

October 27, 2005

Mr. Jim Anderson
JLA Geosciences*
50 South US Highway 1
Suite 304
Jupiter, FL 33477

RE: 05-015/FPL-Turkey Point

Order No.: F05100642

Dear Mr. Jim Anderson:

ELAB, Inc. received 1 sample on 10/21/2005 11:35:00 AM 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 samples, establishes the validity and certainty of the reported sample results. This data is provided along with the sample results when requested.

Thank you for this opportunity to be of service. If you have any questions regarding this data, please feel free to call me at (386) 672-5668, extension 310.

Sincerely,

A handwritten signature in black ink, appearing to read 'Bo Garcia', with a large, looping flourish above the name.

Vincent "Bo" Garcia
Project Manager
ELAB, Inc.
8 E. Tower Circle
Ormond Beach, FL 32174

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
DUP	Sample Duplicate
LCS	Laboratory Control Spike (may also be appended with an abbreviation indicating spiking level)
MBLK	Preparation Method Blank
MDL	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 cases)
RL	Reporting Limit
RPD	Relative Percent Difference
SPK	Spike

Case Narrative

CLIENT: JLA Geosciences*
Project: 05-015/FPL-Turkey Point
Lab Order: F05100642

I. SAMPLE COLLECTION AND RECEIVING ACTIVITY

The samples arrived in good condition and were processed by sample control. Upon completion of the initial inspection, the samples were distributed within the laboratory for analysis.

II. DATA

The samples were prepped, analyzed and reported per project guidelines and specifications.

The pH result for this workorder was qualified as being analyzed past the 15 minute holding time due to the analysis being done in the laboratory.

III. QUALITY CONTROL

All the QC was within laboratory guidelines unless specified in the report.

SW 6010: The Method Blank for the batch contained a trace level of calcium between the MDL and RL. The sample was also positive for this; however, the values were significantly higher and would not have been impacted by the level in the blank.

Analytical Report

CLIENT:	JLA Geosciences*	Client Sample ID:	PW-3
Lab Order:	F05100642	Collection Date:	10/19/2005 5:30:00 PM
Project:	05-015/FPL-Turkey Point	Sample Description:	1110 Ft (Depth)
Lab ID:	F05100642-001	Matrix:	Groundwater

Analyses	Result	Qual	MDL	RL	Units	DF	Date Analyzed	Batch ID
FIELD PARAMETERS								
		FLD					PrepDate:	Analyst:
pH	7.8				S.U.		10/19/05 17:30	
Temperature	24.3				deg C		10/19/05 17:30	
ALKALINITY AS CaCO3								
		SM2320 B					PrepDate:	Analyst: MMA
Alkalinity, Phenolphthalein	0.16	U	0.16	5.0	mg/L	1	10/25/05 17:01	R41082
Alkalinity, Total (As CaCO3)	190		0.16	5.0	mg/L	1	10/25/05 17:01	R41082
ANIONS BY ION CHROMATOGRAPHY								
		E300.0					PrepDate:	Analyst: SSM
Chloride	770		0.36	5.0	mg/L	10	10/22/05 01:40	R41091-B
Sulfate	270		0.51	5.0	mg/L	10	10/22/05 01:40	R41091-B
CONDUCTANCE, SPECIFIC								
		E120.1					PrepDate:	Analyst: MMA
Conductance, Specific	3150		1.00	1.00	µmhos/cm	1	10/25/05	R41077
CORROSIVITY/LSI								
		SM2330 B					PrepDate:	Analyst: MS
Langelier Saturation Index	0.3		0		mg/L	1	10/26/05	R41113
PH								
		E150.1					PrepDate:	Analyst: KB
pH	7.72	Q	0.100	0.100	pH units	1	10/21/05 14:25	R41047
SILICA, REACTIVE								
		E370.1					PrepDate:	Analyst: SSM
Silica, Dissolved (as SiO2)	13		0.94	5.0	mg/L	5	10/21/05 13:32	R41036
SOLIDS, TOTAL DISSOLVED								
		E160.1					PrepDate: 10/21/2005	Analyst: MMA
Solids, Total Dissolved	1700		1.2	5.0	mg/L	1	10/21/05 11:16	31163
SOLIDS, TOTAL SUSPENDED								
		E160.2					PrepDate: 10/21/2005	Analyst: MMA
Solids, Suspended (Residue, Non-Filterable)	1.5	I	0.77	5.0	mg/L	1	10/21/05 13:53	31158
SULFIDE, HYDROGEN								
		E376.1					PrepDate:	Analyst: SSM
Sulfide	0.32	U	0.32	1.0	mg/L	1	10/25/05	R41099
ICP METALS								
		SW6010					PrepDate: 10/25/2005 10:17:00	Analyst: TPI
Calcium	63	V	0.087	0.50	mg/L	1	10/25/05 18:54	31178
Iron	0.059		0.0089	0.040	mg/L	1	10/25/05 18:54	31178
Magnesium	61		0.0050	0.50	mg/L	1	10/25/05 18:54	31178
Manganese	0.0011	I	0.00065	0.0050	mg/L	1	10/25/05 18:54	31178

Data Qualifier Code Key:

I	Analyte detected below quantitation limits
U	Not Detected Above the MDL

Q	Holding times for preparation or analysis exceeded
V	Analyte detected in the associated Method Blank

ANALYTICAL QC SUMMARY REPORT

CLIENT: JLA Geosciences*
 Work Order: F05100642
 Project: 05-015/FPL-Turkey Point

TestCode: ALKALINITY

Sample ID: CCB-1	SampType: ABLK	TestCode: ALKALINITY	Units: mg/L	Prep Date:	RunNo: 41082						
Client ID: CCB-1	Batch ID: R41082	TestNo: SM2320 B		Analysis Date: 10/25/2005	SeqNo: 972798						
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit

Alkalinity, Phenolphthalein 0.16 U 0.16
 Alkalinity, Total (As CaCO3) 0.16 U 0.16

Sample ID: QCS	SampType: QCS	TestCode: ALKALINITY	Units: mg/L	Prep Date:	RunNo: 41082						
Client ID: QCS	Batch ID: R41082	TestNo: SM2320 B		Analysis Date: 10/25/2005	SeqNo: 972800						
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit

Alkalinity, Total (As CaCO3) 250 0.16 0.16 250 0 99.7 90 110

Sample ID: F05100680-001MMS	SampType: MS	TestCode: ALKALINITY	Units: mg/L	Prep Date:	RunNo: 41082						
Batch ID: R41082		TestNo: SM2320 B		Analysis Date: 10/25/2005	SeqNo: 972812						
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit

Alkalinity, Total (As CaCO3) 160 0.16 0.16 100 61 99.7 90 110

Sample ID: F05100680-001MDUP	SampType: DUP	TestCode: ALKALINITY	Units: mg/L	Prep Date:	RunNo: 41082						
Batch ID: R41082		TestNo: SM2320 B		Analysis Date: 10/25/2005	SeqNo: 972811						
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit

Alkalinity, Phenolphthalein 0.16 U 0.16 0 0
 Alkalinity, Total (As CaCO3) 60 0.16 0.16 61 0.992 20 20

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

CLIENT: JLA Geosciences*
 Work Order: F05100642
 Project: 05-015/FPL-Turkey Point

ANALYTICAL QC SUMMARY REPORT

TestCode: COND120_W

Sample ID: MB-R41077	SampType: MBLK	TestCode: COND120_W	Units: μ mhos/cm	Prep Date:	RunNo: 41077				
Client ID: MB-R41077	Batch ID: R41077	TestNo: E120.1		Analysis Date: 10/25/2005	SeqNo: 972426				
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	HighLimit	RPD Ref Val	%RPD	RPDLimit
Conductance, Specific	1.00	U	1.00						

Sample ID: LCS-R41077	SampType: LCS	TestCode: COND120_W	Units: μ mhos/cm	Prep Date:	RunNo: 41077						
Client ID: LCS-R41077	Batch ID: R41077	TestNo: E120.1		Analysis Date: 10/25/2005	SeqNo: 972427						
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Conductance, Specific	1400		1.00	1410	0	99.1	95	105			

Sample ID: F05100627-001ADUP	SampType: DUP	TestCode: COND120_W	Units: μ mhos/cm	Prep Date:	RunNo: 41077						
Client ID: F05100627-001ADUP	Batch ID: R41077	TestNo: E120.1		Analysis Date: 10/25/2005	SeqNo: 972432						
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Conductance, Specific	410		1.00						410	0.0976	20

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

CLIENT: JLA Geosciences*
 Work Order: F05100642
 Project: 05-015/FPL-Turkey Point

ANALYTICAL QC SUMMARY REPORT

TestCode: IC300_W

Sample ID: MB	SampType: ABLK	TestCode: IC300_W	Units: mg/L	Prep Date:	RunNo: 41091				
Client ID: MB	Batch ID: R41091	TestNo: E300.0		Analysis Date: 10/21/2005	SeqNo: 972736				
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	HighLimit	RPD Ref Val	%RPD	RPDLimit
Chloride	0.036	U	0.036						
Sulfate	0.051	U	0.051						

Sample ID: QCS	SampType: QCS	TestCode: IC300_W	Units: mg/L	Prep Date:	RunNo: 41091				
Client ID: QCS	Batch ID: R41091	TestNo: E300.0		Analysis Date: 10/21/2005	SeqNo: 972737				
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	HighLimit	RPD Ref Val	%RPD	RPDLimit
Chloride	5.1		0.036	5.0	0	90	102	110	
Sulfate	5.0		0.051	5.0	0	90	101	110	

Sample ID: F05100608-001JMS	SampType: MS	TestCode: IC300_W	Units: mg/L	Prep Date:	RunNo: 41091				
Batch ID: R41091-B		TestNo: E300.0		Analysis Date: 10/22/2005	SeqNo: 972762				
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	HighLimit	RPD Ref Val	%RPD	RPDLimit
Chloride	17		0.036	10	8.3	80	90.3	120	
Sulfate	130	S	0.051	10	120	80	66.5	120	

Sample ID: F05100608-001JMSD	SampType: MSD	TestCode: IC300_W	Units: mg/L	Prep Date:	RunNo: 41091				
Batch ID: R41091-B		TestNo: E300.0		Analysis Date: 10/22/2005	SeqNo: 972763				
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	HighLimit	RPD Ref Val	%RPD	RPDLimit
Chloride	17		0.036	10	8.3	80	90.6	120	0.164
Sulfate	130	S	0.051	10	120	80	70.4	130	0.304

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

CLIENT: JLA Geosciences*
 Work Order: F05100642

Project: 05-015/FPL-Turkey Point

ANALYTICAL QC SUMMARY REPORT

TestCode: ICP-6010_W

Sample ID: MB-31178	SampType: MBLK	TestCode: ICP-6010_W	Units: µg/L	Prep Date: 10/25/2005	RunNo: 41080						
Client ID: MB-31178	Batch ID: 31178	TestNo: SW6010	SW3005A	Analysis Date: 10/25/2005	SeqNo: 972987						
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit

