51614

SARASOTA COUNTY

"Dedicated to Quality Service"

January 8, 2009

Susan Pelz, P.E.
Solid Waste Section
Department of Environmental Protection
Southwest District Office
13051 North Telecom Parkway
Temple Terrace, Florida 33637-0926

RE: Central County Solid Waste Disposal Complex
Permit Number 130542-002-SO/01
Semi-Annual Ground Water Monitoring Report (July-December, 2008)
Quarterly Evaluation Monitoring Report (October-December, 2008)

Dear Ms. Pelz:

Enclosed are the Semi-Annual Ground Water Monitoring Report and the Quarterly Evaluation Monitoring Report as specified in Specific Conditions Part E.4.c. and E.7. respectively. A summary of the water quality standards that were exceeded during the reporting period have been included with this report as well as a ground water contour map showing water elevations during the sampling event.

If you have any questions or concerns, please contact me at (941)861-1532 or lerose@scgov.net.

Sincerely,

Lois E Rose

Lois E. Rose
Manager, Solid Waste

attachments

Dept. of Environmental Protection

JAN 16 2009

Southwest District

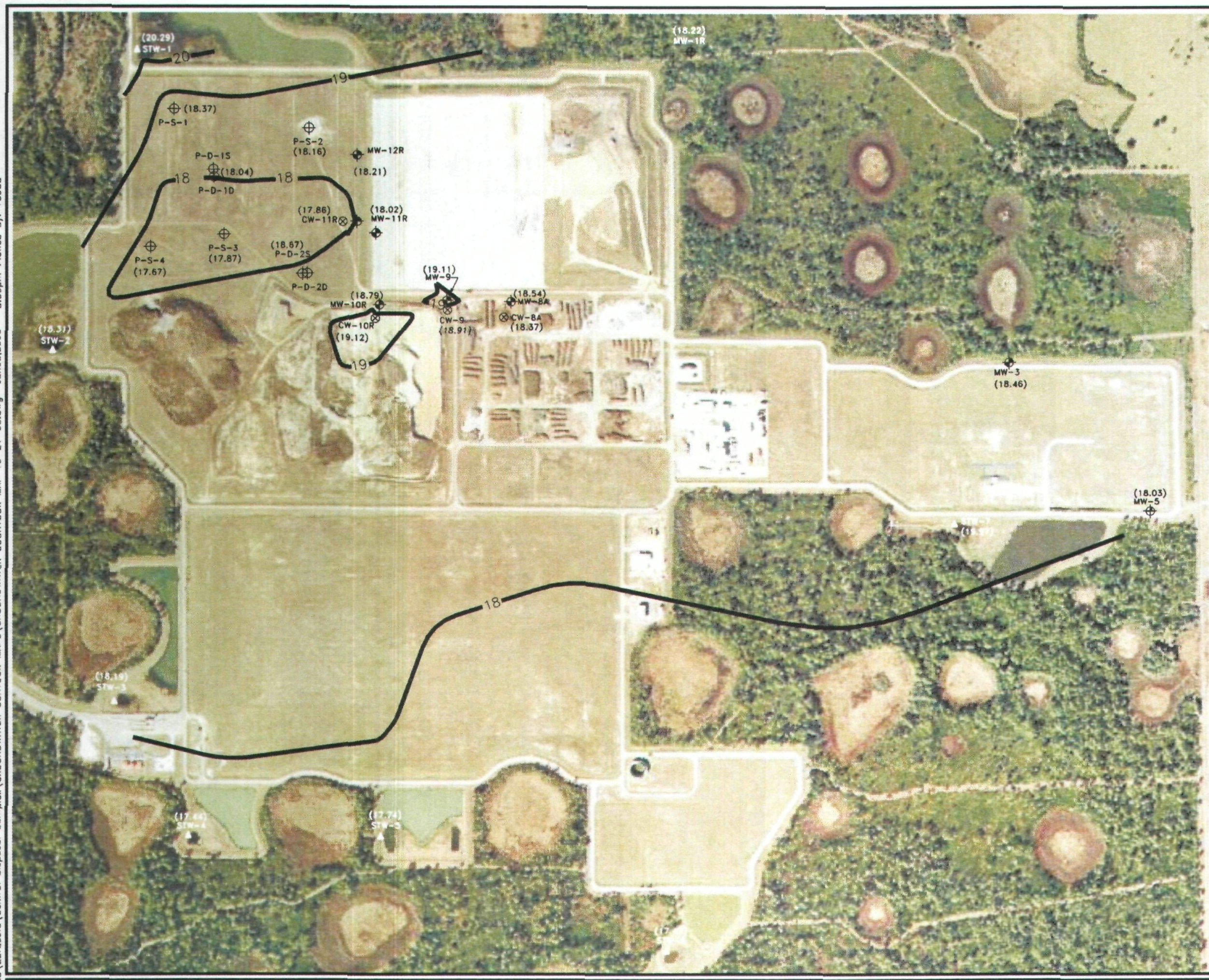
Recycled Paper

CENTRAL COUNTY SOLID WASTE DISPOSAL COMPLEX
EXCEEDENCE OF MCLs SUMMARY
2008 - 2nd Semi-Annual & 4th Quarter Evaluation Monitoring Report

		20585	21455	22883	4509	22884	4510	22885	20588	22886	20589
		Background	Detection	Compliance	Detection	Compliance	Detection	Compliance	Detection	Compliance	Detection
Parameter	MCL	MW-1R	MW-8A	CW-8A	MW-9	CW-9	MW-10R	CW-10R	MW-11R	CW-11R	MW-12
Solids, Total Dissolved	500 mg/l		950	500	980	870	870	1200		640	960
Iron	0.3 mg/l	2.6	110	59	43	43	58	14	0.39	18	0.37
Sulfate	250 mg/l							340			
Total Ammonia	2.8 mg/l		13	4.1	11	12					
pH	6.5-8.5		6.3	5.74	6.39		6.44	6.17		6.26	6.47
Chloride	250 mg/l										
Arsenic	10 ug/l		58	42	57	98	13	11		34	
Antimony	6 ug/l										
Sodium	160 mg/l										

For CCC [illegible] Map

Site#	DTW	Elevations	Water/ Elevations	Date
MW3	4.88	23.34	18.46	10/21/2008
MW5	5.16	23.192	18.032	10/21/2008
PS-1	7.48	25.85	18.37	10/21/2008
PS-2	8.30	26.457	18.157	10/21/2008
PS-3	8.40	26.267	17.867	10/21/2008
PS-4	8.33	26.003	17.673	10/21/2008
PD-1s	8.45	26.487	18.037	10/21/2008
PD-1d	13.45	26.237	12.787	10/21/2008
PD-2s	8.04	26.114	18.074	10/21/2008
PD-2d	13.10	25.804	12.704	10/21/2008
MW-1r	6.21	24.428	18.218	10/21/2008
MW8a	10.10	28.637	18.537	10/21/2008
MW-9	16.00	35.112	19.112	10/21/2008
MW-10r	13.00	31.792	18.792	10/21/2008
MW-11r	8.20	26.224	18.024	10/21/2008
MW-12r	8.42	26.634	18.214	10/21/2008
CW8A	7.76	26.132	18.372	10/21/2008
CW9	7.67	26.582	18.912	10/21/2008
CW10r	7.87	26.992	19.122	10/21/2008
CW11r	7.85	25.714	17.864	10/21/2008
STW1	2.10	18.187	20.29	10/21/2008
STW2	2.00	16.305	18.31	10/21/2008
STW3	2.00	16.191	18.19	10/21/2008
STW4	2.10	15.342	17.44	10/21/2008
STW5	1.95	15.788	17.738	10/21/2008
STW6	2.10	15.37	17.47	10/21/2008
STW7	1.10	18.87	19.97	10/21/2008



NORTH

0 150 300 600
GRAPHIC SCALE
SCALE: 1" = 300'

LEGEND:

- MONITORING WELL WITH GROUNDWATER ELEVATION (FT-NGVD)
- COMPLIANCE WELL WITH GROUNDWATER ELEVATION (FT-NGVD)
- PIEZOMETERS WITH GROUNDWATER ELEVATION (FT-NGVD)
- ▲ MONITORING POINT WITH SURFACE WATER ELEVATION (FT-NGVD)
- 20 GROUNDWATER ELEVATION CONTOUR

NOTE:

1. GROUNDWATER DATA FROM 10-21-08
2. GROUNDWATER ELEVATION GIVEN IN PARENTHESES

FT-NGVD = FEET ABOVE NATIONAL GEODETIC VERTICAL DATUM

DATE: JANUARY 5, 2009

U:\SO\OldG\HAZARD\Sarasota\Central Disposal Complex\GROUNDWATER CONTOUR MAPS\GROUNDWATER COUNTOUR MAP 10-21-08.dwg Jan05,2009 - 3:00pm Plotted By: 13938

PBSJ	SARASOTA COUNTY CENTRAL COUNTY SOLID WASTE DISPOSAL COMPLEX	**GROUNDWATER CONTOUR MAP** **OCTOBER 21, 2008**	FIGURE 1

DEP Form # 62-522.900(2)
Form Title Ground Water Monitoring Report
Effective Date ____________
DEP Application No. ____________

Florida Department of Environmental Protection

Twin Towers Office Bldg. 2600 Blair Stone Road Tallahassee, Florida 32399-2400

GROUND WATER MONITORING REPORT

Rule 62-522.600(11)

PART I GENERAL INFORMATION

(1) Facility Name Central County Solid Waste Disposal Complex

Address 4000 Knights Trail Road

City Nokomis Zip 34275

Telephone Number (941) 861-1532

(2) The GMS Identification Number SWD/58/51614

(3) DEP Permit Number 130542-002-SO/01

(4) Authorized Representative Name Lois Rose

Address 4000 Knights Trail Road

City Nokomis Zip 34275

Telephone Number (941) 861-1532

(5) Type of Discharge NA

(6) Method of Discharge NA

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION JAN 16 2009 SOUTHWEST DISTRICT TEMPLE TERRACE

Certification

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Date: January 8, 2009 Lois Rose

Signature of Owner or Authorized Representative

PART II QUALITY ASSURANCE REQUIREMENTS

Sample Organization Comp QAP # ____________

Analytical Lab Comp QAP # /HRS Certification # E83079

*Comp QAP # /HRS Certification # E84167

Lab Name PAS, Inc Benchmark EnviroAnalytical, Inc.

Address 8 East Tower Circle Ormond Beach, FL 32174 1711 12th Street East Palmetto, FL 34221

Phone Number (386)672-5668 (941) 723-9986

PART III ANALYTICAL RESULTS

Facility GMS #: SWD/58/51614

Sampling Date/Time: October 15, 2008/0906

Test Site ID #: 20585

Report Period: 2008/2nd Semi Annual & 4th Qtr. Evaluation Monitoring (year/quarter)

Well Name: MW-1R

Well Purged (Y/N): Yes

Classification of Ground Water: G-II

Well Type: (X) Background
( ) Intermediate
( ) Compliance
( ) Other

Ground Water Elevation (NGVD): 18.218'

or (MSL):

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	* Analysis Results/Units	Detection Limits/Units
	See Attached Analytical Report						

* Attach Laboratory Reports

PAS, Inc. 8 East Tower Cr , Ormond Beach, FL 32174-87 **Date:** *04-Nov-08*

NOV 2008
Resource
Management
Division

Analytical Report

CLIENT: Sarasota County
Lab Order: F08100772
Project: Central County Wells 10/15 MW
Lab ID: F08100772-001

Client Sample ID: 101508 CLMW1R
Collection Date: 10/15/2008 9:06:00 AM
Sample Description: 20585
Matrix: Groundwater

Analyses	Result	Qual	MDL	PQL	Units	DF	Date Analyzed	Batch ID
ICP METALS		SW6010	PrepDate:	10/20/2008 8:45:00			Analyst: TPI	
Arsenic	5.0	U	5.0	10	µg/L	1	10/20/08 17:09	56565
Barium	24		5.0	10	µg/L	1	10/20/08 17:09	56565
Beryllium	0.50	U	0.50	1.0	µg/L	1	10/20/08 17:09	56565
Cadmium	0.50	U	0.50	1.0	µg/L	1	10/20/08 17:09	56565
Calcium	85000		250	500	µg/L	1	10/20/08 17:09	56565
Chromium	2.5	U	2.5	5.0	µg/L	1	10/20/08 17:09	56565
Cobalt	5.0	U	5.0	10	µg/L	1	10/20/08 17:09	56565
Copper	2.5	U	2.5	5.0	µg/L	1	10/20/08 17:09	56565
Iron	2600		20	40	µg/L	1	10/20/08 17:09	56565
Lead	5.0	U	5.0	10	µg/L	1	10/20/08 17:09	56565
Magnesium	19000		250	500	µg/L	1	10/20/08 17:09	56565
Nickel	2.5	U	2.5	5.0	µg/L	1	10/20/08 17:09	56565
Potassium	1200		250	500	µg/L	1	10/20/08 17:09	56565
Selenium	7.5	U	7.5	15	µg/L	1	10/20/08 17:09	56565
Silver	2.5	U	2.5	5.0	µg/L	1	10/20/08 17:09	56565
Sodium	18000		500	1000	µg/L	1	10/20/08 17:09	56565
Vanadium	5.0	U	5.0	10	µg/L	1	10/20/08 17:09	56565
Zinc	10	U	10	20	µg/L	1	10/20/08 17:09	56565
ICP/MS METALS		SW6020	PrepDate:	10/20/2008 8:45:00			Analyst: DSK	
Antimony	0.50	U	0.50	1.0	µg/L	1	10/21/08 13:50	56565
Thallium	0.50	U	0.50	1.0	µg/L	1	10/21/08 13:50	56565
MERCURY		SW7470	PrepDate:	10/20/2008 10:40:00			Analyst: DSK	
Mercury	0.020	U	0.020	0.10	µg/L	1	10/23/08 15:25	56533
8011: EDB AND DBCP		SW8011	PrepDate:	10/24/2008 2:00:00			Analyst: LMA	
1,2-Dibromo-3-chloropropane	0.0048	U	0.0048	0.020	µg/L	1	10/25/08 07:12	56692
Ethylene Dibromide	0.0061	U	0.0061	0.0099	µg/L	1	10/25/08 07:12	56692
NITROGEN, NITRATE		E353.2	PrepDate:				Analyst: SUB	
Nitrogen, Nitrate	0.0040	U	0.0040	0.016	mg/L	1	10/16/08 17:18	NA
NITROGEN, NITRATE-NITRITE		E353.2	PrepDate:				Analyst: SUB	
Nitrogen, Nitrate-Nitrite	0.0040	U	0.0040	0.016	mg/L	1	10/16/08 10:30	NA
NITROGEN, NITRITE		SM4500-NO2 B	PrepDate:				Analyst: SUB	
Nitrogen, Nitrite	0.0030	U	0.0030	0.012	mg/L	1	10/16/08 17:18	NA

Data Qualifier Code Key:
- I Analyte detected below quantitation limits
- x Value exceeds Maximum Contaminant Level
- U Not Detected Above the MDL

PAS, Inc. 8 East Tower Cr., Ormond Beach, FL 32174-87 **Date:** *04-Nov-08*

Analytical Report

CLIENT:	Sarasota County	**Client Sample ID:**	101508 CLMW1R
Lab Order:	F08100772	**Collection Date:**	10/15/2008 9:06:00 AM
Project:	Central County Wells 10/15 MW	**Sample Description:**	20585
Lab ID:	F08100772-001	**Matrix:**	Groundwater

Analyses	Result	Qual	MDL	PQL	Units	DF	Date Analyzed	Batch ID
8260: VOLATILE ORGANIC COMPOUNDS		SW8260	PrepDate:	10/20/2008 8:00:00			Analyst: ALA	
Acetone	5.0	U	5.0	10	µg/L	1	10/20/08 19:26	56608
Acrylonitrile	5.0	U	5.0	10	µg/L	1	10/20/08 19:26	56608
Benzene	0.50	U	0.50	1.0	µg/L	1	10/20/08 19:26	56608
Bromochloromethane	0.50	U	0.50	1.0	µg/L	1	10/20/08 19:26	56608
Bromodichloromethane	0.30	U	0.30	0.60	µg/L	1	10/20/08 19:26	56608
Bromoform	0.50	U	0.50	1.0	µg/L	1	10/20/08 19:26	56608
Bromomethane	0.50	U	0.50	1.0	µg/L	1	10/20/08 19:26	56608
2-Butanone	5.0	U	5.0	10	µg/L	1	10/20/08 19:26	56608
Carbon disulfide	0.50	U	0.50	1.0	µg/L	1	10/20/08 19:26	56608
Carbon tetrachloride	0.50	U	0.50	1.0	µg/L	1	10/20/08 19:26	56608
Chlorobenzene	0.50	U	0.50	1.0	µg/L	1	10/20/08 19:26	56608
Chloroethane	0.61	U	0.61	1.0	µg/L	1	10/20/08 19:26	56608
Chloroform	0.50	U	0.50	1.0	µg/L	1	10/20/08 19:26	56608
Chloromethane	0.50	U	0.50	1.0	µg/L	1	10/20/08 19:26	56608
Dibromochloromethane	0.25	U	0.25	0.50	µg/L	1	10/20/08 19:26	56608
Dibromomethane	0.50	U	0.50	1.0	µg/L	1	10/20/08 19:26	56608
trans-1,4-Dichloro-2-butene	5.0	U	5.0	10	µg/L	1	10/20/08 19:26	56608
1,2-Dichlorobenzene	0.51	U	0.51	1.0	µg/L	1	10/20/08 19:26	56608
1,4-Dichlorobenzene	0.50	U	0.50	1.0	µg/L	1	10/20/08 19:26	56608
1,1-Dichloroethane	0.50	U	0.50	1.0	µg/L	1	10/20/08 19:26	56608
1,2-Dichloroethane	0.50	U	0.50	1.0	µg/L	1	10/20/08 19:26	56608
1,1-Dichloroethene	0.50	U	0.50	1.0	µg/L	1	10/20/08 19:26	56608
cis-1,2-Dichloroethene	0.50	U	0.50	1.0	µg/L	1	10/20/08 19:26	56608
trans-1,2-Dichloroethene	0.52	U	0.52	1.0	µg/L	1	10/20/08 19:26	56608
1,2-Dichloropropane	0.50	U	0.50	1.0	µg/L	1	10/20/08 19:26	56608
cis-1,3-Dichloropropene	0.25	U	0.25	0.50	µg/L	1	10/20/08 19:26	56608
trans-1,3-Dichloropropene	0.25	U	0.25	0.50	µg/L	1	10/20/08 19:26	56608
Ethylbenzene	0.50	U	0.50	1.0	µg/L	1	10/20/08 19:26	56608
2-Hexanone	5.0	U	5.0	10	µg/L	1	10/20/08 19:26	56608
Iodomethane	0.50	U	0.50	1.0	µg/L	1	10/20/08 19:26	56608
4-Methyl-2-pentanone	5.0	U	5.0	10	µg/L	1	10/20/08 19:26	56608
Methylene chloride	2.5	U	2.5	5.0	µg/L	1	10/20/08 19:26	56608
Styrene	0.50	U	0.50	1.0	µg/L	1	10/20/08 19:26	56608
1,1,1,2-Tetrachloroethane	0.50	U	0.50	1.0	µg/L	1	10/20/08 19:26	56608
1,1,2,2-Tetrachloroethane	0.17	U	0.17	0.50	µg/L	1	10/20/08 19:26	56608
Tetrachloroethene	0.50	U	0.50	1.0	µg/L	1	10/20/08 19:26	56608

Data Qualifier Code Key:

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- U Not Detected Above the MDL

PAS, Inc. 8 East Tower Cr., Ormond Beach, FL 32174-87 **Date:** *04-Nov-08*

Analytical Report

CLIENT:	Sarasota County	**Client Sample ID:**	101508 CLMW1R
Lab Order:	F08100772	**Collection Date:**	10/15/2008 9:06:00 AM
Project:	Central County Wells 10/15 MW	**Sample Description:**	20585
Lab ID:	F08100772-001	**Matrix:**	Groundwater

Analyses	Result	Qual	MDL	PQL	Units	DF	Date Analyzed	Batch ID
8260: VOLATILE ORGANIC COMPOUNDS		**SW8260**	PrepDate:	**10/20/2008 8:00:00**			Analyst: **ALA**	
Toluene	0.50	U	0.50	1.0	µg/L	1	10/20/08 19:26	56608
1,1,1-Trichloroethane	0.50	U	0.50	1.0	µg/L	1	10/20/08 19:26	56608
1,1,2-Trichloroethane	0.50	U	0.50	1.0	µg/L	1	10/20/08 19:26	56608
Trichloroethene	0.50	U	0.50	1.0	µg/L	1	10/20/08 19:26	56608
Trichlorofluoromethane	0.66	U	0.66	1.0	µg/L	1	10/20/08 19:26	56608
1,2,3-Trichloropropane	0.30	U	0.30	0.50	µg/L	1	10/20/08 19:26	56608
Vinyl acetate	1.0	U	1.0	2.0	µg/L	1	10/20/08 19:26	56608
Vinyl chloride	0.53	U	0.53	1.0	µg/L	1	10/20/08 19:26	56608
Xylenes, Total	1.0	U	1.0	3.0	µg/L	1	10/20/08 19:26	56608
Surr: 4-Bromofluorobenzene	88.8		0	70-114	%REC	1	10/20/08 19:26	56608
Surr: Dibromofluoromethane	93.8		0	88-117	%REC	1	10/20/08 19:26	56608
Surr: 1,2-Dichloroethane-d4	98.8		0	86-125	%REC	1	10/20/08 19:26	56608
Surr: Toluene-d8	97.4		0	87-113	%REC	1	10/20/08 19:26	56608
ALKALINITY AS CACO3		**SM2320 B**	PrepDate:				Analyst: **TKE**	
Alkalinity, Bicarbonate (As CaCO3)	250		5.0	5.0	mg/L	1	10/27/08	R72964
Alkalinity, Carbonate (As CaCO3)	5.0	U	5.0	5.0	mg/L	1	10/27/08	R72964
Alkalinity, Total (As CaCO3)	250		5.0	5.0	mg/L	1	10/27/08	R72964
ANIONS BY ION CHROMATOGRAPHY		**E300.0**	PrepDate:				Analyst: **ACO**	
Chloride	24		0.021	0.50	mg/L	1	10/23/08 20:28	R72907B
Sulfate	14		0.055	0.50	mg/L	1	10/23/08 20:28	R72907B
NITROGEN, AMMONIA		**E350.1**	PrepDate:				Analyst: **TKE**	
Nitrogen, Ammonia (As N)	0.084		0.020	0.050	mg/L	1	10/21/08 13:08	R72714I
SOLIDS, TOTAL DISSOLVED		**SM2540 C**	PrepDate:	**10/21/2008**			Analyst: **TM**	
Solids, Total Dissolved	350		5.0	5.0	mg/L	1	10/21/08 16:09	56588

Data Qualifier Code Key:
J Analyte detected below quantitation limits
x Value exceeds Maximum Contaminant Level
U Not Detected Above the MDL

ATTACHMENT G

DEP-SOP-001/01
FS 2200 Groundwater Sampling
Form FD 9000-24

GROUNDWATER SAMPLING LOG

FACILITY NAME: Central County Solid Waste Disposal		FACILITY LOCATION: 4000 Knights Trail Road
MONITORING_SITE_NUM: MW-1R	WACS_WELL: 20585	DATE: 10-15-08

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): 3/8"	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER: BP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (15.5 feet – 6.21 feet) X 0.16 (500 ml) gallons/foot = 1.17 x 1.5 = gallons 1.48

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (gallons/foot X 8 feet) + (500 ml) gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 14	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 14	PURGING INITIATED AT: 0830	PURGING ENDED AT: 0905	TOTAL VOLUME PURGED (gallons): 4.37 gl

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (μmhos/cm or μS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
0850		2.5 gls	500ml	6.50	6.86	25.98	214	.37	8.6	CLEAR	NONE
0855	2500 ml		500ml	6.50	6.86	26.00	215	.42	9.7	" "	" "
0900	2500 ml		500ml	6.50	6.85	26.01	216	.36	6.7	" "	" "
0905	2500 ml		500ml	6.50	6.85	26.02	216	.34	6.0	" "	" "

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Terry Foxworthy /ES I	SAMPLER(S) SIGNATURES: Terry Foxworthy	SAMPLING INITIATED AT: 0906	SAMPLING ENDED AT: 0912
PUMP OR TUBING DEPTH IN WELL (feet): 8	SAMPLE PUMP FLOW RATE (mL per minute): 500 ml	TUBING MATERIAL CODE: PE	
FIELD DECONTAMINATION: Y N XX	FIELD-FILTERED: Y N XX FILTER SIZE: ____ μm Filtration Equipment Type:	DUPLICATE: Y N XX	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH		

SEE ATTACHED CHAIN OF CUSTODY

REMARKS: Final water level TOC = 24.428 WE = 18.218

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 1, 2004

PART III ANALYTICAL RESULTS

Facility GMS #: SWD/58/51614

Sampling Date/Time: October 15, 2008/1016

Test Site ID #: 21455

Report Period: 2008/2nd Semi Annual & 4th Qtr. Evaluation Monitoring
(year/quarter)

Well Name: MW-8A

Well Purged (Y/N): Yes

Classification of Ground Water: G-II

Well Type: ( ) Background
(X) Intermediate
( ) Compliance
( ) Other

Ground Water Elevation (NGVD): 18.537'

or (MSL): ____

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	* Analysis Results/Units	Detection Limits/Units

See Attached Analytical Report

* Attach Laboratory Reports

PART III ANALYTICAL RESULTS

Facility GMS #: SWD/58/51614

Sampling Date/Time: October 15, 2008/1246

Test Site ID #: 4509

Report Period: 2008/2nd Semi Annual & 4th Qtr. Evaluation Monitoring (year/quarter)

Well Name: MW-9

Well Purged (Y/N): Yes

Classification of Ground Water: G-II

Well Type: ( ) Background
(X) Intermediate
( ) Compliance
( ) Other

Ground Water Elevation (NGVD): 19.112'

or (MSL):

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	* Analysis Results/Units	Detection Limits/Units
	See Attached Analytical Report						

* Attach Laboratory Reports

PAS, Inc. 8 East Tower Cr., Ormond Beach, FL 32174-87 **Date:** 04-Nov-08

Analytical Report

CLIENT:	Sarasota County	**Client Sample ID:**	101508 CLMW9
Lab Order:	F08100772	**Collection Date:**	10/15/2008 12:46:00 PM
Project:	Central County Wells 10/15 MW	**Sample Description:**	4509
Lab ID:	F08100772-003	**Matrix:**	Groundwater

Analyses	Result	Qual	MDL	PQL	Units	DF	Date Analyzed	Batch ID
ICP METALS		SW6010	PrepDate:	10/20/2008 8:45:00			Analyst: TPI	
Arsenic	57		5.0	10	µg/L	1	10/20/08 17:26	56565
Barium	110		5.0	10	µg/L	1	10/20/08 17:26	56565
Beryllium	0.50	U	0.50	1.0	µg/L	1	10/20/08 17:26	56565
Cadmium	0.71	I	0.50	1.0	µg/L	1	10/20/08 17:26	56565
Calcium	310000		250	500	µg/L	1	10/20/08 17:26	56565
Chromium	2.5	U	2.5	5.0	µg/L	1	10/20/08 17:26	56565
Cobalt	6.4	I	5.0	10	µg/L	1	10/20/08 17:26	56565
Copper	2.5	U	2.5	5.0	µg/L	1	10/20/08 17:26	56565
Iron	43000		20	40	µg/L	1	10/20/08 17:26	56565
Lead	5.0	U	5.0	10	µg/L	1	10/20/08 17:26	56565
Magnesium	45000		250	500	µg/L	1	10/20/08 17:26	56565
Nickel	2.5	U	2.5	5.0	µg/L	1	10/20/08 17:26	56565
Potassium	7000		250	500	µg/L	1	10/20/08 17:26	56565
Selenium	7.5	U	7.5	15	µg/L	1	10/20/08 17:26	56565
Silver	2.5	U	2.5	5.0	µg/L	1	10/20/08 17:26	56565
Sodium	35000		500	1000	µg/L	1	10/20/08 17:26	56565
Vanadium	5.0	U	5.0	10	µg/L	1	10/20/08 17:26	56565
Zinc	10	U	10	20	µg/L	1	10/20/08 17:26	56565
ICP/MS METALS		SW6020	PrepDate:	10/20/2008 8:45:00			Analyst: DSK	
Antimony	0.50	U	0.50	1.0	µg/L	1	10/21/08 14:16	56565
Thallium	0.50	U	0.50	1.0	µg/L	1	10/21/08 14:16	56565
MERCURY		SW7470	PrepDate:	10/20/2008 10:40:00			Analyst: DSK	
Mercury	0.020	U	0.020	0.10	µg/L	1	10/23/08 15:31	56533
8011: EDB AND DBCP		SW8011	PrepDate:	10/24/2008 2:00:00			Analyst: LMA	
1,2-Dibromo-3-chloropropane	0.0049	U	0.0049	0.020	µg/L	1	10/25/08 07:50	56692
Ethylene Dibromide	0.0063	U	0.0063	0.010	µg/L	1	10/25/08 07:50	56692
NITROGEN, NITRATE		E353.2	PrepDate:				Analyst: SUB	
Nitrogen, Nitrate	0.0040	I	0.0040	0.016	mg/L	1	10/16/08 17:18	NA
NITROGEN, NITRATE-NITRITE		E353.2	PrepDate:				Analyst: SUB	
Nitrogen, Nitrate-Nitrite	0.0040	I	0.0040	0.016	mg/L	1	10/16/08 10:30	NA
NITROGEN, NITRITE		SM4500-NO2 B	PrepDate:				Analyst: SUB	
Nitrogen, Nitrite	0.0030	U	0.0030	0.012	mg/L	1	10/16/08 17:18	NA

Data Qualifier Code Key:
I Analyte detected below quantitation limits
x Value exceeds Maximum Contaminant Level
U Not Detected Above the MDL

Analytical Report

CLIENT:	Sarasota County	**Client Sample ID:**	101508 CLMW9
Lab Order:	F08100772	**Collection Date:**	10/15/2008 12:46:00 PM
Project:	Central County Wells 10/15 MW	**Sample Description:**	4509
Lab ID:	F08100772-003	**Matrix:**	Groundwater

Analyses	Result	Qual	MDL	PQL	Units	DF	Date Analyzed	Batch ID
8260: VOLATILE ORGANIC COMPOUNDS		SW8260	PrepDate:	10/20/2008 8:00:00			Analyst: ALA	
Acetone	5.0	U	5.0	10	µg/L	1	10/20/08 20:26	56608
Acrylonitrile	5.0	U	5.0	10	µg/L	1	10/20/08 20:26	56608
Benzene	0.50	U	0.50	1.0	µg/L	1	10/20/08 20:26	56608
Bromochloromethane	0.50	U	0.50	1.0	µg/L	1	10/20/08 20:26	56608
Bromodichloromethane	0.30	U	0.30	0.60	µg/L	1	10/20/08 20:26	56608
Bromoform	0.50	U	0.50	1.0	µg/L	1	10/20/08 20:26	56608
Bromomethane	0.50	U	0.50	1.0	µg/L	1	10/20/08 20:26	56608
2-Butanone	5.0	U	5.0	10	µg/L	1	10/20/08 20:26	56608
Carbon disulfide	0.50	U	0.50	1.0	µg/L	1	10/20/08 20:26	56608
Carbon tetrachloride	0.50	U	0.50	1.0	µg/L	1	10/20/08 20:26	56608
Chlorobenzene	0.50	U	0.50	1.0	µg/L	1	10/20/08 20:26	56608
Chloroethane	0.61	U	0.61	1.0	µg/L	1	10/20/08 20:26	56608
Chloroform	0.50	U	0.50	1.0	µg/L	1	10/20/08 20:26	56608
Chloromethane	0.50	U	0.50	1.0	µg/L	1	10/20/08 20:26	56608
Dibromochloromethane	0.25	U	0.25	0.50	µg/L	1	10/20/08 20:26	56608
Dibromomethane	0.50	U	0.50	1.0	µg/L	1	10/20/08 20:26	56608
trans-1,4-Dichloro-2-butene	5.0	U	5.0	10	µg/L	1	10/20/08 20:26	56608
1,2-Dichlorobenzene	0.51	U	0.51	1.0	µg/L	1	10/20/08 20:26	56608
1,4-Dichlorobenzene	0.50	U	0.50	1.0	µg/L	1	10/20/08 20:26	56608
1,1-Dichloroethane	0.50	U	0.50	1.0	µg/L	1	10/20/08 20:26	56608
1,2-Dichloroethane	0.50	U	0.50	1.0	µg/L	1	10/20/08 20:26	56608
1,1-Dichloroethene	0.50	U	0.50	1.0	µg/L	1	10/20/08 20:26	56608
cis-1,2-Dichloroethene	0.50	U	0.50	1.0	µg/L	1	10/20/08 20:26	56608
trans-1,2-Dichloroethene	0.52	U	0.52	1.0	µg/L	1	10/20/08 20:26	56608
1,2-Dichloropropane	0.50	U	0.50	1.0	µg/L	1	10/20/08 20:26	56608
cis-1,3-Dichloropropene	0.25	U	0.25	0.50	µg/L	1	10/20/08 20:26	56608
trans-1,3-Dichloropropene	0.25	U	0.25	0.50	µg/L	1	10/20/08 20:26	56608
Ethylbenzene	0.50	U	0.50	1.0	µg/L	1	10/20/08 20:26	56608
2-Hexanone	5.0	U	5.0	10	µg/L	1	10/20/08 20:26	56608
Iodomethane	0.50	U	0.50	1.0	µg/L	1	10/20/08 20:26	56608
4-Methyl-2-pentanone	5.0	U	5.0	10	µg/L	1	10/20/08 20:26	56608
Methylene chloride	2.5	U	2.5	5.0	µg/L	1	10/20/08 20:26	56608
Styrene	0.50	U	0.50	1.0	µg/L	1	10/20/08 20:26	56608
1,1,1,2-Tetrachloroethane	0.50	U	0.50	1.0	µg/L	1	10/20/08 20:26	56608
1,1,2,2-Tetrachloroethane	0.17	U	0.17	0.50	µg/L	1	10/20/08 20:26	56608
Tetrachloroethene	0.50	U	0.50	1.0	µg/L	1	10/20/08 20:26	56608

Data Qualifier Code Key:

I	Analyte detected below quantitation limits	U	Not Detected Above the MDL
x	Value exceeds Maximum Contaminant Level		

PAS, Inc. 8 East Tower Cr., Ormond Beach, FL 32174-87 **Date:** *04-Nov-08*

Analytical Report

CLIENT:	Sarasota County	**Client Sample ID:**	101508 CLMW9
Lab Order:	F08100772	**Collection Date:**	10/15/2008 12:46:00 PM
Project:	Central County Wells 10/15 MW	**Sample Description:**	4509
Lab ID:	F08100772-003	**Matrix:**	Groundwater

Analyses	Result	Qual	MDL	PQL	Units	DF	Date Analyzed	Batch ID
8260: VOLATILE ORGANIC COMPOUNDS		**SW8260**	PrepDate:	**10/20/2008 8:00:00**			Analyst: **ALA**	
Toluene	0.50	U	0.50	1.0	µg/L	1	10/20/08 20:26	56608
1,1,1-Trichloroethane	0.50	U	0.50	1.0	µg/L	1	10/20/08 20:26	56608
1,1,2-Trichloroethane	0.50	U	0.50	1.0	µg/L	1	10/20/08 20:26	56608
Trichloroethene	0.50	U	0.50	1.0	µg/L	1	10/20/08 20:26	56608
Trichlorofluoromethane	0.66	U	0.66	1.0	µg/L	1	10/20/08 20:26	56608
1,2,3-Trichloropropane	0.30	U	0.30	0.50	µg/L	1	10/20/08 20:26	56608
Vinyl acetate	1.0	U	1.0	2.0	µg/L	1	10/20/08 20:26	56608
Vinyl chloride	0.53	U	0.53	1.0	µg/L	1	10/20/08 20:26	56608
Xylenes, Total	1.0	U	1.0	3.0	µg/L	1	10/20/08 20:26	56608
Surr: 4-Bromofluorobenzene	92.5		0	70-114	%REC	1	10/20/08 20:26	56608
Surr: Dibromofluoromethane	93.2		0	88-117	%REC	1	10/20/08 20:26	56608
Surr: 1,2-Dichloroethane-d4	98.2		0	86-125	%REC	1	10/20/08 20:26	56608
Surr: Toluene-d8	96.8		0	87-113	%REC	1	10/20/08 20:26	56608
ALKALINITY AS CACO3		**SM2320 B**	PrepDate:				Analyst: **TKE**	
Alkalinity, Bicarbonate (As CaCO3)	1200		25	25	mg/L	5	10/27/08	R72964
Alkalinity, Carbonate (As CaCO3)	25	U	25	25	mg/L	5	10/27/08	R72964
Alkalinity, Total (As CaCO3)	1200		25	25	mg/L	5	10/27/08	R72964
ANIONS BY ION CHROMATOGRAPHY		**E300.0**	PrepDate:				Analyst: **ACO**	
Chloride	33		0.21	5.0	mg/L	10	10/23/08 21:31	R72907B
Sulfate	0.55	U	0.55	5.0	mg/L	10	10/23/08 21:31	R72907B
NITROGEN, AMMONIA		**E350.1**	PrepDate:				Analyst: **TKE**	
Nitrogen, Ammonia (As N)	11		0.020	0.050	mg/L	1	10/21/08 13:11	R72714I
SOLIDS, TOTAL DISSOLVED		**SM2540 C**	PrepDate:	**10/21/2008**			Analyst: **TM**	
Solids, Total Dissolved	980		5.0	5.0	mg/L	1	10/21/08 16:12	56588

Data Qualifier Code Key:

I Analyte detected below quantitation limits

x Value exceeds Maximum Contaminant Level

U Not Detected Above the MDL

ATTACHMENT G

DEP-SOP-001/01
FS 2200 Groundwater Sampling
Form FD 9000-24

GROUNDWATER SAMPLING LOG

FACILITY NAME: **Central County Solid Waste Disposal**	FACILITY LOCATION: **4000 Knights Trail Road**	
MONITORING_SITE_NUM: **MW-9**	WACS_WELL: **4509**	DATE: 10.15.08

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): 3/8"	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER: BP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (25.60 feet – 16.00 feet) X 0.16 (500 ml) gallons/foot = x 1.5 = gallons 1.53gl

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (gallons/foot X feet) + (500 ml) gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 24	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 24	PURGING INITIATED AT: 1210	PURGING ENDED AT: 1245	TOTAL VOLUME PURGED (gallons): 4.50gl

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1230		2.5gl	500ml	16.50	6.36	28.61	516	.36	4.5	Yellow Tint Clear	None.
1235	2500ml		500ml	16.59	6.37	28.46	514	.36	3.2	" "	" "
1240	2500ml		500ml	16.60	6.38	28.51	511	.37	2.7	" "	" "
1245	2500ml		500ml	16.65	6.39	28.67	509	.37	2.5	" "	" "
		4.5gl									

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: **Terry Foxworthy /ES I**	SAMPLER(S) SIGNATURES: Terry Foxworthy	SAMPLING INITIATED AT: 1246 [redacted]	SAMPLING ENDED AT: 1259 [redacted]
PUMP OR TUBING DEPTH IN WELL (feet): **24**	SAMPLE PUMP FLOW RATE (mL per minute): ~~400/300~~ 500ml ml	TUBING MATERIAL CODE: **PE**	
FIELD DECONTAMINATION: Y N **XX**	FIELD-FILTERED: Y N **XX** FILTER SIZE: ____ µm Filtration Equipment Type:	DUPLICATE: Y N **XX**	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH		
		See Attached Chain of Custody						

REMARKS: **Final Water level , Best purge rate 300 ml (0.077 gpm) TOC 35.112** //
WE = 19.112

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

PART III ANALYTICAL RESULTS

Facility GMS #: SWD/58/51614

Sampling Date/Time: October 20, 2008/1206

Test Site ID #: 4510

Report Period: 2008/2nd Semi Annual & 4th Qtr. Evaluation Monitoring
(year/quarter)

Well Name: MW-10R

Well Purged (Y/N): Yes

Classification of Ground Water: G-II

Well Type: ( ) Background
(X) Intermediate
( ) Compliance
( ) Other

Ground Water Elevation (NGVD): 18.792'

or (MSL):

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	* Analysis Results/Units	Detection Limits/Units
	See Attached Analytical Report						

* Attach Laboratory Reports

PAS, Inc. 8 East Tower Cr., Ormond Beach, FL 32174-87 Date: 07-Nov-08

Resource Management Division

Analytical Report

CLIENT:	Sarasota County	**Client Sample ID:**	10-20-08 CCMW10R
Lab Order:	F08100926	**Collection Date:**	10/20/2008 12:12:00 PM
Project:	Central County Wells 10-20 MW10R	**Sample Description:**	4510
Lab ID:	F08100926-001	**Matrix:**	Groundwater

Analyses	Result	Qual	MDL	PQL	Units	DF	Date Analyzed	Batch ID
ICP METALS		SW6010	PrepDate:	10/23/2008 9:48:00			Analyst: TPI	
Arsenic	13		5.0	10	µg/L	1	10/24/08 04:28	56666
Barium	75		5.0	10	µg/L	1	10/24/08 04:28	56666
Beryllium	0.50	U	0.50	1.0	µg/L	1	10/24/08 04:28	56666
Cadmium	0.68	I	0.50	1.0	µg/L	1	10/24/08 04:28	56666
Calcium	170000		250	500	µg/L	1	10/24/08 04:28	56666
Chromium	2.5	U	2.5	5.0	µg/L	1	10/24/08 04:28	56666
Cobalt	5.0	U	5.0	10	µg/L	1	10/24/08 04:28	56666
Copper	2.5	U	2.5	5.0	µg/L	1	10/24/08 04:28	56666
Iron	58000		20	40	µg/L	1	10/24/08 04:28	56666
Lead	5.0	U	5.0	10	µg/L	1	10/24/08 04:28	56666
Magnesium	52000		250	500	µg/L	1	10/24/08 04:28	56666
Nickel	2.5	U	2.5	5.0	µg/L	1	10/24/08 04:28	56666
Potassium	1800		250	500	µg/L	1	10/24/08 04:28	56666
Selenium	7.5	U	7.5	15	µg/L	1	10/24/08 04:28	56666
Silver	2.5	U	2.5	5.0	µg/L	1	10/24/08 04:28	56666
Sodium	81000		500	1000	µg/L	1	10/24/08 04:28	56666
Vanadium	5.0	U	5.0	10	µg/L	1	10/24/08 04:28	56666
Zinc	10	U	10	20	µg/L	1	10/24/08 04:28	56666
ICP/MS METALS		SW6020	PrepDate:	10/23/2008 9:48:00			Analyst: DSK	
Antimony	0.50	U	0.50	1.0	µg/L	1	10/27/08 23:51	56666
Thallium	0.50	U	0.50	1.0	µg/L	1	10/27/08 23:51	56666
MERCURY		SW7470	PrepDate:	10/24/2008 9:35:00			Analyst: SKA	
Mercury	0.055	I	0.020	0.10	µg/L	1	10/27/08 17:14	56667
8011: EDB AND DBCP		SW8011	PrepDate:	10/24/2008 2:00:00			Analyst: LMA	
1,2-Dibromo-3-chloropropane	0.0049	U	0.0049	0.020	µg/L	1	10/25/08 10:40	56692
Ethylene Dibromide	0.0061	U	0.0061	0.0099	µg/L	1	10/25/08 10:40	56692
NITROGEN, NITRATE		E353.2	PrepDate:				Analyst: SUB	
Nitrogen, Nitrate	0.0040	U	0.0040	0.016	mg/L	1	10/21/08 09:24	NA
NITROGEN, NITRATE-NITRITE		E353.2	PrepDate:				Analyst: SUB	
Nitrogen, Nitrate-Nitrite	0.0040	U	0.0040	0.016	mg/L	1	10/21/08 11:00	NA
NITROGEN, NITRITE		SM4500-NO2 B	PrepDate:				Analyst: SUB	
Nitrogen, Nitrite	0.0030	U	0.0030	0.012	mg/L	1	10/21/08 09:24	NA

Data Qualifier Code Key:

- I Analyte detected below quantitation limits
- V Analyte detected in the associated Method Blank
- U Not Detected Above the MDL
- x Value exceeds Maximum Contaminant Level

PAS, Inc. 8 East Tower Cr., Ormond Beach, FL 32174-87 **Date:** 07-Nov-08

Analytical Report

CLIENT:	Sarasota County	**Client Sample ID:**	10-20-08 CCMW10R
Lab Order:	F08100926	**Collection Date:**	10/20/2008 12:12:00 PM
Project:	Central County Wells 10-20 MW10R	**Sample Description:**	4510
Lab ID:	F08100926-001	**Matrix:**	Groundwater

Analyses	Result	Qual	MDL	PQL	Units	DF	Date Analyzed	Batch ID
8260: VOLATILE ORGANIC COMPOUNDS		SW8260	PrepDate:	10/31/2008 10:00:00			Analyst: ALA	
Acetone	5.0	U	5.0	10	µg/L	1	10/31/08 15:44	56922
Acrylonitrile	5.0	U	5.0	10	µg/L	1	10/31/08 15:44	56922
Benzene	0.50	U	0.50	1.0	µg/L	1	10/31/08 15:44	56922
Bromochloromethane	0.50	U	0.50	1.0	µg/L	1	10/31/08 15:44	56922
Bromodichloromethane	0.30	U	0.30	0.60	µg/L	1	10/31/08 15:44	56922
Bromoform	0.50	U	0.50	1.0	µg/L	1	10/31/08 15:44	56922
Bromomethane	0.50	U	0.50	1.0	µg/L	1	10/31/08 15:44	56922
2-Butanone	5.0	U	5.0	10	µg/L	1	10/31/08 15:44	56922
Carbon disulfide	0.50	U	0.50	1.0	µg/L	1	10/31/08 15:44	56922
Carbon tetrachloride	0.50	U	0.50	1.0	µg/L	1	10/31/08 15:44	56922
Chlorobenzene	0.50	U	0.50	1.0	µg/L	1	10/31/08 15:44	56922
Chloroethane	0.61	U	0.61	1.0	µg/L	1	10/31/08 15:44	56922
Chloroform	0.50	U	0.50	1.0	µg/L	1	10/31/08 15:44	56922
Chloromethane	0.50	U	0.50	1.0	µg/L	1	10/31/08 15:44	56922
Dibromochloromethane	0.25	U	0.25	0.50	µg/L	1	10/31/08 15:44	56922
Dibromomethane	0.50	U	0.50	1.0	µg/L	1	10/31/08 15:44	56922
trans-1,4-Dichloro-2-butene	5.0	U	5.0	10	µg/L	1	10/31/08 15:44	56922
1,2-Dichlorobenzene	0.51	U	0.51	1.0	µg/L	1	10/31/08 15:44	56922
1,4-Dichlorobenzene	0.50	U	0.50	1.0	µg/L	1	10/31/08 15:44	56922
1,1-Dichloroethane	0.50	U	0.50	1.0	µg/L	1	10/31/08 15:44	56922
1,2-Dichloroethane	0.50	U	0.50	1.0	µg/L	1	10/31/08 15:44	56922
1,1-Dichloroethene	0.50	U	0.50	1.0	µg/L	1	10/31/08 15:44	56922
cis-1,2-Dichloroethene	0.50	U	0.50	1.0	µg/L	1	10/31/08 15:44	56922
trans-1,2-Dichloroethene	0.52	U	0.52	1.0	µg/L	1	10/31/08 15:44	56922
1,2-Dichloropropane	0.50	U	0.50	1.0	µg/L	1	10/31/08 15:44	56922
cis-1,3-Dichloropropene	0.25	U	0.25	0.50	µg/L	1	10/31/08 15:44	56922
trans-1,3-Dichloropropene	0.25	U	0.25	0.50	µg/L	1	10/31/08 15:44	56922
Ethylbenzene	0.50	U	0.50	1.0	µg/L	1	10/31/08 15:44	56922
2-Hexanone	5.0	U	5.0	10	µg/L	1	10/31/08 15:44	56922
Iodomethane	0.50	U	0.50	1.0	µg/L	1	10/31/08 15:44	56922
4-Methyl-2-pentanone	5.0	U	5.0	10	µg/L	1	10/31/08 15:44	56922
Methylene chloride	2.5	U	2.5	5.0	µg/L	1	10/31/08 15:44	56922
Styrene	0.50	U	0.50	1.0	µg/L	1	10/31/08 15:44	56922
1,1,1,2-Tetrachloroethane	0.50	U	0.50	1.0	µg/L	1	10/31/08 15:44	56922
1,1,2,2-Tetrachloroethane	0.17	U	0.17	0.50	µg/L	1	10/31/08 15:44	56922
Tetrachloroethene	0.50	U	0.50	1.0	µg/L	1	10/31/08 15:44	56922

Data Qualifier Code Key:	I	Analyte detected below quantitation limits	U	Not Detected Above the MDL
	V	Analyte detected in the associated Method Blank	x	Value exceeds Maximum Contaminant Level

Analytical Report

CLIENT:	Sarasota County	**Client Sample ID:**	10-20-08 CCMW10R
Lab Order:	F08100926	**Collection Date:**	10/20/2008 12:12:00 PM
Project:	Central County Wells 10-20 MW10R	**Sample Description:**	4510
Lab ID:	F08100926-001	**Matrix:**	Groundwater

Analyses	Result	Qual	MDL	PQL	Units	DF	Date Analyzed	Batch ID
8260: VOLATILE ORGANIC COMPOUNDS		SW8260	PrepDate:	10/31/2008 10:00:00			Analyst: ALA	
Toluene	0.50	U	0.50	1.0	µg/L	1	10/31/08 15:44	56922
1,1,1-Trichloroethane	0.50	U	0.50	1.0	µg/L	1	10/31/08 15:44	56922
1,1,2-Trichloroethane	0.50	U	0.50	1.0	µg/L	1	10/31/08 15:44	56922
Trichloroethene	0.50	U	0.50	1.0	µg/L	1	10/31/08 15:44	56922
Trichlorofluoromethane	0.66	U	0.66	1.0	µg/L	1	10/31/08 15:44	56922
1,2,3-Trichloropropane	0.30	U	0.30	0.50	µg/L	1	10/31/08 15:44	56922
Vinyl acetate	1.0	U	1.0	2.0	µg/L	1	10/31/08 15:44	56922
Vinyl chloride	0.53	U	0.53	1.0	µg/L	1	10/31/08 15:44	56922
Xylenes, Total	1.0	U	1.0	3.0	µg/L	1	10/31/08 15:44	56922
Surr: 4-Bromofluorobenzene	94.3		0	70-114	%REC	1	10/31/08 15:44	56922
Surr: Dibromofluoromethane	93 9		0	88-117	%REC	1	10/31/08 15:44	56922
Surr: 1,2-Dichloroethane-d4	97.8		0	86-125	%REC	1	10/31/08 15:44	56922
Surr: Toluene-d8	97.0		0	87-113	%REC	1	10/31/08 15:44	56922
ALKALINITY AS CACO3		SM2320 B	PrepDate:				Analyst: TKE	
Alkalinity, Bicarbonate (As CaCO3)	700		25	25	mg/L	5	10/27/08 20:25	R72999
Alkalinity, Carbonate (As CaCO3)	25	U	25	25	mg/L	5	10/27/08 20:25	R72999
Alkalinity, Total (As CaCO3)	700		25	25	mg/L	5	10/27/08 20:25	R72999
ANIONS BY ION CHROMATOGRAPHY		E300.0	PrepDate:				Analyst: ACO	
Chloride	82		0.11	2.5	mg/L	5	10/24/08 05:36	R72907C
Sulfate	0.28	U	0.28	2.5	mg/L	5	10/24/08 05:36	R72907C
NITROGEN, AMMONIA		E350.1	PrepDate:				Analyst: TKE	
Nitrogen, Ammonia (As N)	6.4		0.020	0.050	mg/L	1	10/24/08 12:36	R72904B
SOLIDS, TOTAL DISSOLVED		SM2540 C	PrepDate:	10/23/2008 1:12:02			Analyst: TM	
Solids, Total Dissolved	870	V	5.0	5.0	mg/L	1	10/23/08 11:05	56647

Data Qualifier Code Key:				
	I	Analyte detected below quantitation limits	U	Not Detected Above the MDL
	V	Analyte detected in the associated Method Blank	x	Value exceeds Maximum Contaminant Level

ATTACHMENT G

DEP-SOP-001/01
FS 2200 Groundwater Sampling
Form FD 9000-24

GROUNDWATER SAMPLING LOG

FACILITY NAME: **Central County Solid Waste Disposal**	FACILITY LOCATION: **4000 Knights Trail Road**	
MONITORING_SITE_NUM: **MW-10R**	WACS_WELL: **4510**	DATE: 10-20-08

PURGING DATA

WELL DIAMETER (inches): **2"**	TUBING DIAMETER (inches): **3/8"**	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER: **BP**

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= 21.80 feet – 13.09 feet) X **0.16** (500 ml) gallons/foot = x 1.5 = gallons 1.40

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (gallons/foot X feet) + (500 ml) gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): **19**	FINAL PUMP OR TUBING DEPTH IN WELL (feet): **19**	PURGING INITIATED AT: 1055	PURGING ENDED AT: 1205	TOTAL VOLUME PURGED (gallons): 4.37 gls

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (μmhos/cm or μS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1145		2.50 gls	250 ml	13.80	6.39	27.27	593	2.35	2.9	Yellow tint	None
1150	1000 ml		250 ml	13.81	6.37	27.33	582	2.23	2.5	" "	" "
1155	1000 ml		250 ml	13.79	6.42	27.45	580	2.06	2.1	" "	" "
1200	1000 ml		250 ml	13.79	6.43	27.20	580	2.05	1.9	" "	" "
1205	1000 ml		250 ml	13.79	6.44	27.15	581	2.14	1.8	" "	" "
					.1	.3	1	26.9			
		4.37 gls									

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

out within 0.2 mg/L

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: **Terry Foxworthy /ES I**	SAMPLER(S) SIGNATURES: [signature]	SAMPLING INITIATED AT: 1206	SAMPLING ENDED AT 1212
PUMP OR TUBING DEPTH IN WELL (feet): **19**	SAMPLE PUMP FLOW RATE (mL per minute): ~~**300/200**~~ 250 ml **ml**	TUBING MATERIAL CODE: **PE**	
FIELD DECONTAMINATION: Y N **XX**	FIELD-FILTERED: Y N **XX** FILTER SIZE: ____ μm Filtration Equipment Type:	DUPLICATE: Y N **XX**	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH		

See Attached Chain of Custody

REMARKS: **Final Water level** **Best purge rate 200 ml (0.255 gm), TOC 31.792**
WL = 13.792

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. **STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)**
pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

