radionuclio	dee	☐Bromate ☐Chlorite
	bestos Only			Single S		Cinonte
,,	000100 01117			[]Qtrly Co	•	Secondaries
Were any ana	alyses subcontra	icted? Ye	s X No	C. James	··· podito	[All 14
	-	ertification numbe	***************************************			Partial
ATTACH DOH A	NALYTE SHEET F	OR EACH SUBCON	TRACTED LAB	groupe and the second of		and the second of the second o
			CERTIFICATION	ON		
1,	Cindy Crome			. (Laboratory D	frector
	(BUGN FORTS)				/Print Tis	a)
National Envir	conmental Labor	i attached analyti atory Accreditatio	cal data are con in Conference (l	rect and unless : NELAC).	noted meet a	all requirements of the
Signature	Cin	ann		Date:	21-Mar-0	06
Bureau of Labora	de a valid and curre report, possible en Mory Services.	nt Florida DOH lab o	ertification number ne public water syst	and a current Anal	Ma Sheel for th	e attached analysis results will result result in notification of the DOH
COMPLIANCE	DETERMINAT	ION (to be complete	ed by DEP or DOH		',	
Sample Collec	tion Info Satisfa	ctory: ["]Yes	No	Sample Ana	alysis Into Sa	isfactory: Yes No
Replaceme	ent Sample(s) R	equested (circle or !	ighlight group(s) abo	ve) []Revised I	Report Requ	ested (circle or highlight group(s) above)
[]]Additional [Monitoring Requ	ilred (circle or highligh	it group(s) above)		•	
Reason(s):		eeded lyte Sheet(s)	Lox	tection(s) callon Unsatisfa	ectory	☐ Incomplete Report ☐ Analysis UnsatIsfactory
Person Notified	J:			Da	ate Notified:	
Comments:						
Date Reviewed			DEP/DOH Rev	riewing Official:		
		Rebortha Formal 6	2.550 730 Ffertim	Indiana 1905 Davised	Annua 6064	

DISINFECTION BYPRODUCTS ANALYSES 62-550,310(3)

Client:	Aqua Utilities Fi	orida, i	nc.	Rep	ort Number/ Job ID	Chuluota TTHM		
Sample Location:	803 Mazurka G	rab		Disi	nfectant Residual (mg/	<u> </u>	- · · ·	
Sample Number:	2125009002				PWS ID	•		
Sampling Date:	3/09/06 9:45			•				der region de
Date Received:	3/09/06 11:40							
Contam 1D Contam Name	MGL	Units	Analysis Result	Qualifier	Analytical Method Leb N	Analysis MDL Date	Analysis Time	Lab ID

2941	Chloroform	(N/A)	ug/L	7.6	EPA 524.2	0.25	3/20/06	10:44 PM	E96080
2942	Bromolorm	(AVA)	ug/L	35	EPA 524.2	0.41	3/20/06	10:44 PM	E98080
2943	Bromodichloromethane	[NA]	ug/L	23	EPA 524.2	0.25	3/20/06	10:44 PM	E96080
2944	Dibromochloromethane	(N/A)	ug/L	47	EPA 524.2	0.30	3/20/06	10:44 PM	E98080
2950	Total Tribalomethanes	[80]	ug/L						

NOTE: Do not round values. Report results to the accuracy, precision, and sensitivity of the analytical method used.

Totals for haloacetic acids and total trihalomethanes will be calculated by DEP or DOH.

Reporting Format 82-550,730 Effective January 1995, Revised January 2004

* Results must be reported with appropriate qualifiers in accordance with Florida Administrative Code Rule 62-180, Table 1. Results Qualified with A, F, H, N, O, T, Z, 7, *, are unacceptable for compliance with 62-580. Results qualified with a J, Q, R, or Y must be accompanied by written justification and with be evaluated on a case by case bacis. To svoid a monitoring violation, unacceptable results must be replaced with acceptable results from samples collected during the same monitoring part.

5600 US 1 North Fort Pierce, FL 34948 FDOH # E96080 4155 St. Johns Pkwy Suite 1300 Sanford, FL 32771 FDOH # E83509

307 Coolidge Avenue Lehigh Acres, FL 33936 FDOH # E85370 2514 Osawaw Boulevard Spring Hill, FL 34607 FDOH # E84418

Printed: 3/21/06



Department of Environmental Protection

Jeb Bush Governor Central District
3319 Maguire Boulevard, Suite 232 Colleen M. Castille
Orlando, Florida 32803-376 SEP 1 8 2006
September 7, 2006

By

Aqua Utilities Florida, Inc. 1100 Thomas Avenue Leesburg, Florida 34748

Attention: Jack Lihvarcik, President

Seminole County - PW Chuluota Water System PWS ID Number 3590186 Lorry
Good project to how Pareick
work on Most one eng resolutions
we need to outsource repairs

OCD-PW-SS-06-1031

Jul

Dear Mr. Lihvarcik:

The Department conducted a sanitary survey of the above-referenced public water system on August 29, 2006. This inspection was conducted by Kim Dodson and Nathan Hess, in the presence of Bob Ansag and Bill Trendel, both of Aqua Utilities Florida. A copy of the sanitary survey report is enclosed for your reference and records.

Deficiencies found during the sanitary survey and in Department records are listed on pages 7-13 of the enclosed report. These deficiencies shall be corrected in order to return to compliance with *Florida Administrative Code* (F.A.C.) Rules 62-550, 62-555, 62-560 and 62-602.

Correct the indicated deficiencies, and notify the Department in writing that the deficiencies have been corrected, no later than October 16, 2006.

Please be advised that enforcement action is forthcoming for failure to comply with maximum contaminant level for total trihalomethanes.

If you have any questions, please contact Nathan Hess at the above address or by phone at (407) 893-3318, extension 2276.

Sincerely,

Kim Dodson, Environmental Manager Drinking Water Compliance and Enforcement

KMD/nh Enclosures

cc: Jerry Connolly, Aqua Utilities Florida, Inc. [EMAIL: gpconnolly@aquaamerica.com mjoreilly@aquaamerica.com]

Jim Collins, Seminole County Health Department Echo Goodner, DEP Drinking Water Compliance/Enforcement Nathan Hess, DEP Drinking Water Compliance/Enforcement Kenny Davis, DEP Drinking Water Compliance

DOCUMENT NUMBER DATE

State of Florida Department of Environmental Protection Central District

-

SANITARY SURVEY REPORT

PLANT #1

GENERAL INFORMATION	
System Name <u>CHULUOTA WATER SYSTEM WTP #</u>	1 County Seminole PWS ID# 3590186-1
Plant Location 118 E 7th Street, Chuluota, FL 32766	Phone
Owner Name Aqua Utilities Florida, Inc.	Phone 610-645-1026
Owner Address 762 Lancaster Avenue, Bryn Mawr, PA	19010
Contact Person <u>Jerry P. Connolly</u>	Title Manager of Operations Phone 352-787-0980
Contact Person <u>Jerry P. Connolly</u> This Survey Date <u>8/29/06</u> Last Survey Date	6/29/04 Last C.I. Date 7/23/98
PWS TYPE & CLASS	RAW WATER SOURCE
Community (4C)	
Community (4C)	GROUND; Number of Wells 2
PWS STATUS	PURCHASED from PWS ID#
Approved system with approval number & date	Emergency Water Source Interconnect w/ WTP #2
12/20/61 5331-18150	Emergency Water Capacity 720,000 gpd
12/20/01 3331-10130	AUXILIARY POWER SOURCE
	☐ Yes ☐ None ☐ Not Required
SERVICE AREA CHARACTERISTICS	Source Diesel
Residential	Source <u>Diesel</u> Capacity of Standby (kW) <u>105</u>
	Switchover: Automatic Manual
	Standby Plan: Yes No
OPERATION & MAINTENANCE	Hrs Operated Under Load 1 hr/wk.
Certified Operator: X Yes No Not required	What equipment does it operate?
Operator(s) & Certification Class-Number	Well pumps All
William Trendel C-6411	High Service PumpsAll
Terry McCarthy C-4617	☐ Treatment Equipment _All
	Satisfy average-day demand?
O & M Log: Yes No Not required	Comments No audio-visual alarm system
Operator Visitation Frequency	Generator had a small fuel spill prior to inspection.
Hrs/day: Required Actual 6 Actual 6	
Days/wk: Required 6 Actual 6	TREATMENT PROCESSES IN USE
Non-consecutive Days? ☐ Yes ☐ No ☒ N/A	Aeration, hypochlorination, iron sequestration -
MORs submitted regularly? ☑ Yes ☐ No ☐ N/A	Aquadene orthopolyphosphate dosage 1.0 mg/l.
Data missing from MORs? No Yes N/A	What additional treatment is needed?
Maximum-day design capacities reported on MOR's	Chloramination
differ from Department records.	For control of what deficiencies?
	Disinfection byproducts
Number of Service Connections *1,307	DISTRIBUTION SYSTEM
Population Served *4,574 Basis Operator	Flow Measuring Device*Flow Meter
Average Day (from MORs) 68,927 gpd	Meter Size & Type McCrometer
Max. Day (from MORs) 128,000 gpd 5/06 MOR	Backflow Prevention Devices: X Yes No
Max-day Design Capacity 720,000 gpd	Cross-connections None observed.
Comments *System-wide	Written Cross-connection Control Program: Yes_
	Coliform Sampling Plan: ✓ Yes ✓ No ✓ N/A
	Comments *Wells individually metered - no finished
	water meter

Plant Name	WTP #1	
Plant PWS ID #	3590186-1	
Date	8/29/06	

GROUND WATER SOURCE

WATER SOURCE	1	1 2	يبين بالمحمد عن المحمد	
Well Number Year Drilled		<u> </u>		
Depth Drilled		<u> </u>		
		<u> </u>		
		<u> </u>		
Static Water Level		L		
Pumping Water Level				
Design Well Yield Test Yield		<u> </u>		
		<u> </u>		
d (if different than rated capacity)	Unknown	Unknown		
	Unknown	Unknown		
Length (outside casing)		128'		
Diameter (outside casing)		8"		
Material (outside casing)		Steel		
Well Contamination History		No		
Is inundation of well possible?		No		
6' X 6' X 4" Concrete Pad		Yes		
Septic Tank	N/A	N/A		
Reuse Water	N/A	N/A	 	
WW Plumbing	>100'	>100'		
Other Sanitary Hazard	Above ground	diesel fuel	storage tank	
Туре	Vertical turbine	Vertical turbine		
Manufacturer Name	Goulds	Goulds		
Model Number	Unknown	Unknown		
Rated Capacity (gpm)	250	500		
Motor Horsepower	60	Unknown		
Well casing 12" above grade?		Yes		
Well Casing Sanitary Seal		ОК		
Raw Water Sampling Tap		Yes		
Above Ground Check Valve		Yes		
sing	Yes	Yes		
	N/A	N/A		
	ed thod out er Level Vater Level ell Yield d (if different than rated capacity) tside casing) outside casing) utside casing) umination History on of well possible? Concrete Pad Septic Tank Reuse Water WW Plumbing Other Sanitary Hazard Type Manufacturer Name Model Number Rated Capacity (gpm) Motor Horsepower g 12" above grade? g Sanitary Seal r Sampling Tap	thod Unknown out Unknown out Unknown out Unknown out Unknown out Unknown out Unknown out Unknown out Unknown out Unknown Out Unknown Out Unknown Out Unknown Out Unknown Out Unknown Out Unknown Out Unknown Out Unknown Out Side casing) Outside casing Outside casing Outside casing Outside casing Outside casing Outside casing Outside casing Outside casing Outside casing Outside casing Outside casing Outside casing Outside casing Outside casing Outside casing Outside casing Outside casing Outside casing Outsid	1961 1966 ed 240' 235' thod Unknown Unknown out Unknown Unknown er Level Unknown Unknown er Level Unknown Unknown er Level Unknown Unknown Unknown Unknown Unknown Unknown Unknown Unknown Unknown Unknown Unknown Unknown Unknown Unknown Unknown Unknown tside casing) 122' 128' outside casing) Steel Steel umination History No No on of well possible? No No Concrete Pad Yes Yes Septic Tank N/A N/A Reuse Water N/A N/A WW Plumbing >100' >100' Other Sanitary Hazard Above ground diesel fuel Type Vertical turbine Vertical turbine Manufacturer Name Goulds Goulds Model Number Unknown 12' above grade? Yes Yes Sampling Tap Yes Yes Yes Yes Yes Sampling Tap Unknown Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes	d 1961 1966 ed 240' 235' thod Unknown Unknown out Unknown Unknown er Level Unknown Unknown er Level Unknown Unknown er Level Unknown Unknown Unknown Unknown Unknown Unknown d (if different than rated capacity) Unknown Unkn

COMMENTS Well #1 was out of service at time of inspection. Provide update on status when problem is diagnosed.