Calcium	130	I	87								
Iron	8.9	U	8.9								
Magnesium	5.0	U	5.0								
Manganese	0.65	U	0.65								

Sample ID: LCS-31178	SampType: LCS	TestCode: ICP-6010_W	Units: µg/L	Prep Date: 10/25/2005	RunNo: 41080						
Client ID: LCS-31178	Batch ID: 31178	TestNo: SW6010	SW3005A	Analysis Date: 10/25/2005	SeqNo: 972988						
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit

Calcium	12000		87	12000	130	98.2	85	115			
Iron	2500		8.9	2500	0	102	90	110			
Magnesium	13000		5.0	12000	0	101	85	115			
Manganese	270		0.65	250	0	106	90	110			

Sample ID: F05100651-008BMS	SampType: MS	TestCode: ICP-6010_W	Units: µg/L	Prep Date: 10/25/2005	RunNo: 41080						
Batch ID: 31178		TestNo: SW6010	SW3005A	Analysis Date: 10/25/2005	SeqNo: 972991						
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit

Calcium	62000		87	12000	50000	102	75	125			
Iron	3000		8.9	2500	480	101	75	125			
Magnesium	15000		5.0	12000	2100	102	75	125			
Manganese	270		0.65	250	7.8	106	75	125			

Sample ID: F05100651-008BMSD	SampType: MSD	TestCode: ICP-6010_W	Units: µg/L	Prep Date: 10/25/2005	RunNo: 41080						
Batch ID: 31178		TestNo: SW6010	SW3005A	Analysis Date: 10/25/2005	SeqNo: 972994						
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit

Calcium	62000		87	12000	50000	99.2	75	125	62000	0.643	20
---------	-------	--	----	-------	-------	------	----	-----	-------	-------	----

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

CLIENT: JLA Geosciences*
 Work Order: F05100642
 Project: 05-015/FPL-Turkey Point

ANALYTICAL QC SUMMARY REPORT

TestCode: ICP-6010_W

Sample ID: F05100651-008BMSD SampType: MSD TestCode: ICP-6010_W Units: µg/L Prep Date: 10/25/2005 RunNo: 41080
 Batch ID: 31178 TestNo: SW6010 SW3005A Analysis Date: 10/25/2005 SeqNo: 972994

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Iron	3000		8.9	2500	480	99.0	75	125	3000	1.68	20
Magnesium	15000		5.0	12000	2100	100	75	125	15000	1.36	20
Manganese	270		0.65	250	7.8	105	75	125	270	1.47	20

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

CLIENT: JLA Geosciences*
Work Order: F05100642

Project: 05-015/FPL-Turkey Point

ANALYTICAL QC SUMMARY REPORT

TestCode: PH150_W

Sample ID: F05100502-001A DUP	SampType: DUP	TestCode: PH150_W	Units: pH units	Prep Date:	RunNo: 41047			
Batch ID: R41047	TestNo: E150.1	Analysis Date: 10/21/2005	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Result	Qual	MDL	SPK value	SPK Ref Val	6.67	3.82	20	
6.42	Q	0.100						

pH

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

CLIENT: JLA Geosciences*
 Work Order: F05100642

Project: 05-015/FPL-Turkey Point

ANALYTICAL QC SUMMARY REPORT

TestCode: S-376.1-H2S

Sample ID: LCS-LOW	SampType: LCS-LOW	TestCode: S-376.1-H2S	Units: mg/L	Prep Date:	RunNo: 41099				
Client ID: LCS-LOW	Batch ID: R41099	TestNo: E376.1		Analysis Date: 10/25/2005	SeqNo: 972963				
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	HighLimit	RPD Ref Val	%RPD	RPDLimit
Sulfide	2.4		0.32	2.6	0	80	93.1		120

Sample ID: MB-R41099	SampType: MBLK	TestCode: S-376.1-H2S	Units: mg/L	Prep Date:	RunNo: 41099				
Client ID: MB-R41099	Batch ID: R41099	TestNo: E376.1		Analysis Date: 10/25/2005	SeqNo: 972960				
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	LowLimit	HighLimit	%RPD	RPDLimit
Sulfide	0.32	U	0.32						

Sample ID: LCS-R41099	SampType: LCS	TestCode: S-376.1-H2S	Units: mg/L	Prep Date:	RunNo: 41099				
Client ID: LCS-R41099	Batch ID: R41099	TestNo: E376.1		Analysis Date: 10/25/2005	SeqNo: 972961				
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	LowLimit	HighLimit	%RPD	RPDLimit
Sulfide	4.9		0.32	5.2	0	80	93.1		120

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

ANALYTICAL QC SUMMARY REPORT

CLIENT: JLA Geosciences*
Work Order: F05100642
Project: 05-015/FPL-Turkey Point

TestCode: SILICA-370.1

Sample ID: MB-R41036	SampType: MBLK	TestCode: SILICA-370.1	Units: mg/L	Prep Date:	RunNo: 41036	
Client ID: MB-R41036	Batch ID: R41036	TestNo: E370.1		Analysis Date: 10/21/2005	SeqNo: 970615	
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	RPD Ref Val
Silica, Dissolved (as SiO2)	0.19	U	0.19			
				%REC	LowLimit	HighLimit
						%RPD
						RPDLimit

Sample ID: LCS-R41036	SampType: LCS	TestCode: SILICA-370.1	Units: mg/L	Prep Date:	RunNo: 41036	
Client ID: LCS-R41036	Batch ID: R41036	TestNo: E370.1		Analysis Date: 10/21/2005	SeqNo: 970616	
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	RPD Ref Val
Silica, Dissolved (as SiO2)	5.1		0.19	5.0	0	110
				%REC	LowLimit	HighLimit
						%RPD
						RPDLimit

Sample ID: F05100642-001AMS	SampType: MS	TestCode: SILICA-370.1	Units: mg/L	Prep Date:	RunNo: 41036	
Client ID: PW-3 MS	Batch ID: R41036	TestNo: E370.1		Analysis Date: 10/21/2005	SeqNo: 970621	
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	RPD Ref Val
Silica, Dissolved (as SiO2)	34		0.94	20	13	120
				%REC	LowLimit	HighLimit
						%RPD
						RPDLimit

Sample ID: F05100642-001ADUP	SampType: DUP	TestCode: SILICA-370.1	Units: mg/L	Prep Date:	RunNo: 41036	
Client ID: PW-3 DUP	Batch ID: R41036	TestNo: E370.1		Analysis Date: 10/21/2005	SeqNo: 970620	
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	RPD Ref Val
Silica, Dissolved (as SiO2)	14		0.94			13
				%REC	LowLimit	HighLimit
						%RPD
						RPDLimit

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

ANALYTICAL QC SUMMARY REPORT

CLIENT: JLA Geosciences*
 Work Order: F05100642
 Project: 05-015/FPL-Turkey Point
 TestCode: SOLIDS-TD

Sample ID: MB-31163	SampType: MBLK	TestCode: SOLIDS-TD	Units: mg/L	Prep Date: 10/21/2005	RunNo: 41023						
Client ID: MB-31163	Batch ID: 31163	TestNo: E160.1	E160.1	Analysis Date: 10/21/2005	SeqNo: 973029						
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Solids, Total Dissolved	1.2	U	1.2								

Sample ID: LCS-31163	SampType: LCS	TestCode: SOLIDS-TD	Units: mg/L	Prep Date: 10/21/2005	RunNo: 41023						
Client ID: LCS-31163	Batch ID: 31163	TestNo: E160.1	E160.1	Analysis Date: 10/21/2005	SeqNo: 973030						
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Solids, Total Dissolved	310		1.2	300	0	103	90	110			

Sample ID: F05100642-001ADUP	SampType: DUP	TestCode: SOLIDS-TD	Units: mg/L	Prep Date: 10/21/2005	RunNo: 41023						
Client ID: PW-3 DUP	Batch ID: 31163	TestNo: E160.1	E160.1	Analysis Date: 10/21/2005	SeqNo: 973037						
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Solids, Total Dissolved	1700		1.2						1700	1.18	20

Data
 Qualifier
 Code Key:

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

ANALYTICAL QC SUMMARY REPORT

CLIENT: JLA Geosciences*
Work Order: F05100642
Project: 05-015/FPL-Turkey Point

TestCode: SOLIDS-TS

Sample ID: MB-31158	SampType: MBLK	TestCode: SOLIDS-TS	Units: mg/L	Prep Date: 10/21/2005	RunNo: 41035
Client ID: MB-31158	Batch ID: 31158	TestNo: E160.2	E160.2	Analysis Date: 10/21/2005	SeqNo: 972261
Analyte	Result Qual	MDL	SPK value	%REC	HighLimit
Solids, Suspended (Residue, Non-Filter)	0.77 U	0.77			
			SPK Ref Val	RPD Ref Val	%RPD
					RPDLimit

Sample ID: LCS-31158	SampType: LCS	TestCode: SOLIDS-TS	Units: mg/L	Prep Date: 10/21/2005	RunNo: 41035
Client ID: LCS-31158	Batch ID: 31158	TestNo: E160.2	E160.2	Analysis Date: 10/21/2005	SeqNo: 972263
Analyte	Result Qual	MDL	SPK value	%REC	HighLimit
Solids, Suspended (Residue, Non-Filter)	80	0.77	80	99.4	90
			SPK Ref Val	RPD Ref Val	%RPD
					RPDLimit

Sample ID: F05100642-001ADUP	SampType: DUP	TestCode: SOLIDS-TS	Units: mg/L	Prep Date: 10/21/2005	RunNo: 41035
Client ID: PW-3 DUP	Batch ID: 31158	TestNo: E160.2	E160.2	Analysis Date: 10/21/2005	SeqNo: 972302
Analyte	Result Qual	MDL	SPK value	%REC	HighLimit
Solids, Suspended (Residue, Non-Filter)	1.5 I	0.77			
			SPK Ref Val	RPD Ref Val	%RPD
					RPDLimit

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

CHAIN OF CUSTODY RECORD

No. E 87682 Page 1 of 1

ELAB, Inc.
 8 East Tower Circle
 Ormond Beach, FL 32174
 386-672-5668 ■ FAX 386-673-4001

FOR LAB USE ONLY

Submission No. **POS100642**

Temp. of Contents: **0°C** (or Received on Ice, ROI)

Condition of Contents:

FOR LAB USE ONLY

18. Report Type:
 Routine
 Standard OC Data Package

19. Turnaround Time:
 Standard **3 DAY**
 Rush: / /

1. Client: (Company or Individual)
JIA GEOSCIENCES INC

2. Report to: (if different from above)
SAME

3. Client Project Name:
FPL - TURKEY POINT

4. Client Project No.: **05-015**

5. P.O. No.:

6. Custody Seal No.:

7. Sampled By: **J ANDERSEN**

8. Shipping Method: **FED EX**

Address: **501 HWY ONE SUITE 304**
 City: **JUPITER** State: **FL** Zip Code: **33477**

Phone: (561) 746-0228
 Fax: (561) 746-0119

City: _____ State: _____ Zip Code: _____

14. 15. Preservatives: _____
 16. Containers: _____
 17. _____

18. 19. 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	12. TIME					20. REMARK
				Water Sample Codes (for Item 13)	Container Codes (for Item 16)	No. of Containers	DATE	TIME	
1	PW-3-1110 FT	(DEPTH)	10/19/05	Comp.	SW	8	17:30	ANALYSE	
2				Grab				ONLY SAMPLES	
3				Water				LISTEN ON	
4				Codes				COC (NOF)	
5				Air				EXTRAS	
6				Soil					
7				Sludge					
8				Other					
9									
10									

21. RELINQUISHED BY: **[Signature]** DATE: **10/21/05** TIME: **12:15**

RECEIVED BY: **[Signature]** DATE: **10/21/05** TIME: **11:35**

22. Sampling Fee: _____ Hrs. _____

Equipment Rental Fee: _____

Profile No.: _____ Quote No.: _____



October 21, 2005

Mr. Jim Anderson
JLA Geosciences*
50 South US Highway 1
Suite 304
Jupiter, FL 33477

RE: FPL-Turkey Point

Order No.: F05100479

Dear Mr. Jim Anderson:

ELAB, Inc. received 1 sample on 10/15/2005 10:00:00 AM 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 samples, establishes the validity and certainty of the reported sample results. This data is provided along with the sample results when requested.