PART III ANALYTICAL RESULTS

Facility GMS #: SWD/58/51614

Sampling Date/Time: October 21, 2008/1101

Test Site ID #: 20588

Report Period: 2008/2nd Semi Annual & 4th Qtr. Evaluation Monitoring
(year/quarter)

Well Name: MW-11R

Well Purged (Y/N): Yes

Classification of Ground Water: G-II

Well Type: ( ) Background
(X) Intermediate
( ) Compliance
( ) Other

Ground Water Elevation (NGVD): 18.024'

or (MSL):

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	* Analysis Results/Units	Detection Limits/Units

See Attached Analytical Report

* Attach Laboratory Reports

PAS, Inc. 8 East Tower Cr., Ormond Beach, FL 32174-87 **Date:** 07-Nov-08

Resource Management Division

Analytical Report

CLIENT:	Sarasota County	**Client Sample ID:**	102108 CLMW11R
Lab Order:	F08100930	**Collection Date:**	10/21/2008 11:01:00 AM
Project:	Central County Wells 10/21 MW	**Sample Description:**	20588
Lab ID:	F08100930-001	**Matrix:**	Groundwater

Analyses	Result	Qual	MDL	PQL	Units	DF	Date Analyzed	Batch ID
ICP METALS		SW6010	PrepDate:	10/23/2008 9:48:00			Analyst: TPI	
Arsenic	5.0	U	5.0	10	µg/L	1	10/24/08 04:55	56666
Barium	25		5.0	10	µg/L	1	10/24/08 04:55	56666
Beryllium	0.50	U	0.50	1.0	µg/L	1	10/24/08 04:55	56666
Cadmium	0.50	U	0.50	1.0	µg/L	1	10/24/08 04:55	56666
Calcium	74000		250	500	µg/L	1	10/24/08 04:55	56666
Chromium	2.5	U	2.5	5.0	µg/L	1	10/24/08 04:55	56666
Cobalt	5.0	U	5.0	10	µg/L	1	10/24/08 04:55	56666
Copper	2.5	U	2.5	5.0	µg/L	1	10/24/08 04:55	56666
Iron	390		20	40	µg/L	1	10/24/08 04:55	56666
Lead	5.0	U	5.0	10	µg/L	1	10/24/08 04:55	56666
Magnesium	14000		250	500	µg/L	1	10/24/08 04:55	56666
Nickel	2.5	U	2.5	5.0	µg/L	1	10/24/08 04:55	56666
Potassium	71000		250	500	µg/L	1	10/24/08 04:55	56666
Selenium	7.5	U	7.5	15	µg/L	1	10/24/08 04:55	56666
Silver	2.5	U	2.5	5.0	µg/L	1	10/24/08 04:55	56666
Sodium	30000		500	1000	µg/L	1	10/24/08 04:55	56666
Vanadium	18		5.0	10	µg/L	1	10/24/08 04:55	56666
Zinc	10	U	10	20	µg/L	1	10/24/08 04:55	56666
ICP/MS METALS		SW6020	PrepDate:	10/23/2008 9:48:00			Analyst: DSK	
Antimony	0.50	U	0.50	1.0	µg/L	1	10/28/08 00:43	56666
Thallium	0.50	U	0.50	1.0	µg/L	1	10/28/08 00:43	56666
MERCURY		SW7470	PrepDate:	10/24/2008 9:35:00			Analyst: SKA	
Mercury	0.020	U	0.020	0.10	µg/L	1	10/27/08 17:25	56667
8011: EDB AND DBCP		SW8011	PrepDate:	10/24/2008 2:00:00			Analyst: LMA	
1,2-Dibromo-3-chloropropane	0.0048	U	0.0048	0.020	µg/L	1	10/25/08 10:59	56692
Ethylene Dibromide	0.0061	U	0.0061	0.0098	µg/L	1	10/25/08 10:59	56692
NITROGEN, NITRATE		E353.2	PrepDate:				Analyst: SUB	
Nitrogen, Nitrate	0.050	U	0.050	0.20	mg/L	1	10/21/08 16:46	NA
NITROGEN, NITRATE-NITRITE		E353.2	PrepDate:				Analyst: SUB	
Nitrogen, Nitrate-Nitrite	0.050	U	0.050	0.20	mg/L	1	10/23/08 10:30	NA
NITROGEN, NITRITE		SM4500-NO2 B	PrepDate:				Analyst: SUB	
Nitrogen, Nitrite	0.0030	U	0.0030	0.012	mg/L	1	10/21/08 16:46	NA

Data Qualifier Code Key:				
	I	Analyte detected below quantitation limits	U	Not Detected Above the MDL
	V	Analyte detected in the associated Method Blank	x	Value exceeds Maximum Contaminant Level

PAS, Inc. 8 East Tower Cr., Ormond Beach, FL 32174-87 **Date:** *07-Nov-08*

Analytical Report

CLIENT:	Sarasota County	**Client Sample ID:**	102108 CLMW11R
Lab Order:	F08100930	**Collection Date:**	10/21/2008 11:01:00 AM
Project:	Central County Wells 10/21 MW	**Sample Description:**	20588
Lab ID:	F08100930-001	**Matrix:**	Groundwater

Analyses	Result	Qual	MDL	PQL	Units	DF	Date Analyzed	Batch ID
8260: VOLATILE ORGANIC COMPOUNDS		SW8260	PrepDate:	10/31/2008 10:00:00			Analyst: ALA	
Acetone	5.0	U	5.0	10	µg/L	1	10/31/08 19:17	56922
Acrylonitrile	5.0	U	5.0	10	µg/L	1	10/31/08 19:17	56922
Benzene	0.50	U	0.50	1.0	µg/L	1	10/31/08 19:17	56922
Bromochloromethane	0.50	U	0.50	1.0	µg/L	1	10/31/08 19:17	56922
Bromodichloromethane	0.30	U	0.30	0.60	µg/L	1	10/31/08 19:17	56922
Bromoform	0.50	U	0.50	1.0	µg/L	1	10/31/08 19:17	56922
Bromomethane	0.50	U	0.50	1.0	µg/L	1	10/31/08 19:17	56922
2-Butanone	5.0	U	5.0	10	µg/L	1	10/31/08 19:17	56922
Carbon disulfide	0.50	U	0.50	1.0	µg/L	1	10/31/08 19:17	56922
Carbon tetrachloride	0.50	U	0.50	1.0	µg/L	1	10/31/08 19:17	56922
Chlorobenzene	0.50	U	0.50	1.0	µg/L	1	10/31/08 19:17	56922
Chloroethane	0.61	U	0.61	1.0	µg/L	1	10/31/08 19:17	56922
Chloroform	0.50	U	0.50	1.0	µg/L	1	10/31/08 19:17	56922
Chloromethane	0.50	U	0.50	1.0	µg/L	1	10/31/08 19:17	56922
Dibromochloromethane	0.25	U	0.25	0.50	µg/L	1	10/31/08 19:17	56922
Dibromomethane	0.50	U	0.50	1.0	µg/L	1	10/31/08 19:17	56922
trans-1,4-Dichloro-2-butene	5.0	U	5.0	10	µg/L	1	10/31/08 19:17	56922
1,2-Dichlorobenzene	0.51	U	0.51	1.0	µg/L	1	10/31/08 19:17	56922
1,4-Dichlorobenzene	0.50	U	0.50	1.0	µg/L	1	10/31/08 19:17	56922
1,1-Dichloroethane	0.50	U	0.50	1.0	µg/L	1	10/31/08 19:17	56922
1,2-Dichloroethane	0.50	U	0.50	1.0	µg/L	1	10/31/08 19:17	56922
1,1-Dichloroethene	0.50	U	0.50	1.0	µg/L	1	10/31/08 19:17	56922
cis-1,2-Dichloroethene	0.50	U	0.50	1.0	µg/L	1	10/31/08 19:17	56922
trans-1,2-Dichloroethene	0.52	U	0.52	1.0	µg/L	1	10/31/08 19:17	56922
1,2-Dichloropropane	0.50	U	0.50	1.0	µg/L	1	10/31/08 19:17	56922
cis-1,3-Dichloropropene	0.25	U	0.25	0.50	µg/L	1	10/31/08 19:17	56922
trans-1,3-Dichloropropene	0.25	U	0.25	0.50	µg/L	1	10/31/08 19:17	56922
Ethylbenzene	0.50	U	0.50	1.0	µg/L	1	10/31/08 19:17	56922
2-Hexanone	5.0	U	5.0	10	µg/L	1	10/31/08 19:17	56922
Iodomethane	0.50	U	0.50	1.0	µg/L	1	10/31/08 19:17	56922
4-Methyl-2-pentanone	5.0	U	5.0	10	µg/L	1	10/31/08 19:17	56922
Methylene chloride	2.5	U	2.5	5.0	µg/L	1	10/31/08 19:17	56922
Styrene	0.50	U	0.50	1.0	µg/L	1	10/31/08 19:17	56922
1,1,1,2-Tetrachloroethane	0.50	U	0.50	1.0	µg/L	1	10/31/08 19:17	56922
1,1,2,2-Tetrachloroethane	0.17	U	0.17	0.50	µg/L	1	10/31/08 19:17	56922
Tetrachloroethene	0.50	U	0.50	1.0	µg/L	1	10/31/08 19:17	56922

Data Qualifier Code Key:				
	I	Analyte detected below quantitation limits	U	Not Detected Above the MDL
	V	Analyte detected in the associated Method Blank	x	Value exceeds Maximum Contaminant Level

PAS, Inc. 8 East Tower Cr., Ormond Beach, FL 32174-87 **Date:** *07-Nov-08*

Analytical Report

CLIENT:	Sarasota County	**Client Sample ID:**	102108 CLMW11R
Lab Order:	F08100930	**Collection Date:**	10/21/2008 11:01:00 AM
Project:	Central County Wells 10/21 MW	**Sample Description:**	20588
Lab ID:	F08100930-001	**Matrix:**	Groundwater

Analyses	Result	Qual	MDL	PQL	Units	DF	Date Analyzed	Batch ID
8260: VOLATILE ORGANIC COMPOUNDS		SW8260	PrepDate:	10/31/2008 10:00:00			Analyst: ALA	
Toluene	0.50	U	0.50	1.0	µg/L	1	10/31/08 19:17	56922
1,1,1-Trichloroethane	0.50	U	0.50	1.0	µg/L	1	10/31/08 19:17	56922
1,1,2-Trichloroethane	0.50	U	0.50	1.0	µg/L	1	10/31/08 19:17	56922
Trichloroethene	0.50	U	0.50	1.0	µg/L	1	10/31/08 19:17	56922
Trichlorofluoromethane	0.66	U	0.66	1.0	µg/L	1	10/31/08 19:17	56922
1,2,3-Trichloropropane	0.30	U	0.30	0.50	µg/L	1	10/31/08 19:17	56922
Vinyl acetate	1.0	U	1.0	2.0	µg/L	1	10/31/08 19:17	56922
Vinyl chloride	0.53	U	0.53	1.0	µg/L	1	10/31/08 19:17	56922
Xylenes, Total	1.0	U	1.0	3.0	µg/L	1	10/31/08 19:17	56922
Surr: 4-Bromofluorobenzene	96.5		0	70-114	%REC	1	10/31/08 19:17	56922
Surr: Dibromofluoromethane	97.6		0	88-117	%REC	1	10/31/08 19:17	56922
Surr: 1,2-Dichloroethane-d4	100		0	86-125	%REC	1	10/31/08 19:17	56922
Surr: Toluene-d8	100		0	87-113	%REC	1	10/31/08 19:17	56922
ALKALINITY AS CACO3		SM2320 B	PrepDate:				Analyst: TKE	
Alkalinity, Bicarbonate (As CaCO3)	280		5.0	5.0	mg/L	1	10/27/08 21:13	R72999
Alkalinity, Carbonate (As CaCO3)	5.0	U	5.0	5.0	mg/L	1	10/27/08 21:13	R72999
Alkalinity, Total (As CaCO3)	280		5.0	5.0	mg/L	1	10/27/08 21:13	R72999
ANIONS BY ION CHROMATOGRAPHY		E300.0	PrepDate:				Analyst: ACO	
Chloride	39		0.021	0.50	mg/L	1	10/24/08 12:43	R72969A
Sulfate	26		0.055	0.50	mg/L	1	10/24/08 12:43	R72969A
NITROGEN, AMMONIA		E350.1	PrepDate:				Analyst: TKE	
Nitrogen, Ammonia (As N)	1.2		0.020	0.050	mg/L	1	10/24/08 12:52	R72904B
SOLIDS, TOTAL DISSOLVED		SM2540 C	PrepDate:	10/23/2008 1:12:02			Analyst: TM	
Solids, Total Dissolved	490	V	5.0	5.0	mg/L	1	10/23/08 11:10	56647

Data Qualifier Code Key:				
	I	Analyte detected below quantitation limits	U	Not Detected Above the MDL
	V	Analyte detected in the associated Method Blank	x	Value exceeds Maximum Contaminant Level

Form FD 9000-24

GROUNDWATER SAMPLING LOG

FACILITY NAME: Central County Solid Waste Disposal
FACILITY LOCATION: 4000 Knights Trail Road
MONITORING_SITE_NUM: MW-11R
WACS_WELL: 20588
DATE: 10-21-08

PURGING DATA

WELL DIAMETER (inches): 2"
TUBING DIAMETER (inches): 3/8"
WELL SCREEN INTERVAL DEPTH: feet to feet
STATIC DEPTH TO WATER (feet):
PURGE PUMP TYPE OR BAILER: BP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (15.50 feet – 8.20 feet) X (500 ml) gallons/foot = X 1.5 = 1.16 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (gallons/foot X feet) + (500 ml) gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 14
FINAL PUMP OR TUBING DEPTH IN WELL (feet): 14
PURGING INITIATED AT: 1000
PURGING ENDED AT: 1100
TOTAL VOLUME PURGED (gallons): 3.75gl

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (μmhos/cm or μS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1040		2.5gls	250ml	8.80	6.49	26.51	283	.26	1.7	Clear	None
1045	1250ml		250ml	8.81	6.50	26.58	277	.20	1.3	" "	" "
1050	1250ml		250ml	8.81	6.51	26.64	276	.18	1.3	" "	" "
1055	1250ml		250ml	8.81	6.51	26.67	276	.16	1.4	" "	" "
1100	1250ml		250ml	8.82	6.51	26.73	275	.16	1.3	" "	" "
					//	//	//	2%	//		
		3.75gls									

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: **Terry Foxworthy /ES I**
SAMPLER(S) SIGNATURES: Terry Foxworthy
SAMPLING INITIATED AT: 1101
SAMPLING ENDED AT: 1110
PUMP OR TUBING DEPTH IN WELL (feet): 5
SAMPLE PUMP FLOW RATE (mL per minute): 250 ml
TUBING MATERIAL CODE: PE
FIELD DECONTAMINATION: Y N XX
FIELD-FILTERED: Y N XX FILTER SIZE: _____ μm
Filtration Equipment Type:
DUPLICATE: Y N XX

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH		
			See Attached Chain of Custody					
							App I	
							App I	
							NH_4	

REMARKS: **FINAL WELL DEPTH** ft., **TOC 26.224** WE = 18.04

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

PART III ANALYTICAL RESULTS

Facility GMS #: SWD/58/51614

Sampling Date/Time: October 21, 2008/1221

Test Site ID #: 20589

Report Period: 2008/2nd Semi Annual & 4th Qtr. Evaluation Monitoring
(year/quarter)

Well Name: MW-12R

Well Purged (Y/N): Yes

Classification of Ground Water: G-II

Well Type: ( ) Background
(X) Intermediate
( ) Compliance
( ) Other

Ground Water Elevation (NGVD): 18.214'

or (MSL):

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	* Analysis Results/Units	Detection Limits/Units
	See Attached Analytical Report						

* Attach Laboratory Reports

PAS, Inc. 8 East Tower Cr., Ormond Beach, FL 32174-87 **Date:** *07-Nov-08*

Analytical Report

CLIENT:	Sarasota County	**Client Sample ID:**	102108 CLMW12R
Lab Order:	F08100930	**Collection Date:**	10/21/2008 12:21:00 PM
Project:	Central County Wells 10/21 MW	**Sample Description:**	20589
Lab ID:	F08100930-002	**Matrix:**	Groundwater

Analyses	Result	Qual	MDL	PQL	Units	DF	Date Analyzed	Batch ID
ICP METALS		SW6010	PrepDate:	10/23/2008 9:48:00			Analyst: TPI	
Arsenic	5.0	U	5.0	10	µg/L	1	10/24/08 04:59	56666
Barium	54		5.0	10	µg/L	1	10/24/08 04:59	56666
Beryllium	0.50	U	0.50	1.0	µg/L	1	10/24/08 04:59	56666
Cadmium	0.50	U	0.50	1.0	µg/L	1	10/24/08 04:59	56666
Calcium	140000		250	500	µg/L	1	10/24/08 04:59	56666
Chromium	2.5	U	2.5	5.0	µg/L	1	10/24/08 04:59	56666
Cobalt	5.0	U	5.0	10	µg/L	1	10/24/08 04:59	56666
Copper	2.5	U	2.5	5.0	µg/L	1	10/24/08 04:59	56666
Iron	370		20	40	µg/L	1	10/24/08 04:59	56666
Lead	5.0	U	5.0	10	µg/L	1	10/24/08 04:59	56666
Magnesium	27000		250	500	µg/L	1	10/24/08 04:59	56666
Nickel	2.7	I	2.5	5.0	µg/L	1	10/24/08 04:59	56666
Potassium	120000		250	500	µg/L	1	10/24/08 04:59	56666
Selenium	7.5	U	7.5	15	µg/L	1	10/24/08 04:59	56666
Silver	3.0	I	2.5	5.0	µg/L	1	10/24/08 04:59	56666
Sodium	64000		500	1000	µg/L	1	10/24/08 04:59	56666
Vanadium	6 2	I	5.0	10	µg/L	1	10/24/08 04:59	56666
Zinc	10	U	10	20	µg/L	1	10/24/08 04:59	56666
ICP/MS METALS		SW6020	PrepDate:	10/23/2008 9:48:00			Analyst: DSK	
Antimony	0.50	U	0.50	1.0	µg/L	1	10/28/08 00:48	56666
Thallium	0.50	U	0.50	1.0	µg/L	1	10/28/08 00:48	56666
MERCURY		SW7470	PrepDate:	10/24/2008 9:35:00			Analyst: SKA	
Mercury	0.033	I	0.020	0.10	µg/L	1	10/27/08 17:28	56667
8011: EDB AND DBCP		SW8011	PrepDate:	10/24/2008 2:00:00			Analyst: LMA	
1,2-Dibromo-3-chloropropane	0.0048	U	0.0048	0.020	µg/L	1	10/25/08 11:18	56692
Ethylene Dibromide	0.0061	U	0.0061	0.0098	µg/L	1	10/25/08 11:18	56692
NITROGEN, NITRATE		E353.2	PrepDate:				Analyst: SUB	
Nitrogen, Nitrate	0.050	U	0.050	0.20	mg/L	1	10/21/08 16:46	NA
NITROGEN, NITRATE-NITRITE		E353.2	PrepDate:				Analyst: SUB	
Nitrogen, Nitrate-Nitrite	0.050	U	0.050	0.20	mg/L	1	10/23/08 10:30	NA
NITROGEN, NITRITE		SM4500-NO2 B	PrepDate:				Analyst: SUB	
Nitrogen, Nitrite	0.0030	U	0.0030	0.012	mg/L	1	10/21/08 16:46	NA

Data Qualifier Code Key:				
	I	Analyte detected below quantitation limits	U	Not Detected Above the MDL
	V	Analyte detected in the associated Method Blank	x	Value exceeds Maximum Contaminant Level

Analytical Report

CLIENT: Sarasota County
Lab Order: F08100930
Project: Central County Wells 10/21 MW
Lab ID: F08100930-002

Client Sample ID: 102108 CLMW12R
Collection Date: 10/21/2008 12:21:00 PM
Sample Description: 20589
Matrix: Groundwater

Analyses	Result	Qual	MDL	PQL	Units	DF	Date Analyzed	Batch ID
8260: VOLATILE ORGANIC COMPOUNDS		**SW8260**	PrepDate:	**10/31/2008 10:00:00**			Analyst: **ALA**	
Acetone	5.0	U	5.0	10	µg/L	1	10/31/08 19:47	56922
Acrylonitrile	5.0	U	5.0	10	µg/L	1	10/31/08 19:47	56922
Benzene	0.50	U	0.50	1.0	µg/L	1	10/31/08 19:47	56922
Bromochloromethane	0.50	U	0.50	1.0	µg/L	1	10/31/08 19:47	56922
Bromodichloromethane	0.30	U	0.30	0.60	µg/L	1	10/31/08 19:47	56922
Bromoform	0.50	U	0.50	1.0	µg/L	1	10/31/08 19:47	56922
Bromomethane	0.50	U	0.50	1.0	µg/L	1	10/31/08 19:47	56922
2-Butanone	5.0	U	5.0	10	µg/L	1	10/31/08 19:47	56922
Carbon disulfide	0.50	U	0.50	1.0	µg/L	1	10/31/08 19:47	56922
Carbon tetrachloride	0.50	U	0.50	1.0	µg/L	1	10/31/08 19:47	56922
Chlorobenzene	0.50	U	0.50	1.0	µg/L	1	10/31/08 19:47	56922
Chloroethane	0.61	U	0.61	1.0	µg/L	1	10/31/08 19:47	56922
Chloroform	0.50	U	0.50	1.0	µg/L	1	10/31/08 19:47	56922
Chloromethane	0.50	U	0.50	1.0	µg/L	1	10/31/08 19:47	56922
Dibromochloromethane	0.25	U	0.25	0.50	µg/L	1	10/31/08 19:47	56922
Dibromomethane	0.50	U	0.50	1.0	µg/L	1	10/31/08 19:47	56922
trans-1,4-Dichloro-2-butene	5.0	U	5.0	10	µg/L	1	10/31/08 19:47	56922
1,2-Dichlorobenzene	0.51	U	0.51	1.0	µg/L	1	10/31/08 19:47	56922
1,4-Dichlorobenzene	0.50	U	0.50	1.0	µg/L	1	10/31/08 19:47	56922
1,1-Dichloroethane	0.50	U	0.50	1.0	µg/L	1	10/31/08 19:47	56922
1,2-Dichloroethane	0.50	U	0.50	1.0	µg/L	1	10/31/08 19:47	56922
1,1-Dichloroethene	0.50	U	0.50	1.0	µg/L	1	10/31/08 19:47	56922
cis-1,2-Dichloroethene	0.50	U	0.50	1.0	µg/L	1	10/31/08 19:47	56922
trans-1,2-Dichloroethene	0.52	U	0.52	1.0	µg/L	1	10/31/08 19:47	56922
1,2-Dichloropropane	0.50	U	0.50	1.0	µg/L	1	10/31/08 19:47	56922
cis-1,3-Dichloropropene	0.25	U	0.25	0.50	µg/L	1	10/31/08 19:47	56922
trans-1,3-Dichloropropene	0.25	U	0.25	0.50	µg/L	1	10/31/08 19:47	56922
Ethylbenzene	0.50	U	0.50	1.0	µg/L	1	10/31/08 19:47	56922
2-Hexanone	5.0	U	5.0	10	µg/L	1	10/31/08 19:47	56922
Iodomethane	0.50	U	0.50	1.0	µg/L	1	10/31/08 19:47	56922
4-Methyl-2-pentanone	5.0	U	5.0	10	µg/L	1	10/31/08 19:47	56922
Methylene chloride	2.5	U	2.5	5.0	µg/L	1	10/31/08 19:47	56922
Styrene	0.50	U	0.50	1.0	µg/L	1	10/31/08 19:47	56922
1,1,1,2-Tetrachloroethane	0.50	U	0.50	1.0	µg/L	1	10/31/08 19:47	56922
1,1,2,2-Tetrachloroethane	0.17	U	0.17	0.50	µg/L	1	10/31/08 19:47	56922
Tetrachloroethene	0.50	U	0.50	1.0	µg/L	1	10/31/08 19:47	56922

Data Qualifier Code Key:

I	Analyte detected below quantitation limits	U	Not Detected Above the MDL
V	Analyte detected in the associated Method Blank	x	Value exceeds Maximum Contaminant Level

PAS, Inc. 8 East Tower Cr., Ormond Beach, FL 32174-87 **Date:** *07-Nov-08*

Analytical Report

CLIENT: Sarasota County
Lab Order: F08100930
Project: Central County Wells 10/21 MW
Lab ID: F08100930-002

Client Sample ID: 102108 CLMW12R
Collection Date: 10/21/2008 12:21:00 PM
Sample Description: 20589
Matrix: Groundwater

Analyses	Result	Qual	MDL	PQL	Units	DF	Date Analyzed	Batch ID
8260: VOLATILE ORGANIC COMPOUNDS		**SW8260**	PrepDate:	**10/31/2008 10:00:00**			Analyst: **ALA**	
Toluene	0.50	U	0.50	1.0	µg/L	1	10/31/08 19:47	56922
1,1,1-Trichloroethane	0.50	U	0.50	1.0	µg/L	1	10/31/08 19:47	56922
1,1,2-Trichloroethane	0.50	U	0.50	1.0	µg/L	1	10/31/08 19:47	56922
Trichloroethene	0.50	U	0.50	1.0	µg/L	1	10/31/08 19:47	56922
Trichlorofluoromethane	0.66	U	0.66	1.0	µg/L	1	10/31/08 19:47	56922
1,2,3-Trichloropropane	0.30	U	0.30	0.50	µg/L	1	10/31/08 19:47	56922
Vinyl acetate	1.0	U	1.0	2.0	µg/L	1	10/31/08 19:47	56922
Vinyl chloride	0.53	U	0.53	1.0	µg/L	1	10/31/08 19:47	56922
Xylenes, Total	1.0	U	1.0	3.0	µg/L	1	10/31/08 19:47	56922
Surr: 4-Bromofluorobenzene	94.1		0	70-114	%REC	1	10/31/08 19:47	56922
Surr: Dibromofluoromethane	97.4		0	88-117	%REC	1	10/31/08 19:47	56922
Surr: 1,2-Dichloroethane-d4	99.4		0	86-125	%REC	1	10/31/08 19:47	56922
Surr: Toluene-d8	99.3		0	87-113	%REC	1	10/31/08 19:47	56922
ALKALINITY AS CACO3		**SM2320 B**	PrepDate:				Analyst: **TKE**	
Alkalinity, Bicarbonate (As CaCO3)	350		5.0	5.0	mg/L	1	10/27/08 21:22	R72999
Alkalinity, Carbonate (As CaCO3)	5.0	U	5.0	5.0	mg/L	1	10/27/08 21:22	R72999
Alkalinity, Total (As CaCO3)	350		5.0	5.0	mg/L	1	10/27/08 21:22	R72999
ANIONS BY ION CHROMATOGRAPHY		**E300.0**	PrepDate:				Analyst: **ACO**	
Chloride	120		0.11	2.5	mg/L	5	10/24/08 12:59	R72969A
Sulfate	170		0.28	2.5	mg/L	5	10/24/08 12:59	R72969A
NITROGEN, AMMONIA		**E350.1**	PrepDate:				Analyst: **TKE**	
Nitrogen, Ammonia (As N)	1.2		0.020	0.050	mg/L	1	10/24/08 15:43	R72904B
SOLIDS, TOTAL DISSOLVED		**SM2540 C**	PrepDate:	**10/23/2008 1:12:02**			Analyst: **TM**	
Solids, Total Dissolved	960	V	5.0	5.0	mg/L	1	10/23/08 11:11	56647

Data Qualifier Code Key:

I	Analyte detected below quantitation limits	U	Not Detected Above the MDL
V	Analyte detected in the associated Method Blank	x	Value exceeds Maximum Contaminant Level

ATTACHMENT G

DEP-SOP-001/01
FS 2200 Groundwater Sampling
Form FD 9000-24

GROUNDWATER SAMPLING LOG

FACILITY NAME: **Central County Solid Waste Disposal**	FACILITY LOCATION: **4000 Knights Trail Road**	
MONITORING_SITE_NUM: **MW-12R**	WACS_WELL: **20589**	DATE: 10-21-08

PURGING DATA

WELL DIAMETER (inches): **2"**	TUBING DIAMETER (inches): **3/8"**	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER: **BP**

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (15.00 feet – 8.42 feet) X **0.16** (500 ml) gallons/foot = X 1.5 = 1.05 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (gallons/foot X feet) + (500 ml) gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): **14**	FINAL PUMP OR TUBING DEPTH IN WELL (feet): **14**	PURGING INITIATED AT: 1120	PURGING ENDED AT: 1220	TOTAL VOLUME PURGED (gallons): 3.75gls

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (μmhos/cm or μS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1200		2.50gls	250 ml	8.90	6.47	27.59	510	.36	4.2	CLEAR	NONE
1205	1250 ml		250 ml	8.90	6.46	27.45	504	.22	3.0	" "	" "
1210	1250 ml		250 ml	8.91	6.47	27.46	495	.22	2.7	" "	" "
1215	1250 ml		250 ml	8.92	6.47	27.47	490	.20	3.0	" "	" "
1220	1250 ml		250 ml	8.93	6.47	27.46	488	.21	3.6	" "	" "
					//	//	//	2.6%	//		
		3.75gls									

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: **Terry Foxworthy /ES I**	SAMPLER(S) SIGNATURES: Terry Foxworthy	SAMPLING INITIATED AT: 1221	SAMPLING ENDED AT: 1230
PUMP OR TUBING DEPTH IN WELL (feet): **14**	SAMPLE PUMP FLOW RATE (mL per minute): ~~200~~ 250 ml	TUBING MATERIAL CODE: **PE**	
FIELD DECONTAMINATION: Y N **XX**	FIELD-FILTERED: Y N **XX** FILTER SIZE: ____ μm Filtration Equipment Type:	DUPLICATE: Y N **XX**	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH		
See Attached Chain of Custody							App I	
							pp I	
							NH_4	

REMARKS: **FINAL WELL DEPTH ft best pump rate 200 ml per minute, TOC 26.634** WL = 18.214

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

PART III ANALYTICAL RESULTS

Facility GMS #: SWD/58/51614

Sampling Date/Time: October 15, 2008/1106

Test Site ID #: 22883

Report Period: : 2008 4th Qtr. Evaluation Monitoring
(year/quarter)

Well Name: CW-8A

Well Purged (Y/N): Yes

Classification of Ground Water: G-II

Well Type: ( ) Background
( ) Intermediate
(X) Compliance
( ) Other

Ground Water Elevation (NGVD): 18.372'

or (MSL):

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	* Analysis Results/Units	Detection Limits/Units
	See Attached Analytical Report						

* Attach Laboratory Reports

PAS, Inc. 8 East Tower Cr., Ormond Beach, FL 32174-87 **Date:** *05-Dec-08*

Analytical Report

CLIENT:	Sarasota County	**Client Sample ID:**	101508 CW8A
Lab Order:	F08100772	**Collection Date:**	10/15/2008 10:16:00 AM
Project:	Central County Wells 10/15 MW	**Sample Description:**	22883
Lab ID:	F08100772-004	**Matrix:**	Groundwater

Analyses	Result	Qual	MDL	PQL	Units	DF	Date Analyzed	Batch ID
ICP METALS		**SW6010**	PrepDate:	**10/20/2008 8:45:00**			Analyst: **TPI**	
Arsenic	42		5.0	10	µg/L	1	10/20/08 17:30	56565
Iron	59000		20	40	µg/L	1	10/20/08 17:30	56565
Sodium	39000		500	1000	µg/L	1	10/20/08 17:30	56565
ICP/MS METALS		**SW6020**	PrepDate:	**10/20/2008 8:45:00**			Analyst: **DSK**	
Antimony	0.50	U	0.50	1.0	µg/L	1	10/21/08 14:41	56565
ANIONS BY ION CHROMATOGRAPHY		**E300.0**	PrepDate:				Analyst: **ACO**	
Chloride	77		0.021	0.50	mg/L	1	10/23/08 21:47	R72907B
Sulfate	8.1		0.055	0.50	mg/L	1	10/23/08 21:47	R72907B
NITROGEN, AMMONIA		**E350.1**	PrepDate:				Analyst: **TKE**	
Nitrogen, Ammonia (As N)	4.1		0.020	0.050	mg/L	1	10/21/08 13:12	R72714I
SOLIDS, TOTAL DISSOLVED		**SM2540 C**	PrepDate:	**10/21/2008**			Analyst: **TM**	
Solids, Total Dissolved	500		5.0	5.0	mg/L	1	10/21/08 16:14	56588

Data Qualifier Code Key:

I	Analyte detected below quantitation limits	U	Not Detected Above the MDL
x	Value exceeds Maximum Contaminant Level		

GROUNDWATER SAMPLING LOG

FACILITY NAME: Central County Solid Waste Disposal	FACILITY LOCATION: 4000 Knights Trail Road	
MONITORING_SITE_NUM: CW-8A	WACS_WELL: 22883	DATE: 10-15-08

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): 3/8"	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER: BP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (15.50 feet – 7.76 feet) X (500 ml) gallons/foot = x = .16 gallons 1.23 .

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (gallons/foot X feet) + (500 ml) gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 14	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 14	PURGING INITIATED AT: 1030	PURGING ENDED AT: 1105	TOTAL VOLUME PURGED (gallons): 4.37gl.

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1050		2.5gls	500mL	8.24	5.82	26.99	345	.35	4.3	Yellow tint clear	None.
1055	2500mL		500mL	8.24	5.76	27.01	344	.37	3.6	" "	" "
1100	2500mL		500mL	8.24	5.75	27.02	336	.38	4.0	" "	" "
1105	2500mL		500mL	8.23	5.74	27.03	334	.39	3.9	" "	" "
		4.37gl									

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Terry Foxworthy /ES I	SAMPLER(S) SIGNATURES: Terry Foxworthy	SAMPLING INITIATED AT: 1106	SAMPLING ENDED AT: 1114
PUMP OR TUBING DEPTH IN WELL (feet): 14	SAMPLE PUMP FLOW RATE (mL per minute): ~~300~~ 500ml ml	TUBING MATERIAL CODE: PE	
FIELD DECONTAMINATION: Y N XX	FIELD-FILTERED: Y N XX FILTER SIZE: ____ µm Filtration Equipment Type:	DUPLICATE: Y N XX	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH		
			See Attached Chain of Custody					

REMARKS: Final SDTW the best purge rate was 300ml. TOC 26.132 WE = 18.372

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

PART III ANALYTICAL RESULTS

Facility GMS #: SWD/58/51614

Sampling Date/Time: October 20, 2008/0857

Test Site ID #: 22884

Report Period: 2008/4th Quarter Evaluation Monitoring
(year/quarter)

Well Name: CW-9

Well Purged (Y/N): Yes

Classification of Ground Water: G-II

Well Type: ( ) Background
( ) Intermediate
(X) Compliance
( ) Other

Ground Water Elevation (NGVD): 18.912'

or (MSL):

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	* Analysis Results/Units	Detection Limits/Units
	See Attached Analytical Report						

* Attach Laboratory Reports

PAS, Inc. 8 East Tower Cr., Ormond Beach, FL 32174-87 **Date:** 04-Nov-08

Analytical Report

CLIENT:	Sarasota County	**Client Sample ID:**	102008 CW9
Lab Order:	F08100928	**Collection Date:**	10/20/2008 9:05:00 AM
Project:	Central County Wells 10/20 CW	**Sample Description:**	22884
Lab ID:	F08100928-001	**Matrix:**	Groundwater

Analyses	Result	Qual	MDL	PQL	Units	DF	Date Analyzed	Batch ID
ICP METALS		**SW6010**	PrepDate:	**10/23/2008 9:48:00**			Analyst: **TPI**	
Arsenic	98		5.0	10	µg/L	1	10/24/08 04:32	56666
Iron	43000		20	40	µg/L	1	10/24/08 04:32	56666
Sodium	52000		500	1000	µg/L	1	10/24/08 04:32	56666
ICP/MS METALS		**SW6020**	PrepDate:	**10/23/2008 9:48:00**			Analyst: **DSK**	
Antimony	0.50	U	0.50	1.0	µg/L	1	10/28/08 00:12	56666
NITROGEN, NITRATE		**E353.2**	PrepDate:				Analyst: **SUB**	
Nitrogen, Nitrate	0.0040	U	0.0040	0.016	mg/L	1	10/21/08 09:24	NA
NITROGEN, NITRATE-NITRITE		**E353.2**	PrepDate:				Analyst: **SUB**	
Nitrogen, Nitrate-Nitrite	0.0040	U	0.0040	0.016	mg/L	1	10/21/08 11:00	NA
NITROGEN, NITRITE		**SM4500-NO2 B**	PrepDate:				Analyst: **SUB**	
Nitrogen, Nitrite	0.0030	U	0.0030	0.012	mg/L	1	10/21/08 09:24	NA
ANIONS BY ION CHROMATOGRAPHY		**E300.0**	PrepDate:				Analyst: **ACO**	
Chloride	42		0.11	2.5	mg/L	5	10/24/08 06:23	R72907C
Sulfate	0.40	I	0.28	2.5	mg/L	5	10/24/08 06:23	R72907C
NITROGEN, AMMONIA		**E350.1**	PrepDate:				Analyst: **TKE**	
Nitrogen, Ammonia (As N)	12		0.020	0.050	mg/L	1	10/24/08 12:40	R72904B
SOLIDS, TOTAL DISSOLVED		**SM2540 C**	PrepDate:	**10/23/2008 1:12:02**			Analyst: **TM**	
Solids, Total Dissolved	870	V	5 0	5.0	mg/L	1	10/23/08 11:07	56647

Data Qualifier Code Key:	I	Analyte detected below quantitation limits	U	Not Detected Above the MDL
	V	Analyte detected in the associated Method Blank	x	Value exceeds Maximum Contaminant Level

ATTACHMENT G

DEP-SOP-001/01
FS 2200 Groundwater Sampling
Form FD 9000-24

GROUNDWATER SAMPLING LOG

FACILITY NAME: **Central County Solid Waste Disposal**		FACILITY LOCATION: **4000 Knights Trail Road**
MONITORING_SITE_NUM: **CW-9**	WACS_WELL: **22884**	DATE: 10-20-08

PURGING DATA

WELL DIAMETER (inches): **2"**	TUBING DIAMETER (inches): **3/8"**	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER: **BP**

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (15.54 feet – 7.67 feet) X (500 ml) gallons/foot = x 1.5 = gallons 1.26

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (gallons/foot X feet) + (500 ml) gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): **14**	FINAL PUMP OR TUBING DEPTH IN WELL (feet): **14**	PURGING INITIATED AT: 0825	PURGING ENDED AT: 0856	TOTAL VOLUME PURGED (gallons): 3.78 gal

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
0840		1.87 gl	250 ml	8.25	6.50	25.61	568	.22	6.1	yellow tint	None
0845	1250 ml		250 ml	8.25	6.51	25.74	569	.23	5.3	" "	" "
0850	1250 ml		250 ml	8.25	6.52	25.80	570	.24	5.7	" "	" "
0855	1250 ml		250 ml	8.26	6.52	25.80	570	.24	5.6	" "	" "
					//	//	//	//	//		
		3.78 gl									

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: **Terry Foxworthy /ES I**	SAMPLER(S) SIGNATURES: Terry Foxworthy	SAMPLING INITIATED AT: 0857	SAMPLING ENDED AT 0905
PUMP OR TUBING DEPTH IN WELL (feet): **14**	SAMPLE PUMP FLOW RATE (mL per minute): ~~**300/200**~~ 250 **ml**	TUBING MATERIAL CODE: **PE**	
FIELD DECONTAMINATION: Y N **XX**	FIELD-FILTERED: Y N **XX** FILTER SIZE: ____ µm Filtration Equipment Type:	DUPLICATE: Y N **XX**	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH		
			See Attached Chain of Custody					

REMARKS: **Final Water leve , Best purge rate 200 ml (0.255 gm). TOC 26.582**
WL = 18.912

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. **STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)**
pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

PART III ANALYTICAL RESULTS

Facility GMS #: SWD/58/51614

Sampling Date/Time: October 20, 2008/1016

Test Site ID #: 22885

Report Period: 2008/4th Quarter Evaluation Monitoring
(year/quarter)

Well Name: CW-10R

Well Purged (Y/N): Yes

Classification of Ground Water: G-II

Well Type: ( ) Background
( ) Intermediate
(X) Compliance
( ) Other

Ground Water Elevation (NGVD): 19.112'

or (MSL):

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	* Analysis Results/Units	Detection Limits/Units
	See Attached Analytical Report						

* Attach Laboratory Reports

PAS, Inc. 8 East Tower Cr., Ormond Beach, FL 32174-87 **Date:** *04-Nov-08*

Analytical Report

CLIENT:	Sarasota County	**Client Sample ID:**	102008 CW10R
Lab Order:	F08100928	**Collection Date:**	10/20/2008 10:25:00 AM
Project:	Central County Wells 10/20 CW	**Sample Description:**	22885
Lab ID:	F08100928-002	**Matrix:**	Groundwater

Analyses	Result	Qual	MDL	PQL	Units	DF	Date Analyzed	Batch ID
ICP METALS		**SW6010**	PrepDate:	**10/23/2008 9:48:00**			Analyst: **TPI**	
Arsenic	11		5.0	10	µg/L	1	10/24/08 04:35	56666
Iron	14000		20	40	µg/L	1	10/24/08 04:35	56666
Sodium	56000		500	1000	µg/L	1	10/24/08 04:35	56666
ICP/MS METALS		**SW6020**	PrepDate:	**10/23/2008 9:48:00**			Analyst: **DSK**	
Antimony	0.60	I	0.50	1.0	µg/L	1	10/28/08 00:28	56666
NITROGEN, NITRATE		**E353.2**	PrepDate:				Analyst: **SUB**	
Nitrogen, Nitrate	0.0040	U	0.0040	0.016	mg/L	1	10/21/08 09:24	NA
NITROGEN, NITRATE-NITRITE		**E353.2**	PrepDate:				Analyst: **SUB**	
Nitrogen, Nitrate-Nitrite	0.0040	U	0.0040	0.016	mg/L	1	10/21/08 11:00	NA
NITROGEN, NITRITE		**SM4500-NO2 B**	PrepDate:				Analyst: **SUB**	
Nitrogen, Nitrite	0.0030	U	0.0030	0.012	mg/L	1	10/21/08 09:24	NA
ANIONS BY ION CHROMATOGRAPHY		**E300.0**	PrepDate:				Analyst: **ACO**	
Chloride	51		0.21	5.0	mg/L	10	10/24/08 12:26	R72969A
Sulfate	340		0.55	5.0	mg/L	10	10/24/08 12:26	R72969A
NITROGEN, AMMONIA		**E350.1**	PrepDate:				Analyst: **TKE**	
Nitrogen, Ammonia (As N)	2.2		0.020	0.050	mg/L	1	10/24/08 12:44	R72904B
SOLIDS, TOTAL DISSOLVED		**SM2540 C**	PrepDate:	**10/23/2008 1:12:02**			Analyst: **TM**	
Solids, Total Dissolved	1200	V	5.0	5.0	mg/L	1	10/23/08 11:08	56647

Data Qualifier Code Key:				
	I	Analyte detected below quantitation limits	U	Not Detected Above the MDL
	V	Analyte detected in the associated Method Blank	x	Value exceeds Maximum Contaminant Level

ATTACHMENT G

DEP-SOP-001/01
FS 2200 Groundwater Sampling
Form FD 9000-24

GROUNDWATER SAMPLING LOG

FACILITY NAME: **Central County Solid Waste Disposal**	FACILITY LOCATION: **4000 Knights Trail Road**	
MONITORING_SITE_NUM: **CW-10R**	WACS_WELL: **22885**	DATE: 10-20-08

PURGING DATA

WELL DIAMETER (inches): **2"**	TUBING DIAMETER (inches): **3/8"**	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER: **BP**

WELL VOLUME PURGE: **1 WELL VOLUME** = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (15.50 feet – 7.87 feet) X (500 ml) gallons/foot = **x 1.5=** 1.22 gallons

EQUIPMENT VOLUME PURGE: **1 EQUIPMENT VOL.** = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (gallons/foot X feet) + (500 ml) gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): **14**	FINAL PUMP OR TUBING DEPTH IN WELL (feet): **14**	PURGING INITIATED AT: 0915	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons): 3.75 gls.

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle ~~mg/L or~~ % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
0945		1.87 gls	250 ml	8.57	6.18	25.45	562	.28	2.4	CLEAR	NONE
0950	1000 ml		250 ml	8.56	6.18	25.50	562	.32	2.1	" "	" "
0955	1000 ml		250 ml	8.57	6.18	25.49	562	.33	2.0	" "	" "
1000	1000 ml		250 ml	8.56	6.18	25.48	562	.33	2.0	" "	" "
1005	1000 ml		250 ml	8.56	6.17	25.49	562	.35	2.1	" "	" "
1010	1000 ml		250 ml	8.56	6.17	25.49	562	.35	2.1	" "	" "
~~1015~~	~~1000 ml~~	3.75 gls	~~250 ml~~	~~8.57~~	~~6.17~~	~~25.50~~	~~562~~	~~.35~~	~~2.1~~	" "	" "

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: **Terry Foxworthy /ES I**	SAMPLER(S) SIGNATURES: Terry Foxworthy	SAMPLING INITIATED AT: 1016	SAMPLING ENDED AT: 1021
PUMP OR TUBING DEPTH IN WELL (feet): **14**	SAMPLE PUMP FLOW RATE (mL per minute): ~~300 ml~~ 250 ml	TUBING MATERIAL CODE: **PE**	
FIELD DECONTAMINATION: Y N **XX**	FIELD-FILTERED: Y N **XX** FILTER SIZE: ____ µm Filtration Equipment Type:	DUPLICATE: Y N **XX**	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH		

See Attached Chain of Custody

REMARKS: TOC 26. 982, 300 ml is the best purge rate. WC = 19.112

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

PART III ANALYTICAL RESULTS

Facility GMS #: SWD/58/51614

Sampling Date/Time: October 21, 2008/0941

Test Site ID #: 22886

Report Period: 2008/4th Quarter Evaluation Monitoring
(year/quarter)

Well Name: CW-11R

Well Purged (Y/N): Yes

Classification of Ground Water: G-II

Well Type: ( ) Background
( ) Intermediate
(X) Compliance
( ) Other

Ground Water Elevation (NGVD): 17.864'

or (MSL):

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	* Analysis Results/Units	Detection Limits/Units
	See Attached Analytical Report						

* Attach Laboratory Reports

PAS, Inc. 8 East Tower Cr., Ormond Beach, FL 32174-87 **Date:** *04-Nov-08*

Analytical Report

CLIENT:	Sarasota County	**Client Sample ID:**	102108 CW11R
Lab Order:	F08100931	**Collection Date:**	10/21/2008 9:41:00 AM
Project:	Central County Wells 10/21 CW	**Sample Description:**	22886
Lab ID:	F08100931-001	**Matrix:**	Groundwater

Analyses	Result	Qual	MDL	PQL	Units	DF	Date Analyzed	Batch ID
ICP METALS		**SW6010**	PrepDate:	**10/23/2008 9:48:00**			Analyst: **TPI**	
Arsenic	34		5.0	10	µg/L	1	10/24/08 05:07	56666
Iron	18000		20	40	µg/L	1	10/24/08 05:07	56666
Sodium	31000		500	1000	µg/L	1	10/24/08 05:07	56666
ICP/MS METALS		**SW6020**	PrepDate:	**10/23/2008 9:48:00**			Analyst: **DSK**	
Antimony	0.50	U	0.50	1.0	µg/L	1	10/28/08 00:59	56666
NITROGEN, NITRATE		**E353.2**	PrepDate:				Analyst: **SUB**	
Nitrogen, Nitrate	0.050	U	0.050	0.20	mg/L	1	10/21/08 16:46	NA
NITROGEN, NITRATE-NITRITE		**E353.2**	PrepDate:				Analyst: **SUB**	
Nitrogen, Nitrate-Nitrite	0.050	U	0.050	0.20	mg/L	1	10/23/08 10:30	NA
NITROGEN, NITRITE		**SM4500-NO2 B**	PrepDate:				Analyst: **SUB**	
Nitrogen, Nitrite	0.0030	U	0.0030	0.012	mg/L	1	10/21/08 16:46	NA
ANIONS BY ION CHROMATOGRAPHY		**E300.0**	PrepDate:				Analyst: **ACO**	
Chloride	17		0.043	1.0	mg/L	2	10/24/08 14:02	R72969A
Sulfate	7.9		0.11	1.0	mg/L	2	10/24/08 14:02	R72969A
NITROGEN, AMMONIA		**E350.1**	PrepDate:				Analyst: **TKE**	
Nitrogen, Ammonia (As N)	2.6		0.020	0.050	mg/L	1	10/24/08 12:56	R72904B
SOLIDS, TOTAL DISSOLVED		**SM2540 C**	PrepDate:	**10/23/2008 1:12:02**			Analyst: **TM**	
Solids, Total Dissolved	640	Vx	5.0	5.0	mg/L	1	10/23/08 11:14	56647

Data Qualifier Code Key:

- U Not Detected Above the MDL
- x Value exceeds Maximum Contaminant Level
- V Analyte detected in the associated Method Blank

ATTACHMENT G

DEP-SOP-001/01
FS 2200 Groundwater Sampling
Form FD 9000-24

GROUNDWATER SAMPLING LOG

FACILITY NAME: **Central County Solid Waste Disposal**	FACILITY LOCATION: **4000 Knights Trail Road**	
MONITORING_SITE_NUM: **CW-11R**	WACS_WELL: **22886**	DATE: 10-21-08

PURGING DATA

WELL DIAMETER (inches): **2"**	TUBING DIAMETER (inches): **3/8"**	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER: BP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH − STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (15.50 feet − 7.85 feet) X (500 ml) gallons/foot = x 1.5= 1.22 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (gallons/foot X feet) + (500 ml) gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): **14**	FINAL PUMP OR TUBING DEPTH IN WELL (feet): **14**	PURGING INITIATED AT: 0840	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (μmhos/cm or μS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
0920		2.50gl	250ml	810	6.24	26.67	368	.23	2.7	Yellow tint	NONE
0925	1250ml		250ml	811	6.25	26.68	370	.23	2.3	" "	" "
0930	1250ml		250ml	812	6.25	26.72	370	.24	1.9	CLEAR	" "
0935	1250ml		250ml	812	6.25	26.72	371	.25	1.9	CLEAR	" "
0940	1250ml		250ml	813	6.26	26.71	371	.24	1.8	" "	" "
					//	//	//	3%	//		

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: **Terry Foxworthy /ES I**	SAMPLER(S) SIGNATURES: Terry Foxworthy	SAMPLING INITIATED AT: 0941	SAMPLING ENDED AT: 0950
PUMP OR TUBING DEPTH IN WELL (feet):	SAMPLE PUMP FLOW RATE (mL per minute): 250 ml	TUBING MATERIAL CODE: PE	
FIELD DECONTAMINATION: Y N XX	FIELD-FILTERED: Y N XX FILTER SIZE: ____ μm Filtration Equipment Type:	DUPLICATE: Y N XX	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH		

See Attached Chain of Custody

REMARKS: TOC 25.714
Rate for purge 100 ml.s
WE = 17.864

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump, PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: **1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Central County Wells 10/15 MW
PARAMETER MONITORING REPORT
Ground Water (Rule 62-520.400,.420, .460)
Surface Water (Rule 62-302.500, .510, .503)
Leachate (Rule 62-701.510)
LAB Submission Number: F08100772
Sample Number: F08100772-001

Facility WACS:	SWD/58/51614	**Sample Date/Time:**	10/15/2008 9:06:00 AM
Well/Sampling Point WACS:	20585	**Report Period:**	2nd Semiannual 2008
Well/Sampling Point Name:	101508 CLMW1R	**Well Purged:**	YES
Classification of Groundwater:	G-II	**Well Type:**	Background
Ground Water Elevation: (NGV	18.218		

Storet Code	Parameter Monitored	Sampling Method	Filtered Y/N	Analysis Method	Analysis Date	Analysis Result	Q	Units	Detection Limits
	Metals								
01002	Arsenic	Grab	N	SW6010	10/20/2008	5.0	U	µg/L	5.0
01007	Barium	Grab	N	SW6010	10/20/2008	24		µg/L	5.0
01012	Beryllium	Grab	N	SW6010	10/20/2008	0.50	U	µg/L	0.50
01027	Cadmium	Grab	N	SW6010	10/20/2008	0.50	U	µg/L	0.50
00916	Calcium	Grab	N	SW6010	10/20/2008	85000		µg/L	250
01034	Chromium	Grab	N	SW6010	10/20/2008	2.5	U	µg/L	2.5
01037	Cobalt	Grab	N	SW6010	10/20/2008	5.0	U	µg/L	5.0
01042	Copper	Grab	N	SW6010	10/20/2008	2.5	U	µg/L	2.5
01045	Iron	Grab	N	SW6010	10/20/2008	2600	X	µg/L	20
01051	Lead	Grab	N	SW6010	10/20/2008	5.0	U	µg/L	5.0
00927	Magnesium	Grab	N	SW6010	10/20/2008	19000		µg/L	250
01067	Nickel	Grab	N	SW6010	10/20/2008	2.5	U	µg/L	2.5
00937	Potassium	Grab	N	SW6010	10/20/2008	1200		µg/L	250
01147	Selenium	Grab	N	SW6010	10/20/2008	7.5	U	µg/L	7.5
01077	Silver	Grab	N	SW6010	10/20/2008	2.5	U	µg/L	2.5
00929	Sodium	Grab	N	SW6010	10/20/2008	18000		µg/L	500
01087	Vanadium	Grab	N	SW6010	10/20/2008	5.0	U	µg/L	5.0
01092	Zinc	Grab	N	SW6010	10/20/2008	10	U	µg/L	10
01097	Antimony	Grab	N	SW6020	10/21/2008	0.50	U	µg/L	0.50
01059	Thallium	Grab	N	SW6020	10/21/2008	0.50	U	µg/L	0.50
71900	Mercury	Grab	N	SW7470	10/23/2008	0.020	U	µg/L	0.020
	SemiVolatiles								
49146	1,2-Dibromo-3-chloropropane	Grab	N	SW8011	10/25/2008	0.0048	U	µg/L	0.0048
77651	Ethylene Dibromide	Grab	N	SW8011	10/25/2008	0.0061	U	µg/L	0.0061
	SUB								
00620	Nitrogen, Nitrate	Grab	N	E353.2	10/16/2008	0.0040	U	mg/L	0.0040
00630	Nitrogen, Nitrate-Nitrite	Grab	N	E353.2	10/16/2008	0.0040	U	mg/L	0.0040
00615	Nitrogen, Nitrite	Grab	N	SM4500-	10/16/2008	0.0030	U	mg/L	0.0030
	Volatiles								
81552	Acetone	Grab	N	SW8260	10/20/2008	5.0	U	µg/L	5.0

Data Qualifier Code Key:
I Analyte detected below quantitation limits
U Not Detected Above the MDL
x Value exceeds Maximum Contaminant Level

Central County Wells 10/15 MW
PARAMETER MONITORING REPORT
Ground Water (Rule 62-520.400,.420, .460)
Surface Water (Rule 62-302.500, .510, .503)
Leachate (Rule 62-701.510)
LAB Submission Number: F08100772
Sample Number: F08100772-001

Facility WACS:	SWD/58/51614	**Sample Date/Time:**	10/15/2008 9:06:00 AM
Well/Sampling Point WACS:	20585	**Report Period:**	2nd Semiannual 2008
Well/Sampling Point Name:	101508 CLMW1R	**Well Purged:**	YES
Classification of Groundwater:	G-II	**Well Type:**	Background
Ground Water Elevation: (NGV	18.218		

Storet Code	Parameter Monitored	Sampling Method	Filtered Y/N	Analysis Method	Analysis Date	Analysis Result	Q	Units	Detection Limits
34215	Acrylonitrile	Grab	N	SW8260	10/20/2008	5.0	U	µg/L	5.0
34030	Benzene	Grab	N	SW8260	10/20/2008	0.50	U	µg/L	0.50
73085	Bromochloromethane	Grab	N	SW8260	10/20/2008	0.50	U	µg/L	0.50
32101	Bromodichloromethane	Grab	N	SW8260	10/20/2008	0.30	U	µg/L	0.30
32104	Bromoform	Grab	N	SW8260	10/20/2008	0.50	U	µg/L	0.50
34413	Bromomethane	Grab	N	SW8260	10/20/2008	0.50	U	µg/L	0.50
81595	2-Butanone	Grab	N	SW8260	10/20/2008	5.0	U	µg/L	5.0
77041	Carbon disulfide	Grab	N	SW8260	10/20/2008	0.50	U	µg/L	0.50
32102	Carbon tetrachloride	Grab	N	SW8260	10/20/2008	0.50	U	µg/L	0.50
34301	Chlorobenzene	Grab	N	SW8260	10/20/2008	0.50	U	µg/L	0.50
34311	Chloroethane	Grab	N	SW8260	10/20/2008	0.61	U	µg/L	0.61
32106	Chloroform	Grab	N	SW8260	10/20/2008	0.50	U	µg/L	0.50
34418	Chloromethane	Grab	N	SW8260	10/20/2008	0.50	U	µg/L	0.50
32105	Dibromochloromethane	Grab	N	SW8260	10/20/2008	0.25	U	µg/L	0.25
77596	Dibromomethane	Grab	N	SW8260	10/20/2008	0.50	U	µg/L	0.50
77268	trans-1,4-Dichloro-2-butene	Grab	N	SW8260	10/20/2008	5.0	U	µg/L	5.0
34536	1,2-Dichlorobenzene	Grab	N	SW8260	10/20/2008	0.51	U	µg/L	0.51
34571	1,4-Dichlorobenzene	Grab	N	SW8260	10/20/2008	0.50	U	µg/L	0.50
34496	1,1-Dichloroethane	Grab	N	SW8260	10/20/2008	0.50	U	µg/L	0.50
34531	1,2-Dichloroethane	Grab	N	SW8260	10/20/2008	0.50	U	µg/L	0.50
34501	1,1-Dichloroethene	Grab	N	SW8260	10/20/2008	0.50	U	µg/L	0.50
77093	cis-1,2-Dichloroethene	Grab	N	SW8260	10/20/2008	0.50	U	µg/L	0.50
34546	trans-1,2-Dichloroethene	Grab	N	SW8260	10/20/2008	0.52	U	µg/L	0.52
34541	1,2-Dichloropropane	Grab	N	SW8260	10/20/2008	0.50	U	µg/L	0.50
34704	cis-1,3-Dichloropropene	Grab	N	SW8260	10/20/2008	0.25	U	µg/L	0.25
34699	trans-1,3-Dichloropropene	Grab	N	SW8260	10/20/2008	0.25	U	µg/L	0.25
34371	Ethylbenzene	Grab	N	SW8260	10/20/2008	0.50	U	µg/L	0.50
77103	2-Hexanone	Grab	N	SW8260	10/20/2008	5.0	U	µg/L	5.0
77424	Iodomethane	Grab	N	SW8260	10/20/2008	0.50	U	µg/L	0.50
81596	4-Methyl-2-pentanone	Grab	N	SW8260	10/20/2008	5.0	U	µg/L	5.0
34423	Methylene chloride	Grab	N	SW8260	10/20/2008	2.5	U	µg/L	2.5
77128	Styrene	Grab	N	SW8260	10/20/2008	0.50	U	µg/L	0.50
77562	1,1,1,2-Tetrachloroethane	Grab	N	SW8260	10/20/2008	0.50	U	µg/L	0.50

Data Qualifier Code Key:
I Analyte detected below quantitation limits
x Value exceeds Maximum Contaminant Level
U Not Detected Above the MDL

Central County Wells 10/15 MW

PARAMETER MONITORING REPORT

Ground Water (Rule 62-520.400,.420, .460)

Surface Water (Rule 62-302.500, .510, .503)

Leachate (Rule 62-701.510)

LAB Submission Number: F08100772

Sample Number: F08100772-001

Facility WACS:	SWD/58/51614	**Sample Date/Time:**	10/15/2008 9:06:00 AM
Well/Sampling Point WACS:	20585	**Report Period:**	2nd Semiannual 2008
Well/Sampling Point Name:	101508 CLMW1R	**Well Purged:**	YES
Classification of Groundwater:	G-II	**Well Type:**	Background
Ground Water Elevation: (NGV	18.218		

Storet Code	Parameter Monitored	Sampling Method	Filtered Y/N	Analysis Method	Analysis Date	Analysis Result	Q	Units	Detection Limits
34516	1,1,2,2-Tetrachloroethane	Grab	N	SW8260	10/20/2008	0.17	U	µg/L	0.17
34475	Tetrachloroethene	Grab	N	SW8260	10/20/2008	0.50	U	µg/L	0.50
34010	Toluene	Grab	N	SW8260	10/20/2008	0.50	U	µg/L	0.50
34506	1,1,1-Trichloroethane	Grab	N	SW8260	10/20/2008	0.50	U	µg/L	0.50
34511	1,1,2-Trichloroethane	Grab	N	SW8260	10/20/2008	0.50	U	µg/L	0.50
39180	Trichloroethene	Grab	N	SW8260	10/20/2008	0.50	U	µg/L	0.50
34488	Trichlorofluoromethane	Grab	N	SW8260	10/20/2008	0.66	U	µg/L	0.66
77443	1,2,3-Trichloropropane	Grab	N	SW8260	10/20/2008	0.30	U	µg/L	0.30
77057	Vinyl acetate	Grab	N	SW8260	10/20/2008	1.0	U	µg/L	1.0
39175	Vinyl chloride	Grab	N	SW8260	10/20/2008	0.53	U	µg/L	0.53
34020	Xylenes, Total	Grab	N	SW8260	10/20/2008	1.0	U	µg/L	1.0
	WetChem								
00940	Chloride	Grab	N	E300.0	10/23/2008	24		mg/L	0.021
00945	Sulfate	Grab	N	E300.0	10/23/2008	14		mg/L	0.055
00610	Nitrogen, Ammonia (As N)	Grab	N	E350.1	10/21/2008	0.084		mg/L	0.020
00440	Alkalinity, Bicarbonate (As CaCO3)	Grab	N	SM2320	10/27/2008	250		mg/L	5.0
00430	Alkalinity, Carbonate (As CaCO3)	Grab	N	SM2320	10/27/2008	5.0	U	mg/L	5.0
00410	Alkalinity, Total (As CaCO3)	Grab	N	SM2320	10/27/2008	250		mg/L	5.0
00515	Solids, Total Dissolved	Grab	N	SM2540	10/21/2008	350		mg/L	5.0
00094	Conductivity	Grab	N	Fld	10/21/08	216		µmhos/cm	
00299	Dissolved Oxygen	Grab	N	Fld	10/21/08	0.34		mg/l	
00406	pH	Grab	N	Fld	10/21/08	6.85		units	
00010	Temperature	Grab	N	Fld	10/21/08	26.02		°C	
82078	Turbidity	Grab	N	Fld	10/21/08	6.0		NTU.	