No well vents on wells #1 and #2. Well pumps run simultaneously.

						<u>359018</u>			
				Date		8/29/06	· !		
CHLORINATION (Dis	infactio	in		420000000000000000000000000000000000000					
Type: Gae Mith	/DO	•		AMMONIATION		0	40. 3		
Make (3) Stenner Capacity 85 gpd Chlorine Feed Rate 20 to 25 gpd. Avg. Amount of Cl ₂ gas used N/A			Injection Points	Make (2) Stenner Capacity 40 gpd					
Chlorine Feed Rate	20 to 25	s and	y <u>05 gpu</u>	Injection Points Into top of GST.					
Ava. Amount of Cl. as	as used	, <u>1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1</u>	N/A		Comments This process is currently NOT in use.				
Chlorine Residuals: I	Plant	1.03	Remote 0.66		18% aqueous ammonia, 12/2003 conversion				
Remote tap location	803 M	azurka S	₹t	to aqueous ammonia cleared - 59-0080853-016.					
DPD Test Kit: On-site With operator				Maximum use rate aqueous ammonia not to exceed 14mg/l. Proposed ratio 4.5 parts chloring to 1.0 part					
		Used Daily	ammonia. Chloramines cleared for service in August						
Injection Points Into			2000 as corrective action for maximum contaminant						
Booster Pump Info				level violations for total trihalomethanes.					
Comments System is	currently	using f	ree chlorine to	19 19 10 10 10 10 10 10 10 10 10 10 10 10 10	to ver violations for total untaloinemanes.				
maintain disinfection.				STORAGE FACI	ILITIES				
chlorine was approved l	by the Do	epartme:	nt in July 2004.	(G) Ground (H) Hydropneumatic (E) Elevated					
				(B) Bladder (C					
Chlorine Gas Use	YES	NO	Comments	Tank Type/Num					
Requirements				Capacity (gal)	100,0				
Dual System				Material	Stee		_		
Auto-switchover		Ш		Gravity Drain	Ye				
Alarms: Loss of Cl ₂ capability	П	\Box		By-pass Piping	Ye				
Loss of Cl ₂ residual		H							
Cl₂ leak detectiòo		<u> </u>		Pressure Gauge					
Scale				Sight Glass or Level Indicator	No	Yes			
Chained Cylinders				Fittings for	N/A	Yes	1		
Reserve Supply	A			Sight Glass					
Adequate Air-pak				Protected Openia	ngs Ye	Yes			
Sign of Leaks				PRV/ARV	N//	PRV			
Fresh Ammonia		Q		On/Off Pressure	N//	Unknown	1		
Ventilation				Access Padlocke	d Ye	Yes			
Room Lighting				Height to Bottom	of N/A	N/A			
Warning Signs				Elevated Tank		2712	 		
Repair Kits				Height to Max. Water Level	N/A	N/A			
Fitted Wrench				Comments Both tanks exhibit extensive corrosion. The					
Housing/Protection				dates of last cleani	ng and inspe	ction are unkn	own.		
	<u></u>				DUMBE				
				HIGH SERVICE	PUMPS ,				
AERATION (Gases, Fe, & Mn Removal)				Pump Number	1	2			
Type <u>Cascade</u> Capacity <u>500 gpm</u>				Туре	Centrifugal	Centrifugal			
Aerator Condition <u>*Unknown</u>				Make	Goulds	Goulds			
Bloodworm Presence *Unknown			Model	Unknown	Unknown				
Visible Algae Growth *Unknown Protective Screen Condition *Unknown				ļ <u>.</u>					
Protective Screen Condition <u>*Unknown</u> Comments <u>Per operator, aerators are inspected</u>			Capacity (gpm)	450	500				
	monthly and cleaned 3 times per year. *Tank not			Motor HP	25	25			
				Comments	·				

Plant Name____

WTP#1

Plant Name	WTP #2
Plant PWS ID #	3590186-2
Date	8/29/06

PLANT #2

GENERAL INFORMATION	
System Name <u>CHULUOTA WATER SYSTEM WTP #2</u>	
Plant Location Brumley Road, Chuluota, FL 32766	
Owner Name Aqua Utilities of Florida, Inc.	Phone 610-645-1026
Owner Address 762 Lancaster Avenue, Bryn Mawr, PA 1	9010
Contact Person	itle Manager of Operations Phone 352-787-0980
Contact Person <u>Jerry P. Connolly</u> This Survey Date <u>8/29/06</u> Last Survey Date	6/29/04 Last C.I. Date 7/23/98
PWS TYPE & CLASS	
Community (4C)	RAW WATER SOURCE
Connitionity (4C)	GROUND; Number of Wells 2
PWS STATUS	PURCHASED from PWS ID#
Approved system with approval number & date	Emergency Water Source Interconnect w/ WTP #2
WC59-263422 cleared 8/15/96	Emergency Water Capacity <u>720,000 gpd</u>
	AUXILIARY POWER SOURCE
☐ Unapproved system	
	Source <u>Diesel</u>
SERVICE AREA CHARACTERISTICS	Capacity of Standby (kW)Unknown
Residential	Switchover: X Automatic Manual
	Standby Plan: 🛛 Yes 🔲 No
AAPATIAN BILLINTPHINAP	Hrs Operated Under Load 1 hr/wk.
OPERATION & MAINTENANCE	What equipment does it operate?
Certified Operator: Yes No Not required	Well pumps <u>All</u> High Service Pumps <u>All</u> High Service Pumps <u>All</u> New York
Operator(s) & Certification Class-Number	High Service PumpsAll
William Trendel C-6411	
Terry McCarthy C-4617	Satisfy average-day demand? ☐Yes ☐No ☑Unk
O & M Log: Yes No Not required	Comments No audio-visual alarm system.
Operator Visitation Frequency	Provide specifications for newly installed generator.
Hrs/day: RequiredActual	
Days/wk: Required 6 Actual 6	TREATMENT PROCESSES IN USE
Non-consecutive Days? ☐ Yes ☐ No ☒ N/A	Aeration, hypochlorination, iron sequestration -
MORs submitted regularly? ☐ Yes ☐ No ☐ N/A	Aquadene orthopolyphosphate dosage 1.0 mg/l.
Data missing from MORs? No Yes N/A.	What additional treatment is needed?
*Maximum-day design capacity reported on MORs	Chloramination
differs from that in Department records.	For control of what deficiencies?
	Disinfection byproducts
	DISTRIBUTION SYSTEM
	DISTRIBUTION SYSTEM Flow Measuring DeviceFlow Meter
Number of Service Connections *1,307	
Population Served *4,574 Basis Operator	Meter Size & Type <u>McCrometer</u> Backflow Prevention Devices: Yes □ No
Average Day (from MORs) 386,701 gpd	
· · · · · · · · · · · · · · · · · · ·	Cross-connections None observed Written Cross-connection Control Program: Yes
Max. Day (from MORs) 653,700 gpd 5/06 MOR	
Max-day Design Capacity 1.080,000 gpd	Coliform Sampling Plan: Yes No NA
Comments *System-wide	Comments Wells individually metered - no finished
	water meter.

Plant Name	WTP_#2	
Plant PWS ID #	3590186-2	
Date	8/29/06	

GROUND WATER SOURCE

Well Num	ber	3	5		
Year Drille		1987	2002		
Depth Dril	led	218'	250'		
Drilling Me	ethod	Cable tool	Rotary		
Type of G	rout	Unknown	Neat cement		
Static Wat	ter Level	30.2'	31'		
Pumping \	Nater Level	55'	52'		
Design W	ell Yield	500 gpm	500 gpm		
Test Yield		800 gpm	550 gpm		
Actual Yie	ld (if different than rated capacity)	Unknown	Unknown		<u> </u>
Strainer		Open hole	Open hole		
Length (ou	utside casing)	122'	40'		
Diameter ((outside casing)	10"	18"		
Material (d	outside casing)	Black steel	Black steel		
Well Conta	amination History	None	None		
ls inundati	ion of well possible?	No	No	<u> </u>	
6' X 6' X 4	* Concrete Pad	Yes	Yes		
	Septic Tank	>200'	>200'		
SET	Reuse Water	N/A	N/A		
BACKS	WW Plumbing	>100'	>100'		
	Other Sanitary Hazard	None observed	None observed		
	Туре	Vertical turbine	Vertical turbine		
	Manufacturer Name	Floserve	Fairbanks Morse		
PUMP	Model Number	Unknown	10M7000		
	Rated Capacity (gpm)	500	500		<u></u>
	Motor Horsepower	20	25		
Well casin	g 12" above grade?	Yes	Yes		
Well Casir	ng Sanitary Seal	No*	Yes		
Raw Wate	r Sampling Tap	Yes	Yes		
Above Gro	ound Check Valve	Yes	Yes		
Fence/Hor	using	Yes	Yes		
Well Vent	Protection	N/A	N/A		

COMMENTS There are no well vents on wells #3 and #5. *The concrete base/pump head interface is not properly sealed on well #3: the concrete base is broken around the pump head.

CHLORINATION (Dis		•		AMMONIATION		0
Make (2) Stenner Chlorine Feed Rate Avg. Amount of Cl ₂ gs	,,,,,,	Capacit	v 85 ond	Make (2) Stenn Injection Points	ler	_ Capa
Chlorine Feed Rate	20-25 g	od ao.) <u> </u>	Comments This p		
Avg. Amount of Cl ₂ ga	as used		N/A	18% aqueous ammo		
ornorno reciduado, r	1011 IL	1.0	nemote v.o.	ammonia cleared -		
Remote tap location _	390 La	ake Len	elle	aqueous ammonia n		
OPD Test Kit: 🔲 Or			h operator	4.5 parts chlorine to	1.0 part am	monia.
	one		Used Daily	cleared for service i	n August 20	00 as c
njection Points <u>Into</u>	top of G	iST2.		for maximum conta	minant level	<u>violati</u>
Booster Pump Info				trihalomethanes.		
Comments <u>System is consisted in the Comments of System is consisted in the Comment of System in the Comment of System is consisted in the Comment of System is consisted in the Comment of System is consisted in the Comment of System is consisted in the Comment of System is consisted in the Comment of System is consisted in the Comment of System is consisted in the Comment of System is consisted in the Comment of System is consisted in the Comment of System is consisted in the Comment of System is consisted in the Comment of System is consisted in the Comment of System is consisted in the Comment of System is consisted in the Comment of System is consisted in the Comment of System is consisted in the Comment of System is consisted in the Comment of System in the Comment of System is consisted in the Comment of System in the Comment of </u>				-		
a permit in place for the				STORAGE FACIL		
a permit in place for an	ia ej pe o	i tioniii	C11 L.	 (G) Ground (H) 		umatic
Chlorine Gas Use	YES	NO	Comments	Tank Type/Numb		
Requirements ual System				Capacity (gal)	50,000	i
Auto-switchover		<u> </u>		Material	Concret	te Co
larms:	<u> </u>			Gravity Drain	Yes	
larms: Loss of Cl ₂ capability		П		By-pass Piping	Yes	
Loss of Cl ₂ residual		Ħ		Pressure Gauge	N/A	
Cl ₂ leak detection		<u> </u>		Sight Glass or	Yes	-
cale		[_]		Level Indicator		
hained Cylinders \				Fittings for	N/A]
eserve Supply	A			Sight Glass Protected Opening	ıs Yes	
dequate Air-pak				PRV/ARV	N/A	
ign of Leaks				On/Off Pressure	N/A	
resh Ammonia		Z.		Access Padlocked		
/entilation				Comments G1 is		
Room Lighting				inspected. Hydropn		
Warning Signs				cleaned/replaced. T		
Repair Kits		-	 	and inspection are u		
itted Wrench				4		
	- - -			HIGH SERVICE P	UMPS	
Housing/Protection				Pump Number	1	2
				Туре	Centrifugal	Centri
				Make	Worthington	Worthi
AERATION (Gases, I			,	Model	3LR-9	3LR
Type <u>Cascade</u> Aerator Condition G		ipacity .	1300 & 650 gpi	Capacity (gpm)	500	50
Bloodworm Presence	Unkn	own		Motor HP	30	3(
Visible Algae Growth		<u> </u>		Date Installed	1996	199
Protective Screen Cor Comments <u>Per operat</u>			inspected	Maintenance	OK	OI
monthly and cleaned 3				Comments HSPs		

Plant Name	WTP #2	
Plant PWS ID#	3590186-2	
Date	8/29/06	

Make	(2) Stenner	Capacity 40 gpd
Injection	Points	Into GST.
Commer	nts <i>This proc</i>	ess is currently NOT in use.
18% aque	ous ammoni	a. 12/2003 conversion to aqueous
<u>ammonia</u>	cleared - 59-	0080853-017. Maximum use rate
		to exceed 14 mg/l. Proposed ratio
4.5 parts (chlorine to 1.	0 part ammonia. Chloramines
cleared for	<u>or service in A</u>	August 2000 as corrective action
		nant level violations for total
trihalome	thanes.	