Thank you for this opportunity to be of service. If you have any questions regarding this data, please feel free to call me at (386) 672-5668, extension 310.

Sincerely,

A handwritten signature in black ink, appearing to read 'Bo Garcia', with a large, stylized flourish above the name.

Vincent "Bo" Garcia
Project Manager
ELAB, Inc.
8 E. Tower Circle
Ormond Beach, FL 32174

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
DUP	Sample Duplicate
LCS	Laboratory Control Spike (may also be appended with an abbreviation indicating spiking level)
MBLK	Preparation Method Blank
MDL	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 cases)
RL	Reporting Limit
RPD	Relative Percent Difference
SPK	Spike

Case Narrative

CLIENT: JLA Geosciences*
Project: FPL-Turkey Point
Lab Order: F05100479

I. SAMPLE COLLECTION AND RECEIVING ACTIVITY

The samples arrived in good condition and were processed by sample control. Upon completion of the initial inspection, the samples were distributed within the laboratory for analysis.

II. DATA

The samples were prepped, analyzed and reported per project guidelines and specifications.

The pH result for this workorder was qualified as being analyzed past the 15 minute holding time due to the analysis being done in the laboratory.

III. QUALITY CONTROL

All the QC was within laboratory guidelines unless specified in the report.

SW 6010: The Method Blank for the batch contained a trace level of calcium between the MDL and RL. The sample was also positive for this; however, the values were significantly higher and would not have been impacted by the level in the blank.

Analytical Report

CLIENT: JLA Geosciences*
Lab Order: F05100479
Project: FPL-Turkey Point
Lab ID: F05100479-001

Client Sample ID: PW-3
Collection Date: 10/14/2005 7:45:00 AM
Sample Description: 1013 Feet
Matrix: Groundwater

Analyses	Result	Qual	MDL	RL	Units	DF	Date Analyzed	Batch ID
FIELD PARAMETERS		FLD	PrepDate:		Analyst:			
pH	7.9				S.U.		10/14/05 07:45	
Temperature	24.3				deg C		10/14/05 07:45	
ALKALINITY AS CaCO3		SM2320 B	PrepDate:		Analyst: MMA			
Alkalinity, Phenolphthalein	0.16	U	0.16	5.0	mg/L	1	10/17/05 17:31	R40881
Alkalinity, Total (As CaCO3)	190		0.16	5.0	mg/L	1	10/17/05 17:31	R40881
ANIONS BY ION CHROMATOGRAPHY		E300.0	PrepDate:		Analyst: SSM			
Chloride	750		0.18	2.5	mg/L	5	10/18/05 14:08	R40944-A
Sulfate	270		0.26	2.5	mg/L	5	10/18/05 14:08	R40944-A
CONDUCTANCE, SPECIFIC		E120.1	PrepDate:		Analyst: MMA			
Conductance, Specific	2820		1.00	1.00	µmhos/cm	1	10/18/05	R40906
CORROSIVITY/LSI		SM2330 B	PrepDate:		Analyst: TM			
Langelier Saturation Index	0.44		0		mg/L	1	10/20/05	R41004
PH		E150.1	PrepDate:		Analyst: KB			
pH	7.57	Q	0.100	0.100	pH units	1	10/18/05 09:26	R40920
SILICA, REACTIVE		E370.1	PrepDate:		Analyst: SSM			
Silica, Dissolved (as SiO2)	14		0.38	2.0	mg/L	2	10/17/05 17:13	R40883
SOLIDS, TOTAL DISSOLVED		E160.1	PrepDate: 10/18/2005		Analyst: MMA			
Solids, Total Dissolved	3500	x	1.2	5.0	mg/L	1	10/18/05 15:07	31042
SOLIDS, TOTAL SUSPENDED		E160.2	PrepDate: 10/19/2005		Analyst: MMA			
Solids, Suspended (Residue, Non-Filterable)	3.2	I	0.77	5.0	mg/L	1	10/19/05 08:57	31063
SULFIDE, HYDROGEN		E376.1	PrepDate:		Analyst: SSM			
Sulfide	0.32	U	0.32	1.0	mg/L	1	10/18/05	R40933
ICP METALS		SW6010	PrepDate: 10/18/2005 10:48:33		Analyst: TPI			
Calcium	60		0.087	0.50	mg/L	1	10/19/05 19:37	31030
Iron	0.095		0.0089	0.040	mg/L	1	10/19/05 19:37	31030
Magnesium	58		0.0050	0.50	mg/L	1	10/19/05 19:37	31030
Manganese	0.0027	I	0.00065	0.0050	mg/L	1	10/19/05 19:37	31030

Data I Analyte detected below quantitation limits
Qualifier U Not Detected Above the MDL
Code Key:

Q Holding times for preparation or analysis exceeded
x Value exceeds Maximum Contaminant Level

CLIENT: JLA Geosciences*
 Work Order: F05100479
 Project: FPL-Turkey Point

ANALYTICAL QC SUMMARY REPORT

TestCode: ALKALINITY

Sample ID: CCB-1	SampType: ABLK	TestCode: ALKALINITY	Units: mg/L	Prep Date:	RunNo: 40881				
Client ID: CCB-1	Batch ID: R40881	TestNo: SM2320 B		Analysis Date: 10/17/2005	SeqNo: 966850				
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	HighLimit	RPD Ref Val	%RPD	RPDLimit

Alkalinity, Phenolphthalein 0.16 U 0.16
 Alkalinity, Total (As CaCO3) 0.16 U 0.16

Sample ID: QCS	SampType: QCS	TestCode: ALKALINITY	Units: mg/L	Prep Date:	RunNo: 40881				
Client ID: QCS	Batch ID: R40881	TestNo: SM2320 B		Analysis Date: 10/17/2005	SeqNo: 966852				
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	HighLimit	RPD Ref Val	%RPD	RPDLimit

Alkalinity, Total (As CaCO3) 260 0.16 250 0 102 90 110

Sample ID: F05100479-001AMS	SampType: MS	TestCode: ALKALINITY	Units: mg/L	Prep Date:	RunNo: 40881				
Client ID: PW-3 MS	Batch ID: R40881	TestNo: SM2320 B		Analysis Date: 10/17/2005	SeqNo: 966857				
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	HighLimit	RPD Ref Val	%RPD	RPDLimit

Alkalinity, Total (As CaCO3) 280 0.16 100 190 94.5 90 110

Sample ID: F05100479-001ADUP	SampType: DUP	TestCode: ALKALINITY	Units: mg/L	Prep Date:	RunNo: 40881				
Client ID: PW-3 DUP	Batch ID: R40881	TestNo: SM2320 B		Analysis Date: 10/17/2005	SeqNo: 966856				
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	HighLimit	RPD Ref Val	%RPD	RPDLimit

Alkalinity, Phenolphthalein 0.16 U 0.16
 Alkalinity, Total (As CaCO3) 190 0.16 190 0 190 1.15 20

Data Qualifier Code Key: I Analyte detected below quantitation limits U Not Detected Above the MDL Q Holding times for preparation or analysis exceeded

CLIENT: JLA Geosciences*
 Work Order: F05100479
 Project: FPL-Turkey Point

ANALYTICAL QC SUMMARY REPORT

TestCode: COND120_W

Sample ID: F05100213-023DDUP		SampType: DUP		TestCode: COND120_W		Units: μ mhos/cm		Prep Date:		RunNo: 40906	
Batch ID: R40906				TestNo: E120.1				Analysis Date: 10/18/2005		SeqNo: 967304	
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Conductance, Specific	1880		1.00						1880	0.0531	20

Sample ID: F05100362-001CDUP		SampType: DUP		TestCode: COND120_W		Units: μ mhos/cm		Prep Date:		RunNo: 40906	
Batch ID: R40906				TestNo: E120.1				Analysis Date: 10/18/2005		SeqNo: 967314	
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Conductance, Specific	9990		1.00						9980	0.0501	20

Sample ID: F05100362-003CDUP		SampType: DUP		TestCode: COND120_W		Units: μ mhos/cm		Prep Date:		RunNo: 40906	
Batch ID: R40906				TestNo: E120.1				Analysis Date: 10/18/2005		SeqNo: 967317	
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Conductance, Specific	15200		1.00						15200	0.0656	20

Sample ID: F05100502-002ADUP		SampType: DUP		TestCode: COND120_W		Units: μ mhos/cm		Prep Date:		RunNo: 40906	
Batch ID: R40906				TestNo: E120.1				Analysis Date: 10/18/2005		SeqNo: 967321	
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Conductance, Specific	1.00	U	1.00						0	0	20

Data Qualifier Code Key: I Analyte detected below quantitation limits Q Holding times for preparation or analysis exceeded
 U Not Detected Above the MDL

CLIENT: JLA Geosciences*
 Work Order: F05100479
 Project: FPL-Turkey Point

ANALYTICAL QC SUMMARY REPORT

TestCode: IC300_W

Sample ID: QCS	SampType: QCS	TestCode: IC300_W	Units: mg/L	Prep Date:	RunNo: 40944						
Client ID: QCS	Batch ID: R40944	TestNo: E300.0		Analysis Date: 10/18/2005	SeqNo: 968036						
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit

Chloride	5.1		0.036	5.0	0	102	90	110			
Sulfate	5.0		0.051	5.0	0	100	90	110			

Sample ID: MB	SampType: ABLK	TestCode: IC300_W	Units: mg/L	Prep Date:	RunNo: 40944						
Client ID: MB	Batch ID: R40944	TestNo: E300.0		Analysis Date: 10/18/2005	SeqNo: 968037						
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit

Chloride	0.036	U	0.036								
Sulfate	0.051	U	0.051								

Sample ID: F05100011-003AMS	SampType: MS	TestCode: IC300_W	Units: mg/L	Prep Date:	RunNo: 40944						
Batch ID: R40944-A		TestNo: E300.0		Analysis Date: 10/18/2005	SeqNo: 968039						
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit

Chloride	19		0.036	10	8.9	98.9	90	110			
Sulfate	19		0.051	10	8.8	101	90	110			

Sample ID: F05100011-003AMSD	SampType: MSD	TestCode: IC300_W	Units: mg/L	Prep Date:	RunNo: 40944						
Batch ID: R40944-A		TestNo: E300.0		Analysis Date: 10/18/2005	SeqNo: 968040						
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit

Chloride	19		0.036	10	8.9	101	90	110	19	0.839	20
Sulfate	19		0.051	10	8.8	101	90	110	19	0.343	20

Data Qualifier Code Key: I Analyte detected below quantitation limits
 U Not Detected Above the MDL
 Q Holding times for preparation or analysis exceeded

CLIENT: JLA Geosciences*
 Work Order: F05100479
 Project: FPL-Turkey Point

ANALYTICAL QC SUMMARY REPORT

TestCode: ICP-6010_W

Sample ID: MB-31030	SampType: MBLK	TestCode: ICP-6010_W	Units: µg/L	Prep Date: 10/18/2005	RunNo: 40961						
Client ID: MB-31030	Batch ID: 31030	TestNo: SW6010	SW3005A	Analysis Date: 10/19/2005	SeqNo: 969237						
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit

Calcium	87	I	87								
Iron	8.9	U	8.9								
Magnesium	5.0	U	5.0								
Manganese	0.65	U	0.65								

Sample ID: LCS-31030	SampType: LCS	TestCode: ICP-6010_W	Units: µg/L	Prep Date: 10/18/2005	RunNo: 40961						
Client ID: LCS-31030	Batch ID: 31030	TestNo: SW6010	SW3005A	Analysis Date: 10/19/2005	SeqNo: 969238						
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit

Calcium	12000		87	12000	87	95.3	85	115			
Iron	2500		8.9	2500	0	98.8	90	110			
Magnesium	12000		5.0	12000	0	96.8	85	115			
Manganese	260		0.65	250	0	103	90	110			

Sample ID: F05100500-002CMS	SampType: MS	TestCode: ICP-6010_W	Units: µg/L	Prep Date: 10/18/2005	RunNo: 40961						
Batch ID: 31030	Batch ID: 31030	TestNo: SW6010	SW3005A	Analysis Date: 10/19/2005	SeqNo: 969254						
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit

Calcium	31000		87	12000	18000	102	75	125			
Iron	2700		8.9	2500	210	99.5	75	125			
Magnesium	14000		5.0	12000	1400	98.5	75	125			
Manganese	260		0.65	250	4.6	104	75	125			

Sample ID: F05100500-002CMSD	SampType: MSD	TestCode: ICP-6010_W	Units: µg/L	Prep Date: 10/18/2005	RunNo: 40961						
Batch ID: 31030	Batch ID: 31030	TestNo: SW6010	SW3005A	Analysis Date: 10/19/2005	SeqNo: 969255						
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit

Calcium	31000		87	12000	18000	103	75	125	31000	0.651	20
---------	-------	--	----	-------	-------	-----	----	-----	-------	-------	----

Data I Analyte detected below quantitation limits Q Holding times for preparation or analysis exceeded
 Qualifier U Not Detected Above the MDL
 Code Key:

CLIENT: JLA Geosciences*
 Work Order: F05100479
 Project: FPL-Turkey Point

ANALYTICAL QC SUMMARY REPORT

TestCode: ICP-6010_W

Sample ID: F05100500-002CMSD	SampType: MSD	TestCode: ICP-6010_W	Units: µg/L	Prep Date: 10/18/2005	RunNo: 40961						
Batch ID: 31030	MDL	TestNo: SW6010	SW3005A	Analysis Date: 10/19/2005	SeqNo: 969255						
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Iron	2700		8.9	2500	210	101	75	125	2700	1.10	20
Magnesium	14000		5.0	12000	1400	99.3	75	125	14000	0.727	20
Manganese	270		0.65	250	4.6	105	75	125	260	0.755	20

Data Qualifier Code Key: I Analyte detected below quantitation limits
 U Not Detected Above the MDL
 Q Holding times for preparation or analysis exceeded

CLIENT: JLA Geosciences*
Work Order: F05100479
Project: FPL-Turkey Point

ANALYTICAL QC SUMMARY REPORT

TestCode: PH150_W

Sample ID: F05100479-001A DUP	SampType: DUP	TestCode: PH150_W	Units: pH units	Prep Date:	RunNo: 40920			
Client ID: PW-3 DUP	Batch ID: R40920	TestNo: E150.1		Analysis Date: 10/18/2005	SeqNo: 967607			
Analyte	Result	Qual	MDL	%REC	HighLimit	RPD Ref Val	%RPD	RPDLimit
pH	7.59	Q	0.100			7.57	0.264	20

Data I Analyte detected below quantitation limits Q Holding times for preparation or analysis exceeded

Qualifier U Not Detected Above the MDL

Code Key:

CLIENT: JLA Geosciences*
 Work Order: F05100479
 Project: FPL-Turkey Point

ANALYTICAL QC SUMMARY REPORT

TestCode: S-376.1-H2S

Sample ID: LCS-LOW	SampType: LCS-LOW	TestCode: S-376.1-H2S	Units: mg/L	Prep Date:	RunNo: 40933					
Client ID: LCS-LOW	Batch ID: R40933	TestNo: E376.1		Analysis Date: 10/18/2005	SeqNo: 967938					
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%RPD	HighLimit	RPD Ref Val	%RPD	RPDLimit
Sulfide	3.3		0.32	3.4	0		80	120		

Sample ID: MB-R40933	SampType: MBLK	TestCode: S-376.1-H2S	Units: mg/L	Prep Date:	RunNo: 40933						
Client ID: MB-R40933	Batch ID: R40933	TestNo: E376.1		Analysis Date: 10/18/2005	SeqNo: 967934						
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Sulfide	0.32	U	0.32								

Sample ID: LCS-R40933	SampType: LCS	TestCode: S-376.1-H2S	Units: mg/L	Prep Date:	RunNo: 40933						
Client ID: LCS-R40933	Batch ID: R40933	TestNo: E376.1		Analysis Date: 10/18/2005	SeqNo: 967935						
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Sulfide	6.7		0.32	6.8	0	98.0	80	120			

Data Qualifier Code Key: I Analyte detected below quantitation limits
 U Not Detected Above the MDL
 Q Holding times for preparation or analysis exceeded

CLIENT: JLA Geosciences*
 Work Order: F05100479
 Project: FPL-Turkey Point

ANALYTICAL QC SUMMARY REPORT

TestCode: SILICA-370.1

Sample ID: MB-R40883	Sample Type: MBLK	TestCode: SILICA-370.1	Units: mg/L	Prep Date:	RunNo: 40883						
Client ID: MB-R40883	Batch ID: R40883	TestNo: E370.1		Analysis Date: 10/17/2005	SeqNo: 966791						
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Silica, Dissolved (as SiO2)	0.19	U	0.19								

Sample ID: LCS-R40883	Sample Type: LCS	TestCode: SILICA-370.1	Units: mg/L	Prep Date:	RunNo: 40883						
Client ID: LCS-R40883	Batch ID: R40883	TestNo: E370.1		Analysis Date: 10/17/2005	SeqNo: 966792						
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Silica, Dissolved (as SiO2)	10		0.19	10	0	100	90	110			

Sample ID: F05100479-001AMS	Sample Type: MS	TestCode: SILICA-370.1	Units: mg/L	Prep Date:	RunNo: 40883						
Client ID: PW-3 MS	Batch ID: R40883	TestNo: E370.1		Analysis Date: 10/17/2005	SeqNo: 966796						
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Silica, Dissolved (as SiO2)	22		0.38	8.0	14	100	80	120			

Sample ID: F05100479-001ADUP	Sample Type: DUP	TestCode: SILICA-370.1	Units: mg/L	Prep Date:	RunNo: 40883						
Client ID: PW-3 DUP	Batch ID: R40883	TestNo: E370.1		Analysis Date: 10/17/2005	SeqNo: 966795						
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Silica, Dissolved (as SiO2)	14		0.38						14	1.42	20

Data I Analyte detected below quantitation limits Q Holding times for preparation or analysis exceeded
 Qualifier U Not Detected Above the MDL
 Code Key:

CLIENT: JLA Geosciences*
 Work Order: F05100479
 Project: FPL-Turkey Point

ANALYTICAL QC SUMMARY REPORT

TestCode: SOLIDS-TD

Sample ID: MB-31042	SampType: MBLK	TestCode: SOLIDS-TD	Units: mg/L	Prep Date: 10/18/2005	RunNo: 40909						
Client ID: MB-31042	Batch ID: 31042	TestNo: E160.1	E160.1	Analysis Date: 10/18/2005	SeqNo: 969679						
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Solids, Total Dissolved	1.2	U	1.2								

Sample ID: LCS-31042	SampType: LCS	TestCode: SOLIDS-TD	Units: mg/L	Prep Date: 10/18/2005	RunNo: 40909						
Client ID: LCS-31042	Batch ID: 31042	TestNo: E160.1	E160.1	Analysis Date: 10/18/2005	SeqNo: 969680						
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Solids, Total Dissolved	310		1.2	300	0	103	90	110			

Sample ID: F05100530-001ADUP	SampType: DUP	TestCode: SOLIDS-TD	Units: mg/L	Prep Date: 10/18/2005	RunNo: 40909						
Client ID: F05100530-001ADUP	Batch ID: 31042	TestNo: E160.1	E160.1	Analysis Date: 10/18/2005	SeqNo: 969697						
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Solids, Total Dissolved	3500	x	1.2				3500	0.289			20

Data Qualifier Code Key:
 I Analyte detected below quantitation limits
 U Not Detected Above the MDL

Q Holding times for preparation or analysis exceeded

ANALYTICAL QC SUMMARY REPORT

CLIENT: JLA Geosciences*
 Work Order: F05100479
 Project: FPL-Turkey Point

TestCode: SOLIDS-TS

Sample ID: MB-31063	SampType: MBLK	TestCode: SOLIDS-TS	Units: mg/L	Prep Date: 10/19/2005	RunNo: 40924
Client ID: MB-31063	Batch ID: 31063	TestNo: E160.2	E160.2	Analysis Date: 10/19/2005	SeqNo: 969636
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val
	0.77	U	0.77		
Solids, Suspended (Residue, Non-Filter)					

Sample ID: LCS-31063	SampType: LCS	TestCode: SOLIDS-TS	Units: mg/L	Prep Date: 10/19/2005	RunNo: 40924
Client ID: LCS-31063	Batch ID: 31063	TestNo: E160.2	E160.2	Analysis Date: 10/19/2005	SeqNo: 969637
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val
	78	U	0.77	80	0
Solids, Suspended (Residue, Non-Filter)					

Sample ID: F05100527-002ADUP	SampType: DUP	TestCode: SOLIDS-TS	Units: mg/L	Prep Date: 10/19/2005	RunNo: 40924
Client ID: F05100527-002ADUP	Batch ID: 31063	TestNo: E160.2	E160.2	Analysis Date: 10/19/2005	SeqNo: 969658
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val
	0.77	U	0.77	80	0
Solids, Suspended (Residue, Non-Filter)					

Sample ID: F05100527-002ADUP	SampType: DUP	TestCode: SOLIDS-TS	Units: mg/L	Prep Date: 10/19/2005	RunNo: 40924
Client ID: F05100527-002ADUP	Batch ID: 31063	TestNo: E160.2	E160.2	Analysis Date: 10/19/2005	SeqNo: 969658
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val
	0.77	U	0.77	80	0
Solids, Suspended (Residue, Non-Filter)					

Data Qualifier Code Key: I Analyte detected below quantitation limits
 U Not Detected Above the MDL
 Q Holding times for preparation or analysis exceeded



October 21, 2005

Mr. Jim Anderson
JLA Geosciences*
50 South US Highway 1
Suite 304
Jupiter, FL 33477

RE: FPL-Turkey Point

Order No.: F05100530

Dear Mr. Jim Anderson:

ELAB, Inc. received 1 sample on 10/18/2005 11:07:00 AM 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 samples, establishes the validity and certainty of the reported sample results. This data is provided along with the sample results when requested.