Data Qualifier Code Key:	I	Analyte detected below quantitation limits	U	Not Detected Above the MDL
	x	Value exceeds Maximum Contaminant Level		

Central County Wells 10/15 MW

PARAMETER MONITORING REPORT

Ground Water (Rule 62-520.400, .420, .460)

Surface Water (Rule 62-302.500, .510, .503)

Leachate (Rule 62-701.510)

LAB Submission Number: F08100772

Sample Number: F08100772-003

Facility WACS:	SWD/58/57614	**Sample Date/Time:**	10/15/2008 12:46:00 PM
Well/Sampling Point WACS:	4509	**Report Period:**	2nd Semiannual 2008
Well/Sampling Point Name:	101508 CLMW9	**Well Purged:**	YES
Classification of Groundwater:	G-II	**Well Type:**	Detection
Ground Water Elevation: (NGV D)	19.112		

Storet Code	Parameter Monitored	Sampling Method	Filtered Y/N	Analysis Method	Analysis Date	Analysis Result	Q	Units	Detection Limits
	Metals								
01002	Arsenic	Grab	N	SW6010	10/20/2008	57	X	µg/L	5.0
01007	Barium	Grab	N	SW6010	10/20/2008	110		µg/L	5.0
01012	Beryllium	Grab	N	SW6010	10/20/2008	0.50	U	µg/L	0.50
01027	Cadmium	Grab	N	SW6010	10/20/2008	0.71	I	µg/L	0.50
00916	Calcium	Grab	N	SW6010	10/20/2008	310000		µg/L	250
01034	Chromium	Grab	N	SW6010	10/20/2008	2.5	U	µg/L	2.5
01037	Cobalt	Grab	N	SW6010	10/20/2008	6.4	I	µg/L	5.0
01042	Copper	Grab	N	SW6010	10/20/2008	2.5	U	µg/L	2.5
01045	Iron	Grab	N	SW6010	10/20/2008	43000	X	µg/L	20
01051	Lead	Grab	N	SW6010	10/20/2008	5.0	U	µg/L	5.0
00927	Magnesium	Grab	N	SW6010	10/20/2008	45000		µg/L	250
01067	Nickel	Grab	N	SW6010	10/20/2008	2.5	U	µg/L	2.5
00937	Potassium	Grab	N	SW6010	10/20/2008	7000		µg/L	250
01147	Selenium	Grab	N	SW6010	10/20/2008	7.5	U	µg/L	7.5
01077	Silver	Grab	N	SW6010	10/20/2008	2.5	U	µg/L	2.5
00929	Sodium	Grab	N	SW6010	10/20/2008	35000		µg/L	500
01087	Vanadium	Grab	N	SW6010	10/20/2008	5.0	U	µg/L	5.0
01092	Zinc	Grab	N	SW6010	10/20/2008	10	U	µg/L	10
01097	Antimony	Grab	N	SW6020	10/21/2008	0.50	U	µg/L	0.50
01059	Thallium	Grab	N	SW6020	10/21/2008	0.50	U	µg/L	0.50
71900	Mercury	Grab	N	SW7470	10/23/2008	0.020	U	µg/L	0.020
	SemiVolatiles								
49146	1,2-Dibromo-3-chloropropane	Grab	N	SW8011	10/25/2008	0.0049	U	µg/L	0.0049
77651	Ethylene Dibromide	Grab	N	SW8011	10/25/2008	0.0063	U	µg/L	0.0063
	SUB								
00620	Nitrogen, Nitrate	Grab	N	E353.2	10/16/2008	0.0040	I	mg/L	0.0040
00630	Nitrogen, Nitrate-Nitrite	Grab	N	E353.2	10/16/2008	0.0040	I	mg/L	0.0040
00615	Nitrogen, Nitrite	Grab	N	SM4500-	10/16/2008	0.0030	U	mg/L	0.0030
	Volatiles								
81552	Acetone	Grab	N	SW8260	10/20/2008	5.0	U	µg/L	5.0

Data Qualifier Code Key:

I Analyte detected below quantitation limits

x Value exceeds Maximum Contaminant Level

U Not Detected Above the MDL

Central County Wells 10/15 MW
PARAMETER MONITORING REPORT
Ground Water (Rule 62-520.400,.420, .460)
Surface Water (Rule 62-302.500, .510, .503)
Leachate (Rule 62-701.510)
LAB Submission Number: F08100772
Sample Number: F08100772-003

Facility WACS:	SWD/58/51614	**Sample Date/Time:**	10/15/2008 12:46:00 PM
Well/Sampling Point WACS:	4509	**Report Period:**	2nd Semiannual 2008
Well/Sampling Point Name:	101508 CLMW9	**Well Purged:**	YES
Classification of Groundwater:	G-II	**Well Type:**	Detection
Ground Water Elevation: (NGV	19.112		

Storet Code	Parameter Monitored	Sampling Method	Filtered Y/N	Analysis Method	Analysis Date	Analysis Result	Q	Units	Detection Limits
34215	Acrylonitrile	Grab	N	SW8260	10/20/2008	5.0	U	µg/L	5.0
34030	Benzene	Grab	N	SW8260	10/20/2008	0.50	U	µg/L	0.50
73085	Bromochloromethane	Grab	N	SW8260	10/20/2008	0.50	U	µg/L	0.50
32101	Bromodichloromethane	Grab	N	SW8260	10/20/2008	0.30	U	µg/L	0.30
32104	Bromoform	Grab	N	SW8260	10/20/2008	0.50	U	µg/L	0.50
34413	Bromomethane	Grab	N	SW8260	10/20/2008	0.50	U	µg/L	0.50
81595	2-Butanone	Grab	N	SW8260	10/20/2008	5.0	U	µg/L	5.0
77041	Carbon disulfide	Grab	N	SW8260	10/20/2008	0.50	U	µg/L	0.50
32102	Carbon tetrachloride	Grab	N	SW8260	10/20/2008	0.50	U	µg/L	0.50
34301	Chlorobenzene	Grab	N	SW8260	10/20/2008	0.50	U	µg/L	0.50
34311	Chloroethane	Grab	N	SW8260	10/20/2008	0.61	U	µg/L	0.61
32106	Chloroform	Grab	N	SW8260	10/20/2008	0.50	U	µg/L	0.50
34418	Chloromethane	Grab	N	SW8260	10/20/2008	0.50	U	µg/L	0.50
32105	Dibromochloromethane	Grab	N	SW8260	10/20/2008	0.25	U	µg/L	0.25
77596	Dibromomethane	Grab	N	SW8260	10/20/2008	0.50	U	µg/L	0.50
77268	trans-1,4-Dichloro-2-butene	Grab	N	SW8260	10/20/2008	5.0	U	µg/L	5.0
34536	1,2-Dichlorobenzene	Grab	N	SW8260	10/20/2008	0.51	U	µg/L	0.51
34571	1,4-Dichlorobenzene	Grab	N	SW8260	10/20/2008	0.50	U	µg/L	0.50
34496	1,1-Dichloroethane	Grab	N	SW8260	10/20/2008	0.50	U	µg/L	0.50
34531	1,2-Dichloroethane	Grab	N	SW8260	10/20/2008	0.50	U	µg/L	0.50
34501	1,1-Dichloroethene	Grab	N	SW8260	10/20/2008	0.50	U	µg/L	0.50
77093	cis-1,2-Dichloroethene	Grab	N	SW8260	10/20/2008	0.50	U	µg/L	0.50
34546	trans-1,2-Dichloroethene	Grab	N	SW8260	10/20/2008	0.52	U	µg/L	0.52
34541	1,2-Dichloropropane	Grab	N	SW8260	10/20/2008	0.50	U	µg/L	0.50
34704	cis-1,3-Dichloropropene	Grab	N	SW8260	10/20/2008	0.25	U	µg/L	0.25
34699	trans-1,3-Dichloropropene	Grab	N	SW8260	10/20/2008	0.25	U	µg/L	0.25
34371	Ethylbenzene	Grab	N	SW8260	10/20/2008	0.50	U	µg/L	0.50
77103	2-Hexanone	Grab	N	SW8260	10/20/2008	5.0	U	µg/L	5.0
77424	Iodomethane	Grab	N	SW8260	10/20/2008	0.50	U	µg/L	0.50
81596	4-Methyl-2-pentanone	Grab	N	SW8260	10/20/2008	5.0	U	µg/L	5.0
34423	Methylene chloride	Grab	N	SW8260	10/20/2008	2.5	U	µg/L	2.5
77128	Styrene	Grab	N	SW8260	10/20/2008	0.50	U	µg/L	0.50
77562	1,1,1,2-Tetrachloroethane	Grab	N	SW8260	10/20/2008	0.50	U	µg/L	0.50

Data Qualifier Code Key:
I Analyte detected below quantitation limits
x Value exceeds Maximum Contaminant Level
U Not Detected Above the MDL

Central County Wells 10/15 MW
PARAMETER MONITORING REPORT
Ground Water (Rule 62-520.400,.420, .460)
Surface Water (Rule 62-302.500, .510, .503)
Leachate (Rule 62-701.510)
LAB Submission Number: F08100772
Sample Number: F08100772-003

Facility WACS:	SWD/58/51614	**Sample Date/Time:**	10/15/2008 12:46:00 PM
Well/Sampling Point WACS:	4509	**Report Period:**	2nd Semiannual 2008
Well/Sampling Point Name:	101508 CLMW9	**Well Purged:**	YES
Classification of Groundwater:	G-II	**Well Type:**	Detection
Ground Water Elevation: (NGV	19.112		

Storet Code	Parameter Monitored	Sampling Method	Filtered Y/N	Analysis Method	Analysis Date	Analysis Result	Q	Units	Detection Limits
34516	1,1,2,2-Tetrachloroethane	Grab	N	SW8260	10/20/2008	0.17	U	μg/L	0.17
34475	Tetrachloroethene	Grab	N	SW8260	10/20/2008	0.50	U	μg/L	0.50
34010	Toluene	Grab	N	SW8260	10/20/2008	0.50	U	μg/L	0.50
34506	1,1,1-Trichloroethane	Grab	N	SW8260	10/20/2008	0.50	U	μg/L	0.50
34511	1,1,2-Trichloroethane	Grab	N	SW8260	10/20/2008	0.50	U	μg/L	0.50
39180	Trichloroethene	Grab	N	SW8260	10/20/2008	0.50	U	μg/L	0.50
34488	Trichlorofluoromethane	Grab	N	SW8260	10/20/2008	0.66	U	μg/L	0.66
77443	1,2,3-Trichloropropane	Grab	N	SW8260	10/20/2008	0.30	U	μg/L	0.30
77057	Vinyl acetate	Grab	N	SW8260	10/20/2008	1.0	U	μg/L	1.0
39175	Vinyl chloride	Grab	N	SW8260	10/20/2008	0.53	U	μg/L	0.53
34020	Xylenes, Total	Grab	N	SW8260	10/20/2008	1.0	U	μg/L	1.0
	WetChem								
00940	Chloride	Grab	N	E300.0	10/23/2008	33		mg/L	0.21
00945	Sulfate	Grab	N	E300.0	10/23/2008	0.55	U	mg/L	0.55
00610	Nitrogen, Ammonia (As N)	Grab	N	E350.1	10/21/2008	11	X	mg/L	0.020
00440	Alkalinity, Bicarbonate (As CaCO3)	Grab	N	SM2320	10/27/2008	1200		mg/L	25
00430	Alkalinity, Carbonate (As CaCO3)	Grab	N	SM2320	10/27/2008	25	U	mg/L	25
00410	Alkalinity, Total (As CaCO3)	Grab	N	SM2320	10/27/2008	1200		mg/L	25
00515	Solids, Total Dissolved	Grab	N	SM2540	10/21/2008	980	X	mg/L	5.0

00094 Conductivity Grab N fld 10/15/08 509 μmhos/cm
00299 Diss. Oxygen Grab N fld 10/15/08 0.37 mg/L
00406 pH Grab N fld 10/15/08 6.39 X units
00010 Temperature Grab N fld 10/15/08 28.67 °C
82078 Turbidity Grab N fld 10/15/08 2.5 NTU

Data Qualifier Code Key:	I	Analyte detected below quantitation limits	U	Not Detected Above the MDL
	x	Value exceeds Maximum Contaminant Level		

Central County Wells 10-20 MW10R
PARAMETER MONITORING REPORT
Ground Water (Rule 62-520.400,.420, .460)
Surface Water (Rule 62-302 500, .510, .503)
Leachate (Rule 62-701.510)
LAB Submission Number: F08100926
Sample Number: F08100926-001

Facility WACS:	SWD/58/57614	**Sample Date/Time:**	10/20/2008 12:12:00 PM
Well/Sampling Point WACS:	4510	**Report Period:**	2nd Semiannual 2008
Well/Sampling Point Name:	10-20-08 CCMW10R	**Well Purged:**	YES
Classification of Groundwater:	G-II	**Well Type:**	Detection
Ground Water Elevation: (NGV D)	18.792		

Storet Code	Parameter Monitored	Sampling Method	Filtered Y/N	Analysis Method	Analysis Date	Analysis Result	Q	Units	Detection Limits
	Metals								
01002	Arsenic	Grab	N	SW6010	10/24/2008	13	X	µg/L	5.0
01007	Barium	Grab	N	SW6010	10/24/2008	75		µg/L	5.0
01012	Beryllium	Grab	N	SW6010	10/24/2008	0.50	U	µg/L	0.50
01027	Cadmium	Grab	N	SW6010	10/24/2008	0.68	I	µg/L	0.50
00916	Calcium	Grab	N	SW6010	10/24/2008	170000		µg/L	250
01034	Chromium	Grab	N	SW6010	10/24/2008	2.5	U	µg/L	2.5
01037	Cobalt	Grab	N	SW6010	10/24/2008	5.0	U	µg/L	5.0
01042	Copper	Grab	N	SW6010	10/24/2008	2.5	U	µg/L	2.5
01045	Iron	Grab	N	SW6010	10/24/2008	58000	X	µg/L	20
01051	Lead	Grab	N	SW6010	10/24/2008	5.0	U	µg/L	5.0
00927	Magnesium	Grab	N	SW6010	10/24/2008	52000		µg/L	250
01067	Nickel	Grab	N	SW6010	10/24/2008	2.5	U	µg/L	2.5
00937	Potassium	Grab	N	SW6010	10/24/2008	1800		µg/L	250
01147	Selenium	Grab	N	SW6010	10/24/2008	7.5	U	µg/L	7.5
01077	Silver	Grab	N	SW6010	10/24/2008	2.5	U	µg/L	2.5
00929	Sodium	Grab	N	SW6010	10/24/2008	81000		µg/L	500
01087	Vanadium	Grab	N	SW6010	10/24/2008	5.0	U	µg/L	5.0
01092	Zinc	Grab	N	SW6010	10/24/2008	10	U	µg/L	10
01097	Antimony	Grab	N	SW6020	10/27/2008	0.50	U	µg/L	0.50
01059	Thallium	Grab	N	SW6020	10/27/2008	0.50	U	µg/L	0.50
71900	Mercury	Grab	N	SW7470	10/27/2008	0.055	I	µg/L	0.020
	SemiVolatiles								
49146	1,2-Dibromo-3-chloropropane	Grab	N	SW8011	10/25/2008	0.0049	U	µg/L	0.0049
77651	Ethylene Dibromide	Grab	N	SW8011	10/25/2008	0.0061	U	µg/L	0.0061
	SUB								
00620	Nitrogen, Nitrate	Grab	N	E353.2	10/21/2008	0.0040	U	mg/L	0.0040
00630	Nitrogen, Nitrate-Nitrite	Grab	N	E353.2	10/21/2008	0.0040	U	mg/L	0.0040
00615	Nitrogen, Nitrite	Grab	N	SM4500-	10/21/2008	0.0030	U	mg/L	0.0030
	Volatiles								
81552	Acetone	Grab	N	SW8260	10/31/2008	5.0	U	µg/L	5.0

Data Qualifier Code Key:
I Analyte detected below quantitation limits
V Analyte detected in the associated Method Blank
U Not Detected Above the MDL
x Value exceeds Maximum Contaminant Level

Central County Wells 10-20 MW10R
PARAMETER MONITORING REPORT
Ground Water (Rule 62-520.400,.420, .460)
Surface Water (Rule 62-302.500, .510, .503)
Leachate (Rule 62-701.510)
LAB Submission Number: F08100926
Sample Number: F08100926-001

Facility WACS:	SWD/SB/51614	**Sample Date/Time:**	10/20/2008 12:12:00 PM
Well/Sampling Point WACS:	4510	**Report Period:**	2nd Semiannual 2008
Well/Sampling Point Name:	10-20-08 CCMW10R	**Well Purged:**	YES
Classification of Groundwater:	G-II	**Well Type:**	Detection
Ground Water Elevation: (NGV	18.792		

Storet Code	Parameter Monitored	Sampling Method	Filtered Y/N	Analysis Method	Analysis Date	Analysis Result	Q	Units	Detection Limits
34215	Acrylonitrile	Grab	N	SW8260	10/31/2008	5.0	U	µg/L	5.0
34030	Benzene	Grab	N	SW8260	10/31/2008	0.50	U	µg/L	0.50
73085	Bromochloromethane	Grab	N	SW8260	10/31/2008	0.50	U	µg/L	0.50
32101	Bromodichloromethane	Grab	N	SW8260	10/31/2008	0.30	U	µg/L	0.30
32104	Bromoform	Grab	N	SW8260	10/31/2008	0.50	U	µg/L	0.50
34413	Bromomethane	Grab	N	SW8260	10/31/2008	0.50	U	µg/L	0.50
81595	2-Butanone	Grab	N	SW8260	10/31/2008	5.0	U	µg/L	5.0
77041	Carbon disulfide	Grab	N	SW8260	10/31/2008	0.50	U	µg/L	0.50
32102	Carbon tetrachloride	Grab	N	SW8260	10/31/2008	0.50	U	µg/L	0.50
34301	Chlorobenzene	Grab	N	SW8260	10/31/2008	0.50	U	µg/L	0.50
34311	Chloroethane	Grab	N	SW8260	10/31/2008	0.61	U	µg/L	0.61
32106	Chloroform	Grab	N	SW8260	10/31/2008	0.50	U	µg/L	0.50
34418	Chloromethane	Grab	N	SW8260	10/31/2008	0.50	U	µg/L	0.50
32105	Dibromochloromethane	Grab	N	SW8260	10/31/2008	0.25	U	µg/L	0.25
77596	Dibromomethane	Grab	N	SW8260	10/31/2008	0.50	U	µg/L	0.50
77268	trans-1,4-Dichloro-2-butene	Grab	N	SW8260	10/31/2008	5.0	U	µg/L	5.0
34536	1,2-Dichlorobenzene	Grab	N	SW8260	10/31/2008	0.51	U	µg/L	0.51
34571	1,4-Dichlorobenzene	Grab	N	SW8260	10/31/2008	0.50	U	µg/L	0.50
34496	1,1-Dichloroethane	Grab	N	SW8260	10/31/2008	0.50	U	µg/L	0.50
34531	1,2-Dichloroethane	Grab	N	SW8260	10/31/2008	0.50	U	µg/L	0.50
34501	1,1-Dichloroethene	Grab	N	SW8260	10/31/2008	0.50	U	µg/L	0.50
77093	cis-1,2-Dichloroethene	Grab	N	SW8260	10/31/2008	0.50	U	µg/L	0.50
34546	trans-1,2-Dichloroethene	Grab	N	SW8260	10/31/2008	0.52	U	µg/L	0.52
34541	1,2-Dichloropropane	Grab	N	SW8260	10/31/2008	0.50	U	µg/L	0.50
34704	cis-1,3-Dichloropropene	Grab	N	SW8260	10/31/2008	0.25	U	µg/L	0.25
34699	trans-1,3-Dichloropropene	Grab	N	SW8260	10/31/2008	0.25	U	µg/L	0.25
34371	Ethylbenzene	Grab	N	SW8260	10/31/2008	0.50	U	µg/L	0.50
77103	2-Hexanone	Grab	N	SW8260	10/31/2008	5.0	U	µg/L	5.0
77424	Iodomethane	Grab	N	SW8260	10/31/2008	0.50	U	µg/L	0.50
81596	4-Methyl-2-pentanone	Grab	N	SW8260	10/31/2008	5.0	U	µg/L	5.0
34423	Methylene chloride	Grab	N	SW8260	10/31/2008	2.5	U	µg/L	2.5
77128	Styrene	Grab	N	SW8260	10/31/2008	0.50	U	µg/L	0.50
77562	1,1,1,2-Tetrachloroethane	Grab	N	SW8260	10/31/2008	0.50	U	µg/L	0.50

Data Qualifier Code Key:
I Analyte detected below quantitation limits
V Analyte detected in the associated Method Blank
U Not Detected Above the MDL
x Value exceeds Maximum Contaminant Level

Central County Wells 10-20 MW10R
PARAMETER MONITORING REPORT
Ground Water (Rule 62-520.400,.420, .460)
Surface Water (Rule 62-302.500, .510, .503)
Leachate (Rule 62-701.510)
LAB Submission Number: F08100926
Sample Number: F08100926-001

Facility WACS:	SWD/58/51614	**Sample Date/Time:**	10/20/2008 12:12:00 PM
Well/Sampling Point WACS:	4510	**Report Period:**	2nd Semiannual 2008
Well/Sampling Point Name:	10-20-08 CCMW10R	**Well Purged:**	YES
Classification of Groundwater:	G-II	**Well Type:**	Detection
Ground Water Elevation: (NGVD)	18.792		

Storet Code	Parameter Monitored	Sampling Method	Filtered Y/N	Analysis Method	Analysis Date	Analysis Result	Q	Units	Detection Limits
34516	1,1,2,2-Tetrachloroethane	Grab	N	SW8260	10/31/2008	0.17	U	µg/L	0.17
34475	Tetrachloroethene	Grab	N	SW8260	10/31/2008	0.50	U	µg/L	0.50
34010	Toluene	Grab	N	SW8260	10/31/2008	0.50	U	µg/L	0.50
34506	1,1,1-Trichloroethane	Grab	N	SW8260	10/31/2008	0.50	U	µg/L	0.50
34511	1,1,2-Trichloroethane	Grab	N	SW8260	10/31/2008	0.50	U	µg/L	0.50
39180	Trichloroethene	Grab	N	SW8260	10/31/2008	0.50	U	µg/L	0.50
34488	Trichlorofluoromethane	Grab	N	SW8260	10/31/2008	0.66	U	µg/L	0.66
77443	1,2,3-Trichloropropane	Grab	N	SW8260	10/31/2008	0.30	U	µg/L	0.30
77057	Vinyl acetate	Grab	N	SW8260	10/31/2008	1.0	U	µg/L	1.0
39175	Vinyl chloride	Grab	N	SW8260	10/31/2008	0.53	U	µg/L	0.53
34020	Xylenes, Total	Grab	N	SW8260	10/31/2008	1.0	U	µg/L	1.0
	WetChem								
00940	Chloride	Grab	N	E300.0	10/24/2008	82		mg/L	0.11
00945	Sulfate	Grab	N	E300.0	10/24/2008	0.28	U	mg/L	0.28
00610	Nitrogen, Ammonia (As N)	Grab	N	E350.1	10/24/2008	6.4	X	mg/L	0.020
00440	Alkalinity, Bicarbonate (As CaCO3)	Grab	N	SM2320	10/27/2008	700		mg/L	25
00430	Alkalinity, Carbonate (As CaCO3)	Grab	N	SM2320	10/27/2008	25	U	mg/L	25
00410	Alkalinity, Total (As CaCO3)	Grab	N	SM2320	10/27/2008	700		mg/L	25
00515	Solids, Total Dissolved	Grab	N	SM2540	10/23/2008	870	XV	mg/L	5.0
00094	Conductivity	Grab	N	Fld	10/21/08	581		µmhos/cm	
00299	Diss. Oxygen	Grab	N	Fld	10/21/08	2.14		mg/l	
00406	pH	Grab	N	Fld	10/21/08	6.44	X	units	
00010	Temperature	Grab	N	Fld	10/21/08	27.15		°C	
82078	Turbidity	Grab	N	Fld	10/21/08	1.8		NTU	

Data Qualifier Code Key:	I	Analyte detected below quantitation limits	U	Not Detected Above the MDL
	V	Analyte detected in the associated Method Blank	x	Value exceeds Maximum Contaminant Level

Central County Wells 10/21 MW
PARAMETER MONITORING REPORT
Ground Water (Rule 62-520.400,.420, .460)
Surface Water (Rule 62-302.500, .510, .503)
Leachate (Rule 62-701.510)
LAB Submission Number: F08100930
Sample Number: F08100930-001

Facility WACS:	SWD/58/51614	**Sample Date/Time:**	10/21/2008 11:01:00 AM
Well/Sampling Point WACS:	20588	**Report Period:**	2nd Semiannual 2008
Well/Sampling Point Name:	102108 CLMW11R	**Well Purged:**	YES
Classification of Groundwater:	G-II	**Well Type:**	Detection
Ground Water Elevation: (NGV D)	18.02		

Storet Code	Parameter Monitored	Sampling Method	Filtered Y/N	Analysis Method	Analysis Date	Analysis Result	Q	Units	Detection Limits
	Metals								
01002	Arsenic	Grab	N	SW6010	10/24/2008	5.0	U	µg/L	5.0
01007	Barium	Grab	N	SW6010	10/24/2008	25		µg/L	5.0
01012	Beryllium	Grab	N	SW6010	10/24/2008	0.50	U	µg/L	0.50
01027	Cadmium	Grab	N	SW6010	10/24/2008	0.50	U	µg/L	0.50
00916	Calcium	Grab	N	SW6010	10/24/2008	74000		µg/L	250
01034	Chromium	Grab	N	SW6010	10/24/2008	2.5	U	µg/L	2.5
01037	Cobalt	Grab	N	SW6010	10/24/2008	5.0	U	µg/L	5.0
01042	Copper	Grab	N	SW6010	10/24/2008	2.5	U	µg/L	2.5
01045	Iron	Grab	N	SW6010	10/24/2008	390	X	µg/L	20
01051	Lead	Grab	N	SW6010	10/24/2008	5.0	U	µg/L	5.0
00927	Magnesium	Grab	N	SW6010	10/24/2008	14000		µg/L	250
01067	Nickel	Grab	N	SW6010	10/24/2008	2.5	U	µg/L	2.5
00937	Potassium	Grab	N	SW6010	10/24/2008	71000		µg/L	250
01147	Selenium	Grab	N	SW6010	10/24/2008	7.5	U	µg/L	7.5
01077	Silver	Grab	N	SW6010	10/24/2008	2.5	U	µg/L	2.5
00929	Sodium	Grab	N	SW6010	10/24/2008	30000		µg/L	500
01087	Vanadium	Grab	N	SW6010	10/24/2008	18		µg/L	5.0
01092	Zinc	Grab	N	SW6010	10/24/2008	10	U	µg/L	10
01097	Antimony	Grab	N	SW6020	10/28/2008	0.50	U	µg/L	0.50
01059	Thallium	Grab	N	SW6020	10/28/2008	0.50	U	µg/L	0.50
71900	Mercury	Grab	N	SW7470	10/27/2008	0.020	U	µg/L	0.020
	SemiVolatiles								
49146	1,2-Dibromo-3-chloropropane	Grab	N	SW8011	10/25/2008	0.0048	U	µg/L	0.0048
77651	Ethylene Dibromide	Grab	N	SW8011	10/25/2008	0.0061	U	µg/L	0.0061
	SUB								
00620	Nitrogen, Nitrate	Grab	N	E353.2	10/21/2008	0.050	U	mg/L	0.050
00630	Nitrogen, Nitrate-Nitrite	Grab	N	E353.2	10/23/2008	0.050	U	mg/L	0.050
00615	Nitrogen, Nitrite	Grab	N	SM4500-	10/21/2008	0.0030	U	mg/L	0.0030
	Volatiles								
81552	Acetone	Grab	N	SW8260	10/31/2008	5.0	U	µg/L	5.0

Data Qualifier Code Key:
I Analyte detected below quantitation limits
V Analyte detected in the associated Method Blank
U Not Detected Above the MDL
x Value exceeds Maximum Contaminant Level

Central County Wells 10/21 MW
PARAMETER MONITORING REPORT
Ground Water (Rule 62-520.400,.420, .460)
Surface Water (Rule 62-302 500, .510, .503)
Leachate (Rule 62-701.510)
LAB Submission Number: F08100930
Sample Number: F08100930-001

Facility WACS:	SWD/58/51614	**Sample Date/Time:**	10/21/2008 11:01:00 AM
Well/Sampling Point WACS:	20588	**Report Period:**	2nd Semiannual 2008
Well/Sampling Point Name:	102108 CLMW11R	**Well Purged:**	YES
Classification of Groundwater:	G-II	**Well Type:**	Detection
Ground Water Elevation: (NGV D)	18.02		

Storet Code	Parameter Monitored	Sampling Method	Filtered Y/N	Analysis Method	Analysis Date	Analysis Result	Q	Units	Detection Limits
34215	Acrylonitrile	Grab	N	SW8260	10/31/2008	5.0	U	µg/L	5.0
34030	Benzene	Grab	N	SW8260	10/31/2008	0.50	U	µg/L	0.50
73085	Bromochloromethane	Grab	N	SW8260	10/31/2008	0.50	U	µg/L	0.50
32101	Bromodichloromethane	Grab	N	SW8260	10/31/2008	0.30	U	µg/L	0.30
32104	Bromoform	Grab	N	SW8260	10/31/2008	0.50	U	µg/L	0.50
34413	Bromomethane	Grab	N	SW8260	10/31/2008	0.50	U	µg/L	0.50
81595	2-Butanone	Grab	N	SW8260	10/31/2008	5.0	U	µg/L	5.0
77041	Carbon disulfide	Grab	N	SW8260	10/31/2008	0.50	U	µg/L	0.50
32102	Carbon tetrachloride	Grab	N	SW8260	10/31/2008	0.50	U	µg/L	0.50
34301	Chlorobenzene	Grab	N	SW8260	10/31/2008	0.50	U	µg/L	0.50
34311	Chloroethane	Grab	N	SW8260	10/31/2008	0.61	U	µg/L	0.61
32106	Chloroform	Grab	N	SW8260	10/31/2008	0.50	U	µg/L	0.50
34418	Chloromethane	Grab	N	SW8260	10/31/2008	0.50	U	µg/L	0.50
32105	Dibromochloromethane	Grab	N	SW8260	10/31/2008	0.25	U	µg/L	0.25
77596	Dibromomethane	Grab	N	SW8260	10/31/2008	0.50	U	µg/L	0.50
77268	trans-1,4-Dichloro-2-butene	Grab	N	SW8260	10/31/2008	5.0	U	µg/L	5.0
34536	1,2-Dichlorobenzene	Grab	N	SW8260	10/31/2008	0.51	U	µg/L	0.51
34571	1,4-Dichlorobenzene	Grab	N	SW8260	10/31/2008	0.50	U	µg/L	0.50
34496	1,1-Dichloroethane	Grab	N	SW8260	10/31/2008	0.50	U	µg/L	0.50
34531	1,2-Dichloroethane	Grab	N	SW8260	10/31/2008	0.50	U	µg/L	0.50
34501	1,1-Dichloroethene	Grab	N	SW8260	10/31/2008	0.50	U	µg/L	0.50
77093	cis-1,2-Dichloroethene	Grab	N	SW8260	10/31/2008	0.50	U	µg/L	0.50
34546	trans-1,2-Dichloroethene	Grab	N	SW8260	10/31/2008	0.52	U	µg/L	0.52
34541	1,2-Dichloropropane	Grab	N	SW8260	10/31/2008	0.50	U	µg/L	0.50
34704	cis-1,3-Dichloropropene	Grab	N	SW8260	10/31/2008	0.25	U	µg/L	0.25
34699	trans-1,3-Dichloropropene	Grab	N	SW8260	10/31/2008	0.25	U	µg/L	0.25
34371	Ethylbenzene	Grab	N	SW8260	10/31/2008	0.50	U	µg/L	0.50
77103	2-Hexanone	Grab	N	SW8260	10/31/2008	5.0	U	µg/L	5.0
77424	Iodomethane	Grab	N	SW8260	10/31/2008	0.50	U	µg/L	0.50
81596	4-Methyl-2-pentanone	Grab	N	SW8260	10/31/2008	5.0	U	µg/L	5.0
34423	Methylene chloride	Grab	N	SW8260	10/31/2008	2.5	U	µg/L	2.5
77128	Styrene	Grab	N	SW8260	10/31/2008	0.50	U	µg/L	0.50
77562	1,1,1,2-Tetrachloroethane	Grab	N	SW8260	10/31/2008	0.50	U	µg/L	0.50

Data Qualifier Code Key:
I Analyte detected below quantitation limits
V Analyte detected in the associated Method Blank
U Not Detected Above the MDL
x Value exceeds Maximum Contaminant Level

Central County Wells 10/21 MW
PARAMETER MONITORING REPORT
Ground Water (Rule 62-520.400,.420, .460)
Surface Water (Rule 62-302.500, .510, .503)
Leachate (Rule 62-701.510)
LAB Submission Number: F08100930
Sample Number: F08100930-001

Facility WACS:	SWD/58/51614	**Sample Date/Time:**	10/21/2008 11:01:00 AM
Well/Sampling Point WACS:	20588	**Report Period:**	2nd Semiannual 2008
Well/Sampling Point Name:	102108 CLMW11R	**Well Purged:**	YES
Classification of Groundwater:	G-II	**Well Type:**	Detection
Ground Water Elevation: (NGV D)	18.02		

Storet Code	Parameter Monitored	Sampling Method	Filtered Y/N	Analysis Method	Analysis Date	Analysis Result	Q	Units	Detection Limits
34516	1,1,2,2-Tetrachloroethane	Grab	N	SW8260	10/31/2008	0.17	U	µg/L	0.17
34475	Tetrachloroethene	Grab	N	SW8260	10/31/2008	0.50	U	µg/L	0.50
34010	Toluene	Grab	N	SW8260	10/31/2008	0.50	U	µg/L	0.50
34506	1,1,1-Trichloroethane	Grab	N	SW8260	10/31/2008	0.50	U	µg/L	0.50
34511	1,1,2-Trichloroethane	Grab	N	SW8260	10/31/2008	0.50	U	µg/L	0.50
39180	Trichloroethene	Grab	N	SW8260	10/31/2008	0.50	U	µg/L	0.50
34488	Trichlorofluoromethane	Grab	N	SW8260	10/31/2008	0.66	U	µg/L	0.66
77443	1,2,3-Trichloropropane	Grab	N	SW8260	10/31/2008	0.30	U	µg/L	0.30
77057	Vinyl acetate	Grab	N	SW8260	10/31/2008	1.0	U	µg/L	1.0
39175	Vinyl chloride	Grab	N	SW8260	10/31/2008	0.53	U	µg/L	0.53
34020	Xylenes, Total	Grab	N	SW8260	10/31/2008	1.0	U	µg/L	1.0
	WetChem								
00940	Chloride	Grab	N	E300.0	10/24/2008	39		mg/L	0.021
00945	Sulfate	Grab	N	E300.0	10/24/2008	26		mg/L	0.055
00610	Nitrogen, Ammonia (As N)	Grab	N	E350.1	10/24/2008	1.2		mg/L	0.020
00440	Alkalinity, Bicarbonate (As CaCO3)	Grab	N	SM2320	10/27/2008	280		mg/L	5.0
00430	Alkalinity, Carbonate (As CaCO3)	Grab	N	SM2320	10/27/2008	5.0	U	mg/L	5.0
00410	Alkalinity, Total (As CaCO3)	Grab	N	SM2320	10/27/2008	280		mg/L	5.0
00515	Solids, Total Dissolved	Grab	N	SM2540	10/23/2008	490	V	mg/L	5.0
00094	Conductivity	Grab	N	Fld	10/21/08	275		µmhos/cm	
00299	Diss. Oxygen	Grab	N	Fld	10/21/08	0.16		mg/l	
00406	pH	Grab	N	Fld	10/21/08	6.51		units	
00010	Temperature	Grab	N	Fld	10/21/08	26.73		°C	
82078	Turbidity	Grab	N	Fld	10/21/08	1.3		NTU	

Data Qualifier Code Key:

I	Analyte detected below quantitation limits	U	Not Detected Above the MDL
V	Analyte detected in the associated Method Blank	x	Value exceeds Maximum Contaminant Level

Central County Wells 10/21 MW
PARAMETER MONITORING REPORT
Ground Water (Rule 62-520.400,.420, .460)
Surface Water (Rule 62-302.500, .510, .503)
Leachate (Rule 62-701.510)
LAB Submission Number: F08100930
Sample Number: F08100930-002

Facility WACS:	SWD/58/51614	**Sample Date/Time:**	10/21/2008 12:21:00 PM
Well/Sampling Point WACS:	20589	**Report Period:**	2nd Semiannual 2008
Well/Sampling Point Name:	102108 CLMW12R	**Well Purged:**	YES
Classification of Groundwater:	G-II	**Well Type:**	Detection
Ground Water Elevation: (NGV	18.214		

Storet Code	Parameter Monitored	Sampling Method	Filtered Y/N	Analysis Method	Analysis Date	Analysis Result	Q	Units	Detection Limits
	Metals								
01002	Arsenic	Grab	N	SW6010	10/24/2008	5.0	U	µg/L	5.0
01007	Barium	Grab	N	SW6010	10/24/2008	54		µg/L	5.0
01012	Beryllium	Grab	N	SW6010	10/24/2008	0.50	U	µg/L	0.50
01027	Cadmium	Grab	N	SW6010	10/24/2008	0.50	U	µg/L	0.50
00916	Calcium	Grab	N	SW6010	10/24/2008	140000		µg/L	250
01034	Chromium	Grab	N	SW6010	10/24/2008	2.5	U	µg/L	2.5
01037	Cobalt	Grab	N	SW6010	10/24/2008	5.0	U	µg/L	5.0
01042	Copper	Grab	N	SW6010	10/24/2008	2.5	U	µg/L	2.5
01045	Iron	Grab	N	SW6010	10/24/2008	370	X	µg/L	20
01051	Lead	Grab	N	SW6010	10/24/2008	5.0	U	µg/L	5.0
00927	Magnesium	Grab	N	SW6010	10/24/2008	27000		µg/L	250
01067	Nickel	Grab	N	SW6010	10/24/2008	2.7	I	µg/L	2.5
00937	Potassium	Grab	N	SW6010	10/24/2008	120000		µg/L	250
01147	Selenium	Grab	N	SW6010	10/24/2008	7.5	U	µg/L	7.5
01077	Silver	Grab	N	SW6010	10/24/2008	3.0	I	µg/L	2.5
00929	Sodium	Grab	N	SW6010	10/24/2008	64000		µg/L	500
01087	Vanadium	Grab	N	SW6010	10/24/2008	6.2	I	µg/L	5.0
01092	Zinc	Grab	N	SW6010	10/24/2008	10	U	µg/L	10
01097	Antimony	Grab	N	SW6020	10/28/2008	0.50	U	µg/L	0.50
01059	Thallium	Grab	N	SW6020	10/28/2008	0.50	U	µg/L	0.50
71900	Mercury	Grab	N	SW7470	10/27/2008	0.033	I	µg/L	0.020
	SemiVolatiles								
49146	1,2-Dibromo-3-chloropropane	Grab	N	SW8011	10/25/2008	0.0048	U	µg/L	0.0048
77651	Ethylene Dibromide	Grab	N	SW8011	10/25/2008	0.0061	U	µg/L	0.0061
	SUB								
00620	Nitrogen, Nitrate	Grab	N	E353.2	10/21/2008	0.050	U	mg/L	0.050
00630	Nitrogen, Nitrate-Nitrite	Grab	N	E353.2	10/23/2008	0.050	U	mg/L	0.050
00615	Nitrogen, Nitrite	Grab	N	SM4500-	10/21/2008	0.0030	U	mg/L	0.0030
	Volatiles								
81552	Acetone	Grab	N	SW8260	10/31/2008	5.0	U	µg/L	5.0

Data Qualifier Code Key:

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V	Analyte detected in the associated Method Blank	x	Value exceeds Maximum Contaminant Level

Central County Wells 10/21 MW
PARAMETER MONITORING REPORT
Ground Water (Rule 62-520.400,.420, .460)
Surface Water (Rule 62-302.500, .510, .503)
Leachate (Rule 62-701.510)
LAB Submission Number: F08100930
Sample Number: F08100930-002

Facility WACS:	SWD/58/51614	**Sample Date/Time:**	10/21/2008 12:21:00 PM
Well/Sampling Point WACS:	20589	**Report Period:**	2nd Semiannual 2008
Well/Sampling Point Name:	102108 CLMW12R	**Well Purged:**	YES
Classification of Groundwater:	G-II	**Well Type:**	Detection
Ground Water Elevation: (NGV D)	18.214		

Storet Code	Parameter Monitored	Sampling Method	Filtered Y/N	Analysis Method	Analysis Date	Analysis Result	Q	Units	Detection Limits
34215	Acrylonitrile	Grab	N	SW8260	10/31/2008	5.0	U	µg/L	5.0
34030	Benzene	Grab	N	SW8260	10/31/2008	0.50	U	µg/L	0.50
73085	Bromochloromethane	Grab	N	SW8260	10/31/2008	0.50	U	µg/L	0.50
32101	Bromodichloromethane	Grab	N	SW8260	10/31/2008	0.30	U	µg/L	0.30
32104	Bromoform	Grab	N	SW8260	10/31/2008	0.50	U	µg/L	0.50
34413	Bromomethane	Grab	N	SW8260	10/31/2008	0.50	U	µg/L	0.50
81595	2-Butanone	Grab	N	SW8260	10/31/2008	5.0	U	µg/L	5.0
77041	Carbon disulfide	Grab	N	SW8260	10/31/2008	0.50	U	µg/L	0.50
32102	Carbon tetrachloride	Grab	N	SW8260	10/31/2008	0.50	U	µg/L	0.50
34301	Chlorobenzene	Grab	N	SW8260	10/31/2008	0.50	U	µg/L	0.50
34311	Chloroethane	Grab	N	SW8260	10/31/2008	0.61	U	µg/L	0.61
32106	Chloroform	Grab	N	SW8260	10/31/2008	0.50	U	µg/L	0.50
34418	Chloromethane	Grab	N	SW8260	10/31/2008	0.50	U	µg/L	0.50
32105	Dibromochloromethane	Grab	N	SW8260	10/31/2008	0.25	U	µg/L	0.25
77596	Dibromomethane	Grab	N	SW8260	10/31/2008	0.50	U	µg/L	0.50
77268	trans-1,4-Dichloro-2-butene	Grab	N	SW8260	10/31/2008	5.0	U	µg/L	5.0
34536	1,2-Dichlorobenzene	Grab	N	SW8260	10/31/2008	0.51	U	µg/L	0.51
34571	1,4-Dichlorobenzene	Grab	N	SW8260	10/31/2008	0.50	U	µg/L	0.50
34496	1,1-Dichloroethane	Grab	N	SW8260	10/31/2008	0.50	U	µg/L	0.50
34531	1,2-Dichloroethane	Grab	N	SW8260	10/31/2008	0.50	U	µg/L	0.50
34501	1,1-Dichloroethene	Grab	N	SW8260	10/31/2008	0.50	U	µg/L	0.50
77093	cis-1,2-Dichloroethene	Grab	N	SW8260	10/31/2008	0.50	U	µg/L	0.50
34546	trans-1,2-Dichloroethene	Grab	N	SW8260	10/31/2008	0.52	U	µg/L	0.52
34541	1,2-Dichloropropane	Grab	N	SW8260	10/31/2008	0.50	U	µg/L	0.50
34704	cis-1,3-Dichloropropene	Grab	N	SW8260	10/31/2008	0.25	U	µg/L	0.25
34699	trans-1,3-Dichloropropene	Grab	N	SW8260	10/31/2008	0.25	U	µg/L	0.25
34371	Ethylbenzene	Grab	N	SW8260	10/31/2008	0.50	U	µg/L	0.50
77103	2-Hexanone	Grab	N	SW8260	10/31/2008	5.0	U	µg/L	5.0
77424	Iodomethane	Grab	N	SW8260	10/31/2008	0.50	U	µg/L	0.50
81596	4-Methyl-2-pentanone	Grab	N	SW8260	10/31/2008	5.0	U	µg/L	5.0
34423	Methylene chloride	Grab	N	SW8260	10/31/2008	2.5	U	µg/L	2.5
77128	Styrene	Grab	N	SW8260	10/31/2008	0.50	U	µg/L	0.50
77562	1,1,1,2-Tetrachloroethane	Grab	N	SW8260	10/31/2008	0.50	U	µg/L	0.50

Data Qualifier Code Key:
I — Analyte detected below quantitation limits
V — Analyte detected in the associated Method Blank
U — Not Detected Above the MDL
x — Value exceeds Maximum Contaminant Level

Central County Wells 10/21 MW
PARAMETER MONITORING REPORT
Ground Water (Rule 62-520 400,.420, .460)
Surface Water (Rule 62-302.500, .510, .503)
Leachate (Rule 62-701.510)
LAB Submission Number: F08100930
Sample Number: F08100930-002

Facility WACS:	SWD/58/51614	**Sample Date/Time:**	10/21/2008 12:21:00 PM
Well/Sampling Point WACS:	20589	**Report Period:**	2nd Semiannual 2008
Well/Sampling Point Name:	102108 CLMW12R	**Well Purged:**	YES
Classification of Groundwater:	G-II	**Well Type:**	Detection
Ground Water Elevation: (NGV	18.214		

Storet Code	Parameter Monitored	Sampling Method	Filtered Y/N	Analysis Method	Analysis Date	Analysis Result	Q	Units	Detection Limits
34516	1,1,2,2-Tetrachloroethane	Grab	N	SW8260	10/31/2008	0.17	U	µg/L	0.17
34475	Tetrachloroethene	Grab	N	SW8260	10/31/2008	0.50	U	µg/L	0.50
34010	Toluene	Grab	N	SW8260	10/31/2008	0.50	U	µg/L	0.50
34506	1,1,1-Trichloroethane	Grab	N	SW8260	10/31/2008	0.50	U	µg/L	0.50
34511	1,1,2-Trichloroethane	Grab	N	SW8260	10/31/2008	0.50	U	µg/L	0.50
39180	Trichloroethene	Grab	N	SW8260	10/31/2008	0.50	U	µg/L	0.50
34488	Trichlorofluoromethane	Grab	N	SW8260	10/31/2008	0.66	U	µg/L	0.66
77443	1,2,3-Trichloropropane	Grab	N	SW8260	10/31/2008	0.30	U	µg/L	0.30
77057	Vinyl acetate	Grab	N	SW8260	10/31/2008	1.0	U	µg/L	1.0
39175	Vinyl chloride	Grab	N	SW8260	10/31/2008	0.53	U	µg/L	0.53
34020	Xylenes, Total	Grab	N	SW8260	10/31/2008	1.0	U	µg/L	1.0
	WetChem								
00940	Chloride	Grab	N	E300.0	10/24/2008	120		mg/L	0.11
00945	Sulfate	Grab	N	E300.0	10/24/2008	170		mg/L	0.28
00610	Nitrogen, Ammonia (As N)	Grab	N	E350.1	10/24/2008	1.2		mg/L	0.020
00440	Alkalinity, Bicarbonate (As CaCO3)	Grab	N	SM2320	10/27/2008	350		mg/L	5.0
00430	Alkalinity, Carbonate (As CaCO3)	Grab	N	SM2320	10/27/2008	5.0	U	mg/L	5.0
00410	Alkalinity, Total (As CaCO3)	Grab	N	SM2320	10/27/2008	350		mg/L	5.0
00515	Solids, Total Dissolved	Grab	N	SM2540	10/23/2008	960	~~X~~V	mg/L	5.0
00094	Conductivity	Grab	N	Fld	10/21/08	488		umhos/cm	
00299	Diss. Oxygen	Grab	N	Fld	10/21/08	0.21		mg/l	
00406	pH	Grab	N	Fld	10/21/08	6.47	x	units	
00010	Temperature	Grab	N	Fld	10/21/08	27.46		°C	
82078	Turbidity	Grab	N	Fld	10/21/08	3.6		NTU	