Tank Type/Number	G1	G2	H
Capacity (gal)	50,000	300,000	10,000
Material	Concrete	Concrete	Steel
Gravity Drain	Yes	Yes	Yes
By-pass Piping	Yes	Yes	Yes
Pressure Gauge	N/A	N/A	Yes
Sight Glass or Level Indicator	Yes	Yes	Yes
Fittings for Sight Glass	N/A	N/A	Yes
Protected Openings	Yes	Yes	Yes
PRV/ARV	N/A	N/A	PŔV
On/Off Pressure	N/A	N/A	Unknown
Access Padlocked	Yes	Yes	Yes

as not been lass needs to be ning and

Pump Number	1	2	3
Type	Centrifugal	Centrifugal	Centrifugal
Make	Worthington	Worthington	Worthington
Model	3LR-9	3LR-9	T641
Capacity (gpm)	500	500	500
Motor HP	30	30	30
Date Installed	1996	1996	2003
Maintenance	OK	OK	OK

Comments HSPs limiting factor.

System Name:	Chuluota Water System
PWS ID #	3590186
Date	8/29/06

DEFICIENCIES:

1. Failure to comply with the maximum contaminant level (MCL) for total trihalomethanes (TTHMs). Treatment processes approved as corrective action for MCL violations of TTHMs have been taken offline.

The ultimate concern of the public water system supervision program is the quality of water for human consumption when the water reaches the consumers. [Rule 62-550.300, F.A.C.]

Public water systems shall take necessary corrective action approved by the Department to meet all applicable MCLs, MRDLs, and treatment technique requirements. [Rule 62-550.300, F.A.C.]

The Department shall be notified within 48 hours of receiving results that are not in compliance with an MCL or MRDL (except for violations of the microbiological, nitrate, or nitrite MCL and acute violations of the MRDL for chlorine dioxide), and notify the public in accordance with Rule 62-560.410, F.A.C. [Rule 62-550.500(8), F.A.C.]

Results of test measurement or analysis shall be reported to the Department within the first ten days following the end of the required monitoring period, or the first ten days following the month in which the sample results were received, whichever time is shortest.

2. Failure to obtain written approval from the Department for discontinuing use of ammonia feed facilities. The Department was notified of the temporary conversion to free chlorine to address water quality issues in the distribution system in July 2004. The conversion to chloramines was cleared in August 2000 as corrective action for MCL violations of TTHMs.

Prior to discontinuing use of any existing drinking water treatment, suppliers of water shall obtain written approval from the Department. Each request for approval shall be submitted in writing to the appropriate Department of Environmental Protection District Office and shall include the following: a description of the scope, purpose, and location of the work or alterations; and assurance that the work or alterations will comply with applicable requirements in Part III of this chapter, including applicable requirements in the engineering references listed in Rule 62-555.330, F.A.C. Additionally, each request for approval to discontinue use of existing drinking water treatment facilities, each request for approval to change drinking water treatment chemicals shall include assurance of continuing compliance with applicable primary or secondary drinking water standards. [Rule 62-555.520(1)(b), F.A.C.]

3. Failure to implement a cross-connection control program.

Community water systems, and all public water systems that have service areas also served by reclaimed water systems regulated under Part III of Chapter 62-610, F.A.C., shall establish and implement a routine cross-connection control program to detect and control cross-connections and prevent backflow of contaminants into the water system. This program shall include a written plan that is developed using recommended practices of the American Water Works Association set forth in Recommended Practice for Backflow Prevention and Cross-Connection Control, AWWA Manual M14, as incorporated into Rule 62-555.330, F.A.C. [Rule 62-555.360(2), F.A.C.]

Upon discovery of a prohibited cross-connection, public water systems shall either eliminate the cross-connection by installation of an appropriate backflow prevention device acceptable to the Department or shall discontinue service until the contaminant source is eliminated. [Rule 62-555.360(3), F.A.C.]

System Name:	Chuluota Water System
PWS ID #	3590186
Date	8/29/06

DEFICIENCIES (continued):

4. Failure to provide an audio-visual alarm system for standby power. be need to

At each site where standby power is required the supplier of water shall provide by December 31, 2005, wellse poto an audio-visual alarm system that is activated in the event any power source fails. If the site is not staffed during all hours the standby-powered water system components are in operation, the alarm also AMNISTADEC. shall be telemetered to a place staffed during all hours the standby-powered water system components All Bernie hive are in operation, or shall trigger an automatic telephone dialing or paging device, to enable notification ectorian of an authorized representative of the supplier of water, [Rule 62-555.350(14)(f), F.A.C.]

Failure to provide an operation and maintenance manual.

Suppliers of water shall provide an operation and maintenance manual for each of their drinking water treatment plants by no later than December 31, 2005, and shall update the manual thereafter as necessary to reflect plant alterations and additions. The manual shall contain operation and control procedures, and preventive maintenance and repair procedures, for all plant equipment and shall be made available for reference at the plant or at a convenient location near the plant. Bound and indexed equipment manufacturer manuals shall be considered sufficient to meet the requirements of this subsection. [Rule 62-555.350(13), F.A.C.]

6. Failure to provide totalizing flow meters to measure the net quantity of finished drinking water.

All water treatment plants that are connected to a community water system shall be equipped with a totalizing flow meter to measure the net quantity of finished drinking water, excluding any filter backwash water, produced at the plant each day. [Rule 62-555.320(16), F.A.C.]

*REPEAT VIOLATION

7. Failure to properly store and/or remove unused ammonium hydroxide. Drums of ammonium hydroxide have been kept at the plants since the ammonia feed was taken offline in 2004. Storage facilities at water treatment plant #1 do not have ventilation, and a drum is stored in direct sunlight at water treatment plant #2.

Ammonium hydroxide storage facilities shall be equipped in accordance with Sections 5.4.1 and 5.4.5.2, Recommended Standards for Water Works.

Aqua ammonia feed pumps and storage shall be enclosed and separated from other operating areas. The agua ammonia room shall be equipped as in Section 5.4.1 with the following changes:

- a. A corrosion resistant, closed, unpressurized tank shall be used for bulk storage, vented through an inert liquid trap to a high point outside and an incompatible connector or lockout provisions shall be made to prevent accidental addition of other chemicals to the storage tank.
- b. The storage tank shall be fitted either with cooling/refrigeration and/or with provision without opening the system to dilute and mix the contents with water to avoid conditions where temperature increases cause the ammonia vapor pressure over the aqua ammonia to exceed atmospheric pressure.
- c. An exhaust fan shall be installed to withdraw air from high points in the room and makeup air shall be allowed to enter at a low point.

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System Name:	Chuluota Water System
PWS ID #	3590186
Date	8/29/06

DEFICIENCIES (continued):

- d. The aqua ammonia feed pump, regulators, and lines shall be fitted with pressure relief vents discharging outside the building away from any air intake and with water purge lines leading back to the headspace of the bulk storage tank.
- e. The aqua ammonia shall be conveyed direct from storage to the treated water stream injector without the use of a carrier water stream unless the carrier stream is softened.
- f. The point of delivery to the main water stream should be placed in a region of rapid, preferably turbulent, water flow.
- g. Provisions should be made for easy access for removal of calcium scale deposits from the injector.
- h. Provision of a modestly-sized scrubber capable of handling occasional minor emissions should be considered.

[Section 5.4.5.2, Recommended Standards for Water Works]

Water Treatment Plant #1

8. Failure to maintain finished-drinking-water storage tanks. The finished-drinking-water storage tanks exhibit corrosion, and the maintenance on the ground storage tank as indicated in the 2004 inspection report provided by Adirondack Engineering Services, Inc. has not been completed. The tank inspection conducted by Adirondack did not evaluate the condition and thickness of the tank roof and interior steel surfaces. The tank inspection report also stipulated that the assessment "...does not extend beyond the year 2005 without the necessary recommended cleaning, in-depth inspection, and maintenance."

Provide results of inspections for structural and coating integrity for the ground storage and hydropneumatic tanks, and provide a schedule for necessary maintenance identified during the tank inspection process. Ensure proper disinfection and bacteriological evaluations are conducted in accordance with 62-555.340, F.A.C.

Finished-drinking-water storage tanks, including conventional hydropneumatic tanks with an access manhole but excluding bladder- or diaphragm-type hydropneumatic tanks without an access manhole, shall be checked at least annually to ensure that hatches are closed and screens are in place; shall be cleaned at least once every five years to remove biogrowths, calcium or iron/manganese deposits, and sludge from inside the tanks; and shall be inspected for structural and coating integrity at least once every five years by personnel under the responsible charge of a professional engineer licensed in Florida. [Rule 62-555.350(2), F.A.C.]

All suppliers of water shall keep records documenting that their finished-drinking-water storage tanks, including conventional hydropneumatic tanks with an access manhole but excluding bladder- or diaphragm-type hydropneumatic tanks without an access manhole, have been cleaned and inspected during the past five years in accordance with subsection 62-555.350(2), F.A.C. [Rule 62-555.350(12)(c), F.A.C.]

and the familiar should be

System Name:	Chuluota Water System
PWS ID #	3590186
Date	8/29/06

<u>DEFICIENCIES</u> (continued):

whether to

9. Failure to provide security for the wells and drinking water treatment plant. The gate is broken in several locations and there is a large gap where the gate closes.

Wellheads shall be enclosed by fences with lockable access gates, housed in lockable buildings or enclosures, or otherwise protected against tampering, vandalism, and sabotage. [Rule 62-555.315(1), F.A.C.]

Drinking water treatment or pumping facilities shall be enclosed by fences with lockable access gates, housed in lockable buildings or enclosures, or otherwise protected to prevent tampering, vandalism, and sabotage. Finished-drinking-water storage facilities shall be enclosed by fences with lockable access gates, shall have lockable access openings and lockable cages or enclosures obstructing access to ladders, or shall be otherwise protected to prevent tampering, vandalism, and sabotage. [Rule 62-555.320(5), F.A.C.]

10. Failure to provide well vents on wells #1 and #2.

Should be sould be

Well pumps installed on or after August 28, 2003, except those installed under a construction permit for which the Department received a complete application before August 28, 2003, shall pump from a well that is vented to the atmosphere unless the well pump is a packer-type jet pump, the well casing also serves as well pump suction piping, the well is a flowing artesian well, there is no appreciable drawdown in the well, or the supplier of water provides justification for not venting the well to the atmosphere. All well vents shall terminate at least 12 inches above the 100-year flood elevation and, in coastal areas subject to flooding by wave action, at least 12 inches above the 100-year wave-action elevation. New or altered well vents shall be designed and constructed in accordance with Section 3.2.7.5 in *Recommended Standards for Water Works* as incorporated into Rule 62-555.330, F.A.C. [Rule 62-555.320(8)(c), F.A.C.]