Thank you for this opportunity to be of service. If you have any questions regarding this data, please feel free to call me at (386) 672-5668, extension 310.

Sincerely,

A handwritten signature in black ink, appearing to read 'Bo Garcia', written in a cursive style.

Vincent "Bo" Garcia
Project Manager
ELAB, Inc.
8 E. Tower Circle
Ormond Beach, FL 32174

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
DUP	Sample Duplicate
LCS	Laboratory Control Spike (may also be appended with an abbreviation indicating spiking level)
MBLK	Preparation Method Blank
MDL	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 ε
RL	Reporting Limit
RPD	Relative Percent Difference
SPK	Spike

Case Narrative

CLIENT: JLA Geosciences*
Project: FPL-Turkey Point
Lab Order: F05100530

I. SAMPLE COLLECTION AND RECEIVING ACTIVITY

The samples arrived at 8 degrees Celcius in good condition and were processed by sample control. The client was notified and the lab was instructed to proceed with the analyses. Upon completion of the initial inspection, the samples were distributed within the laboratory for analysis.

II. DATA

The samples were prepped, analyzed and reported per project guidelines and specifications.

The pH result for this workorder was qualified as being analyzed past the 15 minute holding time due to the analysis being done in the laboratory.

III. QUALITY CONTROL

All the QC was within laboratory guidelines unless specified in the report.

SW 6010: The method blank (MB) associated with the analytical batch contained a trace level of manganese which had an estimated concentration between the MDL and the reporting limit. The result for sample, however, was below the RL.

Analytical Report

CLIENT: JLA Geosciences*
Lab Order: F05100530
Project: FPL-Turkey Point
Lab ID: F05100530-001

Client Sample ID: PW-3
Collection Date: 10/16/2005 2:35:00 PM
Sample Description: 1065 Feet
Matrix: Groundwater

Analyses	Result	Qual	MDL	RL	Units	DF	Date Analyzed	Batch ID
FIELD PARAMETERS		FLD	PrepDate:		Analyst:			
pH	7.8				S.U.		10/16/05 14:35	
Temperature	24.3				deg C		10/16/05 14:35	
ALKALINITY AS CaCO3		SM2320 B	PrepDate:		Analyst: MMA			
Alkalinity, Phenolphthalein	0.16	U	0.16	5.0	mg/L	1	10/20/05 09:58	R40972
Alkalinity, Total (As CaCO3)	180		0.16	5.0	mg/L	1	10/20/05 09:58	R40972
ANIONS BY ION CHROMATOGRAPHY		E300.0	PrepDate:		Analyst: SSM			
Chloride	760	x	0.18	2.5	mg/L	5	10/18/05 15:58	R40944-A
Sulfate	260		0.26	2.5	mg/L	5	10/18/05 15:58	R40944-A
CONDUCTANCE, SPECIFIC		E120.1	PrepDate:		Analyst: MMA			
Conductance, Specific	2950		1.00	1.00	µmhos/cm	1	10/18/05	R40906
CORROSIVITY/LSI		SM2330 B	PrepDate:		Analyst: TM			
Langelier Saturation Index	0.32		0		mg/L	1	10/20/05	R41004
PH		E150.1	PrepDate:		Analyst: KB			
pH	7.36	Q	0.100	0.100	pH units	1	10/18/05 14:43	R40920
SILICA, REACTIVE		E370.1	PrepDate:		Analyst: SSM			
Silica, Dissolved (as SiO2)	14	x	0.38	2.0	mg/L	2	10/21/05 13:32	R41036
SOLIDS, TOTAL DISSOLVED		E160.1	PrepDate: 10/18/2005		Analyst: MMA			
Solids, Total Dissolved	3500	x	1.2	5.0	mg/L	1	10/18/05 15:10	31042
SOLIDS, TOTAL SUSPENDED		E160.2	PrepDate: 10/19/2005		Analyst: MMA			
Solids, Suspended (Residue, Non-Filterable)	0.77	U	0.77	5.0	mg/L	1	10/19/05 09:27	31074
SULFIDE, HYDROGEN		E376.1	PrepDate:		Analyst: SSM			
Sulfide	0.32	U	0.32	1.0	mg/L	1	10/18/05	R40933
ICP METALS		SW6010	PrepDate: 10/19/2005 9:07:00		Analyst: TPI			
Calcium	61		0.087	0.50	mg/L	1	10/19/05 20:06	31060
Iron	0.082		0.0089	0.040	mg/L	1	10/19/05 20:06	31060
Magnesium	58		0.0050	0.50	mg/L	1	10/19/05 20:06	31060
Manganese	0.0028	IV	0.00065	0.0050	mg/L	1	10/19/05 20:06	31060

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

Q Holding times for preparation or analysis exceeded
V Analyte detected in the associated Method Blank

CLIENT: JLA Geosciences*
 Work Order: F05100530
 Project: FPL-Turkey Point

ANALYTICAL QC SUMMARY REPORT

TestCode: ALKALINITY

Sample ID: CCB-1	Sample Type: ABLK	TestCode: ALKALINITY	Units: mg/L	Prep Date:	RunNo: 40972						
Client ID: CCB-1	Batch ID: R40972	TestNo: SM2320 B		Analysis Date: 10/20/2005	SeqNo: 969328						
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit

Alkalinity, Phenolphthalein 0.16 U 0.16
 Alkalinity, Total (As CaCO3) 0.16 U 0.16

Sample ID: QCS	Sample Type: QCS	TestCode: ALKALINITY	Units: mg/L	Prep Date:	RunNo: 40972						
Client ID: QCS	Batch ID: R40972	TestNo: SM2320 B		Analysis Date: 10/20/2005	SeqNo: 969330						
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit

Alkalinity, Total (As CaCO3) 250 250 0 101 90 110

Sample ID: F05100558-005EMS	Sample Type: MS	TestCode: ALKALINITY	Units: mg/L	Prep Date:	RunNo: 40972						
	Batch ID: R40972	TestNo: SM2320 B		Analysis Date: 10/20/2005	SeqNo: 969352						
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit

Alkalinity, Total (As CaCO3) 180 100 78 99.2 90 110

Sample ID: F05100558-005EDUP	Sample Type: DUP	TestCode: ALKALINITY	Units: mg/L	Prep Date:	RunNo: 40972						
	Batch ID: R40972	TestNo: SM2320 B		Analysis Date: 10/20/2005	SeqNo: 969351						
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit

Alkalinity, Phenolphthalein 0.21 I 0.16 0 0
 Alkalinity, Total (As CaCO3) 77 0.16 78 0.400 20

Data Qualifier Code Key: I Analyte detected below quantitation limits Q Holding times for preparation or analysis exceeded
 U Not Detected Above the MDL

CLIENT: JLA Geosciences*
 Work Order: F05100530
 Project: FPL-Turkey Point

ANALYTICAL QC SUMMARY REPORT

TestCode: CONDI20_W

Sample ID: F05100213-023DDUP	SampType: DUP	TestCode: CONDI20_W	Units: μ mhos/cm	Prep Date:	RunNo: 40906						
	Batch ID: R40906	TestNo: E120.1		Analysis Date: 10/18/2005	SeqNo: 967304						
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Conductance, Specific	1880		1.00						1880	0.0531	20

Sample ID: F05100362-001CDUP	SampType: DUP	TestCode: CONDI20_W	Units: μ mhos/cm	Prep Date:	RunNo: 40906						
	Batch ID: R40906	TestNo: E120.1		Analysis Date: 10/18/2005	SeqNo: 967314						
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Conductance, Specific	9990		1.00						9980	0.0501	20

Sample ID: F05100362-003CDUP	SampType: DUP	TestCode: CONDI20_W	Units: μ mhos/cm	Prep Date:	RunNo: 40906						
	Batch ID: R40906	TestNo: E120.1		Analysis Date: 10/18/2005	SeqNo: 967317						
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Conductance, Specific	15200		1.00						15200	0.0656	20

Sample ID: F05100502-002ADUP	SampType: DUP	TestCode: CONDI20_W	Units: μ mhos/cm	Prep Date:	RunNo: 40906						
	Batch ID: R40906	TestNo: E120.1		Analysis Date: 10/18/2005	SeqNo: 967321						
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Conductance, Specific	1.00	U	1.00						0	0	20

Data Qualifier Code Key:
 I Analyte detected below quantitation limits
 U Not Detected Above the MDL
 Q Holding times for preparation or analysis exceeded

ANALYTICAL QC SUMMARY REPORT

CLIENT: JLA Geosciences*
 Work Order: F05100530
 Project: FPL-Turkey Point

TestCode: IC300_W

Sample ID: QCS	Batch ID: R40944	SampType: QCS	TestCode: IC300_W	Units: mg/L	Prep Date:	RunNo: 40944					
Client ID: QCS			TestNo: E300.0		Analysis Date: 10/18/2005	SeqNo: 968036					
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit

Chloride	5.1		0.036	5.0	0	102	90	110			
Sulfate	5.0		0.051	5.0	0	100	90	110			

Sample ID: MB	Batch ID: R40944	SampType: ABLK	TestCode: IC300_W	Units: mg/L	Prep Date:	RunNo: 40944					
Client ID: MB			TestNo: E300.0		Analysis Date: 10/18/2005	SeqNo: 968037					
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit

Chloride	0.036	U	0.036								
Sulfate	0.051	U	0.051								

Sample ID: F05100011-003AMS	Batch ID: R40944-A	SampType: MS	TestCode: IC300_W	Units: mg/L	Prep Date:	RunNo: 40944					
			TestNo: E300.0		Analysis Date: 10/18/2005	SeqNo: 968039					
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit

Chloride	19		0.036	10	8.9	98.9	90	110			
Sulfate	19		0.051	10	8.8	101	90	110			

Sample ID: F05100011-003AMSD	Batch ID: R40944-A	SampType: MSD	TestCode: IC300_W	Units: mg/L	Prep Date:	RunNo: 40944					
			TestNo: E300.0		Analysis Date: 10/18/2005	SeqNo: 968040					
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit

Chloride	19		0.036	10	8.9	101	90	110	19	0.839	20
Sulfate	19		0.051	10	8.8	101	90	110	19	0.343	20

Data Qualifier Code Key: I Analyte detected below quantitation limits U Not Detected Above the MDL Q Holding times for preparation or analysis exceeded

CLIENT: JLA Geosciences*
 Work Order: F05100530
 Project: FPL-Turkey Point

ANALYTICAL QC SUMMARY REPORT

TestCode: ICP-6010_W

Sample ID: MB-31060	SampType: MBLK	TestCode: ICP-6010_W	Units: µg/L	Prep Date: 10/19/2005	RunNo: 40961						
Client ID: MB-31060	Batch ID: 31060	TestNo: SW6010	SW3005A	Analysis Date: 10/19/2005	SeqNo: 969256						
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit

Calcium	87	I	87								
Iron	8.9	U	8.9								
Magnesium	5.0	U	5.0								
Manganese	0.91	I	0.65								

Sample ID: LCS-31060	SampType: LCS	TestCode: ICP-6010_W	Units: µg/L	Prep Date: 10/19/2005	RunNo: 40961						
Client ID: LCS-31060	Batch ID: 31060	TestNo: SW6010	SW3005A	Analysis Date: 10/19/2005	SeqNo: 969257						
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit

Calcium	12000		87	12000	87	98.5	85	115			
Iron	2600		8.9	2500	0	102	90	110			
Magnesium	13000		5.0	12000	0	101	85	115			
Manganese	270		0.65	250	0.91	106	90	110			

Sample ID: F05100530-001CMS	SampType: MS	TestCode: ICP-6010_W	Units: µg/L	Prep Date: 10/19/2005	RunNo: 40961						
Client ID: PW-3 MS	Batch ID: 31060	TestNo: SW6010	SW3005A	Analysis Date: 10/19/2005	SeqNo: 969259						
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit

Calcium	72000		87	12000	61000	91.2	75	125			
Iron	2400		8.9	2500	82	91.5	75	125			
Magnesium	70000		5.0	12000	58000	88.8	75	125			
Manganese	240		0.65	250	2.8	96.1	75	125			

Sample ID: F05100530-001CMSD	SampType: MSD	TestCode: ICP-6010_W	Units: µg/L	Prep Date: 10/19/2005	RunNo: 40961						
Client ID: PW-3 MSD	Batch ID: 31060	TestNo: SW6010	SW3005A	Analysis Date: 10/19/2005	SeqNo: 969260						
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit

Calcium	73000		87	12000	61000	93.6	75	125	72000	0.414	20
---------	-------	--	----	-------	-------	------	----	-----	-------	-------	----

Data Qualifier Code Key: I Analyte detected below quantitation limits U Not Detected Above the MDL Q Holding times for preparation or analysis exceeded

CLIENT: JLA Geosciences*
 Work Order: F05100530
 Project: FPL-Turkey Point

ANALYTICAL QC SUMMARY REPORT

TestCode: ICP-6010_W

Sample ID: F05100530-001CMSD	SampType: MSD	TestCode: ICP-6010_W	Units: µg/L	Prep Date: 10/19/2005	RunNo: 40961
Client ID: PW-3 MSD	Batch ID: 31060	TestNo: SW6010	SW3005A	Analysis Date: 10/19/2005	SeqNo: 969260

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Iron	2400		8.9	2500	82	92.3	75	125	2400	0.840	20
Magnesium	70000		5.0	12000	58000	92.0	75	125	70000	0.573	20
Manganese	240		0.65	250	2.8	96.5	75	125	240	0.411	20

Data Qualifier Code Key: I Analyte detected below quantitation limits
 U Not Detected Above the MDL
 Q Holding times for preparation or analysis exceeded

ANALYTICAL QC SUMMARY REPORT

CLIENT: JLA Geosciences*
Work Order: F05100530
Project: FPL-Turkey Point

TestCode: PH150_W

Sample ID: F05100479-001A DUP	Samp Type: DUP	TestCode: PH150_W	Units: pH units	Prep Date:	RunNo: 40920
Batch ID: R40920	TestNo: E150.1	Analysis Date: 10/18/2005	%FEC	LowLimit	HighLimit
Result	Qual	MDL	SPK value	SPK Ref Val	RPD Ref Val
7.59	Q	0.100			7.57
Analyte					%RPD
pH					0.264
					RPDLimit
					20

Data Qualifier Code Key:
 I Analyte detected below quantitation limits
 U Not Detected Above the MDL
 Q Holding times for preparation or analysis exceeded

CLIENT: JLA Geosciences*
 Work Order: F05100530
 Project: FPL-Turkey Point

ANALYTICAL QC SUMMARY REPORT

TestCode: S-376.1-H2S

Sample ID: LCS-LOW	SampType: LCS-LOW	TestCode: S-376.1-H2S	Units: mg/L	Prep Date:	RunNo: 40933				
Client ID: LCS-LOW	Batch ID: R40933	TestNo: E376.1		Analysis Date: 10/18/2005	SeqNo: 967938				
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	HighLimit	RPD Ref Val	%RPD	RPDLimit
Sulfide	3.3		0.32	3.4	0	80	120		

Sample ID: MB-R40933	SampType: MBLK	TestCode: S-376.1-H2S	Units: mg/L	Prep Date:	RunNo: 40933				
Client ID: MB-R40933	Batch ID: R40933	TestNo: E376.1		Analysis Date: 10/18/2005	SeqNo: 967934				
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	HighLimit	RPD Ref Val	%RPD	RPDLimit
Sulfide	0.32	U	0.32						

Sample ID: LCS-R40933	SampType: LCS	TestCode: S-376.1-H2S	Units: mg/L	Prep Date:	RunNo: 40933				
Client ID: LCS-R40933	Batch ID: R40933	TestNo: E376.1		Analysis Date: 10/18/2005	SeqNo: 967935				
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	HighLimit	RPD Ref Val	%RPD	RPDLimit
Sulfide	6.7		0.32	6.8	0	80	120		

Data Qualifier Code Key: I Analyte detected below quantitation limits
 U Not Detected Above the MDL
 Q Holding times for preparation or analysis exceeded

ANALYTICAL QC SUMMARY REPORT

CLIENT: JLA Geosciences*
 Work Order: F05100530
 Project: FPL-Turkey Point

TestCode: SILICA-370.1

Sample ID: MB-R41036	SampType: MBLK	TestCode: SILICA-370.1	Units: mg/L	Prep Date:	RunNo: 41036						
Client ID: MB-R41036	Batch ID: R41036	TestNo: E370.1		Analysis Date: 10/21/2005	SeqNo: 970615						
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Silica, Dissolved (as SiO2)	0.19	U	0.19								

Sample ID: LCS-R41036	SampType: LCS	TestCode: SILICA-370.1	Units: mg/L	Prep Date:	RunNo: 41036						
Client ID: LCS-R41036	Batch ID: R41036	TestNo: E370.1		Analysis Date: 10/21/2005	SeqNo: 970616						
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Silica, Dissolved (as SiO2)	5.1		0.19	5.0	0	102	90	110			

Sample ID: F05100642-001AMS	SampType: MS	TestCode: SILICA-370.1	Units: mg/L	Prep Date:	RunNo: 41036						
Batch ID: R41036	TestNo: E370.1			Analysis Date: 10/21/2005	SeqNo: 970621						
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Silica, Dissolved (as SiO2)	34		0.94	20	13	103	80	120			

Sample ID: F05100642-001ADUP	SampType: DUP	TestCode: SILICA-370.1	Units: mg/L	Prep Date:	RunNo: 41036						
Batch ID: R41036	TestNo: E370.1			Analysis Date: 10/21/2005	SeqNo: 970620						
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Silica, Dissolved (as SiO2)	14	x	0.94						13	7.41	20

Data Qualifier Code Key: I Analyte detected below quantitation limits
 U Not Detected Above the MDL
 Q Holding times for preparation or analysis exceeded

ANALYTICAL QC SUMMARY REPORT

CLIENT: JLA Geosciences*
 Work Order: F05100530
 Project: FPL-Turkey Point

TestCode: SOLIDS-TD

Sample ID: MB-31042	SampType: MBLK	TestCode: SOLIDS-TD	Units: mg/L	Prep Date: 10/18/2005	RunNo: 40909						
Client ID: MB-31042	Batch ID: 31042	TestNo: E160.1	E160.1	Analysis Date: 10/18/2005	SeqNo: 969679						
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Solids, Total Dissolved	1.2	U	1.2								

Sample ID: LCS-31042	SampType: LCS	TestCode: SOLIDS-TD	Units: mg/L	Prep Date: 10/18/2005	RunNo: 40909						
Client ID: LCS-31042	Batch ID: 31042	TestNo: E160.1	E160.1	Analysis Date: 10/18/2005	SeqNo: 969680						
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Solids, Total Dissolved	310		1.2	300	0	103	90	110			

Sample ID: F05100530-001ADUP	SampType: DUP	TestCode: SOLIDS-TD	Units: mg/L	Prep Date: 10/18/2005	RunNo: 40909						
Client ID: PW-3 DUP	Batch ID: 31042	TestNo: E160.1	E160.1	Analysis Date: 10/18/2005	SeqNo: 969697						
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Solids, Total Dissolved	3500	x	1.2						3500	0.289	20

Data Qualifier Code Key: I Analyte detected below quantitation limits Q Holding times for preparation or analysis exceeded
 U Not Detected Above the MDL

CLIENT: JLA Geosciences*
 Work Order: F05100530
 Project: FPL-Turkey Point

ANALYTICAL QC SUMMARY REPORT

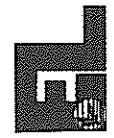
TestCode: SOLIDS-TS

Sample ID: MB-31074	SampType: MBLK	TestCode: SOLIDS-TS	Units: mg/L	Prep Date: 10/19/2005	RunNo: 40924						
Client ID: MB-31074	Batch ID: 31074	TestNo: E160.2	E160.2	Analysis Date: 10/19/2005	SeqNo: 969669						
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Solids, Suspended (Residue, Non-Filter)	0.77	U	0.77								

Sample ID: LCS-31074	SampType: LCS	TestCode: SOLIDS-TS	Units: mg/L	Prep Date: 10/19/2005	RunNo: 40924						
Client ID: LCS-31074	Batch ID: 31074	TestNo: E160.2	E160.2	Analysis Date: 10/19/2005	SeqNo: 969660						
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Solids, Suspended (Residue, Non-Filter)	80		0.77	80	0	101	90	110			