Data Qualifier Code Key:

I	Analyte detected below quantitation limits	U	Not Detected Above the MDL
V	Analyte detected in the associated Method Blank	x	Value exceeds Maximum Contaminant Level

Central County Wells 10/15 MW
PARAMETER MONITORING REPORT
Ground Water (Rule 62-520.400,.420, .460)
Surface Water (Rule 62-302.500, .510, .503)
Leachate (Rule 62-701.510)
LAB Submission Number: F08100772
Sample Number: F08100772-004

Facility WACS:	SWD/58/51614	**Sample Date/Time:**	10/15/2008 10:16:00 AM
Well/Sampling Point WACS:	22883	**Report Period:**	2nd Semiannual 2008
Well/Sampling Point Name:	101508 CW8A	**Well Purged:**	YES
Classification of Groundwater:	G-II	**Well Type:**	Compliance
Ground Water Elevation: (NGVD)	18.372		

Storet Code	Parameter Monitored	Sampling Method	Filtered Y/N	Analysis Method	Analysis Date	Analysis Result	Q	Units	Detection Limits
	Metals								
01002	Arsenic	Grab	N	SW6010	10/20/2008	42	X	µg/L	5.0
01045	Iron	Grab	N	SW6010	10/20/2008	59000	X	µg/L	20
00929	Sodium	Grab	N	SW6010	10/20/2008	39000		µg/L	500
01097	Antimony	Grab	N	SW6020	10/21/2008	0.50	U	µg/L	0.50
	WetChem								
00940	Chloride	Grab	N	E300.0	10/23/2008	77		mg/L	0.021
00945	Sulfate	Grab	N	E300.0	10/23/2008	8.1		mg/L	0.055
00610	Nitrogen, Ammonia (As N)	Grab	N	E350.1	10/21/2008	4.1		mg/L	0.020
00515	Solids, Total Dissolved	Grab	N	SM2540	10/21/2008	500	X	mg/L	5.0
00094	Conductivity	Grab	N	Fld	10/15/08	334		µmhos/cm	
00299	Diss. Oxygen	Grab	N	Fld	10/15/08	0.39		mg/l	
00406	pH	Grab	N	Fld	10/15/08	5.74	X	units	
00010	Temperature	Grab	N	Fld	10/15/08	27.03		°C	
82078	Turbidity	Grab	N	Fld	10/15/08	3.9		NTU	

Data Qualifier Code Key:	I Analyte detected below quantitation limits	U Not Detected Above the MDL	
	x Value exceeds Maximum Contaminant Level		

Central County Wells 10/20 CW

PARAMETER MONITORING REPORT

Ground Water (Rule 62-520.400,.420, .460)

Surface Water (Rule 62-302.500, .510, .503)

Leachate (Rule 62-701.510)

LAB Submission Number: F08100928

Sample Number: F08100928-001

Facility WACS:	SWD/58/51614	**Sample Date/Time:**	10/20/2008 9:05:00 AM
Well/Sampling Point WACS:	22884	**Report Period:**	2nd Semiannual 2008
Well/Sampling Point Name:	102008 CW9	**Well Purged:**	YES
Classification of Groundwater:	G-II	**Well Type:**	Compliance
Ground Water Elevation: (NGV D)	18.912		

Storet Code	Parameter Monitored	Sampling Method	Filtered Y/N	Analysis Method	Analysis Date	Analysis Result	Q	Units	Detection Limits
	Metals								
01002	Arsenic	Grab	N	SW6010	10/24/2008	98	X	µg/L	5.0
01045	Iron	Grab	N	SW6010	10/24/2008	43000	X	µg/L	20
00929	Sodium	Grab	N	SW6010	10/24/2008	52000		µg/L	500
01097	Antimony	Grab	N	SW6020	10/28/2008	0.50	U	µg/L	0.50
	SUB								
00620	Nitrogen, Nitrate	Grab	N	E353.2	10/21/2008	0.0040	U	mg/L	0.0040
00630	Nitrogen, Nitrate-Nitrite	Grab	N	E353.2	10/21/2008	0.0040	U	mg/L	0.0040
00615	Nitrogen, Nitrite	Grab	N	SM4500-	10/21/2008	0.0030	U	mg/L	0.0030
	WetChem								
00940	Chloride	Grab	N	E300.0	10/24/2008	42		mg/L	0.11
00945	Sulfate	Grab	N	E300.0	10/24/2008	0.40	I	mg/L	0.28
00610	Nitrogen, Ammonia (As N)	Grab	N	E350.1	10/24/2008	12	X	mg/L	0.020
00515	Solids, Total Dissolved	Grab	N	SM2540	10/23/2008	870	XV	mg/L	5.0
00094	Conductivity	Grab	N	Fld	10/20/08	570		µmhos/cm	
00299	Diss. Oxygen	Grab	N	Fld	10/20/08	0.24		mg/l	
00406	pH	Grab	N	Fld	10/20/08	6.52		units	
00010	Temperature	Grab	N	Fld	10/20/08	25.80		°C	
82078	Turbidity	Grab	N	Fld	10/20/08	5.6		NTU	

Data Qualifier Code Key:

I	Analyte detected below quantitation limits	U	Not Detected Above the MDL
V	Analyte detected in the associated Method Blank	x	Value exceeds Maximum Contaminant Level

Central County Wells 10/20 CW
PARAMETER MONITORING REPORT
Ground Water (Rule 62-520.400,.420, .460)
Surface Water (Rule 62-302.500, .510, .503)
Leachate (Rule 62-701.510)
LAB Submission Number: F08100928
Sample Number: F08100928-002

Facility WACS:	SWD/58/51614	**Sample Date/Time:**	10/20/2008 10:25:00 AM
Well/Sampling Point WACS:	22885	**Report Period:**	2nd Semiannual 2008
Well/Sampling Point Name:	102008 CW10R	**Well Purged:**	YES
Classification of Groundwater:	G-II	**Well Type:**	Compliance
Ground Water Elevation: (NGV D)	19.112		

Storet Code	Parameter Monitored	Sampling Method	Filtered Y/N	Analysis Method	Analysis Date	Analysis Result	Q	Units	Detection Limits
	Metals								
01002	Arsenic	Grab	N	SW6010	10/24/2008	11	X	µg/L	5.0
01045	Iron	Grab	N	SW6010	10/24/2008	14000	X	µg/L	20
00929	Sodium	Grab	N	SW6010	10/24/2008	56000		µg/L	500
01097	Antimony	Grab	N	SW6020	10/28/2008	0.60	I	µg/L	0.50
	SUB								
00620	Nitrogen, Nitrate	Grab	N	E353.2	10/21/2008	0.0040	U	mg/L	0.0040
00630	Nitrogen, Nitrate-Nitrite	Grab	N	E353.2	10/21/2008	0.0040	U	mg/L	0.0040
00615	Nitrogen, Nitrite	Grab	N	SM4500-	10/21/2008	0.0030	U	mg/L	0.0030
	WetChem								
00940	Chloride	Grab	N	E300.0	10/24/2008	51		mg/L	0.21
00945	Sulfate	Grab	N	E300.0	10/24/2008	340	X	mg/L	0.55
00610	Nitrogen, Ammonia (As N)	Grab	N	E350.1	10/24/2008	2.2		mg/L	0.020
00515	Solids, Total Dissolved	Grab	N	SM2540	10/23/2008	1200	XV	mg/L	5.0
00094	Conductivity	Grab	N	fld	10/20/08	562		µmhos/cm	
00299	Diss. Oxygen	Grab	N	fld	10/20/08	0.35		mg/l	
00406	pH	Grab	N	fld	10/20/08	6.17	X	units	
00010	Temperature	Grab	N	fld	10/20/08	25.50		°C	
82078	Turbidity	Grab	N	fld	10/20/08	2.1		NTU	

Data Qualifier Code Key:
I Analyte detected below quantitation limits
V Analyte detected in the associated Method Blank
U Not Detected Above the MDL
x Value exceeds Maximum Contaminant Level

Central County Wells 10/21 CW
PARAMETER MONITORING REPORT
Ground Water (Rule 62-520.400,.420, .460)
Surface Water (Rule 62-302.500, .510, .503)
Leachate (Rule 62-701.510)
LAB Submission Number: F08100931
Sample Number: F08100931-001

Facility WACS:	SWD/53/51614	**Sample Date/Time:**	10/21/2008 9:41:00 AM
Well/Sampling Point WACS:	22886	**Report Period:**	2nd Semiannual 2008
Well/Sampling Point Name:	102108 CW11R	**Well Purged:**	YES
Classification of Groundwater:	G-II	**Well Type:**	Compliance
Ground Water Elevation: (NGV	17.864		

Storet Code	Parameter Monitored	Sampling Method	Filtered Y/N	Analysis Method	Analysis Date	Analysis Result	Q	Units	Detection Limits
	Metals								
01002	Arsenic	Grab	N	SW6010	10/24/2008	34	X	µg/L	5.0
01045	Iron	Grab	N	SW6010	10/24/2008	18000	X	µg/L	20
00929	Sodium	Grab	N	SW6010	10/24/2008	31000		µg/L	500
01097	Antimony	Grab	N	SW6020	10/28/2008	0.50	U	µg/L	0.50
	SUB								
00620	Nitrogen. Nitrate	Grab	N	E353.2	10/21/2008	0.050	U	mg/L	0.050
00630	Nitrogen, Nitrate-Nitrite	Grab	N	E353.2	10/23/2008	0.050	U	mg/L	0.050
00615	Nitrogen, Nitrite	Grab	N	SM4500-	10/21/2008	0.0030	U	mg/L	0.0030
	WetChem								
00940	Chloride	Grab	N	E300.0	10/24/2008	17		mg/L	0.043
00945	Sulfate	Grab	N	E300.0	10/24/2008	7.9		mg/L	0.11
00610	Nitrogen, Ammonia (As N)	Grab	N	E350.1	10/24/2008	2.6		mg/L	0.020
00515	Solids, Total Dissolved	Grab	N	SM2540	10/23/2008	640	XV	mg/L	5.0
00094	Conductivity	Grab	N	Fld	10/21/08	371		µmhos/cm	
00299	Diss. Oxygen	Grab	N	Fld	10/21/08	0.24		mg/l	
00406	pH	Grab	N	Fld	10/21/08	6.26	x	units	
00010	Temperature	Grab	N	Fld	10/21/08	26.71		°C	
82078	Turbidity	Grab	N	Fld	10/21/08	1.8		NTU	

Data Qualifier Code Key:
U Not Detected Above the MDL
x Value exceeds Maximum Contaminant Level
V Analyte detected in the associated Method Blank

November 07, 2008

Mr. Cesar Rodriguez
Sarasota County
1301 Cattleman Road
Resource Management
Bldg. E
Sarasota, FL 34232

RE: Central County Wells 10/21 MW Order No.: F08100930

Dear Mr. Cesar Rodriguez:

PAS, Inc. received 4 samples on 10/22/2008 12:10:00 PM for the analyses presented in the following report.
Analyses are performed with method-required calibration and QA/QC samples, whenever applicable. Method performance, which is based on the calibration and QA/QC data, establishes the validity and certainty of the reported sample results. These data are provided along with the sample results.

Thank you for this opportunity to let Pace Analytical Services, Inc. (Florida) be of service to you. If you have any questions regarding this report, please feel free to call me at (386) 672-5668, extension 304.

Sincerely,

Project Manager
PAS, Inc.
P.O. Box 468
Ormond Beach, FL 32175-0468

THIS DOCUMENT MEETS NELAC
STANDARDS NELAC Certification #E83079

The following acronyms may be utilized within this report:

%REC	Percent Recovery
A	Absent
ABLK	Analytical Method Blank
CG	Confluent Growth
CGB	Confluent Growth Without Coliforms
CGC	Confluent Growth With Coliforms
DUP	Sample Duplicate
LCS	Laboratory Control Spike (may also be appended with an abbreviation indicating spiking level)
MBLK	Preparation Method Blank
MDL	Laboratory Method Detection Limit
MS	Matrix Spike (may also be appended with an abbreviation indicating spiking level)
MSD	Matrix Spike Duplicate (may also be appended with an abbreviation indicating spiking level)
P	Present
PQL	Practical Quantitation Limit
QCS	Alternate source Calibration Verification Standard (may also be reported as analytical LCS in some
RL	Reporting Limit
RPD	Relative Percent Difference
SPK	Spike
TIC	Tentatively Identified Compound
TNTC	Too Numerous To Count

The following notes may apply to analytical results within this report:

Residue (solids) analysis may employ a single, heated drying process of at least 12 hours duration in lieu of employing short, repeated drying cycles, which represents a deviation from the methodology.

Because the EPA-recommended holding time for pH, residual chlorine, chloramines and chlorine dioxide is 15 minutes from time of collection, these analyses are routinely performed outside of their EPA-recommended holding time when performed in the laboratory.

Analytical results for ammonia analysis, or calculated analytical results depending on ammonia analysis, do not include a sample distillation procedure. A study comparing distilled versus non-distilled analytical results has been performed to document the validity of the analysis without prior distillation, and represents equivalent results for the represented project matrices.

Since N-nitrosodiphenylamine decomposes in the GC inlet and cannot be chromatographically resolved from diphenylamine, these compounds are reported as a single analyte in the report.

Since m-cresol and p-cresol cannot be chromatographically resolved, these compounds are reported as a single analyte in the report.

The following certifications may apply to analytical results within this report:

Alabama	DEM	41320
Arizona	DHS	AZ0640
Colorado	DPHE	FL NELAC Reciprocity
Connecticut	DPH	PH-0216
Florida	DOH	E83079
Georgia	DNR	955
Kentucky	DEP	90050
Maine	LCP	2006032
Massachusetts	DEP	M-FL020
Michigan	DEQ	9911
Mississippi	DOH	FL NELAC Reciprocity
Nevada	EP	ELAB FL-00020
New Hampshire	DES	295805
New Jersey	DEP	FL765
New York	DOH	11608
Pennsylvania	DEP	68-00547
Puerto Rico	DOH	FL 00020
South Carolina	DHEC	96027001
Tennessee	DOH	02974
Texas	CEQ	T104704184-05-TX

PAS, Inc. 8 East Tower Cr., Ormond Beach, FL 32174-87

Case Narrative

CLIENT: Sarasota County
Project: Central County Wells 10/21 MW
Lab Order: F08100930

I. SAMPLE RECEIVING ACTIVITY

The samples were received and processed by the Sample Custody section of the laboratory. There were no significant logistics or quality problems unless noted below. Analysis performed by Benchmark, E84167, are identified on the COC and included in the report.

II. DATA

The samples were analyzed according to the laboratory's Standard Operating Procedures for the methodologies requested. There were no significant logistics or quality problems unless noted below or in the text of the report. The data were reported in a Parameter Monitoring Report format for Groundwater consistent with FAC 62-520.400,.420, .460. Toluene detected in trip blank but not in samples.

III. QUALITY CONTROL

There were no significant quality control problems unless noted below or in the text of the report. The MS/MSD data outside accepted recovery limits were due to sample matrix effects of the selected batch QC sample, however, the associated LCS data were within guidance criteria for the method.

Trace amounts of TDS were detected at levels between the RL and the MDL in the associated Method Blank, however, the levels detected were insignificant when compared to the levels detected in the sample associated with this batch.

Analytical Report

CLIENT:	Sarasota County	**Client Sample ID:**	102108 DUP
Lab Order:	F08100930	**Collection Date:**	10/21/2008
Project:	Central County Wells 10/21 MW	**Sample Description:**	Field Split
Lab ID:	F08100930-003	**Matrix:**	Groundwater

Analyses	Result	Qual	MDL	PQL	Units	DF	Date Analyzed	Batch ID
ICP METALS		SW6010	PrepDate:	10/23/2008 9:48:00			Analyst: TPI	
Arsenic	24		5.0	10	µg/L	1	10/24/08 05:03	56666
Barium	60		5.0	10	µg/L	1	10/24/08 05:03	56666
Beryllium	0.50	U	0.50	1.0	µg/L	1	10/24/08 05:03	56666
Cadmium	0.50	U	0.50	1.0	µg/L	1	10/24/08 05:03	56666
Calcium	160000		250	500	µg/L	1	10/24/08 05:03	56666
Chromium	3.8	I	2.5	5.0	µg/L	1	10/24/08 05:03	56666
Cobalt	5.0	U	5.0	10	µg/L	1	10/24/08 05:03	56666
Copper	3.0	I	2.5	5.0	µg/L	1	10/24/08 05:03	56666
Iron	10000		20	40	µg/L	1	10/24/08 05:03	56666
Lead	5.0	U	5.0	10	µg/L	1	10/24/08 05:03	56666
Magnesium	32000		250	500	µg/L	1	10/24/08 05:03	56666
Nickel	2.5	U	2.5	5.0	µg/L	1	10/24/08 05:03	56666
Potassium	22000		250	500	µg/L	1	10/24/08 05:03	56666
Selenium	7.5	U	7.5	15	µg/L	1	10/24/08 05:03	56666
Silver	2.5	U	2.5	5.0	µg/L	1	10/24/08 05:03	56666
Sodium	28000		500	1000	µg/L	1	10/24/08 05:03	56666
Vanadium	8.2	I	5.0	10	µg/L	1	10/24/08 05:03	56666
Zinc	10	U	10	20	µg/L	1	10/24/08 05:03	56666
ICP/MS METALS		SW6020	PrepDate:	10/23/2008 9:48:00			Analyst: DSK	
Antimony	0.65	I	0.50	1.0	µg/L	1	10/28/08 00:53	56666
Thallium	0.50	U	0.50	1.0	µg/L	1	10/28/08 00:53	56666
MERCURY		SW7470	PrepDate:	10/24/2008 9:35:00			Analyst: SKA	
Mercury	0.020	U	0.020	0.10	µg/L	1	10/27/08 17:31	56667
8011: EDB AND DBCP		SW8011	PrepDate:	10/24/2008 2:00:00			Analyst: LMA	
1,2-Dibromo-3-chloropropane	0.0049	U	0.0049	0.020	µg/L	1	10/25/08 11:36	56692
Ethylene Dibromide	0.0062	U	0.0062	0.010	µg/L	1	10/25/08 11:36	56692
NITROGEN, NITRATE		E353.2	PrepDate:				Analyst: SUB	
Nitrogen, Nitrate	0.050	U	0.050	0.20	mg/L	1	10/21/08 16:46	NA
NITROGEN, NITRATE-NITRITE		E353.2	PrepDate:				Analyst: SUB	
Nitrogen, Nitrate-Nitrite	0.050	U	0.050	0.20	mg/L	1	10/23/08 10:30	NA
NITROGEN, NITRITE		SM4500-NO2 B	PrepDate:				Analyst: SUB	
Nitrogen, Nitrite	0.0030	U	0.0030	0.012	mg/L	1	10/21/08 16:46	NA

Data Qualifier Code Key:				
	I	Analyte detected below quantitation limits	U	Not Detected Above the MDL
	V	Analyte detected in the associated Method Blank	x	Value exceeds Maximum Contaminant Level

Analytical Report

CLIENT:	Sarasota County	**Client Sample ID:**	102108 DUP
Lab Order:	F08100930	**Collection Date:**	10/21/2008
Project:	Central County Wells 10/21 MW	**Sample Description:**	Field Split
Lab ID:	F08100930-003	**Matrix:**	Groundwater

Analyses	Result	Qual	MDL	PQL	Units	DF	Date Analyzed	Batch ID
8260: VOLATILE ORGANIC COMPOUNDS		**SW8260**	PrepDate:	**10/31/2008 10:00:00**			Analyst: **ALA**	
Acetone	5.0	U	5.0	10	µg/L	1	10/31/08 20:17	56922
Acrylonitrile	5.0	U	5.0	10	µg/L	1	10/31/08 20:17	56922
Benzene	0.50	U	0.50	1.0	µg/L	1	10/31/08 20:17	56922
Bromochloromethane	0.50	U	0.50	1.0	µg/L	1	10/31/08 20:17	56922
Bromodichloromethane	0.30	U	0.30	0.60	µg/L	1	10/31/08 20:17	56922
Bromoform	0.50	U	0.50	1.0	µg/L	1	10/31/08 20:17	56922
Bromomethane	0.50	U	0.50	1.0	µg/L	1	10/31/08 20:17	56922
2-Butanone	5.0	U	5.0	10	µg/L	1	10/31/08 20:17	56922
Carbon disulfide	0.50	U	0.50	1.0	µg/L	1	10/31/08 20:17	56922
Carbon tetrachloride	0.50	U	0.50	1.0	µg/L	1	10/31/08 20:17	56922
Chlorobenzene	0.50	U	0.50	1.0	µg/L	1	10/31/08 20:17	56922
Chloroethane	0.61	U	0.61	1.0	µg/L	1	10/31/08 20:17	56922
Chloroform	0.50	U	0.50	1.0	µg/L	1	10/31/08 20:17	56922
Chloromethane	0.50	U	0.50	1.0	µg/L	1	10/31/08 20:17	56922
Dibromochloromethane	0.25	U	0.25	0.50	µg/L	1	10/31/08 20:17	56922
Dibromomethane	0.50	U	0.50	1.0	µg/L	1	10/31/08 20:17	56922
trans-1,4-Dichloro-2-butene	5.0	U	5.0	10	µg/L	1	10/31/08 20:17	56922
1,2-Dichlorobenzene	0.51	U	0.51	1.0	µg/L	1	10/31/08 20:17	56922
1,4-Dichlorobenzene	0.50	U	0.50	1.0	µg/L	1	10/31/08 20:17	56922
1,1-Dichloroethane	0.50	U	0.50	1.0	µg/L	1	10/31/08 20:17	56922
1,2-Dichloroethane	0.50	U	0.50	1.0	µg/L	1	10/31/08 20:17	56922
1,1-Dichloroethene	0.50	U	0.50	1.0	µg/L	1	10/31/08 20:17	56922
cis-1,2-Dichloroethene	0.50	U	0.50	1.0	µg/L	1	10/31/08 20:17	56922
trans-1,2-Dichloroethene	0.52	U	0.52	1.0	µg/L	1	10/31/08 20:17	56922
1,2-Dichloropropane	0.50	U	0.50	1.0	µg/L	1	10/31/08 20:17	56922
cis-1,3-Dichloropropene	0.25	U	0.25	0.50	µg/L	1	10/31/08 20:17	56922
trans-1,3-Dichloropropene	0.25	U	0.25	0.50	µg/L	1	10/31/08 20:17	56922
Ethylbenzene	0.56	I	0.50	1.0	µg/L	1	10/31/08 20:17	56922
2-Hexanone	5.0	U	5.0	10	µg/L	1	10/31/08 20:17	56922
Iodomethane	0.50	U	0.50	1.0	µg/L	1	10/31/08 20:17	56922
4-Methyl-2-pentanone	5.0	U	5.0	10	µg/L	1	10/31/08 20:17	56922
Methylene chloride	2.5	U	2.5	5.0	µg/L	1	10/31/08 20:17	56922
Styrene	0.50	U	0.50	1.0	µg/L	1	10/31/08 20:17	56922
1,1,1,2-Tetrachloroethane	0.50	U	0.50	1.0	µg/L	1	10/31/08 20:17	56922
1,1,2,2-Tetrachloroethane	0.17	U	0.17	0.50	µg/L	1	10/31/08 20:17	56922
Tetrachloroethene	0.50	U	0.50	1.0	µg/L	1	10/31/08 20:17	56922

Data Qualifier Code Key:

I	Analyte detected below quantitation limits	U	Not Detected Above the MDL
V	Analyte detected in the associated Method Blank	x	Value exceeds Maximum Contaminant Level

PAS, Inc. 8 East Tower Cr., Ormond Beach, FL 32174-87 **Date:** 07-Nov-08

Analytical Report

CLIENT:	Sarasota County	**Client Sample ID:**	102108 DUP
Lab Order:	F08100930	**Collection Date:**	10/21/2008
Project:	Central County Wells 10/21 MW	**Sample Description:**	Field Split
Lab ID:	F08100930-003	**Matrix:**	Groundwater

Analyses	Result	Qual	MDL	PQL	Units	DF	Date Analyzed	Batch ID
8260: VOLATILE ORGANIC COMPOUNDS		SW8260	PrepDate:	10/31/2008 10:00:00			Analyst: ALA	
Toluene	0.50	U	0.50	1.0	µg/L	1	10/31/08 20:17	56922
1,1,1-Trichloroethane	0.50	U	0.50	1.0	µg/L	1	10/31/08 20:17	56922
1,1,2-Trichloroethane	0.50	U	0.50	1.0	µg/L	1	10/31/08 20:17	56922
Trichloroethene	0.50	U	0.50	1.0	µg/L	1	10/31/08 20:17	56922
Trichlorofluoromethane	0.66	U	0.66	1.0	µg/L	1	10/31/08 20:17	56922
1,2,3-Trichloropropane	0.30	U	0.30	0.50	µg/L	1	10/31/08 20:17	56922
Vinyl acetate	1.0	U	1.0	2.0	µg/L	1	10/31/08 20:17	56922
Vinyl chloride	0.53	U	0.53	1.0	µg/L	1	10/31/08 20:17	56922
Xylenes, Total	1.0	U	1.0	3.0	µg/L	1	10/31/08 20:17	56922
Surr: 4-Bromofluorobenzene	92.5		0	70-114	%REC	1	10/31/08 20:17	56922
Surr: Dibromofluoromethane	97.2		0	88-117	%REC	1	10/31/08 20:17	56922
Surr: 1,2-Dichloroethane-d4	100		0	86-125	%REC	1	10/31/08 20:17	56922
Surr: Toluene-d8	98.7		0	87-113	%REC	1	10/31/08 20:17	56922
ALKALINITY AS CACO3		SM2320 B	PrepDate:				Analyst: TKE	
Alkalinity, Bicarbonate (As CaCO3)	530		5.0	5.0	mg/L	1	10/27/08 21:34	R72999
Alkalinity, Carbonate (As CaCO3)	5.0	U	5.0	5.0	mg/L	1	10/27/08 21:34	R72999
Alkalinity, Total (As CaCO3)	530		5.0	5.0	mg/L	1	10/27/08 21:34	R72999
ANIONS BY ION CHROMATOGRAPHY		E300.0	PrepDate:				Analyst: ACO	
Chloride	13		0.043	1.0	mg/L	2	10/24/08 15:36	R72969A
Sulfate	6.6		0.11	1.0	mg/L	2	10/24/08 15:36	R72969A
NITROGEN, AMMONIA		E350.1	PrepDate:				Analyst: TKE	
Nitrogen, Ammonia (As N)	2.1		0.020	0.050	mg/L	1	10/24/08 15:44	R72904B
SOLIDS, TOTAL DISSOLVED		SM2540 C	PrepDate:	10/23/2008 1:12:02			Analyst: TM	
Solids, Total Dissolved	630	V	5.0	5.0	mg/L	1	10/23/08 11:12	56647

Data Qualifier Code Key:				
	I	Analyte detected below quantitation limits	U	Not Detected Above the MDL
	V	Analyte detected in the associated Method Blank	x	Value exceeds Maximum Contaminant Level

PAS, Inc. 8 East Tower Cr., Ormond Beach, FL 32174-87 **Date:** *07-Nov-08*

Analytical Report

CLIENT:	Sarasota County	**Client Sample ID:**	Trip Blank
Lab Order:	F08100930	**Collection Date:**	10/22/2008
Project:	Central County Wells 10/21 MW	**Sample Description:**	Field Blank
Lab ID:	F08100930-004	**Matrix:**	Aqueous

Analyses	Result	Qual	MDL	PQL	Units	DF	Date Analyzed	Batch ID
8260: VOLATILE ORGANIC COMPOUNDS		SW8260	PrepDate:	10/30/2008 9:00:00			Analyst: ALA	
Acetone	5.0	U	5.0	10	µg/L	1	10/31/08 06:35	56915
Acrylonitrile	5.0	U	5.0	10	µg/L	1	10/31/08 06:35	56915
Benzene	0.50	U	0.50	1.0	µg/L	1	10/31/08 06:35	56915
Bromochloromethane	0.50	U	0.50	1.0	µg/L	1	10/31/08 06:35	56915
Bromodichloromethane	0.30	U	0.30	0.60	µg/L	1	10/31/08 06:35	56915
Bromoform	0.50	U	0.50	1.0	µg/L	1	10/31/08 06:35	56915
Bromomethane	0.50	U	0.50	1.0	µg/L	1	10/31/08 06:35	56915
2-Butanone	5.0	U	5.0	10	µg/L	1	10/31/08 06:35	56915
Carbon disulfide	0.50	U	0.50	1.0	µg/L	1	10/31/08 06:35	56915
Carbon tetrachloride	0.50	U	0.50	1.0	µg/L	1	10/31/08 06:35	56915
Chlorobenzene	0.50	U	0.50	1.0	µg/L	1	10/31/08 06:35	56915
Chloroethane	0.61	U	0.61	1.0	µg/L	1	10/31/08 06:35	56915
Chloroform	0.50	U	0.50	1.0	µg/L	1	10/31/08 06:35	56915
Chloromethane	0.50	U	0.50	1.0	µg/L	1	10/31/08 06:35	56915
Dibromochloromethane	0.25	U	0.25	0.50	µg/L	1	10/31/08 06:35	56915
Dibromomethane	0.50	U	0.50	1.0	µg/L	1	10/31/08 06:35	56915
trans-1,4-Dichloro-2-butene	5.0	U	5.0	10	µg/L	1	10/31/08 06:35	56915
1,2-Dichlorobenzene	0.51	U	0.51	1.0	µg/L	1	10/31/08 06:35	56915
1,4-Dichlorobenzene	0.50	U	0.50	1.0	µg/L	1	10/31/08 06:35	56915
1,1-Dichloroethane	0.50	U	0.50	1.0	µg/L	1	10/31/08 06:35	56915
1,2-Dichloroethane	0.50	U	0.50	1.0	µg/L	1	10/31/08 06:35	56915
1,1-Dichloroethene	0.50	U	0.50	1.0	µg/L	1	10/31/08 06:35	56915
cis-1,2-Dichloroethene	0.50	U	0.50	1.0	µg/L	1	10/31/08 06:35	56915
trans-1,2-Dichloroethene	0.52	U	0.52	1.0	µg/L	1	10/31/08 06:35	56915
1,2-Dichloropropane	0.50	U	0.50	1.0	µg/L	1	10/31/08 06:35	56915
cis-1,3-Dichloropropene	0.25	U	0.25	0.50	µg/L	1	10/31/08 06:35	56915
trans-1,3-Dichloropropene	0.25	U	0.25	0.50	µg/L	1	10/31/08 06:35	56915
Ethylbenzene	0.50	U	0.50	1.0	µg/L	1	10/31/08 06:35	56915
2-Hexanone	5.0	U	5.0	10	µg/L	1	10/31/08 06:35	56915
Iodomethane	0.50	U	0.50	1.0	µg/L	1	10/31/08 06:35	56915
4-Methyl-2-pentanone	5.0	U	5.0	10	µg/L	1	10/31/08 06:35	56915
Methylene chloride	2.5	U	2.5	5.0	µg/L	1	10/31/08 06:35	56915
Styrene	0.50	U	0.50	1.0	µg/L	1	10/31/08 06:35	56915
1,1,1,2-Tetrachloroethane	0.50	U	0.50	1.0	µg/L	1	10/31/08 06:35	56915
1,1,2,2-Tetrachloroethane	0.17	U	0.17	0.50	µg/L	1	10/31/08 06:35	56915
Tetrachloroethene	0.50	U	0.50	1.0	µg/L	1	10/31/08 06:35	56915

Data Qualifier Code Key:

I Analyte detected below quantitation limits
V Analyte detected in the associated Method Blank
U Not Detected Above the MDL
x Value exceeds Maximum Contaminant Level

PAS, Inc. 8 East Tower Cr., Ormond Beach, FL 32174-87 **Date:** *07-Nov-08*

Analytical Report

CLIENT:	Sarasota County	**Client Sample ID:**	Trip Blank
Lab Order:	F08100930	**Collection Date:**	10/22/2008
Project:	Central County Wells 10/21 MW	**Sample Description:**	Field Blank
Lab ID:	F08100930-004	**Matrix:**	Aqueous

Analyses	Result	Qual	MDL	PQL	Units	DF	Date Analyzed	Batch ID
8260: VOLATILE ORGANIC COMPOUNDS		**SW8260**	PrepDate:	**10/30/2008 9:00:00**			Analyst: **ALA**	
Toluene	1.8		0.50	1.0	µg/L	1	10/31/08 06:35	56915
1,1,1-Trichloroethane	0.50	U	0.50	1.0	µg/L	1	10/31/08 06:35	56915
1,1,2-Trichloroethane	0.50	U	0.50	1.0	µg/L	1	10/31/08 06:35	56915
Trichloroethene	0.50	U	0.50	1.0	µg/L	1	10/31/08 06:35	56915
Trichlorofluoromethane	0.66	U	0.66	1.0	µg/L	1	10/31/08 06:35	56915
1,2,3-Trichloropropane	0.30	U	0.30	0.50	µg/L	1	10/31/08 06:35	56915
Vinyl acetate	1.0	U	1.0	2.0	µg/L	1	10/31/08 06:35	56915
Vinyl chloride	0.53	U	0.53	1.0	µg/L	1	10/31/08 06:35	56915
Xylenes, Total	1.0	U	1.0	3.0	µg/L	1	10/31/08 06:35	56915
Surr: 4-Bromofluorobenzene	94.0		0	70-114	%REC	1	10/31/08 06:35	56915
Surr: Dibromofluoromethane	96.3		0	88-117	%REC	1	10/31/08 06:35	56915
Surr: 1,2-Dichloroethane-d4	99.8		0	86-125	%REC	1	10/31/08 06:35	56915
Surr: Toluene-d8	98.6		0	87-113	%REC	1	10/31/08 06:35	56915

Data Qualifier Code Key:

I	Analyte detected below quantitation limits	U	Not Detected Above the MDL
V	Analyte detected in the associated Method Blank	x	Value exceeds Maximum Contaminant Level

PAS, Inc. Date: 07-Nov-08

CLIENT: Sarasota County
Work Order: F08100930
Project: Central County Wells 10/21 MW

ANALYTICAL QC SUMMARY REPORT

TestCode: 8011_W

Sample ID **MB-56692** SampType: **MBLK** TestCode: **8011_W** Units: **µg/L** Prep Date: **10/24/2008** RunNo: **72968**
Client ID: **MB-56692** Batch ID: **56692** TestNo: **SW8011** **SW8011** Analysis Date: **10/25/2008** SeqNo: **2187115**

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
1,2-Dibromo-3-chloropropane	0.0049	U	0.0049								
Ethylene Dibromide	0.0062	U	0.0062								

Sample ID **LCS-56692** SampType: **LCS** TestCode: **8011_W** Units: **µg/L** Prep Date: **10/24/2008** RunNo: **72968**
Client ID: **LCS-56692** Batch ID: **56692** TestNo: **SW8011** **SW8011** Analysis Date: **10/25/2008** SeqNo: **2187116**

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
1,2-Dibromo-3-chloropropane	0.23		0.0049	0.25	0	90.4	60	140			
Ethylene Dibromide	0.21		0.0062	0.25	0	85.6	60	140			

Sample ID **LCSD-56692** SampType: **LCSD** TestCode: **8011_W** Units: **µg/L** Prep Date: **10/24/2008** RunNo: **72968**
Client ID: **LCSD-56692** Batch ID: **56692** TestNo: **SW8011** **SW8011** Analysis Date: **10/25/2008** SeqNo: **2187117**

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
1,2-Dibromo-3-chloropropane	0.23		0.0049	0.25	0	93.6	60	140	0.23	3.48	40
Ethylene Dibromide	0.22		0.0062	0.25	0	90.0	60	140	0.21	5.01	40

Sample ID **F08100934-003BMS** SampType: **MS** TestCode: **8011_W** Units: **µg/L** Prep Date: **10/24/2008** RunNo: **72968**
Batch ID: **56692** TestNo: **SW8011** **SW8011** Analysis Date: **10/25/2008** SeqNo: **2187143**

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
1,2-Dibromo-3-chloropropane	0.48		0.0085	0.44	0	109	60	140			
Ethylene Dibromide	0.49		0.011	0.44	0	112	60	140			

Data Qualifier Code Key:
- I Analyte detected below quantitation limits
- R RPD outside accepted recovery limits
- U Not Detected Above the MDL
- Q Holding times for preparation or analysis exceeded
- S Spike Recovery outside accepted recovery limits

PAS, Inc.

Date: 07-Nov-08

CLIENT: Sarasota County
Work Order: F08100930
Project: Central County Wells 10/21 MW

ANALYTICAL QC SUMMARY REPORT

TestCode: 8011_W

Sample ID **F08100934-003BMSD** SampType: **MSD** TestCode: **8011_W** Units: **µg/L** Prep Date: **10/24/2008** RunNo: **72968**
Batch ID: **56692** TestNo: **SW8011** **SW8011** Analysis Date: **10/25/2008** SeqNo: **2187144**

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
1,2-Dibromo-3-chloropropane	0.49		0.0086	0.44	0	111	60	140	0.48	2.31	40
Ethylene Dibromide	0.49		0.011	0.44	0	111	60	140	0.49	0.218	40

Data Qualifier Code Key:

J	Analyte detected below quantitation limits	Q	Holding times for preparation or analysis exceeded
R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits
U	Not Detected Above the MDL		

PAS, Inc. Date: 07-Nov-08

CLIENT: Sarasota County
Work Order: F08100930
Project: Central County Wells 10/21 MW

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_W

Sample ID	MB-56915	SampType: MBLK	TestCode: 8260_W	Units: µg/L	Prep Date:	10/30/2008	RunNo:	73161
Client ID:	MB-56915	Batch ID: 56915	TestNo: SW8260	SW5030A	Analysis Date:	10/31/2008	SeqNo:	2194376

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Acetone	5.0	U	5.0								
Acrylonitrile	5.0	U	5.0								
Benzene	0.50	U	0.50								
Bromochloromethane	0.50	U	0.50								
Bromodichloromethane	0.30	U	0.30								
Bromoform	0.50	U	0.50								
Bromomethane	0.50	U	0.50								
2-Butanone	5.0	U	5.0								
Carbon disulfide	0.50	U	0.50								
Carbon tetrachloride	0.50	U	0.50								
Chlorobenzene	0.50	U	0.50								
Chloroethane	0.61	U	0.61								
Chloroform	0.50	U	0.50								
Chloromethane	0.50	U	0.50								
Dibromochloromethane	0.25	U	0.25								
Dibromomethane	0.50	U	0.50								
trans-1,4-Dichloro-2-butene	5.0	U	5.0								
1,2-Dichlorobenzene	0.51	U	0.51								
1,4-Dichlorobenzene	0.50	U	0.50								
1,1-Dichloroethane	0.50	U	0.50								
1,2-Dichloroethane	0.50	U	0.50								
1,1-Dichloroethene	0.50	U	0.50								
cis-1,2-Dichloroethene	0.50	U	0.50								
trans-1,2-Dichloroethene	0.52	U	0.52								
1,2-Dichloropropane	0.50	U	0.50								
cis-1,3-Dichloropropene	0.25	U	0.25								
trans-1,3-Dichloropropene	0.25	U	0.25								

Data Qualifier Code Key:
- I Analyte detected below quantitation limits
- R RPD outside accepted recovery limits
- U Not Detected Above the MDL
- Q Holding times for preparation or analysis exceeded
- S Spike Recovery outside accepted recovery limits

PAS, Inc. Date: 07-Nov-08

CLIENT: Sarasota County
Work Order: F08100930
Project: Central County Wells 10/21 MW

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_W

Sample ID MB-56915 SampType: MBLK TestCode: 8260_W Units: µg/L Prep Date: 10/30/2008 RunNo: 73161
Client ID: MB-56915 Batch ID: 56915 TestNo: SW8260 SW5030A Analysis Date: 10/31/2008 SeqNo: 2194376

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Ethylbenzene	0.50	U	0.50								
2-Hexanone	5.0	U	5.0								
Iodomethane	0.50	U	0.50								
4-Methyl-2-pentanone	5.0	U	5.0								
Methylene chloride	2.5	U	2.5								
Styrene	0.50	U	0.50								
1,1,1,2-Tetrachloroethane	0.50	U	0.50								
1,1,2,2-Tetrachloroethane	0.17	U	0.17								
Tetrachloroethene	0.50	U	0.50								
Toluene	0.50	U	0.50								
1,1,1-Trichloroethane	0.50	U	0.50								
1,1,2-Trichloroethane	0.50	U	0.50								
Trichloroethene	0.50	U	0.50								
Trichlorofluoromethane	0.66	U	0.66								
1,2,3-Trichloropropane	0.30	U	0.30								
Vinyl acetate	1.0	U	1.0								
Vinyl chloride	0.53	U	0.53								
Xylenes, Total	1.0	U	1.0								
Surr: 4-Bromofluorobenzene	38		0	40	0	95.3	70	114			
Surr: Dibromofluoromethane	38		0	40	0	95.2	88	117			
Surr: 1,2-Dichloroethane-d4	40		0	40	0	99.2	86	125			
Surr: Toluene-d8	39		0	40	0	97.9	87	113			

Sample ID LCS-56915 SampType: LCS TestCode: 8260_W Units: µg/L Prep Date: 10/30/2008 RunNo: 73161
Client ID: LCS-56915 Batch ID: 56915 TestNo: SW8260 SW5030A Analysis Date: 10/31/2008 SeqNo: 2194378

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit

Data Qualifier Code Key:
- I Analyte detected below quantitation limits
- R RPD outside accepted recovery limits
- U Not Detected Above the MDL
- Q Holding times for preparation or analysis exceeded
- S Spike Recovery outside accepted recovery limits

PAS, Inc. Date: 07-Nov-08

CLIENT: Sarasota County
Work Order: F08100930
Project: Central County Wells 10/21 MW

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_W

Sample ID LCS-56915 SampType: LCS TestCode: 8260_W Units: µg/L Prep Date 10/30/2008 RunNo: 73161
Client ID: LCS-56915 Batch ID: 56915 TestNo: SW8260 SW5030A Analysis Date: 10/31/2008 SeqNo: 2194378

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Chloroform	19		0.50	20	0	93.2	61	146			
1,1-Dichloroethene	18		0.50	20	0	87.9	68	150			
1,2-Dichloropropane	19		0.50	20	0	92.7	71	140			
Ethylbenzene	22		0.50	20	0	109	79	140			
Toluene	19		0.50	20	0	94.4	69	140			
Vinyl chloride	18		0.53	20	0	89.7	62	140			
Surr: 4-Bromofluorobenzene	42		0	40	0	105	70	114			
Surr: Dibromofluoromethane	39		0	40	0	97.7	88	117			
Surr: 1,2-Dichloroethane-d4	40		0	40	0	101	86	125			
Surr: Toluene-d8	39		0	40	0	98.0	87	113			

Sample ID F08101009-003AMS SampType: MS TestCode: 8260_W Units: µg/L Prep Date: 10/30/2008 RunNo: 73161
Batch ID: 56915 TestNo: SW8260 SW5030A Analysis Date: 10/31/2008 SeqNo: 2194394

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Chloroform	19		0.50	20	0	92.8	61	146			
1,1-Dichloroethene	19		0.50	20	0	94.3	68	150			
1,2-Dichloropropane	18		0.50	20	0	92.4	71	140			
Ethylbenzene	22		0.50	20	0	110	79	140			
Toluene	20		0.50	20	0	98.0	69	140			
Vinyl chloride	18		0.53	20	0	89.7	62	140			
Surr: 4-Bromofluorobenzene	41		0	40	0	102	70	114			
Surr: Dibromofluoromethane	39		0	40	0	98.4	88	117			
Surr: 1,2-Dichloroethane-d4	40		0	40	0	99.3	86	125			
Surr: Toluene-d8	39		0	40	0	97.0	87	113			

Data Qualifier Code Key:
J Analyte detected below quantitation limits
R RPD outside accepted recovery limits
U Not Detected Above the MDL
Q Holding times for preparation or analysis exceeded
S Spike Recovery outside accepted recovery limits

CLIENT: Sarasota County
Work Order: F08100930
Project: Central County Wells 10/21 MW

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_W

Sample ID F08101009-003AMSD SampType: MSD TestCode: 8260_W Units: µg/L Prep Date: 10/30/2008 RunNo: 73161
Batch ID: 56915 TestNo: SW8260 SW5030A Analysis Date: 10/31/2008 SeqNo: 2194395

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Chloroform	18		0.50	20	0	91.8	61	146	19	1.08	40
1,1-Dichloroethene	19		0.50	20	0	94.2	68	150	19	0.0530	40
1,2-Dichloropropane	18		0.50	20	0	91.6	71	140	18	0.924	40
Ethylbenzene	22		0.50	20	0	111	79	140	22	1.32	40
Toluene	19		0.50	20	0	95.8	69	140	20	2.17	40
Vinyl chloride	20		0.53	20	0	98.1	62	140	18	9.00	40
Surr: 4-Bromofluorobenzene	41		0	40	0	104	70	114	41	0	0
Surr: Dibromofluoromethane	39		0	40	0	97.7	88	117	39	0	0
Surr: 1,2-Dichloroethane-d4	41		0	40	0	102	86	125	40	0	0
Surr: Toluene-d8	39		0	40	0	96.9	87	113	39	0	0

Sample ID MB-56922 SampType: MBLK TestCode: 8260_W Units: µg/L Prep Date: 10/30/2008 RunNo: 73176
Client ID: MB-56922 Batch ID: 56922 TestNo: SW8260 SW5030A Analysis Date: 10/31/2008 SeqNo: 2195380

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Acetone	5.0	U	5.0								
Acrylonitrile	5.0	U	5.0								
Benzene	0.50	U	0.50								
Bromochloromethane	0.50	U	0.50								
Bromodichloromethane	0.30	U	0.30								
Bromoform	0.50	U	0.50								
Bromomethane	0.50	U	0.50								
2-Butanone	5.0	U	5.0								
Carbon disulfide	0.50	U	0.50								
Carbon tetrachloride	0.50	U	0.50								
Chlorobenzene	0.50	U	0.50								
Chloroethane	0.61	U	0.61								

Data Qualifier Code Key:
- I *Analyte detected below quantitation limits*
- R *RPD outside accepted recovery limits*
- U Not Detected Above the MDL
- Q *Holding times for preparation or analysis exceeded*
- S *Spike Recovery outside accepted recovery limits*

PAS, Inc. Date: 07-Nov-08

CLIENT: Sarasota County
Work Order: F08100930
Project: Central County Wells 10/21 MW

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_W

Sample ID	MB-56922	SampType:	MBLK	TestCode:	8260_W	Units:	µg/L	Prep Date:	10/30/2008	RunNo:	73176
Client ID:	MB-56922	Batch ID:	56922	TestNo:	SW8260	SW5030A		Analysis Date:	10/31/2008	SeqNo:	2195380

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Chloroform	0.50	U	0.50								
Chloromethane	0.50	U	0.50								
Dibromochloromethane	0.25	U	0.25								
Dibromomethane	0.50	U	0.50								
trans-1,4-Dichloro-2-butene	5.0	U	5.0								
1,2-Dichlorobenzene	0.51	U	0.51								
1,4-Dichlorobenzene	0.50	U	0.50								
1,1-Dichloroethane	0.50	U	0.50								
1,2-Dichloroethane	0.50	U	0.50								
1,1-Dichloroethene	0.50	U	0.50								
cis-1,2-Dichloroethene	0.50	U	0.50								
trans-1,2-Dichloroethene	0.52	U	0.52								
1,2-Dichloropropane	0.50	U	0.50								
cis-1,3-Dichloropropene	0.25	U	0.25								
trans-1,3-Dichloropropene	0.25	U	0.25								
Ethylbenzene	0.50	U	0.50								
2-Hexanone	5.0	U	5.0								
Iodomethane	0.50	U	0.50								
4-Methyl-2-pentanone	5.0	U	5.0								
Methylene chloride	2.5	U	2.5								
Styrene	0.50	U	0.50								
1,1,1,2-Tetrachloroethane	0.50	U	0.50								
1,1,2,2-Tetrachloroethane	0.17	U	0.17								
Tetrachloroethene	0.50	U	0.50								
Toluene	0.50	U	0.50								
1,1,1-Trichloroethane	0.50	U	0.50								
1,1,2-Trichloroethane	0.50	U	0.50								

Data Qualifier Code Key:
- I Analyte detected below quantitation limits
- R RPD outside accepted recovery limits
- U Not Detected Above the MDL
- Q Holding times for preparation or analysis exceeded
- S Spike Recovery outside accepted recovery limits

PAS, Inc.