Provisions shall be made for venting the well casing to atmosphere. The vent shall terminate in a downturned position, at or above the top of the casing or pitless unit in a minimum 1½-inch diameter opening covered with a 24 mesh, corrosion resistant screen. The pipe connecting the casing to the vent shall be of adequate size to provide rapid venting of the casing. [Section 3.2.7.5 in Recommended Standards for Water Works as incorporated into Rule 62-555.330, F.A.C.]

Water Treatment Plant #2

11. Failure to maintain well #3. The concrete base is broken around the pump head at well #3.

soulding to

Properly seal openings between the base and pump head to prevent contaminants from entering the well at the upper terminal.

Suppliers of water shall keep all necessary public water system components in operation and shall maintain such components in good operating condition so the components function as intended. [Rule 62-555.350(2), F.A.C.]

System Name	Chuluota Water System
PWS ID#	3590186
Date	8/29/06

DEFICIENCIES (continued):

12. Failure to provide well vents on wells #3 and #5.

Simple resolvation of them instanced

Well pumps installed on or after August 28, 2003, except those installed under a construction permit for which the Department received a complete application before August 28, 2003, shall pump from a well that is vented to the atmosphere unless the well pump is a packer-type jet pump, the well casing also serves as well pump suction piping, the well is a flowing artesian well, there is no appreciable drawdown in the well, or the supplier of water provides justification for not venting the well to the atmosphere. All well vents shall terminate at least 12 inches above the 100-year flood elevation and, in coastal areas subject to flooding by wave action, at least 12 inches above the 100-year wave-action elevation. New or altered well vents shall be designed and constructed in accordance with Section 3.2.7.5 in Recommended Standards for Water Works as incorporated into Rule 62-555.330, F.A.C. [Rule 62-555.320(8)(c), F.A.C.]

Provisions shall be made for venting the well casing to atmosphere. The vent shall terminate in a downturned position, at or above the top of the casing or pitless unit in a minimum 1½-inch diameter opening covered with a 24 mesh, corrosion resistant screen. The pipe connecting the casing to the vent shall be of adequate size to provide rapid venting of the casing. [Section 3.2.7.5 in Recommended Standards for Water Works as incorporated into Rule 62-555.330, F.A.C.]

13. Failure to maintain hydropneumatic tank sight glass in good operating condition. The sight glass needs to be cleaned or replaced.

Suppliers of water shall keep all necessary public water system components in operation and shall maintain such components in good operating condition so the components function as intended. [Rule 62-555.350(2), F.A.C.]

COMMENTS/REMINDERS:

- 14. Provide information pertaining to the status of any actions taken, or planned, in response to recommendations raised by the Hartman and Associates report dated September 24, 2004, including upgrades to the distribution system piping.
- 15. Well #1 was out of service at the time of inspection. The Department was notified on September 1 that the well pump will have to be pulled and repaired. Ensure proper disinfection and bacteriological evaluation/survey in accordance with 62-555.315(6)(a) through (e), F.A.C. prior to placing the well back in service.

No supplier of water shall alter or replace underground portions of, or abandon, any public water system well without first obtaining a permit from the appropriate water management district or delegated permitting authority if such a permit is required under Chapter 62-532, F.A.C. In addition, no supplier of water shall introduce a new source of water into any public water system; alter, or discontinue use of, any public water system components other than wells (but including well pumping equipment and appurtenances); or alter the type of chemicals being used to treat drinking water without first obtaining a construction permit or written approval from the Department if such a permit or such approval is required under subsection 62-555.520(1), F.A.C., or first submitting written notification to the Department if such notification is required under subsection 62-555.520(1), F.A.C. [Rule 62-555.350(9), F.A.C.]

System Name_	Chuluota Water System
PWS ID #	3590186
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COMMENTS/REMINDERS (continued):

Wells shall be disinfected to inactivate any microbiological contaminant that may have been introduced into the wells during construction, repair, or maintenance and to allow the true microbiological character of well water to be determined through a bacteriological survey. [Rule 62-555.315(6), F.A.C.]

Suppliers of water shall describe in monthly operation reports all emergency or abnormal operating conditions and all maintenance or repair work that involves taking out of operation public water system components other than water service lines. [Rule 62-555.350(10)(e), F.A.C.]

Well pumps installed on or after August 28, 2003 shall pump from a well that is vented to the atmosphere unless the well pump is a packer-type jet pump, the well casing also serves as well pump suction piping, the well is a flowing artesian well, there is no appreciable drawdown in the well, or the supplier of water provides justification for not venting the well to the atmosphere. All well vents shall terminate at least 12 inches above the 100-year flood elevation and, in coastal areas subject to flooding by wave action, at least 12 inches above the 100-year wave-action elevation. New or altered well vents shall be designed and constructed in accordance with Section 3.2.7.5 in Recommended Standards for Water Works as incorporated into Rule 62-555.330, F.A.C. [Rule 62-555.320(8)(c), F.A.C.]

- 16. Upon converting back to chloramines for disinfection, it will be necessary to conduct lead and copper tap sampling for two consecutive six-month periods. If the lead and copper action levels are not exceeded during the two consecutive six-month periods, the system will return to reduced monitoring.
- 17. The population served has been updated in Department records. Please note the following changes to monitoring requirements:
 - a. Five monthly distribution bacteriological samples are now required. Update and submit a copy of the coliform sampling plan.
 - b. 40 samples are required for lead and copper tap sampling (20 while on reduced monitoring). In addition, three designated sampling sites from the distribution system will be required for water quality parameters. Submit a new lead and copper tap sampling plan for review and approval prior to sampling.
- 18. Due to growth and expansion of the service area, re-evaluate the MRT sites to ensure they are representative of the distribution system and update the Disinfectant/Disinfection Byproduct Rule Monitoring Plan if necessary.
- 19. Update the permitted maximum-day operating capacities reported on MOR's. Water treatment plant #1 is permitted for 720,000 GPD, and water treatment plant #2 is permitted for 1,080,000 GPD. The combined system total is 1,800,000 GPD.
- 20. Provide the specifications for the new generator at water treatment plant# 2.
- 21. Ensure Hach CL 17 chlorine analyzers are calibrated in accordance with DEP SOP FT 1900 (copy enclosed).

System Name_	Chuluota Water System
PWS ID #	3590186
Date	8/29/06

COMMENTS/REMINDERS (continued):

- 22. The Department advises developing a plan for early detection of nitrifying bacteria activity in the distribution system to avoid water quality issues. Regular monitoring for dissolved oxygen, nitrate, nitrite, pH, and heterotrophic plate counts is advised. The Hartman and Associates report also includes recommendations under the heading "Process Issues associated with Chloramination."
- 23. Provide dates of last cleaning and inspection for all finished drinking water storage tanks. A document explaining some requirements for tank maintenance is enclosed.
- 24. Maintain *all* records on site and available for twenty-four hour inspection. This includes *complete* O&M logs, O&M Manual, Emergency Preparedness Plan, Up-to-date map of distribution system and any other records required by Chapters 62-550, 62-555, 62-560, and 62-602 of Florida Administrative Code (F.A.C.).

Monitoring Reminders:

From Each Plant

- 1. Primary Inorganics (includes nitrate and nitrite) (Due by 12/31/2006)
- 2. Secondary Contaminants (Due by 12/31/2006)
- 3. Volatile Organic Contaminants (Due by 12/31/2006)
- 4. Synthetic Organic Contaminants (2 quarters, due 9/30/2006 and 12/31/2006)
- 5. Radiologicals (Gross Alpha and Radium 228 due in 2008)

From Distribution

- 1. TTHM (Quarterly until further notice, July September 2006, October December 2006, etc...)
- 2. HAA5 (July September 2006)
- 3. Lead and Copper (Please note changes due to population size) (June September 2006)
- 4. Monthly Bacteriological (1 raw sample per well and a total of 5 distribution samples)

Early sampling is recommended. Results shall be submitted within the first ten days following the end of the required monitoring period, or the first ten days following the month in which the sample results were received, whichever time is shortest.

Inspector NA J.L.	Title	Environmental Specialist I	Date _	8/31/06
Approved by	Title	Environmental Manager	Date	9/8/06

RESPONSE FORM

Please provide any changes to the following:

PWS ID Number: 3590186 PWS Name: Chuluota Water System		-
	Owner(s) Name:	•
Mailing Address:	** W * * * *	-
Date:		
	E-MAIL ADDRESS:	
Florida Department of Environmental Protect Drinking Water Compliance/Enforcement Pro 3319 Maguire Boulevard, Suite 232 Orlando, Florida 32803 Attention: Nathan Hess, Environmental Specialist In response to the Department's Sanitary Survey Re	ion gram eport for the subject public water system dated <u>August 29, 2006</u>	<u>6</u> the
following actions were done to correct the listed defic	iencies;	
Deficiency Item No. Corrective	Action Done Date Done	
		-
		-
		•
		•
		•
		•
		-
		-
(Attach additional sheet if necessary)		•
I hereby certify to the correctness of the above inform	nation:	
		-
Name of PWS Owner/Representative:	(Please Type or Print)	-

DEP-SOP-001/01

FT 1900 Continuous Monitoring With Multi-Parameter Meters

FT 1900. CONTINUOUS MONITORING WITH MULTI-PARAMETER METERS

Use in conjunction with:

- FT 1000 General Field Testing and Measurement
- FQ 1000 Field Quality Control Requirements
- FS 1000 General Sampling Procedures
- FD 1000 Documentation Procedures
- 1. INTRODUCTION: Many facilities rely on in-line continuous measurement devices to monitor parameters such as dissolved oxygen, conductivity, pH, temperature, residual chlorine and turbidity. In order to ensure the stability and reliability of such measurements, the calibration of these instruments must be checked regularly. In cases where it is impractical to take these instruments off-line on a daily basis, use the calibration procedures described below.
- 2. CALIBRATION AND USE
- 2.1. Calibrate the instrument **before installation** using the prescribed procedures for initial calibration described in the parameter-specific SOPs (e.g., FT 1100, FT 1200, FT 1400, FT 1500 and FT 2000). For Turbidity, perform the calibration of the sensor (in the multi-probe instrument) according to the manufacturer instructions.
- 2.2. On a daily basis measure a grab sample taken at the same location as the in-line monitor. The test measurements must be taken with an instrument that has been properly calibrated per the FDEP SOPs (i.e., checked or calibrated daily).
- 2.3. Compare the results of the daily check with the continuous monitor reading taken at the same time as the sample was collected. The multi-parameter or continuous meter calibration is acceptable if the results meet the following criteria:
- 2.3.1. Dissolved Oxygen: no greater than 0.2 mg/L difference (or historically established criteria not to exceed 0.5 mg/L difference);
- 2.3.2. Specific Conductance: no greater than 10% of the calibrated instrument reading;
- 2.3.3. pH; no greater than 0.2 pH units difference (or historically established criteria not to exceed 0.5 pH units difference);
- 2.3.4. Temperature: no greater than 0.5.C difference:
- 2.3.5. Residual Chlorine: no greater than 20% of the calibrated instrument reading; and
- 2.3.6. Turbidity: no greater than 20% of the calibrated instrument reading. Higher acceptance ranges may be considered by FDEP on a case-by-base basis. The FDEP Environmental Assessment Section will help in preparing a suitable study design.
- 2.4. Perform the initial calibration (per section 2.1 above) each time the instrument is taken offline, after every preventative maintenance activity, and **immediately** after determining that any of the criteria checks in 2.3.1 through 2.3.6 above are not met.
- 3. See FT 1000, section 2.2 for specific quality control measures that must be observed.
- 4. If historically generated data demonstrate that a specific instrument remains stable for longer periods of time, the time interval between initial calibration and calibration checks may be increased.
- 4.1. All acceptable field data must be bracketed by acceptable checks (see section 2.3 above). Qualify data that are not bracketed by acceptable checks (see FT 1000, section 2.2.6).