Sample ID: F05100573-001ADUP	SampType: DUP	TestCode: SOLIDS-TS	Units: mg/L	Prep Date: 10/19/2005	RunNo: 40924						
Batch ID: 31074		TestNo: E160.2	E160.2	Analysis Date: 10/19/2005	SeqNo: 969669						
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Solids, Suspended (Residue, Non-Filter)	0.77	U	0.77						0	0	20

Data Qualifier Code Key:
 I Analyte detected below quantitation limits
 U Not Detected Above the MDL
 Q Holding times for preparation or analysis exceeded



ELAB, Inc.
 8 East Tower Circle
 Ormond Beach, FL 32174
 386-672-5668 ■ FAX 386-673-4001

CHAIN OF CUSTODY RECORD

No. E 87685

Page 1 of 1

(INSTRUCTIONS ON BACK OF THIS FORM)

1. Client: (Company or Individual)
JLA Geosciences Inc

2. Report to: (if different from above)
SAME

3. Client Project Name:
PAK - TURKEY POINT

4. Client Project No.: **05-015**

5. P.O. No.:

6. Custody Seal No.:

7. Sampled By: **JIM ANDERSEN**

8. Shipping Method: **FED EX**

FOR LAB USE ONLY
 Temp. of Contents: **8** °C (or Received on Ice, ROI) Condition of Contents:
 Address: **50 S US HWY ONE SUITE 304**
 City: **JUPITER** State: **FL** Zip Code: **33477**

Phone: **561 746-0228**
 Fax: **561 746-0119**
 18. Report Type:
 Routine
 Standard QC Data Package
 19. Turnaround Time:
 Standard **3 DAY**
 Rush: / /

FOR LAB USE ONLY
 Submission No.: **EOS100530**

14. No. of Containers: **1**
 15. Preservatives: **MS, MN, Fe, S, Si, L, T, S, L, A, T, R, S, I**
 16. Containers: **MS, MN, Fe, S, Si, L, T, S, L, A, T, R, S, I**
 17. Analyses Requested: **ALKALINITY, CALCIUM, TOSS, TSS, CALORIDE, SILICA, CONDUCTANCE**

12. 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

Item	9. Sample ID or No.	10. Sample Description	11.		22. RECEIVED BY				20. REMARK
			Date	Time	DATE	TIME	DATE	TIME	
1	PW-3	1065 FEET	10/16/05	1435					ANALYSE SAMPLES LISTED ON COC ONLY (NOT EXTRAS)
2									
3									
4									
5									
6									
7									
8									
9									
10									

21. RELINQUISHED BY		DATE	TIME	22. RECEIVED BY		DATE	TIME
1	<i>[Signature]</i>	10/16/05	1215	<i>[Signature]</i>	10/16/05	11:07	
2	<i>[Signature]</i>	10/17/05	1100	<i>[Signature]</i>	10/18/05	11:07	
3							
4							

DISTRIBUTION: White with report; Blue, Green, Yellow to labs; Gold to submitter
 Revised: 06/05



November 11, 2005

Mr. Jim Anderson
JLA Geosciences*
50 South US Highway 1
Suite 304
Jupiter, FL 33477

RE: FPL-Turkey Point

Order No.: F05110202

Dear Mr. Jim Anderson:

ELAB, Inc. received 1 sample on 11/7/2005 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 samples, establishes the validity and certainty of the reported sample results. This data is provided along with the sample results when requested.

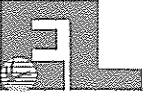
Thank you for this opportunity to be of service. If you have any questions regarding this data, please feel free to call me at (386) 672-5668, extension 310.

Sincerely,

A handwritten signature in black ink, appearing to read 'Vincent Garcia' with a stylized flourish at the end.

Vincent "Bo" Garcia
Project Manager
ELAB, Inc.
8 E. Tower Circle
Ormond Beach, FL 32174

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
DUP	Sample Duplicate
LCS	Laboratory Control Spike (may also be appended with an abbreviation indicating spiking level)
MBLK	Preparation Method Blank
MDL	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 cases)
RL	Reporting Limit
RPD	Relative Percent Difference
SPK	Spike

Case Narrative

CLIENT: JLA Geosciences*
Project: FPL-Turkey Point
Lab Order: F05110202

I. SAMPLE COLLECTION AND RECEIVING ACTIVITY

The samples arrived in good condition and were processed by sample control. Upon completion of the initial inspection, the samples were distributed within the laboratory for analysis.

II. DATA

The container to be used for EPA376.1 analysis in workorder F05110202-001 was found to have a pH outside method defined limits. The pH of the container was not adjusted prior to the beginning of the analysis.

The samples were prepped, analyzed and reported per project guidelines and specifications.

III. QUALITY CONTROL

The following is a list of QC data associated with this workorder which was outside laboratory guidelines.

1. The method blank (MB) associated with the SW6010 analytical batch 31577 contained a trace level of Calcium which had an estimated concentration between the MDL and the reporting limit. The result for sample F05110202-001 was above the MDL but the impact of the level in the blank was minimal.

Analytical Report

CLIENT: JLA Geosciences*
Lab Order: F05110202
Project: FPL-Turkey Point
Lab ID: F05110202-001

Client Sample ID: PW-3
Collection Date: 11/5/2005 6:28:00 AM
Sample Description: 1232 Ft.
Matrix: Groundwater

Analyses	Result	Qual	MDL	RL	Units	DF	Date Analyzed	Batch ID
FIELD PARAMETERS		FLD	PrepDate:		Analyst:			
pH	7.8				S.U.		11/05/05 06:28	
Temperature	24.3				deg C		11/05/05 06:28	
ALKALINITY AS CaCO3		SM2320 B	PrepDate:		Analyst: MMA			
Alkalinity, Phenolphthalein	0.16	U	0.16	5.0	mg/L	1	11/09/05 14:50	R41490
Alkalinity, Total (As CaCO3)	180		0.16	5.0	mg/L	1	11/09/05 14:50	R41490
ANIONS BY ION CHROMATOGRAPHY		E300.0	PrepDate:		Analyst: SSM			
Chloride	930	x	0.72	10	mg/L	20	11/08/05 19:24	R41527-A
Sulfate	300		1.0	10	mg/L	20	11/08/05 19:24	R41527-A
CONDUCTANCE, SPECIFIC		E120.1	PrepDate:		Analyst: MMA			
Conductance, Specific	2830		1.00	1.00	µmhos/cm	1	11/08/05	R41457
CORROSIVITY/LSI		SM2330 B	PrepDate:		Analyst: MS			
Langelier Saturation Index	0.31		0		mg/L	1	11/10/05	R41534
PH		E150.1	PrepDate:		Analyst: KB			
pH	7.74	Q	0.100	0.100	pH units	1	11/07/05 13:50	R41442
SILICA, REACTIVE		E370.1	PrepDate:		Analyst: SSM			
Silica, Dissolved (as SiO2)	14	x	0.38	2.0	mg/L	2	11/07/05 16:45	R41443
SOLIDS, TOTAL DISSOLVED		E160.1	PrepDate: 11/7/2005		Analyst: MMA			
Solids, Total Dissolved	1900	x	1.2	5.0	mg/L	1	11/07/05 13:37	31532
SOLIDS, TOTAL SUSPENDED		E160.2	PrepDate: 11/8/2005 9:58:44 A		Analyst: MMA			
Solids, Suspended (Residue, Non-Filterable)	4.1	I	0.77	5.0	mg/L	1	11/08/05	31540
SULFIDE, HYDROGEN		E376.1	PrepDate:		Analyst: SSM			
Sulfide	0.32	U	0.32	1.0	mg/L	1	11/07/05	R41446
ICP METALS		SW6010	PrepDate: 11/9/2005 9:40:00 A		Analyst: JAS			
Calcium	65	V	0.087	0.50	mg/L	1	11/10/05 09:40	31577
Iron	0.025	I	0.0089	0.040	mg/L	1	11/10/05 09:40	31577
Magnesium	63		0.0050	0.50	mg/L	1	11/10/05 09:40	31577
Manganese	0.00065	U	0.00065	0.0050	mg/L	1	11/10/05 09:40	31577

Data Qualifier Code Key:
 I Analyte detected below quantitation limits
 U Not Detected Above the MDL
 x Value exceeds Maximum Contaminant Level
 Q Holding times for preparation or analysis exceeded
 V Analyte detected in the associated Method Blank

ELAB, Inc.

Date: 11-Nov-05

CLIENT: JLA Geosciences*
Work Order: F05110202
Project: FPL-Turkey Point

ANALYTICAL QC SUMMARY REPORT
TestCode: ALKALINITY

Sample ID: CCB-1	SampType: ABLK	TestCode: ALKALINITY	Units: mg/L	Prep Date:	RunNo: 41490						
Client ID: CCB-1	Batch ID: R41490	TestNo: SM2320 B		Analysis Date: 11/9/2005	SeqNo: 986268						
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit

Alkalinity, Phenolphthalein 0.16 U 0.16
Alkalinity, Total (As CaCO3) 0.16 U 0.16

Sample ID: QCS	SampType: QCS	TestCode: ALKALINITY	Units: mg/L	Prep Date:	RunNo: 41490						
Client ID: QCS	Batch ID: R41490	TestNo: SM2320 B		Analysis Date: 11/9/2005	SeqNo: 986270						
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit

Alkalinity, Total (As CaCO3) 250 0.16 0 250 101 90 110

Sample ID: F05110312-002AMS	SampType: MS	TestCode: ALKALINITY	Units: mg/L	Prep Date:	RunNo: 41490						
Batch ID: R41490		TestNo: SM2320 B		Analysis Date: 11/9/2005	SeqNo: 986292						
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit

Alkalinity, Total (As CaCO3) 150 0.16 100 52 99.8 90 110

Sample ID: F05110312-002ADUP	SampType: DUP	TestCode: ALKALINITY	Units: mg/L	Prep Date:	RunNo: 41490						
Batch ID: R41490		TestNo: SM2320 B		Analysis Date: 11/9/2005	SeqNo: 986291						
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit

Alkalinity, Phenolphthalein 0.16 U 0.16
Alkalinity, Total (As CaCO3) 52 0.16 52 0 0.230 20

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

CLIENT: JLA Geosciences*
 Work Order: F05110202
 Project: FPL-Turkey Point

ANALYTICAL QC SUMMARY REPORT

TestCode: COND120_W

Sample ID: MB-R41457	SampType: MBLK	TestCode: COND120_W	Units: μ mhos/cm	Prep Date:	RunNo: 41457						
Client ID: MB-R41457	Batch ID: R41457	TestNo: E120.1		Analysis Date: 11/8/2005	SeqNo: 984382						
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Conductance, Specific	1.00	U	1.00								

Sample ID: LCS-R41457	SampType: LCS	TestCode: COND120_W	Units: μ mhos/cm	Prep Date:	RunNo: 41457						
Client ID: LCS-R41457	Batch ID: R41457	TestNo: E120.1		Analysis Date: 11/8/2005	SeqNo: 984383						
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Conductance, Specific	1400		1.00	1410	0	99.1	95	105			