Date: 07-Nov-08

CLIENT: Sarasota County
Work Order: F08100930
Project: Central County Wells 10/21 MW

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_W

Sample ID: MB-56922 | SampType: MBLK | TestCode: 8260_W | Units: µg/L | Prep Date: 10/30/2008 | RunNo: 73176
Client ID: MB-56922 | Batch ID: 56922 | TestNo: SW8260 SW5030A | Analysis Date: 10/31/2008 | SeqNo: 2195380

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Trichloroethene	0.50	U	0.50								
Trichlorofluoromethane	0.66	U	0.66								
1,2,3-Trichloropropane	0 30	U	0.30								
Vinyl acetate	1.0	U	1.0								
Vinyl chloride	0.53	U	0.53								
Xylenes, Total	1.0	U	1.0								
Surr: 4-Bromofluorobenzene	37		0	40	0	92.4	70	114			
Surr: Dibromofluoromethane	38		0	40	0	95.8	88	117			
Surr: 1,2-Dichloroethane-d4	40		0	40	0	100	86	125			
Surr: Toluene-d8	39		0	40	0	98.6	87	113			

Sample ID: LCS-56922 | SampType: LCS | TestCode: 8260_W | Units: µg/L | Prep Date: 10/30/2008 | RunNo: 73176
Client ID: LCS-56922 | Batch ID: 56922 | TestNo: SW8260 SW5030A | Analysis Date: 10/31/2008 | SeqNo: 2195382

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Chloroform	19		0.50	20	0	94.5	61	146			
1,1-Dichloroethene	18		0.50	20	0	91.2	68	150			
1,2-Dichloropropane	19		0.50	20	0	94.8	71	140			
Ethylbenzene	22		0.50	20	0	112	79	140			
Toluene	19		0.50	20	0	97.2	69	140			
Vinyl chloride	19		0.53	20	0	93.5	62	140			
Surr: 4-Bromofluorobenzene	42		0	40	0	104	70	114			
Surr: Dibromofluoromethane	39		0	40	0	98.4	88	117			
Surr: 1,2-Dichloroethane-d4	40		0	40	0	99.0	86	125			
Surr: Toluene-d8	39		0	40	0	97.3	87	113			

Data Qualifier Code Key:
- J Analyte detected below quantitation limits
- R RPD outside accepted recovery limits
- U Not Detected Above the MDL
- Q Holding times for preparation or analysis exceeded
- S Spike Recovery outside accepted recovery limits

CLIENT: Sarasota County
Work Order: F08100930
Project: Central County Wells 10/21 MW

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_W

Sample ID F08100926-001AMS SampType: MS TestCode: 8260_W Units: µg/L Prep Date 10/31/2008 RunNo: 73176
Batch ID: 56922 TestNo: SW8260 SW5030A Analysis Date: 10/31/2008 SeqNo: 2195386

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Chloroform	19		0.50	20	0	93.5	61	146			
1,1-Dichloroethene	18		0.50	20	0	90.4	68	150			
1,2-Dichloropropane	18		0.50	20	0	91.6	71	140			
Ethylbenzene	21		0.50	20	0	107	79	140			
Toluene	19		0.50	20	0	93.2	69	140			
Vinyl chloride	18		0.53	20	0	92.1	62	140			
Surr: 4-Bromofluorobenzene	42		0	40	0	105	70	114			
Surr: Dibromofluoromethane	39		0	40	0	98.1	88	117			
Surr: 1,2-Dichloroethane-d4	40		0	40	0	101	86	125			
Surr: Toluene-d8	39		0	40	0	97.6	87	113			

Sample ID F08100926-001AMSD SampType: MSD TestCode: 8260_W Units: µg/L Prep Date 10/31/2008 RunNo: 73176
Batch ID 56922 TestNo: SW8260 SW5030A Analysis Date: 10/31/2008 SeqNo: 2195388

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Chloroform	19		0.50	20	0	95.4	61	146	19	2.01	40
1,1-Dichloroethene	18		0.50	20	0	92.0	68	150	18	1.81	40
1,2-Dichloropropane	19		0.50	20	0	93.0	71	140	18	1.57	40
Ethylbenzene	22		0.50	20	0	112	79	140	21	4.42	40
Toluene	20		0.50	20	0	98.0	69	140	19	5.02	40
Vinyl chloride	20		0.53	20	0	100	62	140	18	8.47	40
Surr: 4-Bromofluorobenzene	42		0	40	0	104	70	114	42	0	0
Surr: Dibromofluoromethane	40		0	40	0	99.2	88	117	39	0	0
Surr: 1,2-Dichloroethane-d4	40		0	40	0	101	86	125	40	0	0
Surr: Toluene-d8	39		0	40	0	96.9	87	113	39	0	0

Data Qualifier Code Key:
J Analyte detected below quantitation limits
R RPD outside accepted recovery limits
U Not Detected Above the MDL
Q Holding times for preparation or analysis exceeded
S Spike Recovery outside accepted recovery limits

PAS, Inc. Date: 07-Nov-08

CLIENT: Sarasota County
Work Order: F08100930
Project: Central County Wells 10/21 MW

ANALYTICAL QC SUMMARY REPORT

TestCode: AA-HG7470_W

Sample ID MB-56667 SampType: MBLK TestCode AA-HG7470 Units: µg/L Prep Date: 10/24/2008 RunNo: 72963
Client ID MB-56667 Batch ID: 56667 TestNo: SW7470 SW7470 Analysis Date: 10/27/2008 SeqNo: 2188159

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Mercury	0.020	U	0.020								

Sample ID LCS-56667 SampType: LCS TestCode: AA-HG7470_ Units: µg/L Prep Date: 10/24/2008 RunNo: 72963
Client ID: LCS-56667 Batch ID: 56667 TestNo: SW7470 SW7470 Analysis Date: 10/27/2008 SeqNo: 2188160

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Mercury	2.2		0.020	2.0	0	111	80	120			

Sample ID F08100941-003AMS SampType: MS TestCode: AA-HG7470_ Units: µg/L Prep Date: 10/24/2008 RunNo: 72963
Batch ID 56667 TestNo SW7470 SW7470 Analysis Date: 10/27/2008 SeqNo 2188179

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Mercury	2.2		0.020	2.0	0	109	85	115			

Sample ID F08100941-012AMS SampType: MS TestCode: AA-HG7470_ Units: µg/L Prep Date: 10/24/2008 RunNo: 72963
Batch ID: 56667 TestNo: SW7470 SW7470 Analysis Date: 10/27/2008 SeqNo: 2188193

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Mercury	2.2		0.020	2.0	0.025	107	85	115			

Sample ID F08100941-003AMSD SampType: MSD TestCode: AA-HG7470_ Units: µg/L Prep Date: 10/24/2008 RunNo: 72963
Batch ID: 56667 TestNo: SW7470 SW7470 Analysis Date: 10/27/2008 SeqNo: 2188181

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Mercury	2.1		0.020	2.0	0	107	85	115	2.2	1.76	20

Data Qualifier Code Key:
I Analyte detected below quantitation limits
R RPD outside accepted recovery limits
U Not Detected Above the MDL
Q Holding times for preparation or analysis exceeded
S Spike Recovery outside accepted recovery limits

PAS, Inc. Date: 07-Nov-08

CLIENT: Sarasota County
Work Order: F08100930
Project: Central County Wells 10/21 MW

ANALYTICAL QC SUMMARY REPORT

TestCode: AA-HG7470_W

Sample ID F08100941-012AMSD SampType: MSD TestCode: AA-HG7470_ Units: µg/L Prep Date: 10/24/2008 RunNo: 72963
Batch ID: 56667 TestNo: SW7470 SW7470 Analysis Date: 10/27/2008 SeqNo: 2188194

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Mercury	2.2		0.020	2.0	0.025	108	85	115	2.2	0.434	20

Data Qualifier Code Key:
- I Analyte detected below quantitation limits
- R RPD outside accepted recovery limits
- U Not Detected Above the MDL
- Q Holding times for preparation or analysis exceeded
- S Spike Recovery outside accepted recovery limits

PAS, Inc. Date: 07-Nov-08

CLIENT: Sarasota County
Work Order: F08100930
Project: Central County Wells 10/21 MW

ANALYTICAL QC SUMMARY REPORT

TestCode: ALKALINITY

Sample ID CCB-1 SampType: ABLK TestCode: ALKALINITY Units: mg/L Prep Date RunNo: 72999
Client ID: CCB-1 Batch ID: R72999 TestNo: SM2320 B Analysis Date: 10/27/2008 SeqNo: 2188353

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Alkalinity, Bicarbonate (As CaCO3)	5.0	U	5.0								
Alkalinity, Carbonate (As CaCO3)	5.0	U	5.0								
Alkalinity, Total (As CaCO3)	5.0	U	5.0								

Sample ID QCS SampType: QCS TestCode: ALKALINITY Units: mg/L Prep Date: RunNo: 72999
Client ID: QCS Batch ID: R72999 TestNo: SM2320 B Analysis Date: 10/27/2008 SeqNo: 2188355

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Alkalinity, Total (As CaCO3)	250		5.0	250	0	101	90	110			

Sample ID F08100896-001LMS SampType: MS TestCode: ALKALINITY Units: mg/L Prep Date: RunNo: 72999
Batch ID: R72999 TestNo: SM2320 B Analysis Date: 10/27/2008 SeqNo: 2188361

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Alkalinity, Total (As CaCO3)	100		5.0	100	0	103	90	110			

Sample ID F08100929-003HMS SampType: MS TestCode: ALKALINITY Units: mg/L Prep Date. RunNo: 72999
Batch ID R72999 TestNo: SM2320 B Analysis Date: 10/27/2008 SeqNo: 2188399

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Alkalinity, Total (As CaCO3)	99		5.0	100	0	99.3	90	110			

Sample ID F08100896-001LDUP SampType: DUP TestCode: ALKALINITY Units: mg/L Prep Date RunNo: 72999
Batch ID: R72999 TestNo: SM2320 B Analysis Date: 10/27/2008 SeqNo: 2188359

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit

Data Qualifier Code Key:
- I Analyte detected below quantitation limits
- R RPD outside accepted recovery limits
- U Not Detected Above the MDL
- Q Holding times for preparation or analysis exceeded
- S Spike Recovery outside accepted recovery limits

CLIENT:	Sarasota County
Work Order:	F08100930
Project:	Central County Wells 10/21 MW

ANALYTICAL QC SUMMARY REPORT

TestCode: ALKALINITY

Sample ID **F08100896-001LDUP** SampType: DUP TestCode: **ALKALINITY** Units: mg/L Prep Date: RunNo: **72999**
Batch ID: **R72999** TestNo: **SM2320 B** Analysis Date: **10/27/2008** SeqNo: **2188359**

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Alkalinity, Bicarbonate (As CaCO3)	5.0	U	5.0						5.0 U	0	20
Alkalinity, Carbonate (As CaCO3)	5.0	U	5.0						5.0 U	0	20
Alkalinity, Total (As CaCO3)	5.0	U	5.0						5.0 U	0	20

Sample ID **F08100929-003HDUP** SampType: DUP TestCode: **ALKALINITY** Units: mg/L Prep Date: RunNo: **72999**
Batch ID: **R72999** TestNo: **SM2320 B** Analysis Date: **10/27/2008** SeqNo: **2188397**

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Alkalinity, Bicarbonate (As CaCO3)	5.0	U	5.0						5.0 U	0	20
Alkalinity, Carbonate (As CaCO3)	5.0	U	5.0						5.0 U	0	20
Alkalinity, Total (As CaCO3)	5.0	U	5.0						5.0 U	0	20

Data Qualifier Code Key:				
	I	Analyte detected below quantitation limits	Q	Holding times for preparation or analysis exceeded
	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits
	U	Not Detected Above the MDL		

PAS, Inc.

Date: *07-Nov-08*

CLIENT: Sarasota County
Work Order: F08100930
Project: Central County Wells 10/21 MW

ANALYTICAL QC SUMMARY REPORT

TestCode: IC300_W

Sample ID **MB** SampType: **MBLK** TestCode: **IC300_W** Units: **mg/L** Prep Date: RunNo: **72969**
Client ID: **MB** Batch ID: **R72969A** TestNo: **E300.0** Analysis Date: **10/24/2008** SeqNo: **2186938**

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Chloride	0.021	U	0.021								
Sulfate	0.055	U	0.055								

Sample ID **LCS** SampType: **LCS** TestCode: **IC300_W** Units: **mg/L** Prep Date: RunNo: **72969**
Client ID: **LCS** Batch ID: **R72969A** TestNo: **E300.0** Analysis Date: **10/24/2008** SeqNo: **2186939**

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Chloride	5.2		0.021	5.0	0	104	90	110			
Sulfate	5.2		0.055	5.0	0	104	90	110			

Sample ID **F08101042-006GMS** SampType: **MS** TestCode: **IC300_W** Units: **mg/L** Prep Date: RunNo: **72969**
Batch ID: **R72969A** TestNo: **E300.0** Analysis Date: **10/24/2008** SeqNo: **2186941**

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Chloride	35		0.021	10	26	90.9	90	110			
Sulfate	E 181.1 mg/L	S	0.055	10	170	**69.4**	90	110			

Sample ID **F08100999-001JMS** SampType **MS** TestCode. **IC300_W** Units: **mg/L** Prep Date RunNo: **72969**
Batch ID: **R72969A** TestNo: **E300.0** Analysis Date: **10/24/2008** SeqNo: **2186960**

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Chloride	18		0.021	10	9.1	92.7	90	110			
Sulfate	12		0.055	10	3.0	90.2	90	110			

Data Qualifier Code Key:

I	Analyte detected below quantitation limits	Q	Holding times for preparation or analysis exceeded
R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits
U	Not Detected Above the MDL		

PAS, Inc. **Date:** *07-Nov-08*

CLIENT: Sarasota County
Work Order: F08100930
Project: Central County Wells 10/21 MW

ANALYTICAL QC SUMMARY REPORT

TestCode: IC300_W

Sample ID **F08101042-006GMSD** SampType: **MSD** TestCode: **IC300_W** Units: **mg/L** Prep Date: RunNo: **72969**
Batch ID: **R72969A** TestNo: **E300.0** Analysis Date: **10/24/2008** SeqNo: **2186942**

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Chloride	35	S	0.021	10	26	**88.8**	90	110	35	0.595	20
Sulfate	E 180.7 mg/L	S	0.055	10	170	**65.4**	90	110	180	0.221	20

Sample ID **F08100999-001JMSD** SampType: **MSD** TestCode: **IC300_W** Units: **mg/L** Prep Date: RunNo: **72969**
Batch ID: **R72969A** TestNo: **E300.0** Analysis Date: **10/24/2008** SeqNo: **2186961**

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Chloride	18		0.021	10	9.1	92.1	90	110	18	0.321	20
Sulfate	12		0.055	10	3.0	90.2	90	110	12	0.0306	20

Data Qualifier Code Key:
- I Analyte detected below quantitation limits
- R RPD outside accepted recovery limits
- U Not Detected Above the MDL
- Q Holding times for preparation or analysis exceeded
- S Spike Recovery outside accepted recovery limits

PAS, Inc.

Date: 07-Nov-08

CLIENT: Sarasota County
Work Order: F08100930
Project: Central County Wells 10/21 MW

ANALYTICAL QC SUMMARY REPORT

TestCode: ICP-6010_W

Sample ID: MB-56666 | SampType: MBLK | TestCode: ICP-6010_W | Units: µg/L | Prep Date: 10/23/2008 | RunNo: 72883
Client ID: MB-56666 | Batch ID: 56666 | TestNo: SW6010 SW3005A | Analysis Date: 10/24/2008 | SeqNo: 2185048

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Arsenic	5.0	U	5.0								
Barium	5.0	U	5.0								
Beryllium	0.50	U	0.50								
Cadmium	0.50	U	0.50								
Calcium	250	U	250								
Chromium	2.5	U	2.5								
Cobalt	5.0	U	5.0								
Copper	2.5	U	2.5								
Iron	20	U	20								
Lead	5.0	U	5.0								
Magnesium	250	U	250								
Nickel	2.5	U	2.5								
Potassium	250	U	250								
Selenium	7.5	U	7.5								
Silver	2.5	U	2.5								
Sodium	500	U	500								
Vanadium	5.0	U	5.0								
Zinc	10	U	10								

Sample ID: LCS-56666 | SampType: LCS | TestCode: ICP-6010_W | Units: µg/L | Prep Date: 10/23/2008 | RunNo: 72883
Client ID: LCS-56666 | Batch ID: 56666 | TestNo: SW6010 SW3005A | Analysis Date: 10/24/2008 | SeqNo: 2185049

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Arsenic	270		5.0	250	0	107	80	120			
Barium	270		5.0	250	0	109	80	120			
Beryllium	27		0.50	25	0	108	80	120			
Cadmium	27		0 50	25	0	109	80	120			

Data Qualifier Code Key:
I Analyte detected below quantitation limits
R RPD outside accepted recovery limits
U Not Detected Above the MDL
Q Holding times for preparation or analysis exceeded
S Spike Recovery outside accepted recovery limits

PAS, Inc. Date: 07-Nov-08

CLIENT: Sarasota County
Work Order: F08100930
Project: Central County Wells 10/21 MW

ANALYTICAL QC SUMMARY REPORT

TestCode: ICP-6010_W

Sample ID LCS-56666 SampType: LCS TestCode: ICP-6010_W Units: µg/L Prep Date: 10/23/2008 RunNo: 72883
Client ID: LCS-56666 Batch ID: 56666 TestNo: SW6010 SW3005A Analysis Date: 10/24/2008 SeqNo: 2185049

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Calcium	14000		250	12000	0	109	80	120			
Chromium	280		2.5	250	0	111	80	120			
Cobalt	280		5.0	250	0	111	80	120			
Copper	270		2.5	250	0	107	80	120			
Iron	2800		20	2500	0	110	80	120			
Lead	270		5.0	250	0	110	80	120			
Magnesium	14000		250	12000	0	108	80	120			
Nickel	270		2.5	250	0	110	80	120			
Potassium	13000		250	12000	0	101	80	120			
Selenium	270		7.5	250	0	107	80	120			
Silver	28		2.5	25	0	112	80	120			
Sodium	14000		500	12000	0	109	80	120			
Vanadium	270		5.0	250	0	109	80	120			
Zinc	1300		10	1200	0	106	80	120			

Sample ID F08100928-002AMS SampType: MS TestCode: ICP-6010_W Units: µg/L Prep Date: 10/23/2008 RunNo: 72883
Batch ID: 56666 TestNo: SW6010 SW3005A Analysis Date: 10/24/2008 SeqNo: 2185081

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Arsenic	280		5.0	250	11	107	75	125			
Barium	400		5.0	250	140	103	75	125			
Beryllium	26		0.50	25	0	102	75	125			
Cadmium	26		0.50	25	0	106	75	125			
Calcium	300000		250	12000	290000	80.0	75	125			
Chromium	260		2.5	250	0	106	75	125			
Cobalt	270		5.0	250	5.9	104	75	125			
Copper	270		2.5	250	0	108	75	125			

Data Qualifier Code Key:
J Analyte detected below quantitation limits
R RPD outside accepted recovery limits
U Not Detected Above the MDL
Q Holding times for preparation or analysis exceeded
S Spike Recovery outside accepted recovery limits

PAS, Inc. Date: 07-Nov-08

CLIENT: Sarasota County
Work Order: F08100930
Project: Central County Wells 10/21 MW

ANALYTICAL QC SUMMARY REPORT

TestCode: ICP-6010_W

Sample ID F08100928-002AMS SampType: MS TestCode: ICP-6010_W Units: µg/L Prep Date: 10/23/2008 RunNo: 72883
Batch ID: 56666 TestNo: SW6010 SW3005A Analysis Date: 10/24/2008 SeqNo: 2185081

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Iron	16000		20	2500	14000	96.0	75	125			
Lead	270		5.0	250	0	106	75	125			
Magnesium	62000		250	12000	50000	102	75	125			
Nickel	260		2.5	250	0	106	75	125			
Potassium	38000		250	12000	25000	105	75	125			
Selenium	270		7.5	250	0	106	75	125			
Silver	28		2.5	25	0	112	75	125			
Sodium	68000		500	12000	56000	100	75	125			
Vanadium	270		5.0	250	0	108	75	125			
Zinc	1300		10	1200	0	105	75	125			

Sample ID F08100928-002AMSD SampType: MSD TestCode: ICP-6010_W Units: µg/L Prep Date: 10/23/2008 RunNo: 72883
Batch ID: 56666 TestNo: SW6010 SW3005A Analysis Date: 10/24/2008 SeqNo: 2185084

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Arsenic	280		5.0	250	11	107	75	125	5.0 U	0.359	20
Barium	400		5.0	250	140	103	75	125	5.0 U	0.249	20
Beryllium	25		0.50	25	0	102	75	125	26	0.393	20
Cadmium	26		0.50	25	0	106	75	125	26	0	20
Calcium	300000		250	12000	290000	88.0	75	125	300000	0.334	20
Chromium	260		2.5	250	0	105	75	125	260	0.758	20
Cobalt	270		5.0	250	5.9	104	75	125	5.0 U	0.375	20
Copper	270		2.5	250	0	108	75	125	270	0.371	20
Iron	16000		20	2500	14000	100	75	125	20 U	0.619	20
Lead	260		5.0	250	0	105	75	125	5.0 U	1.52	20
Magnesium	63000		250	12000	50000	104	75	125	62000	0.320	20
Nickel	260		2.5	250	0	105	75	125	260	0.758	20

Data Qualifier Code Key:
I Analyte detected below quantitation limits
R RPD outside accepted recovery limits
U Not Detected Above the MDL
Q Holding times for preparation or analysis exceeded
S Spike Recovery outside accepted recovery limits

PAS, Inc.

Date: 07-Nov-08

CLIENT: Sarasota County
Work Order: F08100930
Project: Central County Wells 10/21 MW

ANALYTICAL QC SUMMARY REPORT

TestCode: ICP-6010_W

Sample ID F08100928-002AMSD SampType: MSD TestCode: ICP-6010_W Units: µg/L Prep Date: 10/23/2008 RunNo: 72883
Batch ID: 56666 TestNo. SW6010 SW3005A Analysis Date: 10/24/2008 SeqNo: 2185084

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Potassium	38000		250	12000	25000	107	75	125	38000	0.788	20
Selenium	260		7.5	250	0	104	75	125	7.5 U	2.28	20
Silver	28		2.5	25	0	113	75	125	28	1.07	20
Sodium	69000		500	12000	56000	105	75	125	68000	0.876	20
Vanadium	270		5.0	250	0	107	75	125	5.0 U	0.372	20
Zinc	1300		10	1200	0	104	75	125	1300	0.766	20

Data Qualifier Code Key:
I Analyte detected below quantitation limits
R RPD outside accepted recovery limits
U Not Detected Above the MDL
Q Holding times for preparation or analysis exceeded
S Spike Recovery outside accepted recovery limits

PAS, Inc. Date: 07-Nov-08

CLIENT: Sarasota County
Work Order: F08100930
Project: Central County Wells 10/21 MW

ANALYTICAL QC SUMMARY REPORT

TestCode: ICP-6020_W

Sample ID MB-56666 SampType: MBLK TestCode: ICP-6020_W Units: µg/L Prep Date: 10/23/2008 RunNo: 72942
Client ID: MB-56666 Batch ID: 56666 TestNo: SW6020 SW3005A Analysis Date: 10/27/2008 SeqNo: 2187928

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Antimony	0.50	U	0.50								
Thallium	0.50	U	0.50								

Sample ID LCS-56666 SampType: LCS TestCode: ICP-6020_W Units: µg/L Prep Date: 10/23/2008 RunNo: 72942
Client ID: LCS-56666 Batch ID: 56666 TestNo: SW6020 SW3005A Analysis Date: 10/27/2008 SeqNo: 2187929

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Antimony	51		0.50	50	0	102	85	115			
Thallium	51		0.50	50	0	103	85	115			

Sample ID F08100928-001AMS SampType: MS TestCode: ICP-6020_W Units: µg/L Prep Date: 10/23/2008 RunNo: 72942
Batch ID: 56666 TestNo: SW6020 SW3005A Analysis Date: 10/28/2008 SeqNo: 2187935

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Antimony	51		0.50	50	0	102	85	115			
Thallium	53		0.50	50	0	106	85	115			

Sample ID F08100928-001AMSD SampType: MSD TestCode: ICP-6020_W Units: µg/L Prep Date: 10/23/2008 RunNo: 72942
Batch ID: 56666 TestNo: SW6020 SW3005A Analysis Date: 10/28/2008 SeqNo: 2187936

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Antimony	52		0.50	50	0	104	85	115	51	2.17	20
Thallium	53		0.50	50	0	107	85	115	53	0.775	20

Data Qualifier Code Key:
- I Analyte detected below quantitation limits
- R RPD outside accepted recovery limits
- U Not Detected Above the MDL
- Q Holding times for preparation or analysis exceeded
- S Spike Recovery outside accepted recovery limits

CLIENT: Sarasota County
Work Order: F08100930
Project: Central County Wells 10/21 MW

ANALYTICAL QC SUMMARY REPORT

TestCode: N-NH3_W

Sample ID QCS SampType: QCS TestCode: N-NH3_W Units: mg/L Prep Date: RunNo: 72904
Client ID: QCS Batch ID: R72904 TestNo: E350.1 Analysis Date: 10/24/2008 SeqNo: 2186415

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Nitrogen, Ammonia (As N)	6.5		0.020	6.6	0	98.9	90	110			

Sample ID CCB SampType: ABLK TestCode: N-NH3_W Units: mg/L Prep Date: RunNo: 72904
Client ID: CCB Batch ID: R72904 TestNo: E350.1 Analysis Date: 10/24/2008 SeqNo: 2186416

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Nitrogen, Ammonia (As N)	0.020	U	0.020								

Sample ID MB-R72904B SampType: MBLK TestCode: N-NH3_W Units: mg/L Prep Date: RunNo: 72904
Client ID: MB-R72904B Batch ID: R72904B TestNo: E350.1 Analysis Date: 10/24/2008 SeqNo: 2186551

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Nitrogen, Ammonia (As N)	0.020	U	0.020								

Sample ID LCS-R72904B SampType: LCS TestCode: N-NH3_W Units: mg/L Prep Date: RunNo: 72904
Client ID: LCS-R72904B Batch ID: R72904B TestNo: E350.1 Analysis Date: 10/24/2008 SeqNo: 2186552

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Nitrogen, Ammonia (As N)	0.98		0.020	1.0	0	97.7	90	110			

Sample ID F08100926-001DMS SampType: MS TestCode: N-NH3_W Units: mg/L Prep Date: RunNo: 72904
Batch ID: R72904B TestNo: E350.1 Analysis Date: 10/24/2008 SeqNo: 2186572

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Nitrogen, Ammonia (As N)	7.9	S	0.020	1.0	6.4	**156**	90	110			

Data Qualifier Code Key:
I Analyte detected below quantitation limits
R RPD outside accepted recovery limits
U Not Detected Above the MDL
Q Holding times for preparation or analysis exceeded
S Spike Recovery outside accepted recovery limits

PAS, Inc. Date: 07-Nov-08

CLIENT: Sarasota County
Work Order: F08100930
Project: Central County Wells 10/21 MW

ANALYTICAL QC SUMMARY REPORT

TestCode: N-NH3_W

Sample ID F08100926-001DDUP SampType: DUP TestCode: N-NH3 W Units: mg/L Prep Date: RunNo: 72904
Batch ID: R72904B TestNo. E350.1 Analysis Date: 10/24/2008 SeqNo 2186571

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Nitrogen, Ammonia (As N)	6.4		0.020						6.4	0.360	20

Data Qualifier Code Key:
I Analyte detected below quantitation limits
R RPD outside accepted recovery limits
U Not Detected Above the MDL
Q Holding times for preparation or analysis exceeded
S Spike Recovery outside accepted recovery limits

PAS, Inc. Date: 07-Nov-08

CLIENT: Sarasota County
Work Order: F08100930
Project: Central County Wells 10/21 MW

ANALYTICAL QC SUMMARY REPORT

TestCode: SOLIDS-TDS

Sample ID: MB-56647 | SampType: MBLK | TestCode: SOLIDS-TDS | Units: mg/L | Prep Date: 10/23/2008 | RunNo: 72868
Client ID: MB-56647 | Batch ID: 56647 | TestNo: SM2540 C SM2540 C | Analysis Date: 10/23/2008 | SeqNo: 2190749

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Solids, Total Dissolved	35		5.0								

Sample ID: LCS-56647 | SampType: LCS | TestCode: SOLIDS-TDS | Units: mg/L | Prep Date: 10/23/2008 | RunNo: 72868
Client ID: LCS-56647 | Batch ID: 56647 | TestNo: SM2540 C SM2540 C | Analysis Date: 10/23/2008 | SeqNo: 2190750

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Solids, Total Dissolved	310		5.0	300	35	91.7	90	110			

Sample ID: F08100924-001KDUP | SampType: DUP | TestCode: SOLIDS-TDS | Units: mg/L | Prep Date: 10/23/2008 | RunNo: 72868
Batch ID: 56647 | TestNo: SM2540 C SM2540 C | Analysis Date: 10/23/2008 | SeqNo: 2190752

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Solids, Total Dissolved	1800	x	5.0						5.0 U	0	20

Sample ID: F08100941-001CDUP | SampType: DUP | TestCode: SOLIDS-TDS | Units: mg/L | Prep Date: 10/23/2008 | RunNo: 72868
Batch ID: 56647 | TestNo: SM2540 C SM2540 C | Analysis Date: 10/23/2008 | SeqNo: 2190774

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Solids, Total Dissolved	22	R	5.0						5.0 U	**31.6**	20

Data Qualifier Code Key:
- I Analyte detected below quantitation limits
- R RPD outside accepted recovery limits
- U Not Detected Above the MDL
- Q Holding times for preparation or analysis exceeded
- S Spike Recovery outside accepted recovery limits

November 04, 2008

Mr. Cesar Rodriguez
Sarasota County
1301 Cattleman Road
Resource Management
Bldg. E
Sarasota, FL 34232

NOV 2008
Resource
Management
Division

RE: Central County Wells 10/21 CW Order No.: F08100931

Dear Mr. Cesar Rodriguez:

PAS, Inc. received 1 sample on 10/22/2008 12:10:00 PM for the analyses presented in the following report.

Analyses are performed with method-required calibration and QA/QC samples, whenever applicable. Method performance, which is based on the calibration and QA/QC data, establishes the validity and certainty of the reported sample results. These data are provided along with the sample results.

Thank you for this opportunity to let Pace Analytical Services, Inc. (Florida) be of service to you. If you have any questions regarding this report, please feel free to call me at (386) 672-5668, extension 304.

Sincerely,

Project Manager
PAS, Inc.
P.O. Box 468
Ormond Beach, FL 32175-0468

THIS DOCUMENT MEETS NELAC
STANDARDS NELAC Certification #E83079

The following acronyms may be utilized within this report:

%REC	Percent Recovery
A	Absent
ABLK	Analytical Method Blank
CG	Confluent Growth
CGB	Confluent Growth Without Coliforms
CGC	Confluent Growth With Coliforms
DUP	Sample Duplicate
LCS	Laboratory Control Spike (may also be appended with an abbreviation indicating spiking level)
MBLK	Preparation Method Blank
MDL	Laboratory Method Detection Limit
MS	Matrix Spike (may also be appended with an abbreviation indicating spiking level)
MSD	Matrix Spike Duplicate (may also be appended with an abbreviation indicating spiking level)
P	Present
PQL	Practical Quantitation Limit
QCS	Alternate source Calibration Verification Standard (may also be reported as analytical LCS in some
RL	Reporting Limit
RPD	Relative Percent Difference
SPK	Spike
TIC	Tentatively Identified Compound
TNTC	Too Numerous To Count

The following notes may apply to analytical results within this report:

Residue (solids) analysis may employ a single, heated drying process of at least 12 hours duration in lieu of employing short, repeated drying cycles, which represents a deviation from the methodology.

Because the EPA-recommended holding time for pH, residual chlorine, chloramines and chlorine dioxide is 15 minutes from time of collection, these analyses are routinely performed outside of their EPA-recommended holding time when performed in the laboratory.

Analytical results for ammonia analysis, or calculated analytical results depending on ammonia analysis, do not include a sample distillation procedure. A study comparing distilled versus non-distilled analytical results has been performed to document the validity of the analysis without prior distillation, and represents equivalent results for the represented project matrices.

Since N-nitrosodiphenylamine decomposes in the GC inlet and cannot be chromatographically resolved from diphenylamine, these compounds are reported as a single analyte in the report.

Since m-cresol and p-cresol cannot be chromatographically resolved, these compounds are reported as a single analyte in the report.

The following certifications may apply to analytical results within this report:

Alabama	DEM	41320
Arizona	DHS	AZ0640
Colorado	DPHE	FL NELAC Reciprocity
Connecticut	DPH	PH-0216
Florida	DOH	E83079
Georgia	DNR	955
Kentucky	DEP	90050
Maine	LCP	2006032
Massachusetts	DEP	M-FL020
Michigan	DEQ	9911
Mississippi	DOH	FL NELAC Reciprocity
Nevada	EP	ELAB FL-00020
New Hampshire	DES	295805
New Jersey	DEP	FL765
New York	DOH	11608
Pennsylvania	DEP	68-00547
Puerto Rico	DOH	FL 00020
South Carolina	DHEC	96027001
Tennessee	DOH	02974
Texas	CEQ	T104704184-05-TX

Case Narrative

CLIENT: Sarasota County
Project: Central County Wells 10/21 CW
Lab Order: F08100931

I. SAMPLE RECEIVING ACTIVITY

The samples were received and processed by the Sample Custody section of the laboratory. There were no significant logistics or quality problems unless noted below. Analysis performed by Benchmark, E84167, are identified on the COC and included in the report.

II. DATA

The samples were analyzed according to the laboratory's Standard Operating Procedures for the methodologies requested. There were no significant logistics or quality problems unless noted below or in the text of the report. The data were reported in a Parameter Monitoring Report format for Groundwater consistent with FAC 62-520.400,.420, .460.

III. QUALITY CONTROL

There were no significant quality control problems unless noted below or in the text of the report. The MS/MSD data outside accepted recovery limits were due to sample matrix effects of the selected batch QC sample, however, the associated LCS data were within guidance criteria for the method.

Trace amounts of TDS were detected at levels between the RL and the MDL in the associated Method Blank, however, the levels detected were insignificant when compared to the levels detected in the samples associated with this batch.

PAS, Inc.

Date: 04-Nov-08

CLIENT: Sarasota County
Work Order: F08100931
Project: Central County Wells 10/21 CW

ANALYTICAL QC SUMMARY REPORT

TestCode: IC300_W

Sample ID **MB** SampType: **MBLK** TestCode: **IC300_W** Units: **mg/L** Prep Date: RunNo: **72969**
Client ID: **MB** Batch ID: **R72969A** TestNo: **E300.0** Analysis Date: **10/24/2008** SeqNo: **2186938**

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Chloride	0.021	U	0.021								
Sulfate	0.055	U	0.055								

Sample ID **LCS** SampType: **LCS** TestCode: **IC300_W** Units: **mg/L** Prep Date: RunNo: **72969**
Client ID: **LCS** Batch ID: **R72969A** TestNo: **E300.0** Analysis Date: **10/24/2008** SeqNo: **2186939**

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Chloride	5.2		0.021	5.0	0	104	90	110			
Sulfate	5.2		0.055	5.0	0	104	90	110			

Sample ID **F08101042-006GMS** SampType: **MS** TestCode: **IC300_W** Units: **mg/L** Prep Date: RunNo: **72969**
Batch ID: **R72969A** TestNo: **E300.0** Analysis Date: **10/24/2008** SeqNo: **2186941**

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Chloride	35		0.021	10	26	90.9	90	110			
Sulfate	E 181.1 mg/L	S	0.055	10	170	69.4	90	110			

Sample ID **F08100999-001JMS** SampType: **MS** TestCode: **IC300_W** Units: **mg/L** Prep Date: RunNo: **72969**
Batch ID: **R72969A** TestNo: **E300.0** Analysis Date: **10/24/2008** SeqNo: **2186960**

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Chloride	18		0.021	10	9.1	92.7	90	110			
Sulfate	12		0.055	10	3.0	90.2	90	110			

Data Qualifier Code Key:
- Q Holding times for preparation or analysis exceeded
- S Spike Recovery outside accepted recovery limits
- R RPD outside accepted recovery limits
- U Not Detected Above the MDL

PAS, Inc.

Date: 04-Nov-08

CLIENT: Sarasota County
Work Order: F08100931
Project: Central County Wells 10/21 CW

ANALYTICAL QC SUMMARY REPORT

TestCode: IC300_W

Sample ID F08101042-006GMSD SampType: MSD TestCode: IC300_W Units: mg/L Prep Date: RunNo: 72969
Batch ID: R72969A TestNo: E300.0 Analysis Date: 10/24/2008 SeqNo: 2186942

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Chloride	35	S	0.021	10	26	**88.8**	90	110	35	0.595	20
Sulfate	E 180.7 mg/L	S	0.055	10	170	**65.4**	90	110	180	0.221	20

Sample ID F08100999-001JMSD SampType: MSD TestCode: IC300_W Units: mg/L Prep Date: RunNo: 72969
Batch ID: R72969A TestNo: E300.0 Analysis Date: 10/24/2008 SeqNo: 2186961

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Chloride	18		0.021	10	9.1	92.1	90	110	18	0.321	20
Sulfate	12		0.055	10	3.0	90.2	90	110	12	0.0306	20

Data Qualifier Code Key:
Q Holding times for preparation or analysis exceeded
S Spike Recovery outside accepted recovery limits
R RPD outside accepted recovery limits
U Not Detected Above the MDL

PAS, Inc. Date: 04-Nov-08

CLIENT: Sarasota County
Work Order: F08100931
Project: Central County Wells 10/21 CW

ANALYTICAL QC SUMMARY REPORT

TestCode: ICP-6010_W

Sample ID **MB-56666** SampType: **MBLK** TestCode: **ICP-6010_W** Units: **µg/L** Prep Date: **10/23/2008** RunNo: **72883**
Client ID: **MB-56666** Batch ID: **56666** TestNo: **SW6010** **SW3005A** Analysis Date: **10/24/2008** SeqNo: **2185048**

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Arsenic	5.0	U	5.0								
Iron	20	U	20								
Sodium	500	U	500								

Sample ID **LCS-56666** SampType: **LCS** TestCode: **ICP-6010_W** Units: **µg/L** Prep Date: **10/23/2008** RunNo: **72883**
Client ID: **LCS-56666** Batch ID: **56666** TestNo: **SW6010** **SW3005A** Analysis Date: **10/24/2008** SeqNo: **2185049**

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Arsenic	270		5.0	250	0	107	80	120			
Iron	2800		20	2500	0	110	80	120			
Sodium	14000		500	12000	0	109	80	120			

Sample ID **F08100928-002AMS** SampType: **MS** TestCode: **ICP-6010_W** Units: **µg/L** Prep Date: **10/23/2008** RunNo: **72883**
Batch ID: **56666** TestNo: **SW6010** **SW3005A** Analysis Date: **10/24/2008** SeqNo: **2185081**

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Arsenic	280		5.0	250	11	107	75	125			
Iron	16000		20	2500	14000	96.0	75	125			
Sodium	68000		500	12000	56000	100	75	125			

Sample ID **F08100928-002AMSD** SampType: **MSD** TestCode: **ICP-6010_W** Units: **µg/L** Prep Date: **10/23/2008** RunNo: **72883**
Batch ID: **56666** TestNo: **SW6010** **SW3005A** Analysis Date: **10/24/2008** SeqNo: **2185084**

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Arsenic	280		5.0	250	11	107	75	125	5.0 U	0.359	20
Iron	16000		20	2500	14000	100	75	125	20 U	0.619	20

Data Qualifier Code Key:
Q Holding times for preparation or analysis exceeded
S Spike Recovery outside accepted recovery limits
R RPD outside accepted recovery limits
U Not Detected Above the MDL

PAS, Inc. Date: 04-Nov-08

CLIENT: Sarasota County
Work Order: F08100931
Project: Central County Wells 10/21 CW

ANALYTICAL QC SUMMARY REPORT

TestCode: ICP-6010_W

Sample ID F08100928-002AMSD SampType: MSD TestCode: ICP-6010_W Units: µg/L Prep Date: 10/23/2008 RunNo: 72883
Batch ID: 56666 TestNo: SW6010 SW3005A Analysis Date: 10/24/2008 SeqNo: 2185084

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Sodium	69000		500	12000	56000	105	75	125	68000	0.876	20

Data Qualifier Code Key:		
Q	Holding times for preparation or analysis exceeded	
S	Spike Recovery outside accepted recovery limits	
R	RPD outside accepted recovery limits	
U	Not Detected Above the MDL	

PAS, Inc.

Date: 04-Nov-08

CLIENT: Sarasota County
Work Order: F08100931
Project: Central County Wells 10/21 CW

ANALYTICAL QC SUMMARY REPORT

TestCode: ICP-6020_W

Sample ID MB-56666 SampType: MBLK TestCode: ICP-6020_W Units: µg/L Prep Date: 10/23/2008 RunNo: 72942
Client ID: MB-56666 Batch ID: 56666 TestNo: SW6020 SW3005A Analysis Date: 10/27/2008 SeqNo: 2187928

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Antimony	0.50	U	0.50								

Sample ID LCS-56666 SampType: LCS TestCode: ICP-6020_W Units: µg/L Prep Date: 10/23/2008 RunNo: 72942
Client ID: LCS-56666 Batch ID: 56666 TestNo: SW6020 SW3005A Analysis Date: 10/27/2008 SeqNo: 2187929

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Antimony	51		0.50	50	0	102	85	115			

Sample ID F08100928-001AMS SampType: MS TestCode: ICP-6020_W Units: µg/L Prep Date: 10/23/2008 RunNo: 72942
Batch ID: 56666 TestNo: SW6020 SW3005A Analysis Date: 10/28/2008 SeqNo: 2187935

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Antimony	51		0.50	50	0	102	85	115			

Sample ID F08100928-001AMSD SampType: MSD TestCode: ICP-6020_W Units: µg/L Prep Date: 10/23/2008 RunNo: 72942
Batch ID: 56666 TestNo: SW6020 SW3005A Analysis Date: 10/28/2008 SeqNo: 2187936

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Antimony	52		0.50	50	0	104	85	115	51	2.17	20

Data Qualifier Code Key:
Q Holding times for preparation or analysis exceeded
S Spike Recovery outside accepted recovery limits
R RPD outside accepted recovery limits
U Not Detected Above the MDL

PAS, Inc. Date: 04-Nov-08

CLIENT: Sarasota County
Work Order: F08100931
Project: Central County Wells 10/21 CW

ANALYTICAL QC SUMMARY REPORT

TestCode: N-NH3_W

Sample ID: **QCS** SampType: **QCS** TestCode: **N-NH3_W** Units: **mg/L** Prep Date: RunNo: **72904**
Client ID: **QCS** Batch ID: **R72904** TestNo: **E350.1** Analysis Date: **10/24/2008** SeqNo: **2186415**

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Nitrogen, Ammonia (As N)	6.5		0.020	6.6	0	98.9	90	110			

Sample ID: **CCB** SampType: **ABLK** TestCode: **N-NH3_W** Units: **mg/L** Prep Date: RunNo: **72904**
Client ID: **CCB** Batch ID: **R72904** TestNo: **E350.1** Analysis Date: **10/24/2008** SeqNo: **2186416**

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Nitrogen, Ammonia (As N)	0.020	U	0.020								

Sample ID: **MB-R72904B** SampType: **MBLK** TestCode: **N-NH3_W** Units: **mg/L** Prep Date: RunNo: **72904**
Client ID: **MB-R72904B** Batch ID: **R72904B** TestNo: **E350.1** Analysis Date: **10/24/2008** SeqNo: **2186551**

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Nitrogen, Ammonia (As N)	0.020	U	0.020								

Sample ID: **LCS-R72904B** SampType: **LCS** TestCode: **N-NH3_W** Units: **mg/L** Prep Date: RunNo: **72904**
Client ID: **LCS-R72904B** Batch ID: **R72904B** TestNo: **E350.1** Analysis Date: **10/24/2008** SeqNo: **2186552**

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Nitrogen, Ammonia (As N)	0.98		0.020	1.0	0	97.7	90	110			

Sample ID: **F08100926-001DMS** SampType: **MS** TestCode: **N-NH3_W** Units: **mg/L** Prep Date: RunNo: **72904**
Batch ID: **R72904B** TestNo: **E350.1** Analysis Date: **10/24/2008** SeqNo: **2186572**

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Nitrogen, Ammonia (As N)	7.9	S	0.020	1.0	6.4	156	90	110			

Data Qualifier Code Key:
Q Holding times for preparation or analysis exceeded
S Spike Recovery outside accepted recovery limits
R RPD outside accepted recovery limits
U Not Detected Above the MDL

PAS, Inc.

Date: 04-Nov-08

CLIENT: Sarasota County
Work Order: F08100931
Project: Central County Wells 10/21 CW

ANALYTICAL QC SUMMARY REPORT

TestCode: N-NH3_W

Sample ID **F08100926-001DDUP** SampType: **DUP** TestCode: **N-NH3_W** Units: **mg/L** Prep Date: RunNo: **72904**
Batch ID: **R72904B** TestNo: **E350.1** Analysis Date: **10/24/2008** SeqNo: **2186571**

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Nitrogen, Ammonia (As N)	6.4		0.020						6 4	0 360	20

Data Qualifier Code Key:
Q Holding times for preparation or analysis exceeded
S Spike Recovery outside accepted recovery limits
R RPD outside accepted recovery limits
U Not Detected Above the MDL

PAS, Inc. Date: 04-Nov-08

CLIENT: Sarasota County
Work Order: F08100931
Project: Central County Wells 10/21 CW

ANALYTICAL QC SUMMARY REPORT

TestCode: SOLIDS-TDS

Sample ID **MB-56647** SampType: **MBLK** TestCode: **SOLIDS-TDS** Units: **mg/L** Prep Date: **10/23/2008** RunNo: **72868**
Client ID: **MB-56647** Batch ID: **56647** TestNo: **SM2540 C** **SM2540 C** Analysis Date: **10/23/2008** SeqNo: **2190749**

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Solids, Total Dissolved	35		5.0								

Sample ID **LCS-56647** SampType: **LCS** TestCode: **SOLIDS-TDS** Units: **mg/L** Prep Date: **10/23/2008** RunNo: **72868**
Client ID: **LCS-56647** Batch ID: **56647** TestNo: **SM2540 C** **SM2540 C** Analysis Date: **10/23/2008** SeqNo: **2190750**

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Solids, Total Dissolved	310		5.0	300	35	91.7	90	110			

Sample ID **F08100924-001KDUP** SampType: **DUP** TestCode: **SOLIDS-TDS** Units: **mg/L** Prep Date: **10/23/2008** RunNo: **72868**
Batch ID: **56647** TestNo: **SM2540 C** **SM2540 C** Analysis Date: **10/23/2008** SeqNo: **2190752**

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Solids, Total Dissolved	1800	x	5.0						5.0 U	0	20

Sample ID **F08100941-001CDUP** SampType: **DUP** TestCode: **SOLIDS-TDS** Units: **mg/L** Prep Date: **10/23/2008** RunNo: **72868**
Batch ID: **56647** TestNo: **SM2540 C** **SM2540 C** Analysis Date: **10/23/2008** SeqNo: **2190774**

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Solids, Total Dissolved	22	R	5.0						5.0 U	31.6	20

Data Qualifier Code Key:
Q Holding times for preparation or analysis exceeded
S Spike Recovery outside accepted recovery limits
R RPD outside accepted recovery limits
U Not Detected Above the MDL

November 05, 2008

NOV 2008
Resource
Management
Division

Mr. Cesar Rodriguez
Sarasota County
1301 Cattleman Road
Resource Management
Bldg. E
Sarasota, FL 34232

RE: Central County Wells 10/15 MW

Order No.: F08100772

Dear Mr. Cesar Rodriguez:

PAS, Inc. received 5 samples on 10/17/2008 12:35:00 PM for the analyses presented in the following report.
Analyses are performed with method-required calibration and QA/QC samples, whenever applicable. Method performance, which is based on the calibration and QA/QC data, establishes the validity and certainty of the reported sample results. These data are provided along with the sample results.

Thank you for this opportunity to let Pace Analytical Services, Inc. (Florida) be of service to you. If you have any questions regarding this report, please feel free to call me at (386) 672-5668, extension 304.

Sincerely,

Project Manager
PAS, Inc.
P.O. Box 468
Ormond Beach, FL 32175-0468

THIS DOCUMENT MEETS NELAC
STANDARDS NELAC Certification #E83079

The following acronyms may be utilized within this report:

%REC	Percent Recovery
A	Absent
ABLK	Analytical Method Blank
CG	Confluent Growth
CGB	Confluent Growth Without Coliforms
CGC	Confluent Growth With Coliforms
DUP	Sample Duplicate
LCS	Laboratory Control Spike (may also be appended with an abbreviation indicating spiking level)
MBLK	Preparation Method Blank
MDL	Laboratory Method Detection Limit
MS	Matrix Spike (may also be appended with an abbreviation indicating spiking level)
MSD	Matrix Spike Duplicate (may also be appended with an abbreviation indicating spiking level)
P	Present
PQL	Practical Quantitation Limit
QCS	Alternate source Calibration Verification Standard (may also be reported as analytical LCS in some
RL	Reporting Limit
RPD	Relative Percent Difference
SPK	Spike
TIC	Tentatively Identified Compound
TNTC	Too Numerous To Count

The following notes may apply to analytical results within this report:

Residue (solids) analysis may employ a single, heated drying process of at least 12 hours duration in lieu of employing short, repeated drying cycles, which represents a deviation from the methodology.

Because the EPA-recommended holding time for pH, residual chlorine, chloramines and chlorine dioxide is 15 minutes from time of collection, these analyses are routinely performed outside of their EPA-recommended holding time when performed in the laboratory.

Analytical results for ammonia analysis, or calculated analytical results depending on ammonia analysis, do not include a sample distillation procedure. A study comparing distilled versus non-distilled analytical results has been performed to document the validity of the analysis without prior distillation, and represents equivalent results for the represented project matrices.

Since N-nitrosodiphenylamine decomposes in the GC inlet and cannot be chromatographically resolved from diphenylamine, these compounds are reported as a single analyte in the report.

Since m-cresol and p-cresol cannot be chromatographically resolved, these compounds are reported as a single analyte in the report.

The following certifications may apply to analytical results within this report:

Alabama	DEM	41320
Arizona	DHS	AZ0640
Colorado	DPHE	FL NELAC Reciprocity
Connecticut	DPH	PH-0216
Florida	DOH	E83079
Georgia	DNR	955
Kentucky	DEP	90050
Maine	LCP	2006032
Massachusetts	DEP	M-FL020
Michigan	DEQ	9911
Mississippi	DOH	FL NELAC Reciprocity
Nevada	EP	ELAB FL-00020
New Hampshire	DES	295805
New Jersey	DEP	FL765
New York	DOH	11608
Pennsylvania	DEP	68-00547
Puerto Rico	DOH	FL 00020
South Carolina	DHEC	96027001
Tennessee	DOH	02974
Texas	CEQ	T104704184-05-TX

PAS, Inc. 8 East Tower Cr., Ormond Beach, FL 32174-87

Case Narrative

CLIENT: Sarasota County
Project: Central County Wells 10/15 MW
Lab Order: F08100772

I. SAMPLE RECEIVING ACTIVITY

The samples were received and processed by the Sample Custody section of the laboratory. There were no significant logistics or quality problems unless noted below. Analysis performed by Benchmark, E84167, are identified on the COC and included in the report. The fraction for nutrients was at a pH >2 upon arrival. Adjustments were not made prior to preparation and analysis. Analysis requested for sample MW8A altered by client after arrival.

II. DATA

The samples were analyzed according to the laboratory's Standard Operating Procedures for the methodologies requested. There were no significant logistics or quality problems unless noted below or in the text of the report. The data were reported in a Parameter Monitoring Report format for Groundwater consistent with FAC 62-520.400,.420, .460.

III. QUALITY CONTROL

There were no significant quality control problems unless noted below or in the text of the report. The MS/MSD data outside accepted recovery limits were due to sample matrix effects of the selected batch QC sample, however, the associated LCS data were within guidance criteria for the method.

PAS, Inc. 8 East Tower Cr., Ormond Beach, FL 32174-87 Date: *04-Nov-08*

Analytical Report

CLIENT:	Sarasota County	**Client Sample ID:**	Trip Blank
Lab Order:	F08100772	**Collection Date:**	10/15/2008
Project:	Central County Wells 10/15 MW	**Sample Description:**	Field Blank
Lab ID:	F08100772-005	**Matrix:**	Groundwater

Analyses	Result	Qual	MDL	PQL	Units	DF	Date Analyzed	Batch ID
8260: VOLATILE ORGANIC COMPOUNDS		SW8260	PrepDate:	10/20/2008 8:00:00			Analyst: ALA	
Acetone	5.0	U	5.0	10	µg/L	1	10/20/08 21:27	56608
Acrylonitrile	5.0	U	5.0	10	µg/L	1	10/20/08 21:27	56608
Benzene	0.50	U	0.50	1.0	µg/L	1	10/20/08 21:27	56608
Bromochloromethane	0.50	U	0.50	1.0	µg/L	1	10/20/08 21:27	56608
Bromodichloromethane	0.30	U	0.30	0.60	µg/L	1	10/20/08 21:27	56608
Bromoform	0.50	U	0.50	1.0	µg/L	1	10/20/08 21:27	56608
Bromomethane	0.50	U	0.50	1.0	µg/L	1	10/20/08 21:27	56608
2-Butanone	5.0	U	5.0	10	µg/L	1	10/20/08 21:27	56608
Carbon disulfide	0.50	U	0.50	1.0	µg/L	1	10/20/08 21:27	56608
Carbon tetrachloride	0.50	U	0.50	1.0	µg/L	1	10/20/08 21:27	56608
Chlorobenzene	0.50	U	0.50	1.0	µg/L	1	10/20/08 21:27	56608
Chloroethane	0.61	U	0.61	1.0	µg/L	1	10/20/08 21:27	56608
Chloroform	0.50	U	0.50	1.0	µg/L	1	10/20/08 21:27	56608
Chloromethane	0.50	U	0.50	1.0	µg/L	1	10/20/08 21:27	56608
Dibromochloromethane	0.25	U	0.25	0.50	µg/L	1	10/20/08 21:27	56608
Dibromomethane	0.50	U	0.50	1.0	µg/L	1	10/20/08 21:27	56608
trans-1,4-Dichloro-2-butene	5.0	U	5.0	10	µg/L	1	10/20/08 21:27	56608
1,2-Dichlorobenzene	0.51	U	0.51	1.0	µg/L	1	10/20/08 21:27	56608
1,4-Dichlorobenzene	0.50	U	0.50	1.0	µg/L	1	10/20/08 21:27	56608
1,1-Dichloroethane	0.50	U	0.50	1.0	µg/L	1	10/20/08 21:27	56608
1,2-Dichloroethane	0.50	U	0.50	1.0	µg/L	1	10/20/08 21:27	56608
1,1-Dichloroethene	0.50	U	0.50	1.0	µg/L	1	10/20/08 21:27	56608
cis-1,2-Dichloroethene	0.50	U	0.50	1.0	µg/L	1	10/20/08 21:27	56608
trans-1,2-Dichloroethene	0.52	U	0.52	1.0	µg/L	1	10/20/08 21:27	56608
1,2-Dichloropropane	0.50	U	0.50	1.0	µg/L	1	10/20/08 21:27	56608
cis-1,3-Dichloropropene	0.25	U	0.25	0.50	µg/L	1	10/20/08 21:27	56608
trans-1,3-Dichloropropene	0.25	U	0.25	0.50	µg/L	1	10/20/08 21:27	56608
Ethylbenzene	0.50	U	0.50	1.0	µg/L	1	10/20/08 21:27	56608
2-Hexanone	5.0	U	5.0	10	µg/L	1	10/20/08 21:27	56608
Iodomethane	0.50	U	0.50	1.0	µg/L	1	10/20/08 21:27	56608
4-Methyl-2-pentanone	5.0	U	5.0	10	µg/L	1	10/20/08 21:27	56608
Methylene chloride	2.5	U	2.5	5.0	µg/L	1	10/20/08 21:27	56608
Styrene	0.50	U	0.50	1.0	µg/L	1	10/20/08 21:27	56608
1,1,1,2-Tetrachloroethane	0.50	U	0.50	1.0	µg/L	1	10/20/08 21:27	56608
1,1,2,2-Tetrachloroethane	0.17	U	0.17	0.50	µg/L	1	10/20/08 21:27	56608
Tetrachloroethene	0.50	U	0.50	1.0	µg/L	1	10/20/08 21:27	56608

Data Qualifier Code Key:
I Analyte detected below quantitation limits
x Value exceeds Maximum Contaminant Level
U Not Detected Above the MDL

Analytical Report

CLIENT:	Sarasota County	**Client Sample ID:**	Trip Blank
Lab Order:	F08100772	**Collection Date:**	10/15/2008
Project:	Central County Wells 10/15 MW	**Sample Description:**	Field Blank
Lab ID:	F08100772-005	**Matrix:**	Groundwater

Analyses	Result	Qual	MDL	PQL	Units	DF	Date Analyzed	Batch ID
8260: VOLATILE ORGANIC COMPOUNDS		**SW8260**	PrepDate:	**10/20/2008 8:00:00**			Analyst: **ALA**	
Toluene	1.4		0.50	1.0	µg/L	1	10/20/08 21:27	56608
1,1,1-Trichloroethane	0.50	U	0.50	1.0	µg/L	1	10/20/08 21:27	56608
1,1,2-Trichloroethane	0.50	U	0.50	1.0	µg/L	1	10/20/08 21:27	56608
Trichloroethene	0.50	U	0.50	1.0	µg/L	1	10/20/08 21:27	56608
Trichlorofluoromethane	0.66	U	0.66	1.0	µg/L	1	10/20/08 21:27	56608
1,2,3-Trichloropropane	0.30	U	0.30	0.50	µg/L	1	10/20/08 21:27	56608
Vinyl acetate	1.0	U	1.0	2.0	µg/L	1	10/20/08 21:27	56608
Vinyl chloride	0.53	U	0.53	1.0	µg/L	1	10/20/08 21:27	56608
Xylenes, Total	1.0	U	1.0	3.0	µg/L	1	10/20/08 21:27	56608
Surr: 4-Bromofluorobenzene	89.4		0	70-114	%REC	1	10/20/08 21:27	56608
Surr: Dibromofluoromethane	94.4		0	88-117	%REC	1	10/20/08 21:27	56608
Surr: 1,2-Dichloroethane-d4	101		0	86-125	%REC	1	10/20/08 21:27	56608
Surr: Toluene-d8	97.6		0	87-113	%REC	1	10/20/08 21:27	56608

Data Qualifier Code Key:

I	Analyte detected below quantitation limits	U	Not Detected Above the MDL
x	Value exceeds Maximum Contaminant Level		

CLIENT: Sarasota County
Work Order: F08100772
Project: Central County Wells 10/15 MW

ANALYTICAL QC SUMMARY REPORT

TestCode: 8011_W

Sample ID MB-56692 SampType: MBLK TestCode: 8011_W Units: µg/L Prep Date: 10/24/2008 RunNo: 72968
Client ID: MB-56692 Batch ID: 56692 TestNo: SW8011 SW8011 Analysis Date: 10/25/2008 SeqNo: 2187115

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
1,2-Dibromo-3-chloropropane	0.0049	U	0.0049								
Ethylene Dibromide	0.0062	U	0.0062								

Sample ID LCS-56692 SampType: LCS TestCode: 8011_W Units: µg/L Prep Date: 10/24/2008 RunNo: 72968
Client ID: LCS-56692 Batch ID: 56692 TestNo: SW8011 SW8011 Analysis Date: 10/25/2008 SeqNo: 2187116

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
1,2-Dibromo-3-chloropropane	0.23		0.0049	0.25	0	90.4	60	140			
Ethylene Dibromide	0.21		0.0062	0.25	0	85.6	60	140			

Sample ID LCSD-56692 SampType: LCSD TestCode: 8011_W Units: µg/L Prep Date: 10/24/2008 RunNo: 72968
Client ID: LCSD-56692 Batch ID: 56692 TestNo: SW8011 SW8011 Analysis Date: 10/25/2008 SeqNo: 2187117

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
1,2-Dibromo-3-chloropropane	0.23		0.0049	0.25	0	93.6	60	140	0.23	3.48	40
Ethylene Dibromide	0.22		0.0062	0.25	0	90.0	60	140	0.21	5.01	40

Sample ID F08100934-003BMS SampType: MS TestCode: 8011_W Units: µg/L Prep Date: 10/24/2008 RunNo: 72968
Batch ID: 56692 TestNo: SW8011 SW8011 Analysis Date: 10/25/2008 SeqNo: 2187143

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
1,2-Dibromo-3-chloropropane	0.48		0.0085	0.44	0	109	60	140			
Ethylene Dibromide	0.49		0.011	0.44	0	112	60	140			

Data Qualifier Code Key:
J Analyte detected below quantitation limits
U Not Detected Above the MDL
S Spike Recovery outside accepted recovery limits

PAS, Inc. Date: 04-Nov-08

CLIENT: Sarasota County
Work Order: F08100772
Project: Central County Wells 10/15 MW

ANALYTICAL QC SUMMARY REPORT

TestCode: 8011_W

Sample ID **F08100934-003BMSD** SampType: **MSD** TestCode: **8011_W** Units: **µg/L** Prep Date: **10/24/2008** RunNo: **72968**
Batch ID: **56692** TestNo: **SW8011** **SW8011** Analysis Date: **10/25/2008** SeqNo: **2187144**

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
1,2-Dibromo-3-chloropropane	0.49		0.0086	0.44	0	111	60	140	0.48	2.31	40
Ethylene Dibromide	0.49		0.011	0.44	0	111	60	140	0.49	0.218	40

Data Qualifier Code Key:
I Analyte detected below quantitation limits
U Not Detected Above the MDL
S Spike Recovery outside accepted recovery limits

PAS, Inc.