DEP-SOP-001/01 FT 1900 Continuous Monitoring With Multi-Parameter Meters

- 4.2. The maximum time interval is one month or at the conclusion of a sampling event, whichever is less.
- 4.3. Base the selected time interval on the shortest interval that the instrument maintains stability.
- 4.4. If an extended time interval is used, and the instrument consistently fails to meet the final calibration check:
- 4.4.1. The instrument may need maintenance to correct the problem; or
- 4.4.2. The time period is too long and must be decreased.
- 4.5. Retain all data associated with studies that support a decreased frequency of calibration checks for at least five years after the procedure was last used.
- 5. PREVENTIVE MAINTENANCE: Refer to FT 1000, section 3.
- 6. RECORDS
- 6.1. Record all information specified in the individual SOPs.
- 6.2. Document the daily checks by recording:
 - Date
 - Time
 - Location
 - Reading from the continuous monitor
 - Reading from the second instrument
 - The name of the person conducting the check
- 6.3. Where applicable, calculate and record the percent difference of the results being compared. Indicate the acceptability of the check per criteria in section 2.3

FINISHED-DRINKING-WATER STORAGE TANK CLEANING AND INSPECTION

Provide documentation of cleaning and inspection for finished water storage tanks.

Accumulated sludge and bio-growths shall be cleaned routinely (i.e., at least annually) from all treatment facilities that are in contact with raw, partially treated, or finished drinking water and that are not specifically designed to collect sludge or support a bio-growth; and blistering, chipped, or cracked coatings and linings on treatment or storage facilities in contact with raw, partially treated, or finished drinking water shall be rehabilitated or repaired.

Finished-drinking-water storage tanks shall be checked at least annually to ensure that hatches are closed and screens are in place; shall be cleaned at least once every five years to remove bio-growths, calcium or iron/manganese deposits, and sludge from inside the tanks; and shall be inspected for structural and coating integrity at least once every five years by personnel under the responsible charge of a professional engineer licensed in Florida. [Rule 62-555.350(2), F.A.C.]

All suppliers of water shall keep records documenting that their finished-drinking-water storage tanks, including conventional hydropneumatic tanks with an access manhole but excluding bladder- or diaphragm-type hydropneumatic tanks without an access manhole, have been cleaned and inspected during the past five years in accordance with subsection 62-555.350(2), F.A.C. [Rule 62-555.350(12)(c), F.A.C.]

Provide documentation showing proper disinfection following cleaning and/or inspection of the finished-drinking-water storage tank.

Before new or altered storage facilities and storage facilities taken out of operation for repair or maintenance that might lead to contamination of water are placed into, or returned to, operation, they shall be properly disinfected in accordance with American Water Works Association (AWWA) Standard C652. [Rule 62-555.340(1), F.A.C.]

<u>Note</u>: Disinfection methods allowing discharge of the initially heavily chlorinated water that may contain various chlorinated organic compounds into the distribution system are discouraged. It is advised that the free chlorine residual in the storage facility be reduced to a concentration appropriate for distribution by completely draining the storage facility and refilling with potable water.

Prior to disposal of heavily chlorinated water from the tank disinfection process, the environment into which the chlorinated water is being discharged shall be inspected, and if there is any likelihood that the chlorinated discharge will cause damage, then a reducing agent shall be applied to the water to be wasted to thoroughly neutralize the chlorine residual in the water. Federal, state, or local environmental regulations may require special provisions or permits prior to disposal of highly chlorinated water. The proper authorities should be contacted prior to disposal of highly chlorinated water.

Provide results of a bacteriological evaluation following disinfection.

Bacteriological evaluations to verify proper disinfection of storage facilities shall be conducted. A total of at least two samples -- each taken on a separate day and taken at least six hours apart from the other sample(s) -- shall be collected at each of the locations indicated in the applicable AWWA standard. The chlorine residual in the facilities shall be no more than four milligrams per liter. Samples containing more than four milligrams per liter of total chlorine shall be considered invalid. [Rule 62-555.340(2)(a), F.A.C.]

If any sample shows the presence of total coliform, the facilities shall be redisinfected and resampled until two consecutive samples at each sampling location show the absence of total coliform. [Rule 62-555.340(2)(b), F.A.C.]

Bacteriological test results shall be considered unacceptable if the tests were completed more than 60 days before the Department received the results. [Rule 62-555.340(2)(c), F.A.C.]

FINISHED-DRINKING-WATER STORAGE TANK CLEANING AND INSPECTION

Page 2 of 2

Except as allowed under the next paragraph and except as allowed under special construction permit conditions established in accordance with paragraph 62-555.533(2)(f), F.A.C., no disinfected storage facilities shall be placed into, or returned to, operation until a bacteriological evaluation has been satisfactorily completed, results of the evaluation have been submitted to the appropriate Department of Environmental Protection (DEP) District Office, and said DEP District Office has approved the facilities for operation. [Rule 62-555.340(3), F.A.C.]

When constructing or altering storage facilities, for which a public water system construction permit is not required per subsection 62-555.520(1), F.A.C., and when taking storage facilities out of operation for repair or maintenance that might lead to contamination of water, the facilities may be placed into, or returned to, operation without the Department's approval after disinfection and satisfactory completion of a bacteriological evaluation. The results of the bacteriological evaluation shall be submitted to the appropriate DEP District Office along with the next monthly operation report(s), or if no monthly operation report is required, within ten days after the end of the month during which the bacteriological evaluation was completed. [Rule 62-555.340(4), F.A.C.]

Ensure proper notification to affected customers and the Department.

Suppliers of water shall notify affected water customers in writing or via telephone, newspaper, radio, or television by no later than the previous business day before taking public water system (PWS) components out of operation for planned maintenance or repair work if the work is expected to adversely affect finished-water quality or interrupt water service to any service connection. [Rule 62-555.350(10)(d), F.A.C.]

Suppliers of water shall telephone, and speak directly to a person at, the appropriate DEP District Office by no later than the previous business day before taking PWS components out of operation for planned maintenance or repair work if the work is expected to adversely affect finished-water quality, interrupt water service to 150 or more service connections or 350 or more people, interrupt water service to any one service connection for more than eight hours, or necessitate the issuance of a precautionary "boil water" notice in accordance with the Department of Health's (DOH) "Guidelines for the Issuance of Precautionary Boil Water Notices" as adopted in Rule 62-555.335, F.A.C. [Rule 62-555.350(10)(d), F.A.C.]

Suppliers of water shall issue precautionary "boil water" notices as required or recommended in the DOH's "Guidelines for the Issuance of Precautionary Boil Water Notices" as adopted in Rule 62-555.335, F.A.C. [Rule 62-555.350(11), F.A.C.]

Suppliers of water shall describe in the monthly operation reports all emergency or abnormal operating conditions and all maintenance or repair work that involves taking out of operation public water system components other than water service lines. [Rule 62-555.350(10)(e), F.A.C.]

Suppliers of water shall describe in the operation and maintenance logs all emergency or abnormal operating conditions and all maintenance or repair work that involves taking out of operation public water system components other than water service lines. [Rule 62-555.350(10)(e), F.A.C.]



Aqua Utilities Florida, Inc. 1100 Thomas Avenue Leesburg, FL 34749-0310 T: 352.787.0980 F: 352.787.6333 www.aquautilitiesfiorida.com

October 23, 2006

Kim Dodson
Environmental Manager
Drinking Water Compliance and Enforcement
Florida Department of Environmental Protection
Central District
3319 Maguire Blvd., Suite 232
Orlando, FL 32803-3767

RE: Reply to Sanitary Survey Chuluota Water System PWS IS No. 3590186 SeminoleCounty

Dear Mrs. Dodson:

The purpose of the correspondence is to provide a written response as requested in your September 7, 2006 letter regarding the public water system sanitary surveyconducted at the referenced facility.

Deficiencies:

1. Failure to comply with the maximum contaminant level (MCL) for total trihalomethanes (TTHMs). Treatment process approved as corrective action for MCL violations of TTHMs have been taken offline.

Response:

The chloramination system was taken offline to address severe black water conditions in portions of the distribution system. Aqua Utilities Florida (AUF) initially hired Tetra-Tech (Hartman and Associates, Inc.) to evaluate the system and make recommendations, one of which was to remain on free chlorine if possible. Now that the system has exceeded the TTHM MCL, AUF has hired Boyd Environmental Engineering to design new chloramination facilities for the well stations to address TTHM formation while minimizing the risk of creating black water conditions in the distribution system.

2. Failure to obtain written approval from the Department for discontinuing use of ammonia feed facilities. The Department was notified of the temporary conversion to

free chlorine to address water quality issues in the distribution system in July 2004. The conversion to chloramines was cleared in August 2000 as corrective action for MCL violations of TTHMs.

Response:

AUF hesitated to go back to chloramine disinfection due to the experience with black water problems in July 2004. Beginning in 2005, AUF operation staff worked with the free chlorine system and the operation of the distribution system in an effort to try to keep TTHMs below the MCL while maintaining water quality in the distribution system. Unfortunately, these efforts could not maintain the TTHMs below the MCL, and AUF has hired Boyd Environmental Engineering to redesign the disinfection system.

3. Failure to implement a cross-connection control program.

Response:

AUF has a Cross Connection Control Program. A copy of the program has been sent to the operator for reference. AUF is in the process of purchasing software to maintain records of each backflow device. This will allow AUF to send letters to customers requiring the customer to have their backflow device tested and a record sent to AUF.

4. Failure to provide an audio-visual alarm system for standby power.

Response:

AUF has SCADA installed at both plants that sends a page to the operator when a power loss occurs, when the generator turns on (even during exercising), when the generator turns off and the plant returns to normal power, for low pressure, etc.

5. Failure to provide an operation and maintenance manual.

Response:

AUF has instituted a program to ensure that all required records will be kept at the plant available for inspections and use by operators and staff. Once the system design is complete, an updated O&M manual will be kept onsite.

6. Failure to provide totalizing flow meters to measure the net quantity of finished drinking water.

Response:

Finished water meters are installed at Plant #2. Finished water meters will be installed at plant #1 within 180 days of this letter.

7. Failure to properly store and/or remove unused ammonium hydroxide.

Response:

Dumont Chemical Company has removed the unused ammonium hydroxide. The storage areas will be brought into compliance before chemicals are stored again.

8. Failure to maintain finished-drinking-water storage tanks.

Response:

MKT Engineers, Inc. inspected the tank in question earlier this year. A copy of the letter and drawings referenced in the letter are attached. Also, AUF is currently taking bids from contractors to do the referenced work plus additional work to recondition the storage tank. A copy of the bid sheet is also included. See attachment # 1.

9. Failure to provide security for the wells and drinking water treatment plant.

Response;

The wooden gates will be repaired no later than 60 days from the date of this letter.

10. Failure to provide well vents on wells #1 and #2.

Response:

Vents have been installed elbowed down and screened.

11. Failure to maintain well #3.

Response:

The concrete base has been repaired.

12. Failure to provide well bents on wells #3 and #5.

Response:

Vents have been installed elbowed down and screened.

13. Failure to maintain hydropneumatic tank sight glass in good operating condition.

Response:

The sight glass will be replaced within 30 days from the date of this letter.

Comments/Reminders: (which require response)

14. Provide information pertaining to the status of any actions taken, or planned, in response to recommendations raised by the Hartman and Associates report dated September 24, 2004, including upgrades to the distribution system piping.

Response:

The Hartman and Associates study, as stated in their report, was initiated as a result of the overwhelming customer complaints of black water and hydrogen sulfide taste and odors. AUF operation staff worked with the free chlorine system to try to keep TTHMs below the MCL while maintaining water quality. Some goals of the report have been met as evidenced by the fact that AUF has received few customer water quality complaints of any kind (not just black water or taste and odor incidents) from Chuluota customers. AUF understands that additional work is necessary to bring the system into compliance with the TTHM MCL, and has engaged Boyd Environmental Engineering for this purpose.

15. Well #I was out of service at the time of inspection.

Response:

Well #1 was sampled properly and the results were faxed to the Central District FDEP. The well was placed back into service on October 3, 2006.

18. Due to growth and expansion of the service area, re-evaluate the MRT sites to ensure they are representative of the distribution system and update the Disinfectant/Disinfection Byproduct Rule Monitoring Plan if necessary.

Response:

The DBP monitoring plan will be reviewed and updated if necessary as part of the design of modifications to the disinfection system at the well stations.

Update the permitted maximum-day operating capacities reported on MOR's.

Response:

This has been corrected on the MOR.

20. Provide the specifications for the new generator at water treatment plant #2.

Response:

A copy of the specifications is enclosed. See attachment # 2.

22. The Department advises developing a plan for early detection of nitrifying bacteria activity in the distribution system to avoid water quality issues.

Response:

The water quality issues will be addressed in Boyd Environmental Engineering's design plan.

23. Provide dates of last cleaning and inspection for all finished drinking water storage tanks.

Response:

The tank at plant # 1 was inspected and cleaned in August 2005. The tank at plant # 2 was inspected and cleaned in December 2005. Both reports from Extech, LLC are enclosed. See attachment # 3.

If you have any questions, please contact me at (352) 787-0980. Thank you.

Sincerely,

AQUA UTILITIES FLORIDA, INC.

Patrick A. Farris

Compliance Specialist

Patrick Jains

Attachments



MKT ENGINEERS, INC.

407.628.8555

(F) 407.644.6518

e-mail: mktengineers@gmail.com

KISHORE D. TOLIA, P.E.

February 24, 2006

Mr. Brian Heath Aqua Utilities Florida, Inc. P.O. Box 490310 Leesburg, Florida 34749

RE: CHULUOTA WATER PLANT NO. 1 7th STREET RESERVOIR, CHULUOTA, FL MKT PROJECT NO. 05332

Dear Mr. Heath:

As authorized by your company, we have inspected and have reviewed condition of above-mentioned tank. With your approval, we had retained Extech LLC of Charlotte, North Carolina to inspect the tank with robotics and visual inspection. You have received their report. Based on their inspection report and our own inspection, we conclude that the tank is structurally sound. There are some pits, and rust appears at various locations. We need to take some corrective measures. These are shown in our structural drawings, which will be forwarded to you next week.

It is our professional opinion that the tank is structurally sound, other than few corrective steps outlined in our drawings.

Please do not hesitate to call us if we can answer any other questions.

Sincerely,

MKT Engineers, Inc.

Kishere D. Tolia

date

Professional Engineer No. 18092

State of Florida

KDT:lav

cc: Boyd Env. Eng.

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Fax Transmision

To: From: AQUA Utilities Florida Inc,
Reference Rehabilitation of Ground Water Tank of Chukuola #1 Pages 1

1 Demolition 1.1 Remove screen enclosure including roof panels above aerator anclosure, posts, beams and bracing members 1.2 Remove Curb Plate 1.3 Remove Hand Rails, Posts and Kick Plates. (Keep ladder rungs and cage intact, take care not to damage ladder cage when taking out hand rails) 1.4 Remove Roof Plates from Top of entire tank. (Take care not to damage tank shell walls) 1.5 Refurbished Aerator Assembly, (Take out aerator as needed and clean out thouroughly before applying coetings, as show in draws) 2 Repair 2.1 Bast clean all structural members (coits, beams, plate shell interior and baffle walls.) 2.2 Examine all berns and all members thoroughly. If localized area that LS 1 has holes or pits wich indicate more than 50% of metal loss. Add reinforcing plate as show in "Typical repair detail" 2.3 Prime all surfaces 2.4 Coat all surfaces using Themec Hi- build paint 3.6 Reinstall Aerator Assembly, If it was previous taked out 3.7 Reinstall Roof Plates from Top of entire tank. 3.8 Reinstall Roof Plates from Top of entire tank. 3.9 Reinstall Curb Plate 3.5 Reinstall screen enclosure including roof panels above aerator 1.5 In place in the plate including roof panels above aerator 1.5 In place in the plate including roof panels above aerator 1.5 In place in the plate including roof panels above aerator 1.5 In place in the plate including roof panels above aerator 1.5 In place in the plate including roof panels above aerator 1.5 In place in the plate including roof panels above aerator 1.5 In place in the plate in the plate including roof panels above aerator 1.5 In plate in the	t N1	ruluota Plant N1	Tank (Bid Sheet for Rehabilitation of Ground Water	_
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Sincerely yours

AQUA Utilities Florida Inc.

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Aqua Utilities Florida, Inc
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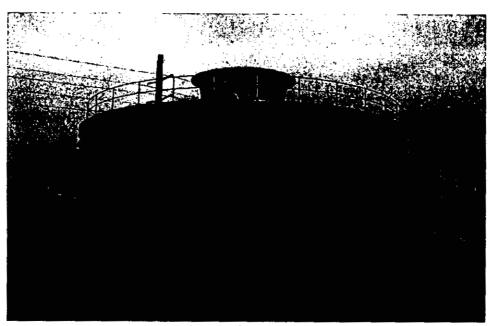
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WATER TANK INSPECTION REPORT

Prepared for

Aqua Utilities Florida Longwood, Florida

Chuluota Plant 300,000 Gallon Concrete Reservoir



December 2005



4801 Lindstrom Drive Charlotte, North Carolina 28226 Tel: (704) 543-7940 Fax:(704) 543-7940) www.extechllc.com

INTRODUCTION

On December 19th & 20th, 2005 an Extech inspection team performed an interior/exterior condition assessment of one concrete reservoir for Aqua Utilities Florida. The tank bottom was also cleaned of silt deposits during this project. The tank inspected during this period is identified as the:

Chuluota Water Treatment Plant: 300,000-Gallon Concrete Reservoir

The inspection and cleaning were conducted to satisfy State of Florida's 5-year inspection requirement, establish the current condition of the structure, remove any solids/precipitates accumulated on the bottom and to identify any physical defects that may have developed since construction. The storage tank was inspected in accordance with the latest version of ANSI/AWWA D110-86/95 AWWA Standard for Wire and Strand-Wound, Circular, Prestressed Concrete Water Tanks, AWWA D101-53 (86R) standard for water tank inspections, the M42 AWWA Tank Guidance Manual and State of Florida guidelines. All work was performed in accordance with applicable AWWA, NSF, EPA, OSHA Codes and Standards. A two-man crew consisting of a NACE Certified Coatings Inspector and a qualified assistant performed the inspection.

The interior tank inspection was conducted with the use of a remotely operated vehicle (ROV) dubbed the TankRover. Extech developed the use of this specially modified ROV for water tank inspections in 1996. We are not only the original pioneers of this application, but continually innovate to improve our services for our valued customers. When using the TankRover, no special preparation, no additional disinfection nor any downtime is required.

The TankRover is equipped with several accessories to perform the various functions called out in the scope of work. A rotating surface-cleaning tool is used to remove loose rust or debris on vertical surfaces in order to view the potential metal loss under the coating. A color-coded sediment stick is used to determine silt depth on the tank's bottom. The unit has high-powered thrusters, which are used to maneuver throughout the tank and are angled up & away from the floor so as to disturb as little bottom sediment as possible.

The reservoir bottom was cleaned with the VR600 crawling ROV. It is equipped with an on board pump that vacuumed the floor clean of deposits and discharged the debris into a nearby settling pond.

All of the equipment used for the robotic inspection/cleaning was disinfected in accordance with AWWA C652 using a 200-ppm chlorine solution prior to insertion into the water storage vessels.

The exterior portions of the tank was inspected by walking the roof and shell portions that were accessible from the vertical ladder, and portions that could be inspected from the tank's base. The objectives of the assessment were to accomplish the following;

- > Perform field inspections and tests to assess the structural and coating integrity of the tank.
- > Review the safety compliance of tank ladders and access.
- > Review sanitary conditions and protection.
- > Provide recommendations for rehabilitation.

EXECUTIVE SUMMARY

The condition and recommendations for this potable water storage tank are briefly summarized in this section. For detailed information regarding the individual tank conditions and specific recommendations, please refer to the section so designated.

This reservoir is in good condition overall. The exterior coating is fairly new and holding up well. Settlement/shrinkage cracks are static as far as we can tell. There was no efflorescence noted in the interior and no concrete spall was reported anywhere. Only a dusting of silt was on the tank bottom outside the baffle curtain enclosure prior to vacuuming. The majority of deposits were captured within the baffle curtain enclosure and averaged about two inches deep. The baffle curtain enclosure itself is in good condition with no rips or tears noted.

Sanitary checkpoints, which include all vents and openings in the vessel, were up to par. Eyebrow overflow screens and the central vent is in good condition. The hatch complies with AWWA recommendations.

Safety features for working on or around the reservoir were found to be OSHA compliant. The entire perimeter of the roof is surrounded with aluminum tube safety railings Each ladder, both interior and exterior is equipped with a fall arrest system. They are also in compliance with OSHA design requirements.

Visibility was extremely poor due to the cloudiness of the water, which hampered the inspection and cleaning processes. Since this reservoir needs to remain in uninterrupted service, our recommendation is to have a filtration system installed to decrease turbidity. Our only other recommendation is to take a close look at the cracks mentioned in this report at the next five-year inspection to monitor any change.

DETAILED OBSERVATIONS

Interior and exterior photographs provided in the report were developed from a digital camera and were captured in digital format from the interior videotape. The interior images are as clear as our printing technology will allow. The interior video-snaps in the report provide a reference for our comments. Keep in mind that the videotape provides the greatest detail and should be viewed as part of the report. Whenever possible, each video-snap (VS) is marked with the time stamp from the videotape. This allows the reader to easily view the original footage for each feature.

Narration on the videotape is done in the field and some of the comments may be different than the written report. The written report is the official document and contains the formal opinion of Extech.

Chuluota 300,000-Gallon Concrete Reservoir

This reservoir is a 300,000-gallon pre-stressed concrete water storage tank 24 feet high and 50 feet in diameter. Crom Tank of Florida built the reservoir in 2002. A wide-angle view of the tank's east side is shown in digital photograph DP#01. The tank has a self-supported dome roof with no interior columns. The dome is equipped with three eyebrow overflows in addition to a roof vent. One 44" X 36" fiberglass hatch provides interior access through the roof. There is one rectangular 55" X 20" manway at grade level. Digital photograph DP#12 shows the manhole on the south side of the reservoir.

EXTERIOR

Roof

The tank roof has a textured brush finish with a protective/decorative coating. It is in good condition with no spalling or significant cracking. Digital photograph DP#04 is a general view of the roof's south quadrant. The coating exhibits a little weathering, but otherwise is intact. The roof top aeration system, shown in DP#03 provides constant moisture around its base. Some mold and mildew staining is inevitable. Digital photographs DP#06 & DP#07 show examples of this condition. Only a few of the usual hairline surface cracks were visible. The glove in DP #08 highlights one surface crack, that was a little wider.

. Shell

The coating on the tank shell is in similar condition as on the roof. The usual hairline cracks in the shotcrete are present with a low frequency of occurrence. Digital photographs DP#13 and DP#14 show these typical surface cracks. The area shown in digital photograph DP#15 was photographed because of the rust colored spots along the crack. The concern is if reinforcing wire is exposed and starting to expand due to corrosion. This could cause concrete spall if left unattended. We believe these cracks are basically superficial and only on the surface of the shotcrete. The tank shell is devoid of any areas of streaming efflorescence that would indicate water flow, nor is there any evidence of past leaks or cracks that have self-sealed.

Overflow

Overflow events are handled by the three "eyebrow" openings distributed around the perimeter of the dome. The eyebrow overflows were found to be in good condition. There were no large cracks or chips noted. All three openings had fine mesh bug screens that were in good repair. Digital photograph DP#09 shows the typical condition observed on these openings.

Vents

The tank is equipped with a 60-inch diameter fiberglass domed vent in addition to the eyebrow openings mentioned above. It is visible to the left of the rooftop tray aeration system in digital photograph DP#04. Under the mushroom cap is a cylindrical riser that is fitted with fine mesh screens. A close-up showing the good condition of the screens appears in DP#05.

Foundation

The tank foundation is in good condition. There was no evidence of structural cracks or leakage. Encroaching vegetation does not appear to be a problem. Representative photos of this can be seen in DP#12 and DP#16.

Ladders/Railings

The shell ladder is constructed of aluminum tubing. The ladder step-off onto the roof is shown in digital photograph DP#10. It is equipped with a rail type fall arrest system. The ladder, which extends to grade level, is equipped with a locked anti-climb deterrent. These are visible in DP#11. The ladder measures 18 inches wide, with a standard 12 inches between rungs and 10 inches of toe kick space. The roof perimeter is enclosed with 2-inch aluminum tube safety railings. They are visible in the background of many of the roof photos. The railings measured 45 inches high with a center rail and 6-inch high aluminum plate toe board.