Date: 04-Nov-08

CLIENT: Sarasota County
Work Order: F08100772
Project: Central County Wells 10/15 MW

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_W

Sample ID MB-56608	SampType: MBLK	TestCode: 8260_W	Units: µg/L	Prep Date: 10/20/2008	RunNo: 72778
Client ID: MB-56608	Batch ID: 56608	TestNo: SW8260	SW5030A	Analysis Date: 10/20/2008	SeqNo: 2179108

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Acetone	5.0	U	5.0								
Acrylonitrile	5.0	U	5.0								
Benzene	0.50	U	0.50								
Bromochloromethane	0.50	U	0.50								
Bromodichloromethane	0.30	U	0.30								
Bromoform	0.50	U	0.50								
Bromomethane	0.50	U	0.50								
2-Butanone	5.0	U	5.0								
Carbon disulfide	0.50	U	0.50								
Carbon tetrachloride	0.50	U	0.50								
Chlorobenzene	0.50	U	0.50								
Chloroethane	0.61	U	0.61								
Chloroform	0.50	U	0.50								
Chloromethane	0.50	U	0.50								
Dibromochloromethane	0.25	U	0.25								
Dibromomethane	0.50	U	0.50								
trans-1,4-Dichloro-2-butene	5.0	U	5.0								
1,2-Dichlorobenzene	0.51	U	0.51								
1,4-Dichlorobenzene	0.50	U	0.50								
1,1-Dichloroethane	0.50	U	0.50								
1,2-Dichloroethane	0.50	U	0.50								
1,1-Dichloroethene	0.50	U	0.50								
cis-1,2-Dichloroethene	0.50	U	0.50								
trans-1,2-Dichloroethene	0.52	U	0.52								
1,2-Dichloropropane	0.50	U	0.50								
cis-1,3-Dichloropropene	0.25	U	0.25								
trans-1,3-Dichloropropene	0.25	U	0.25								

Data Qualifier Code Key:
I Analyte detected below quantitation limits
U Not Detected Above the MDL
S Spike Recovery outside accepted recovery limits

PAS, Inc. Date: 04-Nov-08

CLIENT: Sarasota County
Work Order: F08100772
Project: Central County Wells 10/15 MW

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_W

Sample ID MB-56608 SampType: MBLK TestCode: 8260_W Units: µg/L Prep Date: 10/20/2008 RunNo: 72778
Client ID: MB-56608 Batch ID: 56608 TestNo: SW8260 SW5030A Analysis Date: 10/20/2008 SeqNo: 2179108

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Ethylbenzene	0.50	U	0.50								
2-Hexanone	5.0	U	5.0								
Iodomethane	0.50	U	0.50								
4-Methyl-2-pentanone	5.0	U	5.0								
Methylene chloride	2.5	U	2.5								
Styrene	0.50	U	0.50								
1,1,1,2-Tetrachloroethane	0.50	U	0.50								
1,1,2,2-Tetrachloroethane	0.17	U	0.17								
Tetrachloroethene	0.50	U	0.50								
Toluene	0.50	U	0.50								
1,1,1-Trichloroethane	0.50	U	0.50								
1,1,2-Trichloroethane	0.50	U	0.50								
Trichloroethene	0.50	U	0.50								
Trichlorofluoromethane	0.66	U	0.66								
1,2,3-Trichloropropane	0.30	U	0.30								
Vinyl acetate	1.0	U	1.0								
Vinyl chloride	0.53	U	0.53								
Xylenes, Total	1.0	U	1.0								
Surr: 4-Bromofluorobenzene	36		0	40	0	90.5	70	114			
Surr: Dibromofluoromethane	38		0	40	0	95.3	88	117			
Surr: 1,2-Dichloroethane-d4	40		0	40	0	100	86	125			
Surr: Toluene-d8	38		0	40	0	95.2	87	113			

Sample ID LCS-56608 SampType: LCS TestCode: 8260_W Units: µg/L Prep Date: 10/20/2008 RunNo: 72778
Client ID: LCS-56608 Batch ID: 56608 TestNo: SW8260 SW5030A Analysis Date: 10/20/2008 SeqNo: 2179110

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit

Data Qualifier Code Key: I Analyte detected below quantitation limits; S Spike Recovery outside accepted recovery limits; U - Not Detected Above the MDL

PAS, Inc. Date: 04-Nov-08

CLIENT: Sarasota County
Work Order: F08100772
Project: Central County Wells 10/15 MW

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_W

Sample ID LCS-56608 SampType: LCS TestCode: 8260_W Units: µg/L Prep Date: 10/20/2008 RunNo: 72778
Client ID: LCS-56608 Batch ID: 56608 TestNo: SW8260 SW5030A Analysis Date: 10/20/2008 SeqNo: 2179110

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Chloroform	17		0.50	20	0	84.8	61	146			
1,1-Dichloroethene	17		0.50	20	0	85.2	68	150			
1,2-Dichloropropane	17		0.50	20	0	84.9	71	140			
Ethylbenzene	20		0.50	20	0	99.8	79	140			
Toluene	17		0.50	20	0	86.2	69	140			
Vinyl chloride	18		0.53	20	0	88.6	62	140			
Surr: 4-Bromofluorobenzene	39		0	40	0	97.6	70	114			
Surr: Dibromofluoromethane	39		0	40	0	97.2	88	117			
Surr: 1,2-Dichloroethane-d4	40		0	40	0	101	86	125			
Surr: Toluene-d8	38		0	40	0	95.4	87	113			

Sample ID F08100779-005GMS SampType: MS TestCode: 8260_W Units: µg/L Prep Date: 10/20/2008 RunNo: 72778
Batch ID: 56608 TestNo SW8260 SW5030A Analysis Date: 10/20/2008 SeqNo: 2179128

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Chloroform	19		0.50	20	0	94.4	61	146			
1,1-Dichloroethene	18		0.50	20	0	88.5	68	150			
1,2-Dichloropropane	18		0.50	20	0	92.4	71	140			
Ethylbenzene	22		0.50	20	0	110	79	140			
Toluene	20		0.50	20	0.51	99.9	69	140			
Vinyl chloride	20		0.53	20	0	97.6	62	140			
Surr: 4-Bromofluorobenzene	39		0	40	0	97.2	70	114			
Surr: Dibromofluoromethane	38		0	40	0	95.5	88	117			
Surr: 1,2-Dichloroethane-d4	40		0	40	0	98.8	86	125			
Surr: Toluene-d8	38		0	40	0	96.1	87	113			

Data Qualifier Code Key:
J Analyte detected below quantitation limits
U Not Detected Above the MDL
S Spike Recovery outside accepted recovery limits

PAS, Inc.

Date: 04-Nov-08

CLIENT: Sarasota County
Work Order: F08100772
Project: Central County Wells 10/15 MW

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_W

Sample ID F08100779-005GMSD SampType: MSD TestCode: 8260_W Units: µg/L Prep Date: 10/20/2008 RunNo: 72778
Batch ID: 56608 TestNo: SW8260 SW5030A Analysis Date: 10/20/2008 SeqNo: 2179129

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Chloroform	17		0.50	20	0	87.4	61	146	19	7.64	40
1,1-Dichloroethene	18		0.50	20	0	87.6	68	150	18	1.02	40
1,2-Dichloropropane	17		0.50	20	0	85.1	71	140	18	8.23	40
Ethylbenzene	20		0.50	20	0	99.0	79	140	22	10.8	40
Toluene	18		0.50	20	0 51	89.6	69	140	20	10.6	40
Vinyl chloride	18		0.53	20	0	90.4	62	140	20	7.77	40
Surr: 4-Bromofluorobenzene	40		0	40	0	98.8	70	114	39	0	0
Surr: Dibromofluoromethane	38		0	40	0	95.0	88	117	38	0	0
Surr: 1,2-Dichloroethane-d4	40		0	40	0	101	86	125	40	0	0
Surr: Toluene-d8	38		0	40	0	95.4	87	113	38	0	0

Data Qualifier Code Key:
J Analyte detected below quantitation limits
U Not Detected Above the MDL
S Spike Recovery outside accepted recovery limits

PAS, Inc. Date: 04-Nov-08

CLIENT: Sarasota County
Work Order: F08100772
Project: Central County Wells 10/15 MW

ANALYTICAL QC SUMMARY REPORT

TestCode: AA-HG7470_W

Sample ID: MB-56533 SampType: MBLK TestCode: AA-HG7470_ Units: µg/L Prep Date: 10/20/2008 RunNo: 72822
Client ID: MB-56533 Batch ID: 56533 TestNo: SW7470 SW7470 Analysis Date: 10/23/2008 SeqNo: 2184070

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Mercury	0.020	U	0.020								

Sample ID: LCS-56533 SampType: LCS TestCode: AA-HG7470_ Units: µg/L Prep Date: 10/20/2008 RunNo: 72822
Client ID: LCS-56533 Batch ID: 56533 TestNo: SW7470 SW7470 Analysis Date: 10/23/2008 SeqNo: 2184071

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Mercury	2.0		0.020	2.0	0	98.9	80	120			

Sample ID: F08100698-004CMS SampType: MS TestCode: AA-HG7470_ Units: µg/L Prep Date: 10/20/2008 RunNo: 72822
Batch ID: 56533 TestNo: SW7470 SW7470 Analysis Date: 10/23/2008 SeqNo: 2184081

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Mercury	2.0		0.020	2.0	0	98.3	85	115			

Sample ID: F08100807-005BMS SampType: MS TestCode: AA-HG7470_ Units: µg/L Prep Date: 10/20/2008 RunNo: 72822
Batch ID: 56533 TestNo: SW7470 SW7470 Analysis Date: 10/23/2008 SeqNo: 2184095

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Mercury	2.0		0.020	2.0	0	102	85	115			

Sample ID: F08100698-004CMSD SampType: MSD TestCode: AA-HG7470_ Units: µg/L Prep Date: 10/20/2008 RunNo: 72822
Batch ID: 56533 TestNo: SW7470 SW7470 Analysis Date: 10/23/2008 SeqNo: 2184082

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Mercury	1.9		0.020	2.0	0	95.1	85	115	2.0	3.38	20

Data Qualifier Code Key:
I Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits
U Not Detected Above the MDL

PAS, Inc. Date: 04-Nov-08

CLIENT: Sarasota County
Work Order: F08100772
Project: Central County Wells 10/15 MW

ANALYTICAL QC SUMMARY REPORT

TestCode: AA-HG7470_W

Sample ID F08100807-005BMSD SampType: MSD TestCode: AA-HG7470_ Units: µg/L Prep Date: 10/20/2008 RunNo: 72822
Batch ID: 56533 TestNo. SW7470 SW7470 Analysis Date: 10/23/2008 SeqNo: 2184096

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Mercury	2.1		0.020	2.0	0	103	85	115	2.0	0.429	20

Data Qualifier Code Key:				
	I	Analyte detected below quantitation limits	S	Spike Recovery outside accepted recovery limits
	U	Not Detected Above the MDL		

CLIENT: Sarasota County
Work Order: F08100772
Project: Central County Wells 10/15 MW

ANALYTICAL QC SUMMARY REPORT

TestCode: ALKALINITY

Sample ID qcs | SampType: QCS | TestCode: ALKALINITY | Units: mg/L | Prep Date: | RunNo: 72964
Client ID: qcs | Batch ID: R72964 | TestNo: SM2320 B | Analysis Date: 10/27/2008 | SeqNo: 2188694

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Alkalinity, Total (As CaCO3)	250		5.0	250	0	100	90	110			

Sample ID MB-R72964 | SampType: MBLK | TestCode: ALKALINITY | Units: mg/L | Prep Date: | RunNo: 72964
Client ID MB-R72964 | Batch ID: R72964 | TestNo: SM2320 B | Analysis Date: 10/27/2008 | SeqNo. 2188693

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Alkalinity, Bicarbonate (As CaCO3)	5.0	U	5.0								
Alkalinity, Carbonate (As CaCO3)	5.0	U	5.0								
Alkalinity, Total (As CaCO3)	5.0	U	5.0								

Sample ID F08100772-001EMS | SampType: MS | TestCode: ALKALINITY | Units: mg/L | Prep Date: | RunNo: 72964
Client ID 101508 CLMW1R M | Batch ID: R72964 | TestNo: SM2320 B | Analysis Date: 10/27/2008 | SeqNo: 2186610

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Alkalinity, Total (As CaCO3)	360		5.0	100	250	103	90	110			

Sample ID F08100772-001EDUP | SampType: DUP | TestCode: ALKALINITY | Units: mg/L | Prep Date: | RunNo: 72964
Client ID: 101508 CLMW1R D | Batch ID: R72964 | TestNo: SM2320 B | Analysis Date: 10/27/2008 | SeqNo: 2186609

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Alkalinity, Bicarbonate (As CaCO3)	250		5.0						5.0 U	2.75	20
Alkalinity, Carbonate (As CaCO3)	5.0	U	5.0						5.0 U	0	20
Alkalinity, Total (As CaCO3)	250		5.0						5.0 U	2.75	20

Data Qualifier Code Key:
I Analyte detected below quantitation limits
U Not Detected Above the MDL
S Spike Recovery outside accepted recovery limits

PAS, Inc. Date: 04-Nov-08

CLIENT: Sarasota County
Work Order: F08100772
Project: Central County Wells 10/15 MW

ANALYTICAL QC SUMMARY REPORT

TestCode: IC300_W

Sample ID: MB | SampType: MBLK | TestCode: IC300_W | Units: mg/L | Prep Date: | RunNo: 72907
Client ID: MB | Batch ID: R72907B | TestNo: E300.0 | Analysis Date: 10/23/2008 | SeqNo: 2184547

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Chloride	0.021	U	0.021								
Sulfate	0.055	U	0.055								

Sample ID: LCS | SampType: LCS | TestCode: IC300_W | Units: mg/L | Prep Date: | RunNo: 72907
Client ID: LCS | Batch ID: R72907B | TestNo: E300.0 | Analysis Date: 10/23/2008 | SeqNo: 2184548

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Chloride	5.1		0.021	5.0	0	103	90	110			
Sulfate	5.1		0.055	5.0	0	102	90	110			

Sample ID: F08101027-001EMS | SampType: MS | TestCode: IC300_W | Units: mg/L | Prep Date: | RunNo: 72907
Batch ID: R72907B | TestNo: E300.0 | Analysis Date: 10/23/2008 | SeqNo: 2184550

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Chloride	13		0.021	10	3.8	90.2	90	110			
Sulfate	11	S	0.055	10	2.6	89.4	90	110			

Sample ID: F08100936-001AMS | SampType: MS | TestCode: IC300_W | Units: mg/L | Prep Date: | RunNo: 72907
Batch ID: R72907B | TestNo: E300.0 | Analysis Date: 10/23/2008 | SeqNo: 2184567

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Chloride	27		0.021	10	17	97.6	90	110			
Sulfate	44		0.055	10	34	92.3	90	110			

Data Qualifier Code Key:
I Analyte detected below quantitation limits
U Not Detected Above the MDL
S Spike Recovery outside accepted recovery limits

PAS, Inc. Date: 04-Nov-08

CLIENT: Sarasota County
Work Order: F08100772
Project: Central County Wells 10/15 MW

ANALYTICAL QC SUMMARY REPORT

TestCode: IC300_W

Sample ID F08101027-001EMSD SampType: MSD TestCode: IC300_W Units: mg/L Prep Date RunNo: 72907
Batch ID: R72907B TestNo: E300.0 Analysis Date: 10/23/2008 SeqNo: 2184551

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Chloride	13		0.021	10	3.8	92.3	90	110	13	1.62	20
Sulfate	12		0.055	10	2.6	90.8	90	110	11	1.23	20

Sample ID F08100936-001AMSD SampType: MSD TestCode: IC300_W Units: mg/L Prep Date RunNo: 72907
Batch ID: R72907B TestNo: E300.0 Analysis Date: 10/23/2008 SeqNo: 2184568

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Chloride	27		0.021	10	17	99.2	90	110	27	0.592	20
Sulfate	44		0.055	10	34	93.0	90	110	44	0.169	20

Data Qualifier Code Key:
J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits
U Not Detected Above the MDL

PAS, Inc. Date: 04-Nov-08

CLIENT: Sarasota County
Work Order: F08100772
Project: Central County Wells 10/15 MW

ANALYTICAL QC SUMMARY REPORT

TestCode: ICP-6010_W

Sample ID: MB-56565 | SampType: MBLK | TestCode: ICP-6010_W | Units: µg/L | Prep Date: 10/20/2008 | RunNo: 72726
Client ID: MB-56565 | Batch ID: 56565 | TestNo: SW6010 SW3005A | Analysis Date: 10/20/2008 | SeqNo: 2180971

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Arsenic	5.0	U	5.0								
Barium	5.0	U	5.0								
Beryllium	0.50	U	0.50								
Cadmium	0.50	U	0.50								
Calcium	250	U	250								
Chromium	2.5	U	2.5								
Cobalt	5.0	U	5.0								
Copper	2.5	U	2.5								
Iron	20	U	20								
Lead	5.0	U	5.0								
Magnesium	250	U	250								
Nickel	2.5	U	2.5								
Potassium	250	U	250								
Selenium	7.5	U	7.5								
Silver	2.5	U	2.5								
Sodium	500	U	500								
Vanadium	5.0	U	5.0								
Zinc	10	U	10								

Sample ID: LCS-56565 | SampType: LCS | TestCode: ICP-6010_W | Units: µg/L | Prep Date: 10/20/2008 | RunNo: 72726
Client ID: LCS-56565 | Batch ID: 56565 | TestNo: SW6010 SW3005A | Analysis Date: 10/20/2008 | SeqNo: 2180972

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Arsenic	270		5.0	250	0	109	80	120			
Barium	280		5.0	250	0	110	80	120			
Beryllium	26		0.50	25	0	105	80	120			
Cadmium	28		0.50	25	0	111	80	120			

Data Qualifier Code Key:
J Analyte detected below quantitation limits
U Not Detected Above the MDL
S Spike Recovery outside accepted recovery limits

PAS, Inc. **Date:** 04-Nov-08

CLIENT: Sarasota County
Work Order: F08100772
Project: Central County Wells 10/15 MW

ANALYTICAL QC SUMMARY REPORT

TestCode: ICP-6010_W

Sample ID LCS-56565 SampType: LCS TestCode: ICP-6010_W Units: µg/L Prep Date: 10/20/2008 RunNo: 72726
Client ID: LCS-56565 Batch ID: 56565 TestNo: SW6010 SW3005A Analysis Date: 10/20/2008 SeqNo: 2180972

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Calcium	13000		250	12000	0	107	80	120			
Chromium	280		2.5	250	0	112	80	120			
Cobalt	270		5.0	250	0	110	80	120			
Copper	270		2.5	250	0	109	80	120			
Iron	2700		20	2500	0	109	80	120			
Lead	270		5.0	250	0	108	80	120			
Magnesium	13000		250	12000	0	106	80	120			
Nickel	270		2.5	250	0	109	80	120			
Potassium	13000		250	12000	0	102	80	120			
Selenium	270		7.5	250	0	108	80	120			
Silver	29		2.5	25	0	114	80	120			
Sodium	14000		500	12000	0	109	80	120			
Vanadium	270		5.0	250	0	109	80	120			
Zinc	1300		10	1200	0	106	80	120			

Sample ID F08100772-004CMS SampType: MS TestCode: ICP-6010_W Units: µg/L Prep Date 10/20/2008 RunNo: 72726
Client ID: 101508 CW8A MS Batch ID: 56565 TestNo: SW6010 SW3005A Analysis Date: 10/20/2008 SeqNo: 2180999

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Arsenic	320		5.0	250	42	111	75	125			
Barium	340		5.0	250	61	110	75	125			
Beryllium	26		0.50	25	0	102	75	125			
Cadmium	28		0.50	25	0.89	110	75	125			
Calcium	76000		250	12000	61000	121	75	125			
Chromium	280		2.5	250	4.6	111	75	125			
Cobalt	270		5.0	250	0	109	75	125			
Copper	280		2.5	250	0	113	75	125			

Data Qualifier Code Key:
J Analyte detected below quantitation limits
U Not Detected Above the MDL
S Spike Recovery outside accepted recovery limits

PAS, Inc. Date: 04-Nov-08

CLIENT: Sarasota County
Work Order: F08100772
Project: Central County Wells 10/15 MW

ANALYTICAL QC SUMMARY REPORT

TestCode: ICP-6010_W

Sample ID F08100772-004CMS SampType: MS TestCode: ICP-6010_W Units: µg/L Prep Date: 10/20/2008 RunNo: 72726
Client ID 101508 CW8A MS Batch ID: 56565 TestNo: SW6010 SW3005A Analysis Date: 10/20/2008 SeqNo: 2180999

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Iron	63000	S	20	2500	59000	128	75	125			
Lead	270		5.0	250	0	109	75	125			
Magnesium	37000		250	12000	23000	112	75	125			
Nickel	270		2.5	250	0	108	75	125			
Potassium	20000		250	12000	6100	110	75	125			
Selenium	270		7.5	250	0	108	75	125			
Silver	29		2.5	25	0	118	75	125			
Sodium	53000		500	12000	39000	114	75	125			
Vanadium	280		5.0	250	8.9	110	75	125			
Zinc	1300		10	1200	0	106	75	125			

Sample ID F08100772-004CMSD SampType: MSD TestCode: ICP-6010_W Units: µg/L Prep Date: 10/20/2008 RunNo: 72726
Client ID 101508 CW8A MSD Batch ID: 56565 TestNo SW6010 SW3005A Analysis Date: 10/20/2008 SeqNo: 2181000

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Arsenic	320		5.0	250	42	110	75	125	5.0 U	0.314	20
Barium	330		5.0	250	61	109	75	125	5.0 U	0.299	20
Beryllium	26		0.50	25	0	102	75	125	26	0.391	20
Cadmium	28		0.50	25	0.89	109	75	125	28	0.354	20
Calcium	75000		250	12000	61000	116	75	125	76000	0.794	20
Chromium	280		2.5	250	4.6	110	75	125	280	1.07	20
Cobalt	270		5.0	250	0	108	75	125	5.0 U	0.735	20
Copper	280		2.5	250	0	112	75	125	280	0.712	20
Iron	62000		20	2500	59000	112	75	125	63000	0.641	20
Lead	270		5.0	250	0	107	75	125	5.0 U	1.48	20
Magnesium	36000		250	12000	23000	110	75	125	37000	0.823	20
Nickel	270		2.5	250	0	108	75	125	270	0.371	20

Data Qualifier Code Key:
J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits
U Not Detected Above the MDL

PAS, Inc. Date: 04-Nov-08

CLIENT: Sarasota County
Work Order: F08100772
Project: Central County Wells 10/15 MW

ANALYTICAL QC SUMMARY REPORT

TestCode: ICP-6010_W

Sample ID F08100772-004CMSD SampType: MSD TestCode: ICP-6010_W Units: µg/L Prep Date 10/20/2008 RunNo: 72726
Client ID: 101508 CW8A MSD Batch ID: 56565 TestNo. SW6010 SW3005A Analysis Date: 10/20/2008 SeqNo: 2181000

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Potassium	20000		250	12000	6100	110	75	125	250 U	0	20
Selenium	260		7.5	250	0	103	75	125	7.5 U	4.55	20
Silver	29		2.5	25	0	115	75	125	29	2.06	20
Sodium	53000		500	12000	39000	114	75	125	53000	0.189	20
Vanadium	280		5.0	250	8.9	109	75	125	5.0 U	0.709	20
Zinc	1300		10	1200	0	105	75	125	1300	0.760	20

Data Qualifier Code Key:
J Analyte detected below quantitation limits
U Not Detected Above the MDL
S Spike Recovery outside accepted recovery limits

PAS, Inc. Date: 04-Nov-08

CLIENT: Sarasota County
Work Order: F08100772
Project: Central County Wells 10/15 MW

ANALYTICAL QC SUMMARY REPORT

TestCode: ICP-6020_W

Sample ID MB-56565 SampType: MBLK TestCode: ICP-6020_W Units: µg/L Prep Date: 10/20/2008 RunNo: 72777
Client ID: MB-56565 Batch ID: 56565 TestNo: SW6020 SW3005A Analysis Date: 10/21/2008 SeqNo: 2179945

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Antimony	0.50	U	0.50								
Thallium	0.50	U	0.50								

Sample ID LCS-56565 SampType: LCS TestCode: ICP-6020_W Units: µg/L Prep Date: 10/20/2008 RunNo: 72777
Client ID: LCS-56565 Batch ID: 56565 TestNo: SW6020 SW3005A Analysis Date: 10/21/2008 SeqNo: 2179946

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Antimony	51		0.50	50	0	102	85	115			
Thallium	51		0.50	50	0	103	85	115			

Sample ID F08100772-003CMS SampType: MS TestCode: ICP-6020_W Units: µg/L Prep Date: 10/20/2008 RunNo: 72777
Client ID: 101508 CLMW9 MS Batch ID: 56565 TestNo: SW6020 SW3005A Analysis Date: 10/21/2008 SeqNo: 2179953

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Antimony	52		0.50	50	0	104	85	115			
Thallium	52		0.50	50	0	105	85	115			

Sample ID F08100772-003CMSD SampType: MSD TestCode: ICP-6020_W Units: µg/L Prep Date: 10/20/2008 RunNo: 72777
Client ID: 101508 CLMW9 MS Batch ID: 56565 TestNo: SW6020 SW3005A Analysis Date: 10/21/2008 SeqNo: 2179956

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Antimony	52		0.50	50	0	104	85	115	52	0.622	20
Thallium	52		0.50	50	0	105	85	115	52	0.0381	20

Data Qualifier Code Key:
J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits
U Not Detected Above the MDL

PAS, Inc. Date: 04-Nov-08

CLIENT: Sarasota County
Work Order: F08100772
Project: Central County Wells 10/15 MW

ANALYTICAL QC SUMMARY REPORT

TestCode: N-NH3_W

Sample ID QCS | SampType: QCS | TestCode: N-NH3_W | Units: mg/L | Prep Date: | RunNo: 72806
Client ID: QCS | Batch ID: R72714 | TestNo: E350.1 | Analysis Date: 10/21/2008 | SeqNo: 2179781

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Nitrogen, Ammonia (As N)	6.3		0.020	6.6	0	95.7	90	110			

Sample ID MB-R72714I | SampType: MBLK | TestCode: N-NH3_W | Units: mg/L | Prep Date: | RunNo: 72806
Client ID: MB-R72714I | Batch ID: R72714I | TestNo: E350.1 | Analysis Date: 10/21/2008 | SeqNo: 2179805

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Nitrogen, Ammonia (As N)	0.020	U	0.020								

Sample ID LCS-R72714I | SampType: LCS | TestCode: N-NH3_W | Units: mg/L | Prep Date: | RunNo: 72806
Client ID: LCS-R72714I | Batch ID: R72714I | TestNo: E350.1 | Analysis Date: 10/21/2008 | SeqNo: 2179806

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Nitrogen, Ammonia (As N)	0.95		0.020	1.0	0	94.6	90	110			

Data Qualifier Code Key:
I Analyte detected below quantitation limits
U Not Detected Above the MDL
S Spike Recovery outside accepted recovery limits

PAS, Inc. Date: 04-Nov-08

CLIENT: Sarasota County
Work Order: F08100772
Project: Central County Wells 10/15 MW

ANALYTICAL QC SUMMARY REPORT

TestCode: SOLIDS-TDS

Sample ID MB-56588 SampType: MBLK TestCode: SOLIDS-TDS Units: mg/L Prep Date: 10/21/2008 RunNo: 72752
Client ID MB-56588 Batch ID: 56588 TestNo: SM2540 C SM2540 C Analysis Date: 10/21/2008 SeqNo: 2185561

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Solids, Total Dissolved	5.0	U	5.0								

Sample ID LCS-56588 SampType: LCS TestCode: SOLIDS-TDS Units: mg/L Prep Date: 10/21/2008 RunNo: 72752
Client ID LCS-56588 Batch ID: 56588 TestNo: SM2540 C SM2540 C Analysis Date: 10/21/2008 SeqNo: 2185562

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Solids, Total Dissolved	300		5.0	300	0	100	90	110			

Sample ID F08100758-001BDUP SampType: DUP TestCode: SOLIDS-TDS Units: mg/L Prep Date: 10/21/2008 RunNo: 72752
Batch ID: 56588 TestNo: SM2540 C SM2540 C Analysis Date: 10/21/2008 SeqNo: 2185564

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Solids, Total Dissolved	5.0	U	5.0						5.0 U	0	20

Sample ID F08100839-001LDUP SampType: DUP TestCode: SOLIDS-TDS Units: mg/L Prep Date: 10/21/2008 RunNo: 72752
Batch ID: 56588 TestNo: SM2540 C SM2540 C Analysis Date: 10/21/2008 SeqNo: 2185596

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Solids, Total Dissolved	5.0	U	5.0						5.0 U	0	20

Data Qualifier Code Key:
J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits
U Not Detected Above the MDL

November 04, 2008

Mr. Cesar Rodriguez
Sarasota County
1301 Cattleman Road
Resource Management
Bldg. E
Sarasota, FL 34232

NOV 2008
Resource
Management
Division

RE: Central County Wells 10/15 MW Order No.: F08100772

Dear Mr. Cesar Rodriguez:

PAS, Inc. received 5 samples on 10/17/2008 12:35:00 PM for the analyses presented in the following report.
Analyses are performed with method-required calibration and QA/QC samples, whenever applicable. Method performance, which is based on the calibration and QA/QC data, establishes the validity and certainty of the reported sample results. These data are provided along with the sample results.

Thank you for this opportunity to let Pace Analytical Services, Inc. (Florida) be of service to you. If you have any questions regarding this report, please feel free to call me at (386) 672-5668, extension 304.

Sincerely,

Project Manager
PAS, Inc.
P.O. Box 468
Ormond Beach, FL 32175-0468

THIS DOCUMENT MEETS NELAC
STANDARDS NELAC Certification #E83079

The following acronyms may be utilized within this report:

%REC	Percent Recovery
A	Absent
ABLK	Analytical Method Blank
CG	Confluent Growth
CGB	Confluent Growth Without Coliforms
CGC	Confluent Growth With Coliforms
DUP	Sample Duplicate
LCS	Laboratory Control Spike (may also be appended with an abbreviation indicating spiking level)
MBLK	Preparation Method Blank
MDL .	Laboratory Method Detection Limit
MS	Matrix Spike (may also be appended with an abbreviation indicating spiking level)
MSD	Matrix Spike Duplicate (may also be appended with an abbreviation indicating spiking level)
P	Present
PQL	Practical Quantitation Limit
QCS	Alternate source Calibration Verification Standard (may also be reported as analytical LCS in some
RL	Reporting Limit
RPD	Relative Percent Difference
SPK	Spike
TIC	Tentatively Identified Compound
TNTC	Too Numerous To Count

The following notes may apply to analytical results within this report:

Residue (solids) analysis may employ a single, heated drying process of at least 12 hours duration in lieu of employing short, repeated drying cycles, which represents a deviation from the methodology.

Because the EPA-recommended holding time for pH, residual chlorine, chloramines and chlorine dioxide is 15 minutes from time of collection, these analyses are routinely performed outside of their EPA-recommended holding time when performed in the laboratory.

Analytical results for ammonia analysis, or calculated analytical results depending on ammonia analysis, do not include a sample distillation procedure. A study comparing distilled versus non-distilled analytical results has been performed to document the validity of the analysis without prior distillation, and represents equivalent results for the represented project matrices.

Since N-nitrosodiphenylamine decomposes in the GC inlet and cannot be chromatographically resolved from diphenylamine, these compounds are reported as a single analyte in the report.

Since m-cresol and p-cresol cannot be chromatographically resolved, these compounds are reported as a single analyte in the report.

The following certifications may apply to analytical results within this report:

Alabama	DEM	41320
Arizona	DHS	AZ0640
Colorado	DPHE	FL NELAC Reciprocity
Connecticut	DPH	PH-0216
Florida	DOH	E83079
Georgia	DNR	955
Kentucky	DEP	90050
Maine	LCP	2006032
Massachusetts	DEP	M-FL020
Michigan	DEQ	9911
Mississippi	DOH	FL NELAC Reciprocity
Nevada	EP	ELAB FL-00020
New Hampshire	DES	295805
New Jersey	DEP	FL765
New York	DOH	11608
Pennsylvania	DEP	68-00547
Puerto Rico	DOH	FL 00020
South Carolina	DHEC	96027001
Tennessee	DOH	02974
Texas	CEQ	T104704184-05-TX

Case Narrative

CLIENT: Sarasota County
Project: Central County Wells 10/15 MW
Lab Order: F08100772

I. SAMPLE RECEIVING ACTIVITY

The samples were received and processed by the Sample Custody section of the laboratory. There were no significant logistics or quality problems unless noted below. Analysis performed by Benchmark, E84167, are identified on the COC and included in the report. The fraction for nutrients was at a pH >2 upon arrival. Adjustments were not made prior to preparation and analysis. Analysis requested for sample MW8A altered by client after arrival.

II. DATA

The samples were analyzed according to the laboratory's Standard Operating Procedures for the methodologies requested. There were no significant logistics or quality problems unless noted below or in the text of the report. The data were reported in a Parameter Monitoring Report format for Groundwater consistent with FAC 62-520.400,.420, .460.

III. QUALITY CONTROL

There were no significant quality control problems unless noted below or in the text of the report. The MS/MSD data outside accepted recovery limits were due to sample matrix effects of the selected batch QC sample, however, the associated LCS data were within guidance criteria for the method.

PAS, Inc. 8 East Tower Cr., Ormond Beach, FL 32174-87 Date: 04-Nov-08

Analytical Report

CLIENT:	Sarasota County	**Client Sample ID:**	Trip Blank
Lab Order:	F08100772	**Collection Date:**	10/15/2008
Project:	Central County Wells 10/15 MW	**Sample Description:**	Field Blank
Lab ID:	F08100772-005	**Matrix:**	Groundwater

Analyses	Result	Qual	MDL	PQL	Units	DF	Date Analyzed	Batch ID
8260: VOLATILE ORGANIC COMPOUNDS		SW8260	PrepDate:	10/20/2008 8:00:00			Analyst: ALA	
Acetone	5.0	U	5.0	10	µg/L	1	10/20/08 21:27	56608
Acrylonitrile	5.0	U	5.0	10	µg/L	1	10/20/08 21:27	56608
Benzene	0.50	U	0.50	1.0	µg/L	1	10/20/08 21:27	56608
Bromochloromethane	0.50	U	0.50	1.0	µg/L	1	10/20/08 21:27	56608
Bromodichloromethane	0.30	U	0.30	0.60	µg/L	1	10/20/08 21:27	56608
Bromoform	0.50	U	0.50	1.0	µg/L	1	10/20/08 21:27	56608
Bromomethane	0.50	U	0.50	1.0	µg/L	1	10/20/08 21:27	56608
2-Butanone	5.0	U	5.0	10	µg/L	1	10/20/08 21:27	56608
Carbon disulfide	0.50	U	0.50	1.0	µg/L	1	10/20/08 21:27	56608
Carbon tetrachloride	0.50	U	0.50	1.0	µg/L	1	10/20/08 21:27	56608
Chlorobenzene	0.50	U	0.50	1.0	µg/L	1	10/20/08 21:27	56608
Chloroethane	0.61	U	0.61	1.0	µg/L	1	10/20/08 21:27	56608
Chloroform	0.50	U	0.50	1.0	µg/L	1	10/20/08 21:27	56608
Chloromethane	0.50	U	0.50	1.0	µg/L	1	10/20/08 21:27	56608
Dibromochloromethane	0.25	U	0.25	0.50	µg/L	1	10/20/08 21:27	56608
Dibromomethane	0.50	U	0.50	1.0	µg/L	1	10/20/08 21:27	56608
trans-1,4-Dichloro-2-butene	5.0	U	5.0	10	µg/L	1	10/20/08 21:27	56608
1,2-Dichlorobenzene	0.51	U	0.51	1.0	µg/L	1	10/20/08 21:27	56608
1,4-Dichlorobenzene	0.50	U	0.50	1.0	µg/L	1	10/20/08 21:27	56608
1,1-Dichloroethane	0.50	U	0.50	1.0	µg/L	1	10/20/08 21:27	56608
1,2-Dichloroethane	0.50	U	0.50	1.0	µg/L	1	10/20/08 21:27	56608
1,1-Dichloroethene	0.50	U	0.50	1.0	µg/L	1	10/20/08 21:27	56608
cis-1,2-Dichloroethene	0.50	U	0.50	1.0	µg/L	1	10/20/08 21:27	56608
trans-1,2-Dichloroethene	0.52	U	0.52	1.0	µg/L	1	10/20/08 21:27	56608
1,2-Dichloropropane	0.50	U	0.50	1.0	µg/L	1	10/20/08 21:27	56608
cis-1,3-Dichloropropene	0.25	U	0.25	0.50	µg/L	1	10/20/08 21:27	56608
trans-1,3-Dichloropropene	0.25	U	0.25	0.50	µg/L	1	10/20/08 21:27	56608
Ethylbenzene	0.50	U	0.50	1.0	µg/L	1	10/20/08 21:27	56608
2-Hexanone	5.0	U	5.0	10	µg/L	1	10/20/08 21:27	56608
Iodomethane	0.50	U	0.50	1.0	µg/L	1	10/20/08 21:27	56608
4-Methyl-2-pentanone	5.0	U	5.0	10	µg/L	1	10/20/08 21:27	56608
Methylene chloride	2.5	U	2.5	5.0	µg/L	1	10/20/08 21:27	56608
Styrene	0.50	U	0.50	1.0	µg/L	1	10/20/08 21:27	56608
1,1,1,2-Tetrachloroethane	0.50	U	0.50	1.0	µg/L	1	10/20/08 21:27	56608
1,1,2,2-Tetrachloroethane	0.17	U	0.17	0.50	µg/L	1	10/20/08 21:27	56608
Tetrachloroethene	0.50	U	0.50	1.0	µg/L	1	10/20/08 21:27	56608

Data Qualifier Code Key:
I Analyte detected below quantitation limits
x Value exceeds Maximum Contaminant Level
U Not Detected Above the MDL

Analytical Report

CLIENT:	Sarasota County	**Client Sample ID:**	Trip Blank
Lab Order:	F08100772	**Collection Date:**	10/15/2008
Project:	Central County Wells 10/15 MW	**Sample Description:**	Field Blank
Lab ID:	F08100772-005	**Matrix:**	Groundwater

Analyses	Result	Qual	MDL	PQL	Units	DF	Date Analyzed	Batch ID
8260: VOLATILE ORGANIC COMPOUNDS		SW8260	PrepDate:	10/20/2008 8:00:00			Analyst: ALA	
Toluene	1.4		0.50	1.0	µg/L	1	10/20/08 21:27	56608
1,1,1-Trichloroethane	0.50	U	0.50	1.0	µg/L	1	10/20/08 21:27	56608
1,1,2-Trichloroethane	0.50	U	0.50	1.0	µg/L	1	10/20/08 21:27	56608
Trichloroethene	0.50	U	0.50	1.0	µg/L	1	10/20/08 21:27	56608
Trichlorofluoromethane	0.66	U	0.66	1.0	µg/L	1	10/20/08 21:27	56608
1,2,3-Trichloropropane	0.30	U	0.30	0.50	µg/L	1	10/20/08 21:27	56608
Vinyl acetate	1.0	U	1.0	2.0	µg/L	1	10/20/08 21:27	56608
Vinyl chloride	0.53	U	0.53	1.0	µg/L	1	10/20/08 21:27	56608
Xylenes, Total	1.0	U	1.0	3.0	µg/L	1	10/20/08 21:27	56608
Surr: 4-Bromofluorobenzene	89.4		0	70-114	%REC	1	10/20/08 21:27	56608
Surr: Dibromofluoromethane	94.4		0	88-117	%REC	1	10/20/08 21:27	56608
Surr: 1,2-Dichloroethane-d4	101		0	86-125	%REC	1	10/20/08 21:27	56608
Surr: Toluene-d8	97.6		0	87-113	%REC	1	10/20/08 21:27	56608

Data Qualifier Code Key:

I	Analyte detected below quantitation limits	U	Not Detected Above the MDL
x	Value exceeds Maximum Contaminant Level		

PAS, Inc. Date: 04-Nov-08

CLIENT: Sarasota County
Work Order: F08100772
Project: Central County Wells 10/15 MW

ANALYTICAL QC SUMMARY REPORT

TestCode: 8011_W

Sample ID MB-56692 SampType: MBLK TestCode: 8011_W Units: µg/L Prep Date: 10/24/2008 RunNo: 72968
Client ID: MB-56692 Batch ID: 56692 TestNo: SW8011 SW8011 Analysis Date: 10/25/2008 SeqNo: 2187115

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
1,2-Dibromo-3-chloropropane	0.0049	U	0.0049								
Ethylene Dibromide	0.0062	U	0.0062								

Sample ID LCS-56692 SampType: LCS TestCode: 8011_W Units: µg/L Prep Date: 10/24/2008 RunNo: 72968
Client ID: LCS-56692 Batch ID: 56692 TestNo: SW8011 SW8011 Analysis Date: 10/25/2008 SeqNo: 2187116

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
1,2-Dibromo-3-chloropropane	0.23		0.0049	0.25	0	90.4	60	140			
Ethylene Dibromide	0.21		0.0062	0.25	0	85.6	60	140			

Sample ID LCSD-56692 SampType: LCSD TestCode: 8011_W Units: µg/L Prep Date: 10/24/2008 RunNo: 72968
Client ID: LCSD-56692 Batch ID: 56692 TestNo: SW8011 SW8011 Analysis Date: 10/25/2008 SeqNo: 2187117

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
1,2-Dibromo-3-chloropropane	0.23		0.0049	0.25	0	93.6	60	140	0.23	3.48	40
Ethylene Dibromide	0.22		0.0062	0.25	0	90.0	60	140	0.21	5.01	40

Sample ID F08100934-003BMS SampType: MS TestCode: 8011_W Units: µg/L Prep Date: 10/24/2008 RunNo: 72968
Batch ID: 56692 TestNo: SW8011 SW8011 Analysis Date: 10/25/2008 SeqNo: 2187143

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
1,2-Dibromo-3-chloropropane	0.48		0.0085	0.44	0	109	60	140			
Ethylene Dibromide	0.49		0.011	0.44	0	112	60	140			

Data Qualifier Code Key:
I Analyte detected below quantitation limits
U Not Detected Above the MDL
S Spike Recovery outside accepted recovery limits

PAS, Inc. Date: 04-Nov-08

CLIENT: Sarasota County
Work Order: F08100772
Project: Central County Wells 10/15 MW

ANALYTICAL QC SUMMARY REPORT

TestCode: 8011_W

Sample ID **F08100934-003BMSD** SampType: **MSD** TestCode: **8011_W** Units: **µg/L** Prep Date: **10/24/2008** RunNo: **72968**
Batch ID: **56692** TestNo: **SW8011** **SW8011** Analysis Date: **10/25/2008** SeqNo: **2187144**

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
1,2-Dibromo-3-chloropropane	0.49		0.0086	0.44	0	111	60	140	0.48	2.31	40
Ethylene Dibromide	0.49		0.011	0.44	0	111	60	140	0.49	0.218	40

Data Qualifier Code Key:
J Analyte detected below quantitation limits
U Not Detected Above the MDL
S Spike Recovery outside accepted recovery limits

PAS, Inc. Date: 04-Nov-08

CLIENT: Sarasota County
Work Order: F08100772
Project: Central County Wells 10/15 MW

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_W

Sample ID	MB-56608	SampType:	MBLK	TestCode:	8260_W	Units:	µg/L	Prep Date:	10/20/2008	RunNo:	72778
Client ID:	MB-56608	Batch ID:	56608	TestNo:	SW8260		SW5030A	Analysis Date:	10/20/2008	SeqNo:	2179108

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Acetone	5.0	U	5.0								
Acrylonitrile	5.0	U	5.0								
Benzene	0.50	U	0.50								
Bromochloromethane	0.50	U	0.50								
Bromodichloromethane	0.30	U	0.30								
Bromoform	0.50	U	0.50								
Bromomethane	0.50	U	0.50								
2-Butanone	5.0	U	5.0								
Carbon disulfide	0.50	U	0.50								
Carbon tetrachloride	0.50	U	0.50								
Chlorobenzene	0.50	U	0.50								
Chloroethane	0.61	U	0.61								
Chloroform	0.50	U	0.50								
Chloromethane	0.50	U	0.50								
Dibromochloromethane	0.25	U	0.25								
Dibromomethane	0.50	U	0.50								
trans-1,4-Dichloro-2-butene	5.0	U	5.0								
1,2-Dichlorobenzene	0.51	U	0.51								
1,4-Dichlorobenzene	0.50	U	0.50								
1,1-Dichloroethane	0.50	U	0.50								
1,2-Dichloroethane	0.50	U	0.50								
1,1-Dichloroethene	0.50	U	0.50								
cis-1,2-Dichloroethene	0.50	U	0.50								
trans-1,2-Dichloroethene	0.52	U	0.52								
1,2-Dichloropropane	0.50	U	0.50								
cis-1,3-Dichloropropene	0.25	U	0.25								
trans-1,3-Dichloropropene	0.25	U	0.25								

Data Qualifier Code Key:
I Analyte detected below quantitation limits
U Not Detected Above the MDL
S Spike Recovery outside accepted recovery limits

PAS, Inc. Date: 04-Nov-08

CLIENT: Sarasota County
Work Order: F08100772
Project: Central County Wells 10/15 MW

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_W

Sample ID	MB-56608	SampType:	MBLK	TestCode:	8260_W	Units:	µg/L	Prep Date:	10/20/2008	RunNo:	72778
Client ID:	MB-56608	Batch ID:	56608	TestNo:	SW8260	SW5030A		Analysis Date:	10/20/2008	SeqNo:	2179108

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Ethylbenzene	0.50	U	0.50								
2-Hexanone	5.0	U	5.0								
Iodomethane	0.50	U	0.50								
4-Methyl-2-pentanone	5.0	U	5.0								
Methylene chloride	2.5	U	2.5								
Styrene	0.50	U	0.50								
1,1,1,2-Tetrachloroethane	0.50	U	0.50								
1,1,2,2-Tetrachloroethane	0.17	U	0.17								
Tetrachloroethene	0.50	U	0.50								
Toluene	0.50	U	0.50								
1,1,1-Trichloroethane	0.50	U	0.50								
1,1,2-Trichloroethane	0.50	U	0.50								
Trichloroethene	0.50	U	0.50								
Trichlorofluoromethane	0.66	U	0.66								
1,2,3-Trichloropropane	0.30	U	0.30								
Vinyl acetate	1.0	U	1.0								
Vinyl chloride	0.53	U	0.53								
Xylenes, Total	1.0	U	1.0								
Surr: 4-Bromofluorobenzene	36		0	40	0	90.5	70	114			
Surr: Dibromofluoromethane	38		0	40	0	95.3	88	117			
Surr: 1,2-Dichloroethane-d4	40		0	40	0	100	86	125			
Surr: Toluene-d8	38		0	40	0	95.2	87	113			

Sample ID	LCS-56608	SampType:	LCS	TestCode:	8260_W	Units:	µg/L	Prep Date:	10/20/2008	RunNo:	72778
Client ID:	LCS-56608	Batch ID:	56608	TestNo:	SW8260	SW5030A		Analysis Date:	10/20/2008	SeqNo:	2179110

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit

Data Qualifier Code Key:
J Analyte detected below quantitation limits
U Not Detected Above the MDL
S Spike Recovery outside accepted recovery limits

CLIENT: Sarasota County
Work Order: F08100772
Project: Central County Wells 10/15 MW

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_W

Sample ID LCS-56608	SampType: LCS	TestCode: 8260_W	Units: µg/L	Prep Date: 10/20/2008	RunNo: 72778
Client ID: LCS-56608	Batch ID: 56608	TestNo: SW8260	SW5030A	Analysis Date: 10/20/2008	SeqNo: 2179110

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Chloroform	17		0.50	20	0	84.8	61	146			
1,1-Dichloroethene	17		0.50	20	0	85.2	68	150			
1,2-Dichloropropane	17		0.50	20	0	84.9	71	140			
Ethylbenzene	20		0.50	20	0	99.8	79	140			
Toluene	17		0.50	20	0	86.2	69	140			
Vinyl chloride	18		0.53	20	0	88.6	62	140			
Surr: 4-Bromofluorobenzene	39		0	40	0	97.6	70	114			
Surr: Dibromofluoromethane	39		0	40	0	97.2	88	117			
Surr: 1,2-Dichloroethane-d4	40		0	40	0	101	86	125			
Surr: Toluene-d8	38		0	40	0	95.4	87	113			

Sample ID F08100779-005GMS	SampType: MS	TestCode: 8260_W	Units: µg/L	Prep Date: 10/20/2008	RunNo: 72778
	Batch ID: 56608	TestNo: SW8260	SW5030A	Analysis Date: 10/20/2008	SeqNo: 2179128

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Chloroform	19		0.50	20	0	94.4	61	146			
1,1-Dichloroethene	18		0.50	20	0	88.5	68	150			
1,2-Dichloropropane	18		0.50	20	0	92.4	71	140			
Ethylbenzene	22		0.50	20	0	110	79	140			
Toluene	20		0.50	20	0.51	99.9	69	140			
Vinyl chloride	20		0.53	20	0	97.6	62	140			
Surr: 4-Bromofluorobenzene	39		0	40	0	97.2	70	114			
Surr: Dibromofluoromethane	38		0	40	0	95.5	88	117			
Surr: 1,2-Dichloroethane-d4	40		0	40	0	98.8	86	125			
Surr: Toluene-d8	38		0	40	0	96.1	87	113			

Data Qualifier Code Key:
I Analyte detected below quantitation limits
U Not Detected Above the MDL
S Spike Recovery outside accepted recovery limits

PAS, Inc. Date: 04-Nov-08

CLIENT: Sarasota County
Work Order: F08100772
Project: Central County Wells 10/15 MW

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_W

Sample ID	F08100779-005GMSD	SampType:	MSD	TestCode:	8260_W	Units:	µg/L	Prep Date:	10/20/2008	RunNo:	72778
		Batch ID:	56608	TestNo:	SW8260		SW5030A	Analysis Date:	10/20/2008	SeqNo:	2179129

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Chloroform	17		0.50	20	0	87.4	61	146	19	7.64	40
1,1-Dichloroethene	18		0.50	20	0	87.6	68	150	18	1.02	40
1,2-Dichloropropane	17		0.50	20	0	85.1	71	140	18	8.23	40
Ethylbenzene	20		0.50	20	0	99.0	79	140	22	10.8	40
Toluene	18		0.50	20	0.51	89.6	69	140	20	10.6	40
Vinyl chloride	18		0.53	20	0	90.4	62	140	20	7.77	40
Surr: 4-Bromofluorobenzene	40		0	40	0	98.8	70	114	39	0	0
Surr: Dibromofluoromethane	38		0	40	0	95.0	88	117	38	0	0
Surr: 1,2-Dichloroethane-d4	40		0	40	0	101	86	125	40	0	0
Surr: Toluene-d8	38		0	40	0	95.4	87	113	38	0	0

Data Qualifier Code Key:
- I Analyte detected below quantitation limits
- U Not Detected Above the MDL
- S Spike Recovery outside accepted recovery limits

PAS, Inc.