INTERIOR

The interior of the tank was accessed through the single 44" X 36" hinged hatch equipped with a locked hasp to provide security. The hatch is mounted on a 6-inch sanitary curb and the cover itself has a rubber gasket. This is more readily visible in digital photograph DP#10.

The water level during the inspection was consistently 5 feet below the overflow level. The tank level gauge shows a maximum fill level of 20.0 feet.

Roof (ceiling)

The general condition of the interior roof is very good. Digital photographs numbered DP#18 through DP#20 show various portions of the interior roof. No surface cracks or efflorescence was observed. In all of these photos you can see the impressions made from the wood forms. Rusted form tie ends were noted in a few areas of the roof, but do not seem to be an issue at this time. However, they may provide a starting point for spall in the future.

Digital photograph DP#19 also shows the left and right inlet tubes from the rooftop tray aeration system. In between the two tubes is the supply pipe for the aeration system. Light surface corrosion is present on these fittings.

Baffle Curtain Enclosure

Digital photographs DP#21 through DP#24 were taken in sequence looking from the left and moving to the right. Various components of the baffle curtain enclosure above the waterline appear in these photos. The anchors in the dome and the cables that hold the top edge of the curtains have moderate surface corrosion on them. The framing for the edges of the curtains appear to be constructed of stainless steel angle, but some of the fasteners may be zinc plated. Video-snap VS#05 shows one of the inside corners at the bottom the enclosure after the floor was vacuumed clean. A representative condition of the baffle curtains is depicted in video-snap VS#11. One of the outside bottom fasteners is shown in video-snap VS#12 on the north side of the baffle enclosure.

Ladders

The interior ladder is of FRP construction and is equipped with a rail type fall arrest system. All anchor brackets were found to be in good condition. A section of the interior ladder can be see in digital photograph DP#17 next to the level float array. The aluminum fall arrest rail has a light build-up of surface corrosion. The base connection of the ladder to the floor is shown in video-snap VS#08.

Shell

The upper concrete walls, above the normal water line and in the fluctuation zone are in good condition. The general condition observed was like that depicted in digital photographs DP#18 and DP#20.

Below the water line, the ROV had to hug the wall pretty close due to the visibility through the water. A good representative shot of the shell condition, in the submerged zone, is represented by video-snap VS#09. The concrete is in good condition with no evidence of spalling or active corrosion cells.

Floor

The shell wall to floor intersection was surveyed around the entire circumference and no visible defects were noted. *Inside* the baffle curtain enclosure the average depth of sediment deposits was two inches. The floor area *outside* the baffle curtain enclosure had a very light sediment accumulation that amounted to just a dusting. Video-snap VS#01 shows the area directly in front of the west panel of the baffle enclosure. Our first look of the accumulation just inside the baffle enclosure appears in video-snap VS#03. Examples of cleaned areas of the floor are shown in video-snaps VS#05 and VS#06. The texture of the concrete is readily visible during various portions of the video.

Inlet/ Outlet/Drain

This tank has separate inlet and outlet piping. The two inlets for the processed water are visible in the roof of digital photographs DP#19. In between the two large diameter pipe stubs is the supply pipe for the rooftop tray aeration system. The outlet could not be located where it was thought to be. The floor drain was located on the opposite side directly across from the access hatch as shown on the blue prints. A video-sap through the VR600's camera is captured by VS#07.

RECOMMENDATIONS

Continue with the maintenance program currently in place. Hairline cracks should be monitored to see if they widen or change. The reservoir should be scheduled for inspection once again in five years.

NACE Certified Coating Inspector #5796

Roy R. Collins

GLOSSARY OF TERMS

ADHESION: State in which two surfaces are held together by interfacial forces, which may consist of valence forces or interlocking action or both AGGREGATE: Granular material, such as sand, gravel, crushed stone, crushed hydraulic-cement concrete, or iron blast-furnace slag used with a hydraulic cementing medium to produce either concrete or mortar.

BUGHOLES: Small regular or irregular cavities, usually not exceeding 15 mm in diameter, resulting from entrapment of air bubbles in the surface of formed concrete during placement and compaction.

CHEMICAL ATTACK: Decomposition of a coating or concrete due to the action of a chemical.

CONTRACTION JOINT: Formed, sawed, or tooled groove in a concrete structure to create a weakened plane and regulate the location of cracking resulting from the dimensional change of different parts of the structure.

DISBONDMENT: The loss of adhesion between a coating and the substrate.

EFFLORESENCE: A white crystalline or powdery deposit on the surface of concrete. Efflorescence results from leaching of lime or calcium hydroxide out of a permeable concrete mass over time by water, followed by reaction with carbon dioxide and acidic pollutants.

FINISH: The texture of a concrete surface after compaction and finishing operations have been performed.

GROUT, GROUTING: A plastic mixture of cementitious materials and water used as filler for cracks, or other void spaces, in concrete surfaces to be coated.

HONEYCOMB: Voids left in concrete due to failure of the mortar to effectively fill the spaces among coarse aggregate particles.

HYDRAULIC, HYDROSTATIC PRESSURE: A force exerted on the concrete/coating interface due to the level of the ground water.

ISOLATION JOINT: A separation between adjoining parts of a concrete structure.

LAITANCE: A thin, weak brittle layer of coment and aggregate fines on a concrete surface. The amount of laitance is influenced by the degree of working or the amount of water in the concrete.

OSMOTIC PRESSURE: A force exerted on the concrete /coating interface through the capillaries in the concrete due to a moisture differential across the coating.

PINHOLES: Film defect characterized by small pore-like flaws in a coating, which extend entirely through the applied film and have the general appearance of pinpricks, fine holes, or voids when viewed by reflected light.

PLASTIC CRACKING, PLASTIC SHRINKAGE CRACKING: Cracking that occurs in the surface of fresh concrete soon after it is placed and while it is still plastic,

POROSITY, SURFACE POROSITY: The ratio usually expressed as a percentage, of the volume of voids in a material to the total volume of the material, including the voids.

PROFILE, SURFACE PROFILE: Surface contour as viewed from the edge.

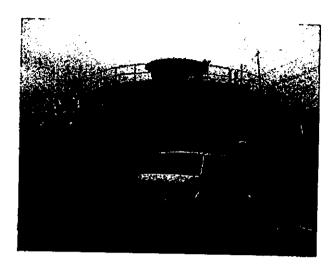
REFLECTIVE CRACKING: Cracking that develops in a coating directly over a dynamic crack in concrete.

SEALANT, JOINT SEALANT: Compressible material used to exclude water and solid foreign materials from joints.

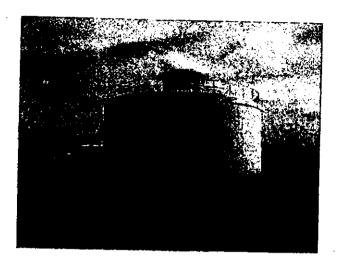
STATIC CRACKS: A crack in the concrete surface whose width does not change.

VAPOR BARRIER: Waterproof membrane placed under concrete floor slabs that are placed on grade.

Appendix A Digital Photographs



DP#01.JPG
General view of east side of the 300,000-gallon concrete clearwell at the Chuluota Plant.



DP#02.JPG Wide-angle view of the west side of the 300K-gallon concrete reservoir.



DP#03.JPG
Roof top tray aeration system on top of the reservoir.
All screens are in good condition.



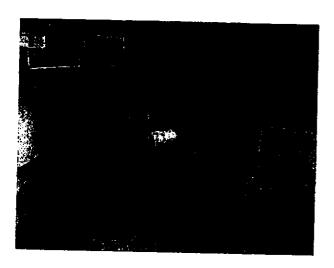
DP#04.JPG
General view of west side of roof with roof vent to the right and eyebrow overflow to the left.



DP#05.JPG
Close-up of roof vent showing good condition of fine mesh bug screen panels.

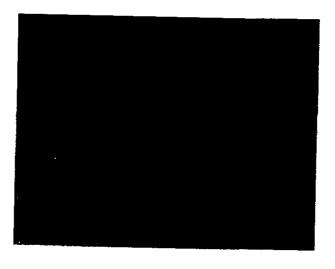


DP#06.JPG
Northeast side of roof - general view. Note mold on surface next to the tray aeration system.



OP#07.JPG

Bottom of tray aeration system and drain pipe observed on the west side of the roof.



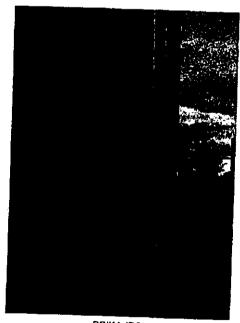
DP#08.JPG
Shrinkage crack on the surface of the roof clockwise from the hatch area.



DP#09.JPG
One of three eyebrow overflow openings. Condition typical of all with good screens. Railing los kick in foreground.



DP#10.JPG
Wide-angle view of ladder step-off onto roof in front of the access hatch.



DP#11.JPG
Bottom half of shell ladder with lockable anti-vandal guard.



DP#12.JPG
Single grade level manhole located on the south side.
Measures approximately 55" X 20".

Chuluota Plant





VS #1. Showing "edge" of sediment deposits that the VR600 cleaner is cutting a path through. Area on outside of baffle curtain facing east. (Time: 2:15)



VS #2. Wanted to show the gas bubbles being released from the deposits as the rotating brush breaks up the solids. (Time: 3:10)



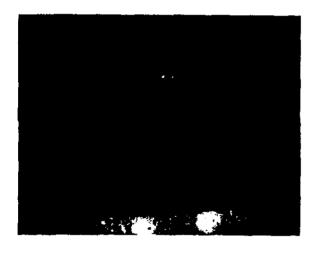
VS #3. First look at accumulation as we entered the baffle curtain enclosure. (Time: 8:16)

Chuluota Plant

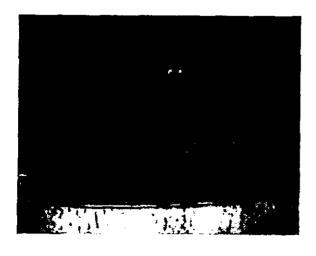


300K Reservoir

VS #4. Area in front of central inlet pipe that shows silt depth (on left side of frame) compared to cleaned floor (on right side of frame). (Time: 14:58)



VS #5. Good view of concrete floor that has been cleaned inside corner of baffle curtain enclosure. (Time: 18:18)



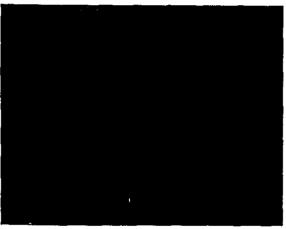
VS #6. Another area inside the baffle enclosure where the cleaned area (with staining) is contrasted with the deposits yet to be vacuumed out. (Time: 19:15)

Chuluota Plant

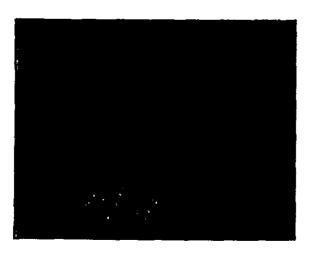


300K Reservoir

VS #7. View of floor drain on the west side of the tank behind the baffle enclosure. (Time: 26:51)



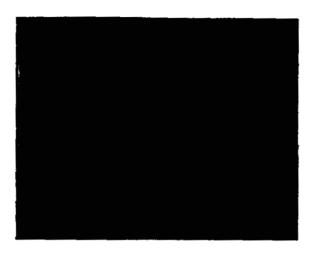
VS #8. Base of ladder and floor showing just a dusting of resettled particulates. (Time: 30:43)



VS #9. Wide-angle view of shell wall at 10-feet below the waterline condition typical of interior shell. (Time: 40:49)

Chuluota Plant

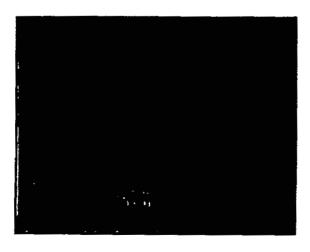
300K Reservoir



VS #10. Cleaned area along side base of the baffle curtain showing SS angle fastener to floor. (Time: 54:40)



VS #11. General view of the baffle curtain: typical condition found on all panel s/sides. (Time: 59:20)



VS #12. Area on outside of north baffle curtain panel shows bottom fastener and cleaned floor. (Time: 1:04:49)

WATER TANK INSPECTION REPORT

Prepared for

MKT Engineers Aqua Utilities Flaorida Of the 7th Street Reservoir Chuluota, FL



August 22, 2005



490 Industrial Park Road

Deep River, CT 06417

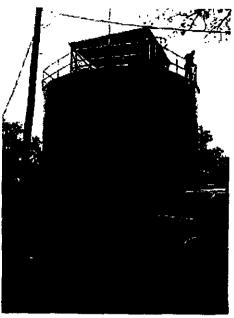
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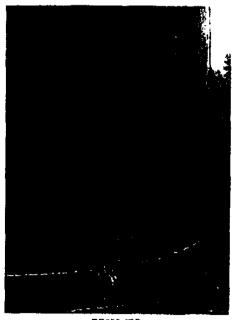
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DP#01.JPG
Northeast view of the 100K gallon ground reservoir
7th Street - Chuluota, FL



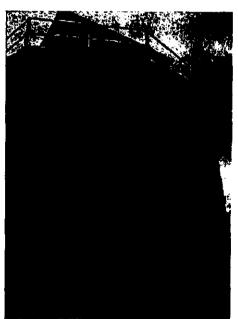
DP#02.JPG Southwest view of the 7th Street ground reservoir.



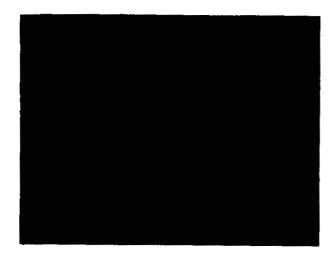
DP#03.JPG

Botton of shell ladder with safety cage and fall arrest system.

The single shell grade manhole is also in view.

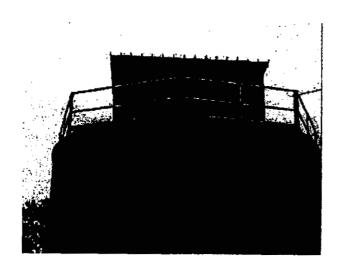


DP#04.JPG Localized corrosion on the East shell third course.



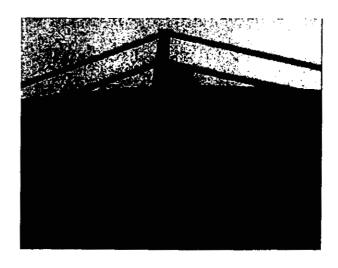
DP#05.JPG Isolated corrosion area on the South side second shell course.

DP#06.JPG
Pipe penetrations on the bottom shell course - North side.



DP#07.JPG

View of the roof top tray aeration enclosure as seen from the ground. Also overflow pipe stub below rain drip.



DP#08.JPG
Zoom shot of the shell overflow opening on the North side. Bug screen is in good repair.



DP#09.JPG
Area near base chine where coating repair was done in the past.



DP#10.JPG
Base flange has no flexible grout to seal and protect the edge against corrosion.



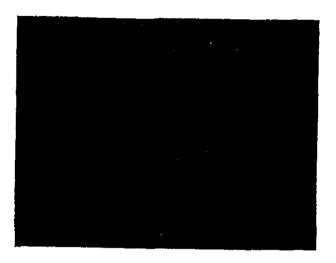
DP#11.JPG
Example of layer corrosion on the base flange.
Approximately 3 foot long area.



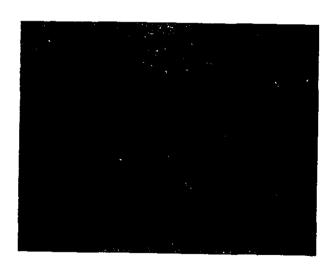
DP#12.JPG
East side roof plates and safety railing. Concentrated corrosion on the plates from rough profile of the surface.



DP#13.JPG
Close-up of patch plate area on East side roof deck.
Oxidized steel was all that was left under the coating square.



DP#14.JPG Localized pitting on the South side roof deck. Depth of pit was only 0.085*



DP#15.JPG
North side roof deck area localized pitting.
Deepest pocket was 0.135*.



DP#16.JPG
Another area on the South side roof deck.
Deepest pitting here was 0.120*

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DP#17.JPG
Area In front of tray aeration enclosure door with heavy pitting from the past.



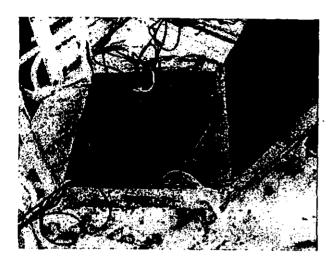
DP#18.JPG
Pit depth gauge is showing a deep pit that measures 0.250°.
Area in front of screen door seen in DP#17.



DP#19.JPG
General view of the North side roof deck with vent opening.



DP#20.JPG
Close-up showing bug screen material over the vent pipe opening on the North side roof deck.



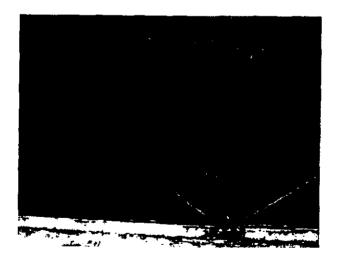
DP#21.JPG
View of the roof access hatch with 4" sanitary curb
and hinged cover. Layer corrosion on curb edges.



DP#22.JPG
Typical condition of angle iron toe kicks, Layer corrosion on the bottom edges of angle.



DP#23,JPG
General view looking in on the roof top tray aeration sytem.



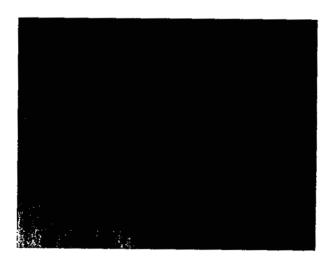
DP#24.JPG
Looking through the water beneath the aeration trays
we can see localized corrosion occurring in the sump area.



DP#25.JPG
Condition of the interior ladder as seen from the hatch.
The first rung has about 50% metal loss.



DP#26.JPG
Facing CCW from the roof access hatch. View of the end of the baffle wall and top of East shell wall.



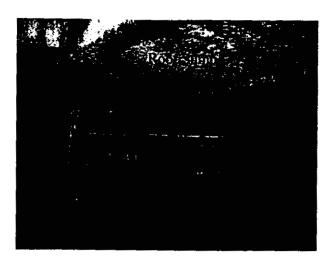
DP#27.JPG
Closer look at the top of the batfle wall and support beam.



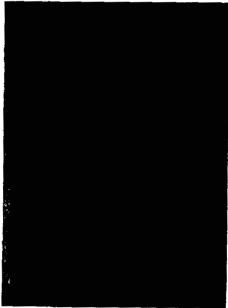
DP#28.JPG
Typical condition of the support chair for the radial roof beams.Significant metal loss due to corrosive forces.



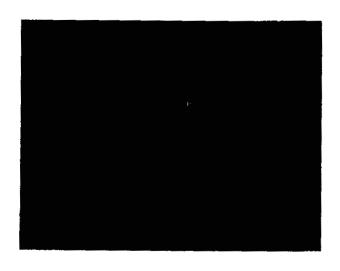
DP#29.JPG
Looking toward the West wall, CW from the hatch where the beffle wall attaches to the shell.



DP#30.JPG
Facing more toward the center as you look from the hatch.
Inlet and outlet pipes for roof top seration system.



DP#31.JPG
"Backside" of the baffle wall looking up toward
the West side. Pipe is one of the sump supports.



DP#32.JPG
Looking up at the roof with back toward the baffle wall,
General view of roof plates and bottom of sump.



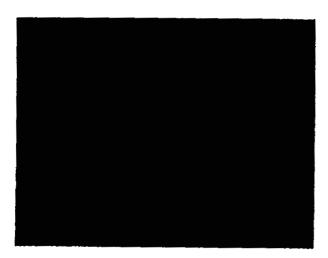
DP#33.JPG

Bottom baffle angel support and 2nd ring course shell wall nearby.

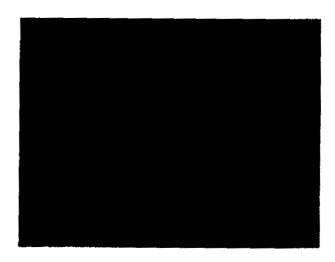
Localized coating failure and corrosion.



DP#34.JPG
Second shell ring CW as you face the interior ladder.
Localized coating failure and corrosive pitting.



DP#35.JPG
View of shall to left of ladder near the grade level manhole. Shows distribution of localized corrosion.



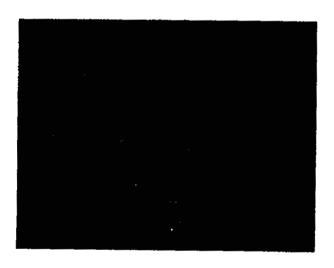
DP#36.JPG
Bottom of baffle wall facing West. Discharge/outlet end of tray aeration pipe is also shown.



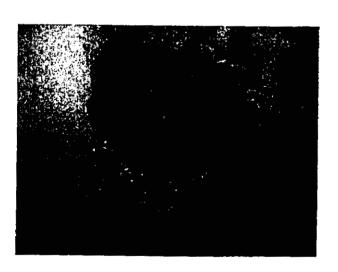
DP#37A.JPG
Tubercles on East side before corrosion by-products were scraped off.



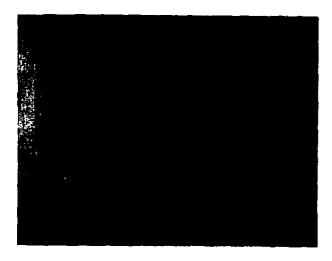
DP#37B.JPG
Area in previous photo after being cleaned off.
Pit depth measurements averaged 0.055 inches.



DP#38A.JPG
Localized area of corrosion activity before cleaning off.
Shell wall behind baffle wall. 4" X 6" Area.



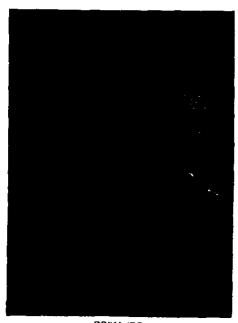
DP#38B.JPG
Pitting was wide and shallow here. Average measurement was around 0.035 inches.



DP#39.JPG
Wide-angle view of the shell penetrations for the piping of the aeration system on the Northwest side of the tank.



DP#40.JPG
Closer view showing the inlet pipe and outlet pipe with vortex plate above the floor.

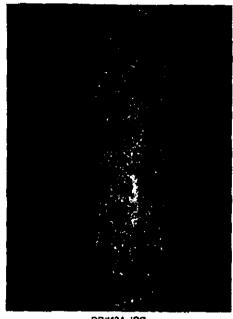


DP#41.JPG
Baffle wall, vertical section of inlet pipe facing toward the East.

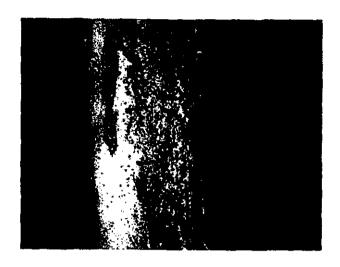


DP#42.JPG
Arrow points to localized pitting on the horizontal section of the inlet pipe.
Pit depth 0.045" to 0.115".

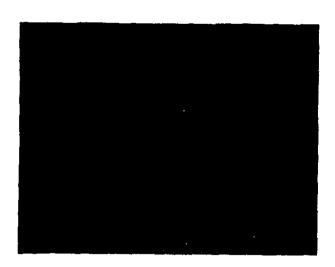
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DP#43A.JPG
Tuberculation on one of the sump support columns before cleening oft and measuring pit depth.



DP#43B,JPG
Pit depth readings varied from a low of 0.025* to a high of 0.065*



DP#44.JPG
Another sump support column where a pit depth measurement was taken. Here is was 0.045 *



DP#45.JPG

One of several small " islands " of sediment accumulation seen on the floor. Approx. 1 ft, X 3 ft, and 1/2" deep.