Date: 04-Nov-08

CLIENT: Sarasota County
Work Order: F08100772
Project: Central County Wells 10/15 MW

ANALYTICAL QC SUMMARY REPORT

TestCode: AA-HG7470_W

Sample ID **MB-56533** SampType: **MBLK** TestCode: **AA-HG7470_** Units: **µg/L** Prep Date: **10/20/2008** RunNo: **72822**
Client ID: **MB-56533** Batch ID: **56533** TestNo: **SW7470** **SW7470** Analysis Date: **10/23/2008** SeqNo: **2184070**

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Mercury	0.020	U	0.020								

Sample ID **LCS-56533** SampType: **LCS** TestCode: **AA-HG7470_** Units: **µg/L** Prep Date **10/20/2008** RunNo: **72822**
Client ID: **LCS-56533** Batch ID: **56533** TestNo: **SW7470** **SW7470** Analysis Date: **10/23/2008** SeqNo: **2184071**

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Mercury	2.0		0.020	2.0	0	98.9	80	120			

Sample ID **F08100698-004CMS** SampType: **MS** TestCode: **AA-HG7470_** Units: **µg/L** Prep Date: **10/20/2008** RunNo: **72822**
Batch ID: **56533** TestNo: **SW7470** **SW7470** Analysis Date: **10/23/2008** SeqNo: **2184081**

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Mercury	2.0		0.020	2.0	0	98.3	85	115			

Sample ID **F08100807-005BMS** SampType: **MS** TestCode: **AA-HG7470_** Units: **µg/L** Prep Date: **10/20/2008** RunNo: **72822**
Batch ID: **56533** TestNo: **SW7470** **SW7470** Analysis Date: **10/23/2008** SeqNo: **2184095**

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Mercury	2.0		0.020	2.0	0	102	85	115			

Sample ID **F08100698-004CMSD** SampType: **MSD** TestCode: **AA-HG7470_** Units: **µg/L** Prep Date: **10/20/2008** RunNo: **72822**
Batch ID: **56533** TestNo: **SW7470** **SW7470** Analysis Date: **10/23/2008** SeqNo: **2184082**

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Mercury	1.9		0.020	2.0	0	95.1	85	115	2.0	3.38	20

Data Qualifier Code Key:
J Analyte detected below quantitation limits
U Not Detected Above the MDL
S Spike Recovery outside accepted recovery limits

PAS, Inc. Date: 04-Nov-08

CLIENT: Sarasota County
Work Order: F08100772
Project: Central County Wells 10/15 MW

ANALYTICAL QC SUMMARY REPORT

TestCode: AA-HG7470_W

Sample ID **F08100807-005BMSD** SampType: **MSD** TestCode: **AA-HG7470_** Units: **µg/L** Prep Date: **10/20/2008** RunNo: **72822**
Batch ID: **56533** TestNo: **SW7470** **SW7470** Analysis Date: **10/23/2008** SeqNo: **2184096**

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Mercury	2.1		0.020	2.0	0	103	85	115	2.0	0.429	20

Data Qualifier Code Key:
J Analyte detected below quantitation limits
U Not Detected Above the MDL
S Spike Recovery outside accepted recovery limits

PAS, Inc. Date: 04-Nov-08

CLIENT: Sarasota County
Work Order: F08100772
Project: Central County Wells 10/15 MW

ANALYTICAL QC SUMMARY REPORT

TestCode: ALKALINITY

Sample ID **qcs** SampType: **QCS** TestCode: **ALKALINITY** Units: **mg/L** Prep Date: RunNo: **72964**
Client ID: **qcs** Batch ID: **R72964** TestNo: **SM2320 B** Analysis Date: **10/27/2008** SeqNo: **2188694**

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Alkalinity, Total (As CaCO3)	250		5.0	250	0	100	90	110			

Sample ID **MB-R72964** SampType: **MBLK** TestCode: **ALKALINITY** Units: **mg/L** Prep Date: RunNo: **72964**
Client ID: **MB-R72964** Batch ID: **R72964** TestNo: **SM2320 B** Analysis Date: **10/27/2008** SeqNo: **2188693**

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Alkalinity, Bicarbonate (As CaCO3)	5.0	U	5.0								
Alkalinity, Carbonate (As CaCO3)	5.0	U	5.0								
Alkalinity, Total (As CaCO3)	5.0	U	5.0								

Sample ID **F08100772-001EMS** SampType: **MS** TestCode: **ALKALINITY** Units: **mg/L** Prep Date: RunNo: **72964**
Client ID: **101508 CLMW1R M** Batch ID: **R72964** TestNo: **SM2320 B** Analysis Date: **10/27/2008** SeqNo: **2186610**

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Alkalinity, Total (As CaCO3)	360		5.0	100	250	103	90	110			

Sample ID **F08100772-001EDUP** SampType: **DUP** TestCode: **ALKALINITY** Units: **mg/L** Prep Date: RunNo: **72964**
Client ID: **101508 CLMW1R D** Batch ID: **R72964** TestNo: **SM2320 B** Analysis Date: **10/27/2008** SeqNo: **2186609**

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Alkalinity, Bicarbonate (As CaCO3)	250		5.0						5.0 U	2 75	20
Alkalinity, Carbonate (As CaCO3)	5.0	U	5.0						5.0 U	0	20
Alkalinity, Total (As CaCO3)	250		5.0						5.0 U	2 75	20

Data Qualifier Code Key:
J Analyte detected below quantitation limits
U Not Detected Above the MDL
S Spike Recovery outside accepted recovery limits

PAS, Inc. Date: 04-Nov-08

CLIENT: Sarasota County
Work Order: F08100772
Project: Central County Wells 10/15 MW

ANALYTICAL QC SUMMARY REPORT

TestCode: IC300_W

Sample ID MB SampType: MBLK TestCode: IC300_W Units: mg/L Prep Date: RunNo: 72907
Client ID: MB Batch ID: R72907B TestNo: E300.0 Analysis Date: 10/23/2008 SeqNo: 2184547

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Chloride	0.021	U	0.021								
Sulfate	0.055	U	0.055								

Sample ID LCS SampType: LCS TestCode: IC300_W Units: mg/L Prep Date: RunNo: 72907
Client ID: LCS Batch ID: R72907B TestNo: E300.0 Analysis Date: 10/23/2008 SeqNo: 2184548

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Chloride	5.1		0.021	5.0	0	103	90	110			
Sulfate	5.1		0.055	5.0	0	102	90	110			

Sample ID F08101027-001EMS SampType: MS TestCode: IC300_W Units: mg/L Prep Date: RunNo: 72907
Batch ID: R72907B TestNo: E300.0 Analysis Date: 10/23/2008 SeqNo: 2184550

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Chloride	13		0.021	10	3.8	90.2	90	110			
Sulfate	11	S	0.055	10	2.6	**89.4**	90	110			

Sample ID F08100936-001AMS SampType: MS TestCode: IC300_W Units: mg/L Prep Date: RunNo: 72907
Batch ID: R72907B TestNo: E300.0 Analysis Date: 10/23/2008 SeqNo: 2184567

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Chloride	27		0.021	10	17	97.6	90	110			
Sulfate	44		0.055	10	34	92.3	90	110			

Data Qualifier Code Key:
I Analyte detected below quantitation limits
U Not Detected Above the MDL
S Spike Recovery outside accepted recovery limits

PAS, Inc. Date: 04-Nov-08

CLIENT: Sarasota County
Work Order: F08100772
Project: Central County Wells 10/15 MW

ANALYTICAL QC SUMMARY REPORT

TestCode: IC300_W

Sample ID F08101027-001EMSD SampType: MSD TestCode: IC300_W Units: mg/L Prep Date: RunNo: 72907
Batch ID: R72907B TestNo: E300.0 Analysis Date: 10/23/2008 SeqNo: 2184551

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Chloride	13		0.021	10	3.8	92.3	90	110	13	1.62	20
Sulfate	12		0.055	10	2.6	90.8	90	110	11	1.23	20

Sample ID F08100936-001AMSD SampType: MSD TestCode: IC300_W Units: mg/L Prep Date: RunNo: 72907
Batch ID: R72907B TestNo: E300.0 Analysis Date: 10/23/2008 SeqNo: 2184568

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Chloride	27		0.021	10	17	99.2	90	110	27	0.592	20
Sulfate	44		0.055	10	34	93.0	90	110	44	0.169	20

Data Qualifier Code Key:
J Analyte detected below quantitation limits
U Not Detected Above the MDL
S Spike Recovery outside accepted recovery limits

PAS, Inc. Date: 04-Nov-08

CLIENT: Sarasota County
Work Order: F08100772
Project: Central County Wells 10/15 MW

ANALYTICAL QC SUMMARY REPORT

TestCode: ICP-6010_W

Sample ID: MB-56565 | SampType: MBLK | TestCode: ICP-6010_W | Units: µg/L | Prep Date: 10/20/2008 | RunNo: 72726
Client ID: MB-56565 | Batch ID: 56565 | TestNo: SW6010 SW3005A | Analysis Date: 10/20/2008 | SeqNo: 2180971

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Arsenic	5.0	U	5.0								
Barium	5.0	U	5.0								
Beryllium	0.50	U	0.50								
Cadmium	0.50	U	0.50								
Calcium	250	U	250								
Chromium	2.5	U	2.5								
Cobalt	5.0	U	5.0								
Copper	2.5	U	2.5								
Iron	20	U	20								
Lead	5.0	U	5.0								
Magnesium	250	U	250								
Nickel	2.5	U	2.5								
Potassium	250	U	250								
Selenium	7.5	U	7.5								
Silver	2.5	U	2.5								
Sodium	500	U	500								
Vanadium	5.0	U	5.0								
Zinc	10	U	10								

Sample ID: LCS-56565 | SampType: LCS | TestCode: ICP-6010_W | Units: µg/L | Prep Date: 10/20/2008 | RunNo: 72726
Client ID: LCS-56565 | Batch ID: 56565 | TestNo: SW6010 SW3005A | Analysis Date: 10/20/2008 | SeqNo: 2180972

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Arsenic	270		5.0	250	0	109	80	120			
Barium	280		5.0	250	0	110	80	120			
Beryllium	26		0.50	25	0	105	80	120			
Cadmium	28		0.50	25	0	111	80	120			

Data Qualifier Code Key:
I Analyte detected below quantitation limits
U Not Detected Above the MDL
S Spike Recovery outside accepted recovery limits

PAS, Inc. Date: 04-Nov-08

CLIENT: Sarasota County
Work Order: F08100772
Project: Central County Wells 10/15 MW

ANALYTICAL QC SUMMARY REPORT

TestCode: ICP-6010_W

Sample ID: LCS-56565 | SampType: LCS | TestCode: ICP-6010_W | Units: µg/L | Prep Date: 10/20/2008 | RunNo: 72726
Client ID: LCS-56565 | Batch ID: 56565 | TestNo: SW6010 | SW3005A | Analysis Date: 10/20/2008 | SeqNo: 2180972

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Calcium	13000		250	12000	0	107	80	120			
Chromium	280		2.5	250	0	112	80	120			
Cobalt	270		5.0	250	0	110	80	120			
Copper	270		2.5	250	0	109	80	120			
Iron	2700		20	2500	0	109	80	120			
Lead	270		5.0	250	0	108	80	120			
Magnesium	13000		250	12000	0	106	80	120			
Nickel	270		2.5	250	0	109	80	120			
Potassium	13000		250	12000	0	102	80	120			
Selenium	270		7.5	250	0	108	80	120			
Silver	29		2.5	25	0	114	80	120			
Sodium	14000		500	12000	0	109	80	120			
Vanadium	270		5.0	250	0	109	80	120			
Zinc	1300		10	1200	0	106	80	120			

Sample ID: F08100772-004CMS | SampType: MS | TestCode: ICP-6010_W | Units: µg/L | Prep Date: 10/20/2008 | RunNo: 72726
Client ID: 101508 CW8A MS | Batch ID: 56565 | TestNo: SW6010 | SW3005A | Analysis Date: 10/20/2008 | SeqNo: 2180999

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Arsenic	320		5.0	250	42	111	75	125			
Barium	340		5.0	250	61	110	75	125			
Beryllium	26		0.50	25	0	102	75	125			
Cadmium	28		0.50	25	0.89	110	75	125			
Calcium	76000		250	12000	61000	121	75	125			
Chromium	280		2.5	250	4.6	111	75	125			
Cobalt	270		5.0	250	0	109	75	125			
Copper	280		2.5	250	0	113	75	125			

Data Qualifier Code Key:
J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits
U Not Detected Above the MDL

PAS, Inc.

Date: 04-Nov-08

CLIENT: Sarasota County
Work Order: F08100772
Project: Central County Wells 10/15 MW

ANALYTICAL QC SUMMARY REPORT

TestCode: ICP-6010_W

Sample ID **F08100772-004CMS** SampType: **MS** TestCode: **ICP-6010_W** Units: **µg/L** Prep Date: **10/20/2008** RunNo: **72726**
Client ID: **101508 CW8A MS** Batch ID: **56565** TestNo: **SW6010** **SW3005A** Analysis Date: **10/20/2008** SeqNo: **2180999**

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Iron	63000	S	20	2500	59000	128	75	125			
Lead	270		5.0	250	0	109	75	125			
Magnesium	37000		250	12000	23000	112	75	125			
Nickel	270		2.5	250	0	108	75	125			
Potassium	20000		250	12000	6100	110	75	125			
Selenium	270		7.5	250	0	108	75	125			
Silver	29		2.5	25	0	118	75	125			
Sodium	53000		500	12000	39000	114	75	125			
Vanadium	280		5.0	250	8.9	110	75	125			
Zinc	1300		10	1200	0	106	75	125			

Sample ID **F08100772-004CMSD** SampType: **MSD** TestCode: **ICP-6010_W** Units: **µg/L** Prep Date: **10/20/2008** RunNo: **72726**
Client ID: **101508 CW8A MSD** Batch ID: **56565** TestNo: **SW6010** **SW3005A** Analysis Date: **10/20/2008** SeqNo: **2181000**

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Arsenic	320		5.0	250	42	110	75	125	5.0 U	0.314	20
Barium	330		5.0	250	61	109	75	125	5.0 U	0.299	20
Beryllium	26		0.50	25	0	102	75	125	26	0.391	20
Cadmium	28		0.50	25	0.89	109	75	125	28	0.354	20
Calcium	75000		250	12000	61000	116	75	125	76000	0.794	20
Chromium	280		2.5	250	4.6	110	75	125	280	1.07	20
Cobalt	270		5.0	250	0	108	75	125	5.0 U	0.735	20
Copper	280		2.5	250	0	112	75	125	280	0.712	20
Iron	62000		20	2500	59000	112	75	125	63000	0.641	20
Lead	270		5.0	250	0	107	75	125	5.0 U	1.48	20
Magnesium	36000		250	12000	23000	110	75	125	37000	0.823	20
Nickel	270		2.5	250	0	108	75	125	270	0.371	20

Data Qualifier Code Key:
I Analyte detected below quantitation limits
U Not Detected Above the MDL
S Spike Recovery outside accepted recovery limits

PAS, Inc. Date: 04-Nov-08

CLIENT: Sarasota County
Work Order: F08100772
Project: Central County Wells 10/15 MW

ANALYTICAL QC SUMMARY REPORT

TestCode: ICP-6010_W

Sample ID	F08100772-004CMSD	SampType:	MSD	TestCode:	ICP-6010_W	Units:	µg/L	Prep Date:	10/20/2008	RunNo:	72726
Client ID:	101508 CW8A MSD	Batch ID:	56565	TestNo:	SW6010		SW3005A	Analysis Date:	10/20/2008	SeqNo:	2181000

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Potassium	20000		250	12000	6100	110	75	125	250 U	0	20
Selenium	260		7.5	250	0	103	75	125	7 5 U	4 55	20
Silver	29		2.5	25	0	115	75	125	29	2.06	20
Sodium	53000		500	12000	39000	114	75	125	53000	0.189	20
Vanadium	280		5.0	250	8.9	109	75	125	5.0 U	0.709	20
Zinc	1300		10	1200	0	105	75	125	1300	0.760	20

Data Qualifier Code Key:
J Analyte detected below quantitation limits
U Not Detected Above the MDL
S Spike Recovery outside accepted recovery limits

PAS, Inc. Date: 04-Nov-08

CLIENT: Sarasota County
Work Order: F08100772
Project: Central County Wells 10/15 MW

ANALYTICAL QC SUMMARY REPORT

TestCode: ICP-6020_W

Sample ID MB-56565	SampType: MBLK	TestCode. ICP-6020_W	Units: µg/L	Prep Date: 10/20/2008	RunNo: 72777						
Client ID: MB-56565	Batch ID: 56565	TestNo: SW6020	SW3005A	Analysis Date: 10/21/2008	SeqNo: 2179945						
Analyte	**Result**	**Qual**	**MDL**	**SPK value**	**SPK Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**RPD Ref Val**	**%RPD**	**RPDLimit**
Antimony	0.50	U	0.50								
Thallium	0.50	U	0.50								

Sample ID LCS-56565	SampType: LCS	TestCode. ICP-6020_W	Units: µg/L	Prep Date: 10/20/2008	RunNo: 72777						
Client ID: LCS-56565	Batch ID: 56565	TestNo: SW6020	SW3005A	Analysis Date: 10/21/2008	SeqNo: 2179946						
Analyte	**Result**	**Qual**	**MDL**	**SPK value**	**SPK Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**RPD Ref Val**	**%RPD**	**RPDLimit**
Antimony	51		0.50	50	0	102	85	115			
Thallium	51		0.50	50	0	103	85	115			

Sample ID F08100772-003CMS	SampType: MS	TestCode: ICP-6020_W	Units: µg/L	Prep Date: 10/20/2008	RunNo: 72777						
Client ID: 101508 CLMW9 MS	Batch ID: 56565	TestNo: SW6020	SW3005A	Analysis Date: 10/21/2008	SeqNo: 2179953						
Analyte	**Result**	**Qual**	**MDL**	**SPK value**	**SPK Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**RPD Ref Val**	**%RPD**	**RPDLimit**
Antimony	52		0.50	50	0	104	85	115			
Thallium	52		0.50	50	0	105	85	115			

Sample ID F08100772-003CMSD	SampType: MSD	TestCode: ICP-6020_W	Units: µg/L	Prep Date: 10/20/2008	RunNo: 72777						
Client ID: 101508 CLMW9 MS	Batch ID: 56565	TestNo: SW6020	SW3005A	Analysis Date: 10/21/2008	SeqNo: 2179956						
Analyte	**Result**	**Qual**	**MDL**	**SPK value**	**SPK Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**RPD Ref Val**	**%RPD**	**RPDLimit**
Antimony	52		0.50	50	0	104	85	115	52	0.622	20
Thallium	52		0.50	50	0	105	85	115	52	0.0381	20

Data Qualifier Code Key:
I Analyte detected below quantitation limits
U Not Detected Above the MDL
S Spike Recovery outside accepted recovery limits

PAS, Inc.

Date: *04-Nov-08*

CLIENT: Sarasota County
Work Order: F08100772
Project: Central County Wells 10/15 MW

ANALYTICAL QC SUMMARY REPORT

TestCode: N-NH3_W

Sample ID: QCS	SampType: QCS	TestCode: N-NH3_W	Units: mg/L	Prep Date:	RunNo: 72806
Client ID: QCS	Batch ID: R72714	TestNo: E350.1		Analysis Date: 10/21/2008	SeqNo: 2179781

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Nitrogen, Ammonia (As N)	6.3		0.020	6.6	0	95.7	90	110			

Sample ID: MB-R72714I	SampType: MBLK	TestCode: N-NH3_W	Units: mg/L	Prep Date:	RunNo: 72806
Client ID: MB-R72714I	Batch ID: R72714I	TestNo: E350.1		Analysis Date: 10/21/2008	SeqNo: 2179805

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Nitrogen, Ammonia (As N)	0.020	U	0.020								

Sample ID: LCS-R72714I	SampType: LCS	TestCode: N-NH3_W	Units: mg/L	Prep Date:	RunNo: 72806
Client ID: LCS-R72714I	Batch ID: R72714I	TestNo: E350.1		Analysis Date: 10/21/2008	SeqNo: 2179806

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Nitrogen, Ammonia (As N)	0.95		0.020	1.0	0	94.6	90	110			

Data Qualifier Code Key:
I Analyte detected below quantitation limits
U Not Detected Above the MDL
S Spike Recovery outside accepted recovery limits

PAS, Inc.

Date: 04-Nov-08

CLIENT: Sarasota County
Work Order: F08100772
Project: Central County Wells 10/15 MW

ANALYTICAL QC SUMMARY REPORT

TestCode: SOLIDS-TDS

Sample ID: MB-56588 | SampType: MBLK | TestCode: SOLIDS-TDS | Units: mg/L | Prep Date: 10/21/2008 | RunNo: 72752
Client ID: MB-56588 | Batch ID: 56588 | TestNo: SM2540 C SM2540 C | Analysis Date: 10/21/2008 | SeqNo: 2185561

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Solids, Total Dissolved	5.0	U	5.0								

Sample ID: LCS-56588 | SampType: LCS | TestCode: SOLIDS-TDS | Units: mg/L | Prep Date: 10/21/2008 | RunNo: 72752
Client ID: LCS-56588 | Batch ID: 56588 | TestNo: SM2540 C SM2540 C | Analysis Date: 10/21/2008 | SeqNo: 2185562

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Solids, Total Dissolved	300		5.0	300	0	100	90	110			

Sample ID: F08100758-001BDUP | SampType: DUP | TestCode: SOLIDS-TDS | Units: mg/L | Prep Date: 10/21/2008 | RunNo: 72752
Batch ID: 56588 | TestNo: SM2540 C SM2540 C | Analysis Date: 10/21/2008 | SeqNo: 2185564

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Solids, Total Dissolved	5.0	U	5.0						5.0 U	0	20

Sample ID: F08100839-001LDUP | SampType: DUP | TestCode: SOLIDS-TDS | Units: mg/L | Prep Date: 10/21/2008 | RunNo: 72752
Batch ID: 56588 | TestNo: SM2540 C SM2540 C | Analysis Date: 10/21/2008 | SeqNo: 2185596

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Solids, Total Dissolved	5.0	U	5.0						5.0 U	0	20

Data Qualifier Code Key:
J Analyte detected below quantitation limits
U Not Detected Above the MDL
S Spike Recovery outside accepted recovery limits

COUNTY ISSUED 12/4/08

NOV 2008 Resource Management Division

November 07, 2008

Mr. Cesar Rodriguez
Sarasota County
1301 Cattleman Road
Resource Management
Bldg. E
Sarasota, FL 34232

RE: Central County Wells 10-20 MW10R Order No.: F08100926

Dear Mr. Cesar Rodriguez:

PAS, Inc. received 2 samples on 10/22/2008 12:10:00 PM for the analyses presented in the following report.
Analyses are performed with method-required calibration and QA/QC samples, whenever applicable. Method performance, which is based on the calibration and QA/QC data, establishes the validity and certainty of the reported sample results. These data are provided along with the sample results.

Thank you for this opportunity to let Pace Analytical Services, Inc. (Florida) be of service to you. If you have any questions regarding this report, please feel free to call me at (386) 672-5668, extension 304.

Sincerely,

Project Manager
PAS, Inc.
P.O. Box 468
Ormond Beach, FL 32175-0468

THIS DOCUMENT MEETS NELAC
STANDARDS NELAC Certification #E83079

The following acronyms may be utilized within this report:

%REC	Percent Recovery
A	Absent
ABLK	Analytical Method Blank
CG	Confluent Growth
CGB	Confluent Growth Without Coliforms
CGC	Confluent Growth With Coliforms
DUP	Sample Duplicate
LCS	Laboratory Control Spike (may also be appended with an abbreviation indicating spiking level)
MBLK	Preparation Method Blank
MDL	Laboratory Method Detection Limit
MS	Matrix Spike (may also be appended with an abbreviation indicating spiking level)
MSD	Matrix Spike Duplicate (may also be appended with an abbreviation indicating spiking level)
P	Present
PQL	Practical Quantitation Limit
QCS	Alternate source Calibration Verification Standard (may also be reported as analytical LCS in some
RL	Reporting Limit
RPD	Relative Percent Difference
SPK	Spike
TIC	Tentatively Identified Compound
TNTC	Too Numerous To Count

The following notes may apply to analytical results within this report:

Residue (solids) analysis may employ a single, heated drying process of at least 12 hours duration in lieu of employing short, repeated drying cycles, which represents a deviation from the methodology.

Because the EPA-recommended holding time for pH, residual chlorine, chloramines and chlorine dioxide is 15 minutes from time of collection, these analyses are routinely performed outside of their EPA-recommended holding time when performed in the laboratory.

Analytical results for ammonia analysis, or calculated analytical results depending on ammonia analysis, do not include a sample distillation procedure. A study comparing distilled versus non-distilled analytical results has been performed to document the validity of the analysis without prior distillation, and represents equivalent results for the represented project matrices.

Since N-nitrosodiphenylamine decomposes in the GC inlet and cannot be chromatographically resolved from diphenylamine, these compounds are reported as a single analyte in the report.

Since m-cresol and p-cresol cannot be chromatographically resolved, these compounds are reported as a single analyte in the report.

The following certifications may apply to analytical results within this report:

Alabama	DEM	41320
Arizona	DHS	AZ0640
Colorado	DPHE	FL NELAC Reciprocity
Connecticut	DPH	PH-0216
Florida	DOH	E83079
Georgia	DNR	955
Kentucky	DEP	90050
Maine	LCP	2006032
Massachusetts	DEP	M-FL020
Michigan	DEQ	9911
Mississippi	DOH	FL NELAC Reciprocity
Nevada	EP	ELAB FL-00020
New Hampshire	DES	295805
New Jersey	DEP	FL765
New York	DOH	11608
Pennsylvania	DEP	68-00547
Puerto Rico	DOH	FL 00020
South Carolina	DHEC	96027001
Tennessee	DOH	02974
Texas	CEQ	T104704184-05-TX

PAS, Inc. 8 East Tower Cr., Ormond Beach, FL 32174-87

Case Narrative

CLIENT: Sarasota County
Project: Central County Wells 10-20 MW10R
Lab Order: F08100926

I. SAMPLE RECEIVING ACTIVITY

The samples were received and processed by the Sample Custody section of the laboratory. There were no significant logistics or quality problems unless noted below. Analysis performed by Benchmark, E84167, are identified on the COC and included in the report.

II. DATA

The samples were analyzed according to the laboratory's Standard Operating Procedures for the methodologies requested. There were no significant logistics or quality problems unless noted below or in the text of the report. The data were reported in a Parameter Monitoring Report format for Groundwater consistent with FAC 62-520.400,.420, .460. Toluene detected in trip blank but not in samples.

III. QUALITY CONTROL

There were no significant quality control problems unless noted below or in the text of the report. The MS/MSD data outside accepted recovery limits were due to sample matrix effects of the selected batch QC sample, however, the associated LCS data were within guidance criteria for the method.

Trace amounts of TDS were detected at levels between the RL and the MDL in the associated Method Blank, however, the levels detected were insignificant when compared to the levels detected in the sample associated with this batch.

PAS, Inc. 8 East Tower Cr., Ormond Beach, FL 32174-87 **Date:** *07-Nov-08*

Analytical Report

CLIENT:	Sarasota County	**Client Sample ID:**	Trip Blank
Lab Order:	F08100926	**Collection Date:**	10/20/2008
Project:	Central County Wells 10-20 MW10R	**Sample Description:**	Field Blank
Lab ID:	F08100926-002	**Matrix:**	Groundwater

Analyses	Result	Qual	MDL	PQL	Units	DF	Date Analyzed	Batch ID
8260: VOLATILE ORGANIC COMPOUNDS		SW8260	PrepDate:	10/31/2008 10:00:00			Analyst: ALA	
Acetone	5.0	U	5.0	10	µg/L	1	10/31/08 18:46	56922
Acrylonitrile	5.0	U	5.0	10	µg/L	1	10/31/08 18:46	56922
Benzene	0.50	U	0.50	1.0	µg/L	1	10/31/08 18:46	56922
Bromochloromethane	0.50	U	0.50	1.0	µg/L	1	10/31/08 18:46	56922
Bromodichloromethane	0.30	U	0.30	0.60	µg/L	1	10/31/08 18:46	56922
Bromoform	0.50	U	0.50	1.0	µg/L	1	10/31/08 18:46	56922
Bromomethane	0.50	U	0.50	1.0	µg/L	1	10/31/08 18:46	56922
2-Butanone	5.0	U	5.0	10	µg/L	1	10/31/08 18:46	56922
Carbon disulfide	0.50	U	0.50	1.0	µg/L	1	10/31/08 18:46	56922
Carbon tetrachloride	0.50	U	0.50	1.0	µg/L	1	10/31/08 18:46	56922
Chlorobenzene	0.50	U	0.50	1.0	µg/L	1	10/31/08 18:46	56922
Chloroethane	0.61	U	0.61	1.0	µg/L	1	10/31/08 18:46	56922
Chloroform	0.50	U	0.50	1.0	µg/L	1	10/31/08 18:46	56922
Chloromethane	0.50	U	0.50	1.0	µg/L	1	10/31/08 18:46	56922
Dibromochloromethane	0.25	U	0.25	0.50	µg/L	1	10/31/08 18:46	56922
Dibromomethane	0.50	U	0.50	1.0	µg/L	1	10/31/08 18:46	56922
trans-1,4-Dichloro-2-butene	5.0	U	5.0	10	µg/L	1	10/31/08 18:46	56922
1,2-Dichlorobenzene	0.51	U	0.51	1.0	µg/L	1	10/31/08 18:46	56922
1,4-Dichlorobenzene	0.50	U	0.50	1.0	µg/L	1	10/31/08 18:46	56922
1,1-Dichloroethane	0.50	U	0.50	1.0	µg/L	1	10/31/08 18:46	56922
1,2-Dichloroethane	0.50	U	0.50	1.0	µg/L	1	10/31/08 18:46	56922
1,1-Dichloroethene	0.50	U	0.50	1.0	µg/L	1	10/31/08 18:46	56922
cis-1,2-Dichloroethene	0.50	U	0.50	1.0	µg/L	1	10/31/08 18:46	56922
trans-1,2-Dichloroethene	0.52	U	0.52	1.0	µg/L	1	10/31/08 18:46	56922
1,2-Dichloropropane	0.50	U	0.50	1.0	µg/L	1	10/31/08 18:46	56922
cis-1,3-Dichloropropene	0.25	U	0.25	0.50	µg/L	1	10/31/08 18:46	56922
trans-1,3-Dichloropropene	0.25	U	0.25	0.50	µg/L	1	10/31/08 18:46	56922
Ethylbenzene	0.50	U	0.50	1.0	µg/L	1	10/31/08 18:46	56922
2-Hexanone	5.0	U	5.0	10	µg/L	1	10/31/08 18:46	56922
Iodomethane	0.50	U	0.50	1.0	µg/L	1	10/31/08 18:46	56922
4-Methyl-2-pentanone	5.0	U	5.0	10	µg/L	1	10/31/08 18:46	56922
Methylene chloride	2.5	U	2.5	5.0	µg/L	1	10/31/08 18:46	56922
Styrene	0.50	U	0.50	1.0	µg/L	1	10/31/08 18:46	56922
1,1,1,2-Tetrachloroethane	0.50	U	0.50	1.0	µg/L	1	10/31/08 18:46	56922
1,1,2,2-Tetrachloroethane	0.17	U	0.17	0.50	µg/L	1	10/31/08 18:46	56922
Tetrachloroethene	0.50	U	0.50	1.0	µg/L	1	10/31/08 18:46	56922

Data Qualifier Code Key:				
	I	Analyte detected below quantitation limits	U	Not Detected Above the MDL
	V	Analyte detected in the associated Method Blank	x	Value exceeds Maximum Contaminant Level

PAS, Inc. 8 East Tower Cr., Ormond Beach, FL 32174-87 **Date:** 07-Nov-08

Analytical Report

CLIENT:	Sarasota County	**Client Sample ID:**	Trip Blank
Lab Order:	F08100926	**Collection Date:**	10/20/2008
Project:	Central County Wells 10-20 MW10R	**Sample Description:**	Field Blank
Lab ID:	F08100926-002	**Matrix:**	Groundwater

Analyses	Result	Qual	MDL	PQL	Units	DF	Date Analyzed	Batch ID
8260: VOLATILE ORGANIC COMPOUNDS		**SW8260**	PrepDate:	**10/31/2008 10:00:00**			Analyst: **ALA**	
Toluene	1.6		0.50	1.0	µg/L	1	10/31/08 18:46	56922
1,1,1-Trichloroethane	0.50	U	0.50	1.0	µg/L	1	10/31/08 18:46	56922
1,1,2-Trichloroethane	0.50	U	0.50	1.0	µg/L	1	10/31/08 18:46	56922
Trichloroethene	0.50	U	0.50	1.0	µg/L	1	10/31/08 18:46	56922
Trichlorofluoromethane	0.66	U	0.66	1.0	µg/L	1	10/31/08 18:46	56922
1,2,3-Trichloropropane	0.30	U	0.30	0.50	µg/L	1	10/31/08 18:46	56922
Vinyl acetate	1.0	U	1.0	2.0	µg/L	1	10/31/08 18:46	56922
Vinyl chloride	0.53	U	0.53	1.0	µg/L	1	10/31/08 18:46	56922
Xylenes, Total	1.0	U	1.0	3.0	µg/L	1	10/31/08 18:46	56922
Surr: 4-Bromofluorobenzene	95.6		0	70-114	%REC	1	10/31/08 18:46	56922
Surr: Dibromofluoromethane	95.2		0	88-117	%REC	1	10/31/08 18:46	56922
Surr: 1,2-Dichloroethane-d4	97.6		0	86-125	%REC	1	10/31/08 18:46	56922
Surr: Toluene-d8	98.6		0	87-113	%REC	1	10/31/08 18:46	56922

Data Qualifier Code Key:

I	Analyte detected below quantitation limits	U	Not Detected Above the MDL
V	Analyte detected in the associated Method Blank	x	Value exceeds Maximum Contaminant Level

PAS, Inc. Date: 07-Nov-08

CLIENT: Sarasota County
Work Order: F08100926
Project: Central County Wells 10-20 MW10R

ANALYTICAL QC SUMMARY REPORT

TestCode: 8011_W

Sample ID MB-56692 SampType: MBLK TestCode: 8011_W Units: µg/L Prep Date: 10/24/2008 RunNo: 72968
Client ID: MB-56692 Batch ID: 56692 TestNo: SW8011 SW8011 Analysis Date: 10/25/2008 SeqNo: 2187115

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
1,2-Dibromo-3-chloropropane	0.0049	U	0.0049								
Ethylene Dibromide	0.0062	U	0.0062								

Sample ID LCS-56692 SampType: LCS TestCode: 8011_W Units: µg/L Prep Date: 10/24/2008 RunNo: 72968
Client ID: LCS-56692 Batch ID: 56692 TestNo: SW8011 SW8011 Analysis Date: 10/25/2008 SeqNo: 2187116

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
1,2-Dibromo-3-chloropropane	0.23		0.0049	0.25	0	90.4	60	140			
Ethylene Dibromide	0.21		0.0062	0.25	0	85.6	60	140			

Sample ID LCSD-56692 SampType: LCSD TestCode: 8011_W Units: µg/L Prep Date: 10/24/2008 RunNo: 72968
Client ID: LCSD-56692 Batch ID: 56692 TestNo: SW8011 SW8011 Analysis Date: 10/25/2008 SeqNo: 2187117

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
1,2-Dibromo-3-chloropropane	0.23		0.0049	0.25	0	93.6	60	140	0.23	3.48	40
Ethylene Dibromide	0.22		0.0062	0.25	0	90.0	60	140	0.21	5.01	40

Sample ID F08100934-003BMS SampType: MS TestCode: 8011_W Units: µg/L Prep Date: 10/24/2008 RunNo: 72968
Batch ID: 56692 TestNo: SW8011 SW8011 Analysis Date: 10/25/2008 SeqNo: 2187143

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
1,2-Dibromo-3-chloropropane	0.48		0.0085	0.44	0	109	60	140			
Ethylene Dibromide	0.49		0.011	0.44	0	112	60	140			

Data Qualifier Code Key:
- I Analyte detected below quantitation limits
- R RPD outside accepted recovery limits
- U Not Detected Above the MDL
- Q Holding times for preparation or analysis exceeded
- S Spike Recovery outside accepted recovery limits

CLIENT: Sarasota County
Work Order: F08100926
Project: Central County Wells 10-20 MW10R

ANALYTICAL QC SUMMARY REPORT

TestCode: 8011_W

Sample ID	F08100934-003BMSD	SampType:	MSD	TestCode:	8011_W	Units:	µg/L	Prep Date:	10/24/2008	RunNo:	72968
		Batch ID:	56692	TestNo:	SW8011		SW8011	Analysis Date:	10/25/2008	SeqNo:	2187144

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
1,2-Dibromo-3-chloropropane	0.49		0.0086	0.44	0	111	60	140	0.48	2.31	40
Ethylene Dibromide	0.49		0.011	0.44	0	111	60	140	0.49	0.218	40

Data Qualifier Code Key:
- J Analyte detected below quantitation limits
- R RPD outside accepted recovery limits
- U Not Detected Above the MDL
- Q Holding times for preparation or analysis exceeded
- S Spike Recovery outside accepted recovery limits

PAS, Inc. Date: 07-Nov-08

CLIENT: Sarasota County
Work Order: F08100926
Project: Central County Wells 10-20 MW10R

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_W

Sample ID MB-56922 SampType: MBLK TestCode: 8260_W Units: µg/L Prep Date: 10/30/2008 RunNo: 73176
Client ID: MB-56922 Batch ID: 56922 TestNo: SW8260 SW5030A Analysis Date: 10/31/2008 SeqNo: 2195380

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Acetone	5.0	U	5.0								
Acrylonitrile	5.0	U	5.0								
Benzene	0.50	U	0.50								
Bromochloromethane	0.50	U	0.50								
Bromodichloromethane	0.30	U	0.30								
Bromoform	0.50	U	0.50								
Bromomethane	0.50	U	0.50								
2-Butanone	5.0	U	5.0								
Carbon disulfide	0.50	U	0.50								
Carbon tetrachloride	0.50	U	0.50								
Chlorobenzene	0.50	U	0.50								
Chloroethane	0.61	U	0.61								
Chloroform	0.50	U	0.50								
Chloromethane	0.50	U	0.50								
Dibromochloromethane	0.25	U	0.25								
Dibromomethane	0.50	U	0.50								
trans-1,4-Dichloro-2-butene	5.0	U	5.0								
1,2-Dichlorobenzene	0.51	U	0.51								
1,4-Dichlorobenzene	0.50	U	0.50								
1,1-Dichloroethane	0.50	U	0.50								
1,2-Dichloroethane	0.50	U	0.50								
1,1-Dichloroethene	0.50	U	0.50								
cis-1,2-Dichloroethene	0.50	U	0.50								
trans-1,2-Dichloroethene	0.52	U	0.52								
1,2-Dichloropropane	0.50	U	0.50								
cis-1,3-Dichloropropene	0.25	U	0.25								
trans-1,3-Dichloropropene	0.25	U	0.25								

Data Qualifier Code Key:
- I Analyte detected below quantitation limits
- R RPD outside accepted recovery limits
- U Not Detected Above the MDL
- Q Holding times for preparation or analysis exceeded
- S Spike Recovery outside accepted recovery limits

PAS, Inc. Date: 07-Nov-08

CLIENT: Sarasota County
Work Order: F08100926
Project: Central County Wells 10-20 MW10R

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_W

Sample ID	MB-56922	SampType:	MBLK	TestCode:	8260_W	Units:	µg/L	Prep Date:	10/30/2008	RunNo:	73176
Client ID:	MB-56922	Batch ID:	56922	TestNo:	SW8260		SW5030A	Analysis Date:	10/31/2008	SeqNo:	2195380

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Ethylbenzene	0.50	U	0.50								
2-Hexanone	5.0	U	5.0								
Iodomethane	0.50	U	0.50								
4-Methyl-2-pentanone	5.0	U	5.0								
Methylene chloride	2.5	U	2.5								
Styrene	0.50	U	0.50								
1,1,1,2-Tetrachloroethane	0.50	U	0.50								
1,1,2,2-Tetrachloroethane	0.17	U	0.17								
Tetrachloroethene	0.50	U	0.50								
Toluene	0.50	U	0.50								
1,1,1-Trichloroethane	0.50	U	0.50								
1,1,2-Trichloroethane	0.50	U	0.50								
Trichloroethene	0.50	U	0.50								
Trichlorofluoromethane	0.66	U	0.66								
1,2,3-Trichloropropane	0.30	U	0.30								
Vinyl acetate	1.0	U	1.0								
Vinyl chloride	0.53	U	0.53								
Xylenes, Total	1.0	U	1.0								
Surr: 4-Bromofluorobenzene	37		0	40	0	92.4	70	114			
Surr: Dibromofluoromethane	38		0	40	0	95.8	88	117			
Surr: 1,2-Dichloroethane-d4	40		0	40	0	100	86	125			
Surr: Toluene-d8	39		0	40	0	98.6	87	113			

Sample ID	LCS-56922	SampType:	LCS	TestCode:	8260_W	Units:	µg/L	Prep Date:	10/30/2008	RunNo:	73176
Client ID:	LCS-56922	Batch ID:	56922	TestNo:	SW8260		SW5030A	Analysis Date:	10/31/2008	SeqNo:	2195382

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit

Data Qualifier Code Key:

J	Analyte detected below quantitation limits	Q	Holding times for preparation or analysis exceeded
R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits
U	Not Detected Above the MDL		

PAS, Inc.

Date: 07-Nov-08

CLIENT: Sarasota County
Work Order: F08100926
Project: Central County Wells 10-20 MW10R

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_W

Sample ID **LCS-56922** SampType: **LCS** TestCode: **8260_W** Units: **µg/L** Prep Date: **10/30/2008** RunNo: **73176**
Client ID: **LCS-56922** Batch ID: **56922** TestNo: **SW8260** **SW5030A** Analysis Date: **10/31/2008** SeqNo: **2195382**

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Chloroform	19		0.50	20	0	94.5	61	146			
1,1-Dichloroethene	18		0.50	20	0	91.2	68	150			
1,2-Dichloropropane	19		0.50	20	0	94.8	71	140			
Ethylbenzene	22		0.50	20	0	112	79	140			
Toluene	19		0.50	20	0	97.2	69	140			
Vinyl chloride	19		0.53	20	0	93.5	62	140			
Surr: 4-Bromofluorobenzene	42		0	40	0	104	70	114			
Surr: Dibromofluoromethane	39		0	40	0	98.4	88	117			
Surr: 1,2-Dichloroethane-d4	40		0	40	0	99.0	86	125			
Surr: Toluene-d8	39		0	40	0	97.3	87	113			

Sample ID **F08100926-001AMS** SampType: **MS** TestCode: **8260_W** Units: **µg/L** Prep Date: **10/31/2008** RunNo: **73176**
Client ID: **10-20-08 CCMW10R** Batch ID: **56922** TestNo: **SW8260** **SW5030A** Analysis Date: **10/31/2008** SeqNo: **2195386**

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Chloroform	19		0.50	20	0	93.5	61	146			
1,1-Dichloroethene	18		0.50	20	0	90.4	68	150			
1,2-Dichloropropane	18		0.50	20	0	91.6	71	140			
Ethylbenzene	21		0.50	20	0	107	79	140			
Toluene	19		0.50	20	0	93.2	69	140			
Vinyl chloride	18		0.53	20	0	92.1	62	140			
Surr: 4-Bromofluorobenzene	42		0	40	0	105	70	114			
Surr: Dibromofluoromethane	39		0	40	0	98.1	88	117			
Surr: 1,2-Dichloroethane-d4	40		0	40	0	101	86	125			
Surr: Toluene-d8	39		0	40	0	97.6	87	113			

Data Qualifier Code Key:
- I Analyte detected below quantitation limits
- R RPD outside accepted recovery limits
- U Not Detected Above the MDL
- Q Holding times for preparation or analysis exceeded
- S Spike Recovery outside accepted recovery limits

PAS, Inc. Date: 07-Nov-08

CLIENT: Sarasota County
Work Order: F08100926
Project: Central County Wells 10-20 MW10R

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_W

Sample ID F08100926-001AMSD SampType: MSD TestCode: 8260_W Units: µg/L Prep Date: 10/31/2008 RunNo: 73176

Client ID: 10-20-08 CCMW10R Batch ID: 56922 TestNo: SW8260 SW5030A Analysis Date: 10/31/2008 SeqNo: 2195388

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Chloroform	19		0.50	20	0	95.4	61	146	19	2.01	40
1,1-Dichloroethene	18		0.50	20	0	92.0	68	150	18	1.81	40
1,2-Dichloropropane	19		0.50	20	0	93.0	71	140	18	1.57	40
Ethylbenzene	22		0.50	20	0	112	79	140	21	4.42	40
Toluene	20		0.50	20	0	98.0	69	140	19	5.02	40
Vinyl chloride	20		0.53	20	0	100	62	140	18	8.47	40
Surr: 4-Bromofluorobenzene	42		0	40	0	104	70	114	42	0	0
Surr: Dibromofluoromethane	40		0	40	0	99.2	88	117	39	0	0
Surr: 1,2-Dichloroethane-d4	40		0	40	0	101	86	125	40	0	0
Surr: Toluene-d8	39		0	40	0	96.9	87	113	39	0	0

Data Qualifier Code Key:

- I Analyte detected below quantitation limits
- R RPD outside accepted recovery limits
- U Not Detected Above the MDL
- O Holding times for preparation or analysis exceeded
- S Spike Recovery outside accepted recovery limits

PAS, Inc.

Date: 07-Nov-08

CLIENT: Sarasota County
Work Order: F08100926
Project: Central County Wells 10-20 MW10R

ANALYTICAL QC SUMMARY REPORT

TestCode: AA-HG7470_W

Sample ID MB-56667 SampType: MBLK TestCode: AA-HG7470_ Units: µg/L Prep Date 10/24/2008 RunNo: 72963
Client ID MB-56667 Batch ID: 56667 TestNo: SW7470 SW7470 Analysis Date: 10/27/2008 SeqNo: 2188159

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Mercury	0.020	U	0.020								

Sample ID LCS-56667 SampType: LCS TestCode: AA-HG7470_ Units: µg/L Prep Date 10/24/2008 RunNo: 72963
Client ID LCS-56667 Batch ID: 56667 TestNo: SW7470 SW7470 Analysis Date: 10/27/2008 SeqNo: 2188160

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Mercury	2.2		0.020	2.0	0	111	80	120			

Sample ID F08100941-003AMS SampType: MS TestCode: AA-HG7470_ Units: µg/L Prep Date 10/24/2008 RunNo: 72963
Batch ID: 56667 TestNo: SW7470 SW7470 Analysis Date: 10/27/2008 SeqNo: 2188179

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Mercury	2.2		0.020	2.0	0	109	85	115			

Sample ID F08100941-012AMS SampType: MS TestCode: AA-HG7470_ Units: µg/L Prep Date 10/24/2008 RunNo: 72963
Batch ID: 56667 TestNo: SW7470 SW7470 Analysis Date: 10/27/2008 SeqNo: 2188193

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Mercury	2.2		0.020	2.0	0.025	107	85	115			

Sample ID F08100941-003AMSD SampType: MSD TestCode: AA-HG7470_ Units: µg/L Prep Date 10/24/2008 RunNo: 72963
Batch ID: 56667 TestNo: SW7470 SW7470 Analysis Date: 10/27/2008 SeqNo: 2188181

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Mercury	2.1		0.020	2.0	0	107	85	115	2.2	1.76	20

Data Qualifier Code Key:
- J Analyte detected below quantitation limits
- R RPD outside accepted recovery limits
- U Not Detected Above the MDL
- Q Holding times for preparation or analysis exceeded
- S Spike Recovery outside accepted recovery limits

PAS, Inc. Date: 07-Nov-08

CLIENT: Sarasota County
Work Order: F08100926
Project: Central County Wells 10-20 MW10R

ANALYTICAL QC SUMMARY REPORT

TestCode: AA-HG7470_W

Sample ID F08100941-012AMSD SampType: MSD TestCode: AA-HG7470_ Units: µg/L Prep Date: 10/24/2008 RunNo: 72963
Batch ID: 56667 TestNo: SW7470 SW7470 Analysis Date: 10/27/2008 SeqNo: 2188194

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Mercury	2.2		0.020	2.0	0.025	108	85	115	2.2	0.434	20

Data Qualifier Code Key:
- I Analyte detected below quantitation limits
- R RPD outside accepted recovery limits
- U Not Detected Above the MDL
- Q Holding times for preparation or analysis exceeded
- S Spike Recovery outside accepted recovery limits

PAS, Inc. Date: 07-Nov-08

CLIENT: Sarasota County
Work Order: F08100926
Project: Central County Wells 10-20 MW10R

ANALYTICAL QC SUMMARY REPORT

TestCode: ALKALINITY

Sample ID: CCB-1 SampType: ABLK TestCode: ALKALINITY Units: mg/L Prep Date: RunNo: 72999
Client ID: CCB-1 Batch ID: R72999 TestNo: SM2320 B Analysis Date: 10/27/2008 SeqNo: 2188353

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Alkalinity, Bicarbonate (As CaCO3)	5.0	U	5.0								
Alkalinity, Carbonate (As CaCO3)	5.0	U	5.0								
Alkalinity, Total (As CaCO3)	5.0	U	5.0								

Sample ID: QCS SampType: QCS TestCode: ALKALINITY Units: mg/L Prep Date: RunNo: 72999
Client ID: QCS Batch ID: R72999 TestNo: SM2320 B Analysis Date: 10/27/2008 SeqNo: 2188355

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Alkalinity, Total (As CaCO3)	250		5.0	250	0	101	90	110			

Sample ID: F08100896-001LMS SampType: MS TestCode: ALKALINITY Units: mg/L Prep Date: RunNo: 72999
Batch ID: R72999 TestNo: SM2320 B Analysis Date: 10/27/2008 SeqNo: 2188361

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Alkalinity, Total (As CaCO3)	100		5.0	100	0	103	90	110			

Sample ID: F08100929-003HMS SampType: MS TestCode: ALKALINITY Units: mg/L Prep Date: RunNo: 72999
Batch ID: R72999 TestNo: SM2320 B Analysis Date: 10/27/2008 SeqNo: 2188399

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Alkalinity, Total (As CaCO3)	99		5.0	100	0	99.3	90	110			

Sample ID: F08100896-001LDUP SampType: DUP TestCode: ALKALINITY Units: mg/L Prep Date: RunNo: 72999
Batch ID: R72999 TestNo: SM2320 B Analysis Date: 10/27/2008 SeqNo: 2188359

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit

Data Qualifier Code Key:
- J Analyte detected below quantitation limits
- R RPD outside accepted recovery limits
- U Not Detected Above the MDL
- Q Holding times for preparation or analysis exceeded
- S Spike Recovery outside accepted recovery limits

CLIENT:	Sarasota County
Work Order:	F08100926
Project:	Central County Wells 10-20 MW10R

ANALYTICAL QC SUMMARY REPORT

TestCode: ALKALINITY

Sample ID F08100896-001LDUP SampType: DUP TestCode: ALKALINITY Units: mg/L Prep Date. RunNo: 72999
Batch ID: R72999 TestNo: SM2320 B Analysis Date: 10/27/2008 SeqNo: 2188359

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Alkalinity, Bicarbonate (As CaCO3)	5.0	U	5.0						5.0 U	0	20
Alkalinity, Carbonate (As CaCO3)	5.0	U	5.0						5.0 U	0	20
Alkalinity, Total (As CaCO3)	5.0	U	5.0						5.0 U	0	20

Sample ID F08100929-003HDUP SampType: DUP TestCode: ALKALINITY Units: mg/L Prep Date RunNo. 72999
Batch ID: R72999 TestNo. SM2320 B Analysis Date: 10/27/2008 SeqNo. 2188397

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Alkalinity, Bicarbonate (As CaCO3)	5.0	U	5.0						5.0 U	0	20
Alkalinity, Carbonate (As CaCO3)	5.0	U	5.0						5.0 U	0	20
Alkalinity, Total (As CaCO3)	5.0	U	5.0						5.0 U	0	20

Data Qualifier Code Key:

- J Analyte detected below quantitation limits
- R RPD outside accepted recovery limits
- U Not Detected Above the MDL
- Q Holding times for preparation or analysis exceeded
- S Spike Recovery outside accepted recovery limits

PAS, Inc. Date: 07-Nov-08

CLIENT: Sarasota County
Work Order: F08100926
Project: Central County Wells 10-20 MW10R

ANALYTICAL QC SUMMARY REPORT

TestCode: IC300_W

Sample ID: MB | SampType: MBLK | TestCode: IC300_W | Units: mg/L | Prep Date: | RunNo: 72907
Client ID: MB | Batch ID: R72907C | TestNo: E300.0 | Analysis Date: 10/24/2008 | SeqNo: 2184573

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Chloride	0.021	U	0.021								
Sulfate	0.055	U	0.055								

Sample ID: LCS | SampType: LCS | TestCode: IC300_W | Units: mg/L | Prep Date | RunNo: 72907
Client ID: LCS | Batch ID: R72907C | TestNo: E300.0 | Analysis Date: 10/24/2008 | SeqNo: 2184576

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Chloride	5.1		0.021	5.0	0	102	90	110			
Sulfate	5.1		0.055	5.0	0	101	90	110			

Sample ID: F08100967-004AMS | SampType: MS | TestCode: IC300_W | Units: mg/L | Prep Date: | RunNo: 72907
Batch ID: R72907C | TestNo: E300.0 | Analysis Date: 10/24/2008 | SeqNo: 2184584

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Chloride	47		0.021	10	37	92.6	90	110			
Sulfate	40		0.055	10	31	92.3	90	110			

Sample ID: F08100926-001EMS | SampType: MS | TestCode: IC300_W | Units: mg/L | Prep Date | RunNo: 72907
Client ID: 10-20-08 CCMW10R | Batch ID: R72907C | TestNo: E300.0 | Analysis Date: 10/24/2008 | SeqNo: 2184593

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Chloride	130		0.11	50	82	98.1	90	110			
Sulfate	47		0.28	50	0	94.1	90	110			

Data Qualifier Code Key:
- I Analyte detected below quantitation limits
- R RPD outside accepted recovery limits
- U Not Detected Above the MDL
- Q Holding times for preparation or analysis exceeded
- S Spike Recovery outside accepted recovery limits

CLIENT: Sarasota County
Work Order: F08100926
Project: Central County Wells 10-20 MW10R

ANALYTICAL QC SUMMARY REPORT

TestCode: IC300_W

Sample ID: F08100967-004AMSD SampType: MSD TestCode: IC300_W Units: mg/L Prep Date: RunNo: 72907
Batch ID: R72907C TestNo: E300.0 Analysis Date: 10/24/2008 SeqNo: 2184585

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Chloride	47		0.021	10	37	92.8	90	110	47	0.0446	20
Sulfate	40		0.055	10	31	92.1	90	110	40	0.0416	20

Sample ID: F08100926-001EMSD SampType: MSD TestCode: IC300_W Units: mg/L Prep Date: RunNo: 72907
Client ID: 10-20-08 CCMW10R Batch ID: R72907C TestNo: E300.0 Analysis Date: 10/24/2008 SeqNo: 2184594

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Chloride	130		0.11	50	82	95.6	90	110	130	0.967	20
Sulfate	47		0.28	50	0	94.0	90	110	47	0.142	20

Data Qualifier Code Key:
- I Analyte detected below quantitation limits
- R RPD outside accepted recovery limits
- U Not Detected Above the MDL
- Q Holding times for preparation or analysis exceeded
- S Spike Recovery outside accepted recovery limits

PAS, Inc.

Date: 07-Nov-08

CLIENT: Sarasota County
Work Order: F08100926
Project: Central County Wells 10-20 MW10R

ANALYTICAL QC SUMMARY REPORT

TestCode: ICP-6010_W

Sample ID MB-56666 SampType: MBLK TestCode: ICP-6010_W Units: µg/L Prep Date: 10/23/2008 RunNo: 72883
Client ID: MB-56666 Batch ID: 56666 TestNo: SW6010 SW3005A Analysis Date: 10/24/2008 SeqNo: 2185048

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Arsenic	5.0	U	5.0								
Barium	5.0	U	5.0								
Beryllium	0.50	U	0.50								
Cadmium	0.50	U	0.50								
Calcium	250	U	250								
Chromium	2.5	U	2.5								
Cobalt	5.0	U	5.0								
Copper	2.5	U	2.5								
Iron	20	U	20								
Lead	5.0	U	5.0								
Magnesium	250	U	250								
Nickel	2.5	U	2.5								
Potassium	250	U	250								
Selenium	7.5	U	7.5								
Silver	2.5	U	2.5								
Sodium	500	U	500								
Vanadium	5.0	U	5.0								
Zinc	10	U	10								

Sample ID LCS-56666 SampType: LCS TestCode: ICP-6010_W Units: µg/L Prep Date: 10/23/2008 RunNo: 72883
Client ID: LCS-56666 Batch ID: 56666 TestNo: SW6010 SW3005A Analysis Date: 10/24/2008 SeqNo: 2185049

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Arsenic	270		5.0	250	0	107	80	120			
Barium	270		5.0	250	0	109	80	120			
Beryllium	27		0.50	25	0	108	80	120			
Cadmium	27		0.50	25	0	109	80	120			

Data Qualifier Code Key:
I Analyte detected below quantitation limits
R RPD outside accepted recovery limits
U Not Detected Above the MDL
Q Holding times for preparation or analysis exceeded
S Spike Recovery outside accepted recovery limits

PAS, Inc.

Date: 07-Nov-08

CLIENT: Sarasota County
Work Order: F08100926
Project: Central County Wells 10-20 MW10R

ANALYTICAL QC SUMMARY REPORT

TestCode: ICP-6010_W

Sample ID LCS-56666 SampType: LCS TestCode: ICP-6010_W Units: µg/L Prep Date: 10/23/2008 RunNo: 72883
Client ID LCS-56666 Batch ID: 56666 TestNo: SW6010 SW3005A Analysis Date: 10/24/2008 SeqNo: 2185049

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Calcium	14000		250	12000	0	109	80	120			
Chromium	280		2.5	250	0	111	80	120			
Cobalt	280		5.0	250	0	111	80	120			
Copper	270		2.5	250	0	107	80	120			
Iron	2800		20	2500	0	110	80	120			
Lead	270		5.0	250	0	110	80	120			
Magnesium	14000		250	12000	0	108	80	120			
Nickel	270		2.5	250	0	110	80	120			
Potassium	13000		250	12000	0	101	80	120			
Selenium	270		7.5	250	0	107	80	120			
Silver	28		2.5	25	0	112	80	120			
Sodium	14000		500	12000	0	109	80	120			
Vanadium	270		5.0	250	0	109	80	120			
Zinc	1300		10	1200	0	106	80	120			

Sample ID F08100928-002AMS SampType: MS TestCode: ICP-6010_W Units: µg/L Prep Date: 10/23/2008 RunNo: 72883
Batch ID: 56666 TestNo: SW6010 SW3005A Analysis Date: 10/24/2008 SeqNo: 2185081

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Arsenic	280		5.0	250	11	107	75	125			
Barium	400		5.0	250	140	103	75	125			
Beryllium	26		0.50	25	0	102	75	125			
Cadmium	26		0.50	25	0	106	75	125			
Calcium	300000		250	12000	290000	80.0	75	125			
Chromium	260		2.5	250	0	106	75	125			
Cobalt	270		5.0	250	5.9	104	75	125			
Copper	270		2.5	250	0	108	75	125			

Data Qualifier Code Key:
I Analyte detected below quantitation limits
R RPD outside accepted recovery limits
U Not Detected Above the MDL
Q Holding times for preparation or analysis exceeded
S Spike Recovery outside accepted recovery limits

CLIENT:	Sarasota County
Work Order:	F08100926
Project:	Central County Wells 10-20 MW10R

ANALYTICAL QC SUMMARY REPORT

TestCode: ICP-6010_W

Sample ID F08100928-002AMS SampType: MS TestCode: ICP-6010_W Units: µg/L Prep Date: 10/23/2008 RunNo 72883
Batch ID: 56666 TestNo. SW6010 SW3005A Analysis Date: 10/24/2008 SeqNo: 2185081

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Iron	16000		20	2500	14000	96.0	75	125			
Lead	270		5.0	250	0	106	75	125			
Magnesium	62000		250	12000	50000	102	75	125			
Nickel	260		2.5	250	0	106	75	125			
Potassium	38000		250	12000	25000	105	75	125			
Selenium	270		7.5	250	0	106	75	125			
Silver	28		2.5	25	0	112	75	125			
Sodium	68000		500	12000	56000	100	75	125			
Vanadium	270		5.0	250	0	108	75	125			
Zinc	1300		10	1200	0	105	75	125			

Sample ID F08100928-002AMSD SampType: MSD TestCode: ICP-6010_W Units: µg/L Prep Date: 10/23/2008 RunNo: 72883
Batch ID: 56666 TestNo: SW6010 SW3005A Analysis Date: 10/24/2008 SeqNo: 2185084

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Arsenic	280		5.0	250	11	107	75	125	5.0 U	0.359	20
Barium	400		5.0	250	140	103	75	125	5.0 U	0.249	20
Beryllium	25		0.50	25	0	102	75	125	26	0.393	20
Cadmium	26		0.50	25	0	106	75	125	26	0	20
Calcium	300000		250	12000	290000	88.0	75	125	300000	0.334	20
Chromium	260		2.5	250	0	105	75	125	260	0.758	20
Cobalt	270		5.0	250	5.9	104	75	125	5.0 U	0.375	20
Copper	270		2.5	250	0	108	75	125	270	0.371	20
Iron	16000		20	2500	14000	100	75	125	20 U	0.619	20
Lead	260		5.0	250	0	105	75	125	5.0 U	1.52	20
Magnesium	63000		250	12000	50000	104	75	125	62000	0.320	20
Nickel	260		2.5	250	0	105	75	125	260	0.758	20

Data Qualifier Code Key:

I	Analyte detected below quantitation limits	Q	Holding times for preparation or analysis exceeded
R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits
U	Not Detected Above the MDL		

PAS, Inc. Date: 07-Nov-08

CLIENT: Sarasota County
Work Order: F08100926
Project: Central County Wells 10-20 MW10R

ANALYTICAL QC SUMMARY REPORT

TestCode: ICP-6010_W

Sample ID F08100928-002AMSD SampType: MSD TestCode: ICP-6010_W Units: µg/L Prep Date 10/23/2008 RunNo: 72883
Batch ID: 56666 TestNo SW6010 SW3005A Analysis Date: 10/24/2008 SeqNo: 2185084

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Potassium	38000		250	12000	25000	107	75	125	38000	0.788	20
Selenium	260		7.5	250	0	104	75	125	7.5 U	2.28	20
Silver	28		2.5	25	0	113	75	125	28	1.07	20
Sodium	69000		500	12000	56000	105	75	125	68000	0.876	20
Vanadium	270		5.0	250	0	107	75	125	5.0 U	0.372	20
Zinc	1300		10	1200	0	104	75	125	1300	0.766	20

Data Qualifier Code Key:
- I Analyte detected below quantitation limits
- R RPD outside accepted recovery limits
- U Not Detected Above the MDL
- Q Holding times for preparation or analysis exceeded
- S Spike Recovery outside accepted recovery limits

PAS, Inc. Date: 07-Nov-08

CLIENT: Sarasota County
Work Order: F08100926
Project: Central County Wells 10-20 MW10R

ANALYTICAL QC SUMMARY REPORT

TestCode: ICP-6020_W

Sample ID MB-56666 SampType: MBLK TestCode: ICP-6020_W Units: µg/L Prep Date: 10/23/2008 RunNo: 72942
Client ID: MB-56666 Batch ID: 56666 TestNo: SW6020 SW3005A Analysis Date: 10/27/2008 SeqNo: 2187928

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Antimony	0.50	U	0.50								
Thallium	0.50	U	0.50								

Sample ID LCS-56666 SampType: LCS TestCode: ICP-6020_W Units: µg/L Prep Date: 10/23/2008 RunNo: 72942
Client ID: LCS-56666 Batch ID: 56666 TestNo: SW6020 SW3005A Analysis Date: 10/27/2008 SeqNo: 2187929

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Antimony	51		0.50	50	0	102	85	115			
Thallium	51		0.50	50	0	103	85	115			

Sample ID F08100928-001AMS SampType: MS TestCode: ICP-6020_W Units: µg/L Prep Date: 10/23/2008 RunNo: 72942
Batch ID: 56666 TestNo: SW6020 SW3005A Analysis Date: 10/28/2008 SeqNo: 2187935

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Antimony	51		0.50	50	0	102	85	115			
Thallium	53		0.50	50	0	106	85	115			

Sample ID F08100928-001AMSD SampType: MSD TestCode: ICP-6020_W Units: µg/L Prep Date: 10/23/2008 RunNo: 72942
Batch ID: 56666 TestNo: SW6020 SW3005A Analysis Date: 10/28/2008 SeqNo: 2187936

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Antimony	52		0.50	50	0	104	85	115	51	2.17	20
Thallium	53		0.50	50	0	107	85	115	53	0.775	20

Data Qualifier Code Key:
- J Analyte detected below quantitation limits
- R RPD outside accepted recovery limits
- U Not Detected Above the MDL
- Q Holding times for preparation or analysis exceeded
- S Spike Recovery outside accepted recovery limits

PAS, Inc. Date: 07-Nov-08

CLIENT: Sarasota County
Work Order: F08100926
Project: Central County Wells 10-20 MW10R

ANALYTICAL QC SUMMARY REPORT

TestCode: N-NH3_W

Sample ID: QCS | SampType: QCS | TestCode: N-NH3_W | Units: mg/L | Prep Date: | RunNo: 72904
Client ID: QCS | Batch ID: R72904 | TestNo: E350.1 | Analysis Date: 10/24/2008 | SeqNo: 2186415

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Nitrogen, Ammonia (As N)	6.5		0.020	6.6	0	98.9	90	110			

Sample ID: CCB | SampType: ABLK | TestCode: N-NH3_W | Units: mg/L | Prep Date | RunNo: 72904
Client ID: CCB | Batch ID: R72904 | TestNo: E350.1 | Analysis Date: 10/24/2008 | SeqNo: 2186416

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Nitrogen, Ammonia (As N)	0.020	U	0.020								

Sample ID: MB-R72904B | SampType: MBLK | TestCode: N-NH3_W | Units: mg/L | Prep Date: | RunNo: 72904
Client ID: MB-R72904B | Batch ID: R72904B | TestNo: E350.1 | Analysis Date: 10/24/2008 | SeqNo: 2186551

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Nitrogen, Ammonia (As N)	0.020	U	0.020								

Sample ID: LCS-R72904B | SampType: LCS | TestCode: N-NH3_W | Units: mg/L | Prep Date: | RunNo: 72904
Client ID: LCS-R72904B | Batch ID: R72904B | TestNo: E350.1 | Analysis Date: 10/24/2008 | SeqNo: 2186552

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Nitrogen, Ammonia (As N)	0.98		0.020	1.0	0	97.7	90	110			

Sample ID: F08100926-001DMS | SampType: MS | TestCode: N-NH3_W | Units: mg/L | Prep Date: | RunNo: 72904
Client ID: 10-20-08 CCMW10R | Batch ID: R72904B | TestNo: E350.1 | Analysis Date: 10/24/2008 | SeqNo: 2186572

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Nitrogen, Ammonia (As N)	7.9	S	0.020	1.0	6.4	**156**	90	110			

Data Qualifier Code Key:

- J Analyte detected below quantitation limits
- R RPD outside accepted recovery limits
- U Not Detected Above the MDL
- Q Holding times for preparation or analysis exceeded
- S Spike Recovery outside accepted recovery limits

PAS, Inc. Date: 07-Nov-08

CLIENT: Sarasota County
Work Order: F08100926
Project: Central County Wells 10-20 MW10R

ANALYTICAL QC SUMMARY REPORT

TestCode: N-NH3_W

Sample ID F08100926-001DDUP SampType: DUP TestCode: N-NH3 W Units: mg/L Prep Date: RunNo: 72904
Client ID: 10-20-08 CCMW10R Batch ID: R72904B TestNo: E350.1 Analysis Date: 10/24/2008 SeqNo: 2186571

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Nitrogen, Ammonia (As N)	6.4		0.020						6.4	0.360	20

Data Qualifier Code Key:	J	Analyte detected below quantitation limits	Q	Holding times for preparation or analysis exceeded
	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits
	U	Not Detected Above the MDL		

PAS, Inc. Date: 07-Nov-08

CLIENT: Sarasota County
Work Order: F08100926
Project: Central County Wells 10-20 MW10R

ANALYTICAL QC SUMMARY REPORT

TestCode: SOLIDS-TDS

Sample ID: MB-56647 | SampType: MBLK | TestCode: SOLIDS-TDS | Units: mg/L | Prep Date: 10/23/2008 | RunNo: 72868
Client ID: MB-56647 | Batch ID: 56647 | TestNo: SM2540 C | SM2540 C | Analysis Date: 10/23/2008 | SeqNo: 2190749

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Solids, Total Dissolved	35		5.0								

Sample ID: LCS-56647 | SampType: LCS | TestCode: SOLIDS-TDS | Units: mg/L | Prep Date: 10/23/2008 | RunNo: 72868
Client ID: LCS-56647 | Batch ID: 56647 | TestNo: SM2540 C | SM2540 C | Analysis Date: 10/23/2008 | SeqNo: 2190750

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Solids, Total Dissolved	310		5.0	300	35	91.7	90	110			

Sample ID: F08100924-001KDUP | SampType: DUP | TestCode: SOLIDS-TDS | Units: mg/L | Prep Date: 10/23/2008 | RunNo: 72868
Batch ID: 56647 | TestNo: SM2540 C | SM2540 C | Analysis Date: 10/23/2008 | SeqNo: 2190752

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Solids, Total Dissolved	1800	x	5.0						5.0 U	0	20

Sample ID: F08100941-001CDUP | SampType: DUP | TestCode: SOLIDS-TDS | Units: mg/L | Prep Date: 10/23/2008 | RunNo: 72868
Batch ID: 56647 | TestNo: SM2540 C | SM2540 C | Analysis Date: 10/23/2008 | SeqNo: 2190774

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Solids, Total Dissolved	22	R	5.0						5.0 U	31.6	20

Data Qualifier Code Key:
- J Analyte detected below quantitation limits
- R RPD outside accepted recovery limits
- U Not Detected Above the MDL
- O Holding times for preparation or analysis exceeded
- S Spike Recovery outside accepted recovery limits

November 04, 2008

Mr. Cesar Rodriguez
Sarasota County
1301 Cattleman Road
Resource Management
Bldg. E
Sarasota, FL 34232

NOV 2008
Resource
Management
Division

RE: Central County Wells 10/20 CW Order No.: F08100928

Dear Mr. Cesar Rodriguez:

PAS, Inc. received 2 samples on 10/22/2008 for the analyses presented in the following report. Analyses are performed with method-required calibration and QA/QC samples, whenever applicable. Method performance, which is based on the calibration and QA/QC data, establishes the validity and certainty of the reported sample results. These data are provided along with the sample results.

Thank you for this opportunity to let Pace Analytical Services, Inc. (Florida) be of service to you. If you have any questions regarding this report, please feel free to call me at (386) 672-5668, extension 304.

Sincerely,

Project Manager
PAS, Inc.
P.O. Box 468
Ormond Beach, FL 32175-0468

THIS DOCUMENT MEETS NELAC
STANDARDS NELAC Certification #E83079

The following acronyms may be utilized within this report:

%REC	Percent Recovery
A	Absent
ABLK	Analytical Method Blank
CG	Confluent Growth
CGB	Confluent Growth Without Coliforms
CGC	Confluent Growth With Coliforms
DUP	Sample Duplicate
LCS	Laboratory Control Spike (may also be appended with an abbreviation indicating spiking level)
MBLK	Preparation Method Blank
MDL	Laboratory Method Detection Limit
MS	Matrix Spike (may also be appended with an abbreviation indicating spiking level)
MSD	Matrix Spike Duplicate (may also be appended with an abbreviation indicating spiking level)
P	Present
PQL	Practical Quantitation Limit
QCS	Alternate source Calibration Verification Standard (may also be reported as analytical LCS in some
RL	Reporting Limit
RPD	Relative Percent Difference
SPK	Spike
TIC	Tentatively Identified Compound
TNTC	Too Numerous To Count

The following notes may apply to analytical results within this report:

Residue (solids) analysis may employ a single, heated drying process of at least 12 hours duration in lieu of employing short, repeated drying cycles, which represents a deviation from the methodology.

Because the EPA-recommended holding time for pH, residual chlorine, chloramines and chlorine dioxide is 15 minutes from time of collection, these analyses are routinely performed outside of their EPA-recommended holding time when performed in the laboratory.

Analytical results for ammonia analysis, or calculated analytical results depending on ammonia analysis, do not include a sample distillation procedure. A study comparing distilled versus non-distilled analytical results has been performed to document the validity of the analysis without prior distillation, and represents equivalent results for the represented project matrices.

Since N-nitrosodiphenylamine decomposes in the GC inlet and cannot be chromatographically resolved from diphenylamine, these compounds are reported as a single analyte in the report.

Since m-cresol and p-cresol cannot be chromatographically resolved, these compounds are reported as a single analyte in the report.

The following certifications may apply to analytical results within this report:

Alabama	DEM	41320
Arizona	DHS	AZ0640
Colorado	DPHE	FL NELAC Reciprocity
Connecticut	DPH	PH-0216
Florida	DOH	E83079
Georgia	DNR	955
Kentucky	DEP	90050
Maine	LCP	2006032
Massachusetts	DEP	M-FL020
Michigan	DEQ	9911
Mississippi	DOH	FL NELAC Reciprocity
Nevada	EP	ELAB FL-00020
New Hampshire	DES	295805
New Jersey	DEP	FL765
New York	DOH	11608
Pennsylvania	DEP	68-00547
Puerto Rico	DOH	FL 00020
South Carolina	DHEC	96027001
Tennessee	DOH	02974
Texas	CEQ	T104704184-05-TX

PAS, Inc. 8 East Tower Cr., Ormond Beach, FL 32174-87

Case Narrative

CLIENT: Sarasota County
Project: Central County Wells 10/20 CW
Lab Order: F08100928

I. SAMPLE RECEIVING ACTIVITY

The samples were received and processed by the Sample Custody section of the laboratory. There were no significant logistics or quality problems unless noted below. Analysis performed by Benchmark, E84167, are identified on the COC and included in the report.

II. DATA

The samples were analyzed according to the laboratory's Standard Operating Procedures for the methodologies requested. There were no significant logistics or quality problems unless noted below or in the text of the report. The data were reported in a Parameter Monitoring Report format for Groundwater consistent with FAC 62-520.400,.420, .460.

III. QUALITY CONTROL

There were no significant quality control problems unless noted below or in the text of the report. The MS/MSD data outside accepted recovery limits were due to sample matrix effects of the selected batch QC sample, however, the associated LCS data were within guidance criteria for the method.

Trace amounts of TDS were detected at levels between the RL and the MDL in the associated Method Blank, however, the levels detected were insignificant when compared to the levels detected in the samples associated with this batch.

PAS, Inc.

Date: 04-Nov-08

CLIENT: Sarasota County
Work Order: F08100928
Project: Central County Wells 10/20 CW

ANALYTICAL QC SUMMARY REPORT

TestCode: IC300_W

Sample ID **MB** SampType: **MBLK** TestCode: **IC300_W** Units: **mg/L** Prep Date: RunNo: **72907**
Client ID: **MB** Batch ID: **R72907C** TestNo: **E300.0** Analysis Date: **10/24/2008** SeqNo: **2184573**

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Chloride	0.021	U	0.021								
Sulfate	0.055	U	0.055								

Sample ID **LCS** SampType: **LCS** TestCode: **IC300_W** Units: **mg/L** Prep Date: RunNo: **72907**
Client ID: **LCS** Batch ID: **R72907C** TestNo: **E300.0** Analysis Date: **10/24/2008** SeqNo: **2184576**

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Chloride	5.1		0.021	5.0	0	102	90	110			
Sulfate	5.1		0.055	5.0	0	101	90	110			

Sample ID **F08100967-004AMS** SampType: **MS** TestCode: **IC300_W** Units: **mg/L** Prep Date: RunNo: **72907**
Batch ID: **R72907C** TestNo: **E300.0** Analysis Date: **10/24/2008** SeqNo: **2184584**

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Chloride	47		0.021	10	37	92.6	90	110			
Sulfate	40		0.055	10	31	92.3	90	110			

Sample ID **F08100926-001EMS** SampType: **MS** TestCode: **IC300_W** Units: **mg/L** Prep Date: RunNo: **72907**
Batch ID: **R72907C** TestNo: **E300.0** Analysis Date: **10/24/2008** SeqNo: **2184593**

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Chloride	130		0.11	50	82	98.1	90	110			
Sulfate	47		0.28	50	0	94.1	90	110			

Data Qualifier Code Key:
- I Analyte detected below quantitation limits
- R RPD outside accepted recovery limits
- U Not Detected Above the MDL
- Q Holding times for preparation or analysis exceeded
- S Spike Recovery outside accepted recovery limits

CLIENT: Sarasota County
Work Order: F08100928
Project: Central County Wells 10/20 CW

ANALYTICAL QC SUMMARY REPORT

TestCode: IC300_W

Sample ID F08100967-004AMSD SampType: MSD TestCode: IC300_W Units: mg/L Prep Date: RunNo: 72907
Batch ID: R72907C TestNo: E300.0 Analysis Date: 10/24/2008 SeqNo: 2184585

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Chloride	47		0.021	10	37	92.8	90	110	47	0.0446	20
Sulfate	40		0.055	10	31	92.1	90	110	40	0.0416	20

Sample ID F08100926-001EMSD SampType: MSD TestCode: IC300_W Units: mg/L Prep Date: RunNo: 72907
Batch ID: R72907C TestNo: E300.0 Analysis Date: 10/24/2008 SeqNo: 2184594

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Chloride	130		0.11	50	82	95.6	90	110	130	0.967	20
Sulfate	47		0.28	50	0	94.0	90	110	47	0.142	20

Sample ID MB SampType: MBLK TestCode: IC300_W Units: mg/L Prep Date: RunNo: 72969
Client ID: MB Batch ID: R72969A TestNo: E300.0 Analysis Date: 10/24/2008 SeqNo: 2186938

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Chloride	0.021	U	0.021								
Sulfate	0.055	U	0.055								

Sample ID LCS SampType: LCS TestCode: IC300_W Units: mg/L Prep Date: RunNo: 72969
Client ID: LCS Batch ID: R72969A TestNo: E300.0 Analysis Date: 10/24/2008 SeqNo: 2186939

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Chloride	5.2		0.021	5.0	0	104	90	110			
Sulfate	5.2		0.055	5.0	0	104	90	110			

Data Qualifier Code Key:
- I Analyte detected below quantitation limits
- R RPD outside accepted recovery limits
- U Not Detected Above the MDL
- Q Holding times for preparation or analysis exceeded
- S Spike Recovery outside accepted recovery limits

PAS, Inc. Date: 04-Nov-08

CLIENT: Sarasota County
Work Order: F08100928
Project: Central County Wells 10/20 CW

ANALYTICAL QC SUMMARY REPORT

TestCode: IC300_W

Sample ID F08101042-006GMS SampType: MS TestCode: IC300_W Units: mg/L Prep Date: RunNo: 72969
Batch ID: R72969A TestNo: E300.0 Analysis Date: 10/24/2008 SeqNo: 2186941

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Chloride	35		0.021	10	26	90.9	90	110			
Sulfate	E 181.1 mg/L	S	0.055	10	170	69.4	90	110			

Sample ID F08100999-001JMS SampType: MS TestCode: IC300_W Units: mg/L Prep Date: RunNo: 72969
Batch ID: R72969A TestNo: E300.0 Analysis Date: 10/24/2008 SeqNo: 2186960

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Chloride	18		0.021	10	9.1	92.7	90	110			
Sulfate	12		0.055	10	3.0	90.2	90	110			

Sample ID F08101042-006GMSD SampType: MSD TestCode: IC300_W Units: mg/L Prep Date: RunNo: 72969
Batch ID: R72969A TestNo: E300.0 Analysis Date: 10/24/2008 SeqNo: 2186942

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Chloride	35	S	0.021	10	26	88.8	90	110	35	0.595	20
Sulfate	E 180.7 mg/L	S	0.055	10	170	65.4	90	110	180	0.221	20

Sample ID F08100999-001JMSD SampType: MSD TestCode: IC300_W Units: mg/L Prep Date: RunNo: 72969
Batch ID: R72969A TestNo: E300.0 Analysis Date: 10/24/2008 SeqNo: 2186961

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Chloride	18		0.021	10	9.1	92.1	90	110	18	0.321	20
Sulfate	12		0.055	10	3.0	90.2	90	110	12	0.0306	20

Data Qualifier Code Key:
- I Analyte detected below quantitation limits
- R RPD outside accepted recovery limits
- U Not Detected Above the MDL
- Q Holding times for preparation or analysis exceeded
- S Spike Recovery outside accepted recovery limits

PAS, Inc.

Date: *04-Nov-08*

CLIENT: Sarasota County
Work Order: F08100928
Project: Central County Wells 10/20 CW

ANALYTICAL QC SUMMARY REPORT

TestCode: ICP-6010_W

Sample ID	MB-56666	SampType:	MBLK	TestCode:	ICP-6010_W	Units:	µg/L	Prep Date:	10/23/2008	RunNo:	72883
Client ID:	MB-56666	Batch ID:	56666	TestNo:	SW6010		SW3005A	Analysis Date:	10/24/2008	SeqNo:	2185048

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Arsenic	5.0	U	5.0								
Iron	20	U	20								
Sodium	500	U	500								

Sample ID	LCS-56666	SampType:	LCS	TestCode:	ICP-6010_W	Units:	µg/L	Prep Date:	10/23/2008	RunNo:	72883
Client ID:	LCS-56666	Batch ID:	56666	TestNo:	SW6010		SW3005A	Analysis Date:	10/24/2008	SeqNo:	2185049

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Arsenic	270		5.0	250	0	107	80	120			
Iron	2800		20	2500	0	110	80	120			
Sodium	14000		500	12000	0	109	80	120			

Sample ID	F08100928-002AMS	SampType:	MS	TestCode:	ICP-6010_W	Units:	µg/L	Prep Date:	10/23/2008	RunNo:	72883
Client ID:	102008 CW10R MS	Batch ID:	56666	TestNo:	SW6010		SW3005A	Analysis Date:	10/24/2008	SeqNo:	2185081

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Arsenic	280		5.0	250	11	107	75	125			
Iron	16000		20	2500	14000	96.0	75	125			
Sodium	68000		500	12000	56000	100	75	125			

Sample ID	F08100928-002AMSD	SampType:	MSD	TestCode:	ICP-6010_W	Units:	µg/L	Prep Date:	10/23/2008	RunNo:	72883
Client ID:	102008 CW10R MS	Batch ID:	56666	TestNo:	SW6010		SW3005A	Analysis Date:	10/24/2008	SeqNo:	2185084

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Arsenic	280		5.0	250	11	107	75	125	5.0 U	0.359	20
Iron	16000		20	2500	14000	100	75	125	20 U	0.619	20

Data Qualifier Code Key:
- J Analyte detected below quantitation limits
- R RPD outside accepted recovery limits
- U Not Detected Above the MDL
- Q Holding times for preparation or analysis exceeded
- S Spike Recovery outside accepted recovery limits

CLIENT: Sarasota County
Work Order: F08100928
Project: Central County Wells 10/20 CW

ANALYTICAL QC SUMMARY REPORT

TestCode: ICP-6010_W

Sample ID: F08100928-002AMSD SampType: MSD TestCode: ICP-6010_W Units: µg/L Prep Date: 10/23/2008 RunNo: 72883
Client ID: 102008 CW10R MS Batch ID: 56666 TestNo: SW6010 SW3005A Analysis Date: 10/24/2008 SeqNo: 2185084

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Sodium	69000		500	12000	56000	105	75	125	68000	0.876	20

Data Qualifier Code Key:
- I Analyte detected below quantitation limits
- R RPD outside accepted recovery limits
- U Not Detected Above the MDL
- Q Holding times for preparation or analysis exceeded
- S Spike Recovery outside accepted recovery limits

CLIENT: Sarasota County
Work Order: F08100928
Project: Central County Wells 10/20 CW

ANALYTICAL QC SUMMARY REPORT

TestCode: ICP-6020_W

Sample ID MB-56666 SampType: MBLK TestCode: ICP-6020_W Units: µg/L Prep Date: 10/23/2008 RunNo: 72942
Client ID: MB-56666 Batch ID: 56666 TestNo: SW6020 SW3005A Analysis Date: 10/27/2008 SeqNo: 2187928

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Antimony	0.50	U	0.50								

Sample ID LCS-56666 SampType: LCS TestCode: ICP-6020_W Units: µg/L Prep Date: 10/23/2008 RunNo: 72942
Client ID: LCS-56666 Batch ID: 56666 TestNo: SW6020 SW3005A Analysis Date: 10/27/2008 SeqNo: 2187929

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Antimony	51		0.50	50	0	102	85	115			

Sample ID F08100928-001AMS SampType: MS TestCode: ICP-6020_W Units: µg/L Prep Date: 10/23/2008 RunNo: 72942
Client ID: 102008 CW9 MS Batch ID: 56666 TestNo: SW6020 SW3005A Analysis Date: 10/28/2008 SeqNo: 2187935

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Antimony	51		0.50	50	0	102	85	115			

Sample ID F08100928-001AMSD SampType: MSD TestCode: ICP-6020_W Units: µg/L Prep Date: 10/23/2008 RunNo: 72942
Client ID: 102008 CW9 MSD Batch ID: 56666 TestNo: SW6020 SW3005A Analysis Date: 10/28/2008 SeqNo: 2187936

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Antimony	52		0.50	50	0	104	85	115	51	2.17	20

Data Qualifier Code Key:
- J Analyte detected below quantitation limits
- R RPD outside accepted recovery limits
- U Not Detected Above the MDL
- O Holding times for preparation or analysis exceeded
- S Spike Recovery outside accepted recovery limits

PAS, Inc. Date: 04-Nov-08

CLIENT: Sarasota County
Work Order: F08100928
Project: Central County Wells 10/20 CW

ANALYTICAL QC SUMMARY REPORT

TestCode: N-NH3_W

Sample ID QCS | SampType: QCS | TestCode: N-NH3_W | Units: mg/L | Prep Date: | RunNo: 72904
Client ID: QCS | Batch ID: R72904 | TestNo: E350.1 | Analysis Date: 10/24/2008 | SeqNo: 2186415

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Nitrogen, Ammonia (As N)	6.5		0.020	6.6	0	98.9	90	110			

Sample ID CCB | SampType: ABLK | TestCode: N-NH3_W | Units: mg/L | Prep Date: | RunNo: 72904
Client ID: CCB | Batch ID: R72904 | TestNo: E350.1 | Analysis Date: 10/24/2008 | SeqNo: 2186416

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Nitrogen, Ammonia (As N)	0.020	U	0.020								

Sample ID MB-R72904B | SampType: MBLK | TestCode: N-NH3_W | Units: mg/L | Prep Date: | RunNo: 72904
Client ID: MB-R72904B | Batch ID: R72904B | TestNo: E350.1 | Analysis Date: 10/24/2008 | SeqNo: 2186551

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Nitrogen, Ammonia (As N)	0.020	U	0.020								

Sample ID LCS-R72904B | SampType: LCS | TestCode: N-NH3_W | Units: mg/L | Prep Date: | RunNo: 72904
Client ID: LCS-R72904B | Batch ID: R72904B | TestNo: E350.1 | Analysis Date: 10/24/2008 | SeqNo: 2186552

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Nitrogen, Ammonia (As N)	0.98		0.020	1.0	0	97.7	90	110			

Sample ID F08100926-001DMS | SampType: MS | TestCode: N-NH3_W | Units: mg/L | Prep Date: | RunNo: 72904
Batch ID: R72904B | TestNo: E350.1 | Analysis Date: 10/24/2008 | SeqNo: 2186572

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Nitrogen, Ammonia (As N)	7.9	S	0.020	1.0	6.4	**156**	90	110			

Data Qualifier Code Key:
- I Analyte detected below quantitation limits
- R RPD outside accepted recovery limits
- U Not Detected Above the MDL
- Q Holding times for preparation or analysis exceeded
- S Spike Recovery outside accepted recovery limits

PAS, Inc. Date: 04-Nov-08

CLIENT: Sarasota County
Work Order: F08100928
Project: Central County Wells 10/20 CW

ANALYTICAL QC SUMMARY REPORT

TestCode: SOLIDS-TDS

Sample ID MB-56647 SampType: MBLK TestCode: SOLIDS-TDS Units: mg/L Prep Date: 10/23/2008 RunNo: 72868
Client ID: MB-56647 Batch ID: 56647 TestNo: SM2540 C SM2540 C Analysis Date: 10/23/2008 SeqNo: 2190749

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Solids, Total Dissolved	35		5.0								

Sample ID LCS-56647 SampType: LCS TestCode: SOLIDS-TDS Units: mg/L Prep Date: 10/23/2008 RunNo: 72868
Client ID: LCS-56647 Batch ID: 56647 TestNo: SM2540 C SM2540 C Analysis Date: 10/23/2008 SeqNo: 2190750

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Solids, Total Dissolved	310		5.0	300	35	91.7	90	110			

Sample ID F08100924-001KDUP SampType: DUP TestCode: SOLIDS-TDS Units: mg/L Prep Date: 10/23/2008 RunNo: 72868
Batch ID: 56647 TestNo: SM2540 C SM2540 C Analysis Date: 10/23/2008 SeqNo: 2190752

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Solids, Total Dissolved	1800	x	5.0						5.0 U	0	20

Sample ID F08100941-001CDUP SampType: DUP TestCode: SOLIDS-TDS Units: mg/L Prep Date: 10/23/2008 RunNo: 72868
Batch ID: 56647 TestNo: SM2540 C SM2540 C Analysis Date: 10/23/2008 SeqNo: 2190774

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Solids, Total Dissolved	22	R	5.0						5.0 U	31.6	20

Data Qualifier Code Key:
- I Analyte detected below quantitation limits
- R RPD outside accepted recovery limits
- U Not Detected Above the MDL
- Q Holding times for preparation or analysis exceeded
- S Spike Recovery outside accepted recovery limits

Elab, Inc.
8 East Tower Circle
Ormond Beach, FL 32174
(386)672-5668 ● FAX (386)673-4001
(INSTRUCTIONS ON BACK OF THIS FORM)

CHAIN OF CUSTODY RECORD

No. E

Page 1 of 1

FOR LAB USE ONLY
Temp. of Contents: 0.2 °C (or Received on Ice, ROI)
Condition of Contents:
Condition of Seals:

FOR LAB USE ONLY
Submission No. F08100772

1. Client: (Company or Individual) Sarasota County Environmental Services
Address: 1301 Cattlemen Rd. Bldg E
City: Sarasota State: Fl. Zip Code: 34232
Phone: (941)650-9834
Fax: (941)861-6665

18. Report Type: [X] Routine [ ] With QC

2. Report to: (if different from above) Cesar Rodriguez
Address:
City: State: Zip Code:
Phone: ( )
Fax: ( )

19. Turnaround Time: [X] Standard [ ] Rush: / /

3. Client Project Name: Central County wells
4. Client Project No.:
No.: 838417
6. Custody Seal No.:
7. Sampled By: Terry Fowxorthy
8. Shipping Method: Ice

Water Sample Codes (for Item 13): DW = Drinking Water; GW = Ground Water; SW = Surface Water; PW = Processed Water; WW = Waste Water

Container Codes (for Item 16): V = VOA vial; G = glass; P = plastic; M = micro bag/cup; O = other

Preservative Codes (for Item 15): C = Cool Only; H = Hydrochloric Acid; M = Monochloroacetic Acid; N = Nitric Acid; OH = Sodium Hydroxide; S = Sulfuric Acid; T = Sodium Thiosulfate

14. / 15. Preservatives: H, C, N, S, C
16. Containers: V, V, P, P, P
17. Analyses: 8260 VOCs APP I; 8081 EDB App I; Metals App I Ca,Fe,Mg,Hg,K,Na; Nutrients App I; Miscellaneous Inorgs App I

Item	9. Sample ID or No.	10. Sample Description	11. Date	Time	Comp	Grab	13. Water (Codes)	Air	Soil	Sludge	Other	8260 VOCs APP I	8081 EDB App I	Metals App I Ca,Fe,Mg,Hg,K,Na	Nutrients App I	Miscellaneous Inorgs App I				20 REMARK	LAB USE ONLY LAB SAMPLE NO.
1	22883 101508	CW8A	10-15-08	10:16		X	gw					A,B,C	D,E	F	G	H				F:Metals App1	1
2	22884 ~~101508~~	~~CW9~~				X	gw					A,B,C	D,E	F	G	H				Ca,Fe,Mg,Hg,K,Na,Antimony	
3	22885	~~CW10R~~				X	gw					A,B,C	D,E	F	G	H				G:Nutrients Tot	
4	22886	~~CW11R~~				X	gw					A,B,C	D,E	F	G	H				Ammonia, Nitrate	
5																				Misc Inorg TDS,	
6																				Chloride, Sulfate, Bicar, Carb App 1	
7																					
8																				Bicarbonate; ~~[illegible]~~, NO3	
9																					
10																					

8100577

NO3, NO2, NOx

21.	RELINQUISHED BY	DATE	TIME	22. RECEIVED BY	DATE	TIME
1	Terry Fowxorthy	10-16-08	1330	Karen Pillsbury	10/16/08	9:15
2	Karen Pillsbury	10/16/08	0940	[illegible]	10/16/08	0940
3				[illegible]	10/17/08	0800
4	[illegible]	10/17/08	0900	[illegible]	10/17/08	1230

FOR LAB USE ONLY
Sampling Fee: ________ Hrs.
Equipment Rental Fee: ________
Profile No.:
Quote No.:

DISTRIBUTION: White with report; make copies as needed

Revised: 1/99

Elab, Inc.
8 East Tower Circle
Ormond Beach, FL 32174
(386)672-5668 • FAX (386)673-4001
(INSTRUCTIONS ON BACK OF THIS FORM)

CHAIN OF CUSTODY RECORD

No. E

FOR LAB USE ONLY
Temp. of Contents: 0.2 °C (or Received on Ice, RO1)
Condition of Contents: ____
Condition of Seals: ____

FOR LAB USE ONLY
Submission No. F0810772

1. Client: (Company or Individual) Sarasota County Environmental Services	Address: 1301 Cattlemen Rd. Bldg E / City Sarasota State Fl. Zip Code 34232	Phone: (941)650-9834 / Fax: (941)861-6665	18. Report Type: [X] Routine [ ] With QC
2. Report to: (if different from above) Cesar Rodriguez	Address: / City State Zip Code	Phone: ( ) / Fax: ( )	19. Turnaround Time: [X] Standard [ ] Rush: / /

3. Client Project Name: Central County wells
4. Client Project No.: No.: 838417
6. Custody Seal No.:
7. Sampled By: Terry Fowxorthy
8. Shipping Method: ice

Water Sample Codes (for Item 13)	Container Codes (for Item 16)
DW = Drinking Water	V = VOA vial
GW = Ground Water	G = glass
SW = Surface Water	P = plastic
PW = Processed Water	M = micro bag/cup
WW = Waste Water	O = other

Preservative Codes (for Item 15): C = Cool Only; H = Hydrochloric Acid; M = Monochloroacetic Acid; N = Nitric Acid; OH = Sodium Hydroxide; S = Sulfuric Acid; T = Sodium Thiosulfate

14. 15. Preservatives: H, C, N, S, C
16. Containers: V, V, P, P, P
17. Analyses: 8260 VOC's App I; 8081 EDB App I; Metals App I Ca,Fe,Mg,Hg,K,Na; Nutrients App I; Miscellaneous Inorgs App I

Item	9. Sample ID or No.	10. Sample Description	11. Date	Time	12. Comp.	Grab	13. Water (Codes)	Air	Soil	Sludge	Other	8260 VOC's App I	8081 EDB App I	Metals App I Ca,Fe,Mg,Hg,K,Na	Nutrients App I	Miscellaneous Inorgs App I				20. REMARK	LAB USE ONLY LAB SAMPLE NO. 8100510
1	20585 101508	CLMW1R	10-15-08	0906		X	gw					A,B,C	D,E	F	G	H				F:Metals App1	1 NO3, NO2, NOx
2	21455 101508	CLMW8A	10-15-08	1016		X	gw					A,B,C	D,E	F	G	H				Ca,Fe,Mg,Hg,K,Na,Antimony	2 NO3, NO2, NOx
3	4509 101508	CLMW9	101508	1246		X	gw					A,B,C	D,E	F	G	H				G:Nutrients: Tot	3 NO3, NO2, NOx
4	4510	CCMW10R				X	gw					A,B,C	D,E	F	G	H				Ammonia, Nitrate	
5	20588	CLMW11R				X	gw					A,B,C	D,E	F	G	H				Misc Inorg:TDS,	
6	20589	CLMW12R				X	gw					A,B,C	D,E	F	G	H				Chloride, Sulfate, Bicar, Carb App I	
7		DUP				X	gw					A,B,C	D,E	F	G	H					
8		EQ BLANK				X	gw					A,B,C	D,E	F	G	H				Benchmark: 10/08	
9																					
10																					

21.	RELINQUISHED BY	DATE	TIME	22. RECEIVED BY	DATE	TIME
1	Terry Fowxorthy	10-15-08	1330	Karen Pillsbury	10/16/08	9:15
2	Karen Pillsbury	10/16/08	0940	Amrak	10/16/08	0940
3				[illegible]	10/17/08	0920
4	[illegible]	10/17/08	0920	[illegible]	10/17/08	1235

FOR LAB USE ONLY
Sampling Fee: ________ Hrs
Equipment Rental Fee: ________
Profile No.: | Quote No.:

DISTRIBUTION: White with report; make copies as needed

Elab, Inc.
8 East Tower Circle
Ormond Beach, FL 32174
(386)672-5668 ● FAX (386)673-4001
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CHAIN OF CUSTODY RECORD

No. E

FOR LAB USE ONLY
Condition of Contents: ______
Temp. of Contents: ____°C (or Received on Ice, ROI)
Condition of Seals: ______

FOR LAB USE ONLY
Submission No. 1-0810092 6

1. Client: (Company or Individual) Sarasota County Environmental Services
Address: 1301 Cattlemen Rd. Bldg E
City Sarasota State Fl. Zip Code 34232
Phone: (941)650-9834
Fax: (941)861-6665

18. Report Type: [X] Routine [ ] With QC

2. Report to: (if different from above) Cesar Rodriguez
Address:
City State Zip Code
Phone: ( )
Fax: ( )

19. Turnaround Time: [X] Standard [ ] Rush : _/_/_

3. Client Project Name: Central County wells
4. Client Project No.:
No.: 838417
6. Custody Seal No.:
7. Sampled By: Terry Fowxorthy
8. Shipping Method: ice

Water Sample Codes (for Item 13)
DW = Drinking Water
GW = Ground Water
SW = Surface Water
PW = Processed Water
WW = Waste Water

Container Codes (for Item 16)
V = VOA vial
G = glass
P = plastic
M = micro bag/cup
O = other

Preservative Codes (for Item 15)
C = Cool Only
H = Hydrochloric Acid
M = Monochloroacetic Acid
N = Nitric Acid
OH = Sodium Hydroxide
S = Sulfuric Acid
T = Sodium Thiosulfate

14. 15. Preservatives: H | C | N | S | C
16. Containers: V | V | P | P | P
17.

Item	9. Sample ID or No.	10. Sample Description	11. Date	Time	12. Comp.	Grab	13. Water (Codes)	Air	Soil	Sludge	Other	8260 VOC's App I	8081 EDB App I	Metals App I Ca,Fe,Mg,Hg,K, Na	Nutrients App I	Miscellaneous Inorgs App I				20. REMARK	LAB USE ONLY LAB SAMPLE NO. 8100092 (010-200)
1	20585	CLMW1R				X	gw					A,B,C	D,E	F	G	H				F:Metals App1	
2	21455	CLMW8A				X	gw					A,B,C	D,E	F	G	H				Ca,Fe,Mg,Hg,K,Na,Antimony	
3	4509	CLMW9	~~[illegible]~~	~~[illegible]~~		X	gw					A,B,C	D,E	F	G	H				G:Nutrients: Tot	
4	4510	10-20-08 CCMW10R	10-20-08	1212		X	gw					A,B,C	D,E	F	G	H				Ammonia, Nitrate	3 NH3 NO3 NOx
5	20588	CLMW11R				X	gw					A,B,C	D,E	F	G	H				Misc Inorg:TDS,	
6	20589	CLMW12R				X	gw					A,B,C	D,E	F	G	H				Chloride, Sulfate, Bicar, Carb App 1	
7		DUP				X	gw					A,B,C	D,E	F	G	H					
8		EQ BLANK				X	gw					A,B,C	D,E	F	G	H				Benchmark: NO3	
9																					
10																					

21.	RELINQUISHED BY	DATE	TIME	22. RECEIVED BY	DATE	TIME
1	[signature]	10-20-08	1330	[signature]	10/20/08	13:30
2	[signature]	10-20-08	1435	W. Bryan Ver Cammen	10-20-08	1435
3	W. Bryan Ver Cammen	10-20-08	1510	[signature]	10/20/08	1510
4				30 [illegible]	10-22-08	0710

FOR LAB USE ONLY
Sampling Fee: ________ Hrs.
Equipment Rental Fee: ________
Profile No.:
Quote No.:

3ed [illegible]

DISTRIBUTION: White with report; make copies as needed

Revised: 1/99

Elab, Inc.
8 East Tower Circle
Ormond Beach, FL 32174
(386)672-5668 ● FAX (386)673-4001
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CHAIN OF CUSTODY RECORD

No. E

FOR LAB USE ONLY
Condition of Contents:
Temp. of Contents: ______°C (or Received on Ice, ROI)
Condition of Seals:

FOR LAB USE ONLY
Submission No. F08100928

1. Client: (Company or Individual) Sarasota County Environmental Services
Address: 1301 Cattlemen Rd. Bldg E
City Sarasota State Fl. Zip Code 34232
Phone: (941)650-9834
Fax: (941)861-6665

18. Report Type: [X] Routine [ ] With QC

2. Report to: (if different from above) Cesar Rodriguez
Address:
City State Zip Code
Phone: ( )
Fax: ( )

19. Turnaround Time: [X] Standard [ ] Rush : / /

3. Client Project Name: Central County wells
4. Client Project No.:
No.: 838417
6. Custody Seal No.:
7. Sampled By: Terry Fowxorthy
8. Shipping Method:

Water Sample Codes (for Item 13)
DW = Drinking Water
GW = Ground Water
SW = Surface Water
PW = Processed Water
WW = Waste Water

Container Codes (for Item 16)
V = VOA vial
G = glass
P = plastic
M = micro bag/cup
O = other

Preservative Codes (for Item 15)
C = Cool Only
H = Hydrochloric Acid
M = Monochloroacetic Acid
N = Nitric Acid
OH = Sodium Hydroxide
S = Sulfuric Acid
T = Sodium Thiosulfate

14. 15. Preservatives: H, C, N, S, C
16. Containers: V, V, P, P, P
17. Analyses: Metals Arsenic, Antimony, Iron Sodium; Nutrients Total Ammonia-N; Miscellaneous Inorgs. Chloride, Sulfate, TDS

Item	9. Sample ID or No.	10. Sample Description	11. Date	Time	12. Comp.	Grab	13. Water (Codes)	Air	Soil	Sludge	Other	Metals Arsenic, Antimony, Iron Sodium	Nutrients Total Ammonia-N	Miscellaneous Inorgs. Chloride, Sulfate, TDS					20. REMARK	LAB USE ONLY LAB SAMPLE NO. 8100611
1	~~22883~~	~~CW8A~~				X	gw													
2	22884 10/20/08	CW9	10/20	9:05		X	gw					A	B	C						1 NO2 NO3 NOx
3	22885 10/20/08	CW10R	10/20	10:25		X	gw					A	B	C						2 NO2 NO3 NOx
4	~~22886~~	~~CW11R~~				X	gw													
5																				
6																				
7																				
8																				
9																				
10																				

21.	RELINQUISHED BY	DATE	TIME	22. RECEIVED BY	DATE	TIME
1	T.F. per [signature]	10/20/08	13:30	[signature]	10/20/08	13:30
2	[signature]	10/20/08	14:35	Wayne [signature]	10-20-08	14:35
3	Wayne [signature]	10-20-08	1520	[signature]	10/20/08	1520
4				FX Bol 2009	10-22-08	0920

FOR LAB USE ONLY
Sampling Fee: __________ Hrs.
Equipment Rental Fee: ________
Profile No.:
Quote No.:

Bo: 2000

DISTRIBUTION: White with report; make copies as needed

Revised: 1/99

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CHAIN OF CUSTODY RECORD

No. E

FOR LAB USE ONLY
Condition of Contents:
Temp. of Contents: ______ °C (or Received on Ice, ROI)
Condition of Seals:

FOR LAB USE ONLY
Submission No. F08100950

1. Client: (Company or Individual) Sarasota County Environmental Services
Address: 1301 Cattlemen Rd. Bldg E
City: Sarasota State: Fl. Zip Code: 34232
Phone: (941)650-9834
Fax: (941)861-6665

18. Report Type: [X] Routine [ ] With QC

2. Report to: (if different from above) Cesar Rodriguez
Address:
City State Zip Code
Phone: ( )
Fax: ( )

19. Turnaround Time: [X] Standard [ ] Rush : / /

3. Client Project Name: Central County wells
4. Client Project No.: No.: 090095
6. Custody Seal No.:
7. Sampled By: Terry Fowxorthy
8. Shipping Method: ICE

Water Sample Codes (for Item 13)
DW = Drinking Water
GW = Ground Water
SW = Surface Water
PW = Processed Water
WW = Waste Water

Container Codes (for Item 16)
V = VOA vial
G = glass
P = plastic
M = micro bag/cup
O = other

Preservative Codes (for Item 15)
C = Cool Only
H = Hydrochloric Acid
M = Monochloroacetic Acid
N = Nitric Acid
OH = Sodium Hydroxide
S = Sulfuric Acid
T = Sodium Thiosulfate

14. 15. Preservatives: H, C, N, S, C
16. Containers: V, V, P, P, P
17. Analyses: 8260 VOC's App I; 8081 EDB App I; Metals App I Ca,Fe,Mg,Hg,K,Na; Nutrients App I; Miscellaneous Inorgs App I

Item	9. Sample ID or No.	10. Sample Description	11. Date	Time	12. Comp.	Grab	13. Water (Codes)	Air	Soil	Sludge	Other	8260 VOC's App I	8081 EDB App I	Metals App I Ca,Fe,Mg,Hg,K,Na	Nutrients App I	Miscellaneous Inorgs App I				20 REMARK	LAB USE ONLY LAB SAMPLE NO.
1	20585	CLMW1R				X	gw					A,B,C	D,E	F	G	H				F:Metals App1	8100645 6
2	21455	CLMW8A				X	gw					A,B,C	D,E	F	G	H				Ca,Fe,Mg,Hg,K,Na,Antimony	
3	4509	CLMW9				X	gw					A,B,C	D,E	F	G	H				G:Nutrients: Tot	
4	4510	CCMW10R				X	gw					A,B,C	D,E	F	G	H				Ammonia, Nitrate	
5	20588 102108	CLMW11R	102108	1101		X	gw					A,B,C	D,E	F	G	H				Misc Inorg:TDS,	1·NOx
6	20589 102108	CLMW12R	102108	1221		X	gw					A,B,C	D,E	F	G	H				Chloride, Sulfate, Bicar, Carb App I	
7	102108	DUP	10-21-08	—		X	gw					A,B,C	D,E	F	G	H					3 NOx
8		EQ BLANK		—		X	gw					A,B,C	D,E	F	G	H					
9																					
10																					

010-2108 NO3 NO2 NO3 NO2

21.	RELINQUISHED BY	DATE	TIME	22. RECEIVED BY	DATE	TIME
1	[signature]	10-21-08	1300	[signature]	10/21/08	1300
2	[signature]	10-21-08	1445	Wayne Va Emmen	10-21-08	1445
3	Wayne Va Emmen	10-21-08	1530	[signature]		
4	[signature]	10-22-08	0910	[signature]	10-22-08	0910

FOR LAB USE ONLY
Sampling Fee: __________ Hrs.
Equipment Rental Fee: __________
Profile No.:
Quote No.:

DISTRIBUTION: White with report; make copies as needed

Revised: 1/99

Elab, Inc.
8 East Tower Circle
Ormond Beach, FL 32174
(386)672-5668 • FAX (386)673-4001
(INSTRUCTIONS ON BACK OF THIS FORM)

CHAIN OF CUSTODY RECORD

No. E

FOR LAB USE ONLY
Temp. of Contents: 0.8 °C (or Received on Ice, ROI)
Condition of Contents:
Condition of Seals:

FOR LAB USE ONLY
Submission No. F0810093

1. Client: (Company or Individual) Sarasota County Environmental Services
Address: 1301 Cattlemen Rd. Bldg E
City Sarasota State Fl. Zip Code 34232
Phone: (941)650-9834
Fax: (941)861-6665

18. Report Type: [X] Routine [ ] With QC

2. Report to: (if different from above) Cesar Rodriguez
Address:
City State Zip Code
Phone: ( )
Fax: ( )

19. Turnaround Time: [X] Standard [ ] Rush: / /

3. Client Project Name: Central County wells
4. Client Project No.: No.: 0090095
6. Custody Seal No.:
7. Sampled By Terry Fowxorthy
8. Shipping Method: ice

Water Sample Codes (for Item 13)	Container Codes (for Item 16)
DW = Drinking Water	V = VOA vial
GW = Ground Water	G = glass
SW = Surface Water	P = plastic
PW = Processed Water	M = micro bag/cup
WW = Waste Water	O = other

14. 15. Preservatives: H, C, N, S, C
16. Containers: V, V, P, P, P
17. Metals Arsenic, Antimony, Iron Sodium; Nutrients Total Ammonia-N; Miscellaneous Inorgs. Chloride, Sulfate, TDS

Preservative Codes (for Item 15)
C = Cool Only
H = Hydrochloric Acid
M = Monochloroacetic Acid
N = Nitric Acid
OH = Sodium Hydroxide
S = Sulfuric Acid
T = Sodium Thiosulfate

Item	9. Sample ID or No.	10. Sample Description	11. Date	Time	12. Comp	Grab	13. Water (Codes)	Air	Soil	Sludge	Other	Metals Arsenic, Antimony, Iron Sodium	Nutrients Total Ammonia-N	Miscellaneous Inorgs. Chloride, Sulfate, TDS						20. REMARK	LAB USE ONLY LAB SAMPLE NO.
1	22883	CW8A				X	gw														8100645 6
2	22884	CW9				X	gw														
3	22885	CW10R				X	gw														
4	22886 10-21-08	CW11R	10-21-08	0941		X	gw														4 NOx
5																					
6																					
7																					
8																					
9																					
10																					

10-21-08
NO2

21.	RELINQUISHED BY	DATE	TIME	22. RECEIVED BY	DATE	TIME
1	[signature]	10-21-08	1300	[signature]	10/21/08	1300
2	[signature]	10-21-08	1445	[signature]	10-21-08	1445
3	[signature]	10-21-08	1530	[signature]	10-21-08	1530
4	[signature]	10-22-08	0910	[signature]	10-22-08	0910

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Sampling Fee: ____ Hrs.
Equipment Rental Fee: ____
Profile No.:
Quote No.:

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Revised: 1/99