Sample ID: F05110202-001ADUP	SampType: DUP	TestCode: COND120_W	Units: μ mhos/cm	Prep Date:	RunNo: 41457						
Client ID: PW-3 DUP	Batch ID: R41457	TestNo: E120.1		Analysis Date: 11/8/2005	SeqNo: 984387						
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Conductance, Specific	2830		1.00						2830	0.0353	20

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

CLIENT: JLA Geosciences*
 Work Order: F05110202
 Project: FPL-Turkey Point

ANALYTICAL QC SUMMARY REPORT

TestCode: IC300_W

Sample ID: QCS	Batch ID: R41527	SampType: QCS	TestCode: IC300_W	Units: mg/L	Prep Date:	RunNo: 41527					
Client ID: QCS			TestNo: E300.0		Analysis Date: 11/8/2005	SeqNo: 986812					
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Chloride	5.2		0.036	5.0	0	104	90	110			
Sulfate	5.2		0.051	5.0	0	104	90	110			

Sample ID: MB	Batch ID: R41527	SampType: ABLK	TestCode: IC300_W	Units: mg/L	Prep Date:	RunNo: 41527					
Client ID: MB			TestNo: E300.0		Analysis Date: 11/8/2005	SeqNo: 986814					
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Chloride	0.036	U	0.036								
Sulfate	0.051	U	0.051								

Sample ID: F05110223-001JMS	Batch ID: R41527-A	SampType: MS	TestCode: IC300_W	Units: mg/L	Prep Date:	RunNo: 41527					
			TestNo: E300.0		Analysis Date: 11/8/2005	SeqNo: 986818					
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Chloride	9.7		0.036	10	0	97.5	90	110			
Sulfate	10		0.051	10	0	100	90	110			

Sample ID: F05110223-001JMSD	Batch ID: R41527-A	SampType: MSD	TestCode: IC300_W	Units: mg/L	Prep Date:	RunNo: 41527					
			TestNo: E300.0		Analysis Date: 11/8/2005	SeqNo: 986820					
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Chloride	9.7		0.036	10	0	97.5	90	110	9.7	0.00853	20
Sulfate	10		0.051	10	0	100	90	110	10	0.198	20

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

CLIENT: JLA Geosciences*
 Work Order: F05110202
 Project: FPL-Turkey Point

ANALYTICAL QC SUMMARY REPORT

TestCode: ICP-6010_W

Sample ID: MB-31577	SampType: MBLK	TestCode: ICP-6010_W	Units: µg/L	Prep Date: 11/9/2005	RunNo: 41513							
Client ID: MB-31577	Batch ID: 31577	TestNo: SW6010	SW3005A	Analysis Date: 11/10/2005	SeqNo: 986892							
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD	Ref Val	%RPD	RPDLimit

Calcium	120	I	87									
Iron	8.9	U	8.9									
Magnesium	5.0	U	5.0									
Manganese	0.65	U	0.65									

Sample ID: LCS-31577	SampType: LCS	TestCode: ICP-6010_W	Units: µg/L	Prep Date: 11/9/2005	RunNo: 41513							
Client ID: LCS-31577	Batch ID: 31577	TestNo: SW6010	SW3005A	Analysis Date: 11/10/2005	SeqNo: 986895							
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD	Ref Val	%RPD	RPDLimit

Calcium	12000		87	12000	120	98.2	85	115				
Iron	2600		8.9	2500	0	103	90	110				
Magnesium	12000		5.0	12000	0	99.2	85	115				
Manganese	270		0.65	250	0	109	90	110				

Sample ID: F05110224-033CMS	SampType: MS	TestCode: ICP-6010_W	Units: µg/L	Prep Date: 11/9/2005	RunNo: 41513							
Batch ID: 31577		TestNo: SW6010	SW3005A	Analysis Date: 11/10/2005	SeqNo: 986905							
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD	Ref Val	%RPD	RPDLimit

Calcium	210000		87	12000	200000	96.0	75	125				
Iron	13000		8.9	2500	11000	92.0	75	125				
Magnesium	56000		5.0	12000	45000	93.6	75	125				
Manganese	390		0.65	250	140	100	75	125				

Sample ID: F05110224-033CMSD	SampType: MSD	TestCode: ICP-6010_W	Units: µg/L	Prep Date: 11/9/2005	RunNo: 41513							
Batch ID: 31577		TestNo: SW6010	SW3005A	Analysis Date: 11/10/2005	SeqNo: 986908							
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD	Ref Val	%RPD	RPDLimit

Calcium	210000	S	87	12000	200000	64.0	75	125	210000	1.90	20
---------	--------	---	----	-------	--------	------	----	-----	--------	------	----

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

CLIENT: JLA Geosciences*
 Work Order: F05110202
 Project: FPL-Turkey Point

ANALYTICAL QC SUMMARY REPORT

TestCode: ICP-6010_W

Sample ID: F05110224-033CMSD	SampType: MSD	TestCode: ICP-6010_W	Units: µg/L	Prep Date: 11/9/2005	RunNo: 41513						
Batch ID: 31577	TestNo: SW6010	SW3005A		Analysis Date: 11/10/2005	SeqNo: 986908						
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Iron	13000		8.9	2500	11000	84.0	75	125	13000	1.56	20
Magnesium	56000		5.0	12000	45000	87.2	75	125	56000	1.43	20
Manganese	390		0.65	250	140	98.8	75	125	390	1.03	20

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

CLIENT: JLA Geosciences*
 Work Order: F05110202
 Project: FPL-Turkey Point

ANALYTICAL QC SUMMARY REPORT

TestCode: PH150_W

Sample ID: F05100508-011A DUP	SampType: DUP	TestCode: PH150_W	Units: pH units	Prep Date:	RunNo: 41442
Batch ID: R41442	TestNo: E150.1	Analysis Date: 11/7/2005	%REC	LowLimit	HighLimit
MDL	SPK value	SPK Ref Val	RPD Ref Val	%RPD	RPDLimit
7.61	Q	0.100	7.63	0.262	20

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

CLIENT: JLA Geosciences*
 Work Order: F05110202
 Project: FPL-Turkey Point

ANALYTICAL QC SUMMARY REPORT

TestCode: S-376.1-H2S

Sample ID: LCS-LOW	SampType: LCS-LOW	TestCode: S-376.1-H2S	Units: mg/L	Prep Date:	RunNo: 41446				
Client ID: LCS-LOW	Batch ID: R41446	TestNo: E376.1		Analysis Date: 11/7/2005	SeqNo: 983857				
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	HighLimit	RPD Ref Val	%RPD	RPDLimit
Sulfide	2.5		0.32	2.6	0	80	96.2	120	

Sample ID: MB-R41446	SampType: MBLK	TestCode: S-376.1-H2S	Units: mg/L	Prep Date:	RunNo: 41446				
Client ID: MB-R41446	Batch ID: R41446	TestNo: E376.1		Analysis Date: 11/7/2005	SeqNo: 983854				
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	HighLimit	RPD Ref Val	%RPD	RPDLimit
Sulfide	0.32	U	0.32						

Sample ID: LCS-R41446	SampType: LCS	TestCode: S-376.1-H2S	Units: mg/L	Prep Date:	RunNo: 41446				
Client ID: LCS-R41446	Batch ID: R41446	TestNo: E376.1		Analysis Date: 11/7/2005	SeqNo: 983855				
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	HighLimit	RPD Ref Val	%RPD	RPDLimit
Sulfide	5.2		0.32	5.2	0	80	98.9	120	

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

ANALYTICAL QC SUMMARY REPORT

TestCode: SILICA-370.1

CLIENT: JLA Geosciences*
 Work Order: F05110202
 Project: FPL-Turkey Point

Sample ID: MB-R41443	SampType: MBLK	TestCode: SILICA-370.1	Units: mg/L	Prep Date:	RunNo: 41443
Client ID: MB-R41443	Batch ID: R41443	TestNo: E370.1		Analysis Date: 11/7/2005	SeqNo: 983695
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val
Silica, Dissolved (as SiO2)	0.19	U	0.19		
				LowLimit	HighLimit
				%REC	%RPD
				RPD Ref Val	RPDLimit

Sample ID: LCS-R41443	SampType: LCS	TestCode: SILICA-370.1	Units: mg/L	Prep Date:	RunNo: 41443
Client ID: LCS-R41443	Batch ID: R41443	TestNo: E370.1		Analysis Date: 11/7/2005	SeqNo: 983696
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val
Silica, Dissolved (as SiO2)	10		0.19	10	0
				LowLimit	HighLimit
				%REC	%RPD
				RPD Ref Val	RPDLimit

Sample ID: F05110009-007AMS	SampType: MS	TestCode: SILICA-370.1	Units: mg/L	Prep Date:	RunNo: 41443
Batch ID: R41443		TestNo: E370.1		Analysis Date: 11/7/2005	SeqNo: 983700
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val
Silica, Dissolved (as SiO2)	8.3		0.19	4.0	4.3
				LowLimit	HighLimit
				%REC	%RPD
				RPD Ref Val	RPDLimit

Sample ID: F05110009-007ADUP	SampType: DUP	TestCode: SILICA-370.1	Units: mg/L	Prep Date:	RunNo: 41443
Batch ID: R41443		TestNo: E370.1		Analysis Date: 11/7/2005	SeqNo: 983699
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val
Silica, Dissolved (as SiO2)	4.4		0.19	4.0	4.3
				LowLimit	HighLimit
				%REC	%RPD
				RPD Ref Val	RPDLimit

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

CLIENT: JLA Geosciences*
 Work Order: F05110202
 Project: FPL-Turkey Point

ANALYTICAL QC SUMMARY REPORT

TestCode: SOLIDS-TD

Sample ID: MB-31532	SampType: MBLK	TestCode: SOLIDS-TD	Units: mg/L	Prep Date: 11/7/2005	RunNo: 41431
Client ID: MB-31532	Batch ID: 31532	TestNo: E160.1	E160.1	Analysis Date: 11/7/2005	SeqNo: 985992
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val
Solids, Total Dissolved	1.2	U	1.2		

Sample ID: LCS-31532	SampType: LCS	TestCode: SOLIDS-TD	Units: mg/L	Prep Date: 11/7/2005	RunNo: 41431
Client ID: LCS-31532	Batch ID: 31532	TestNo: E160.1	E160.1	Analysis Date: 11/7/2005	SeqNo: 985993
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val
Solids, Total Dissolved	300		1.2	300	0
				102	90
				110	

Sample ID: F05110202-001ADUP	SampType: DUP	TestCode: SOLIDS-TD	Units: mg/L	Prep Date: 11/7/2005	RunNo: 41431
Client ID: PW-3 DUP	Batch ID: 31532	TestNo: E160.1	E160.1	Analysis Date: 11/7/2005	SeqNo: 985996
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val
Solids, Total Dissolved	1900	x	1.2		
				1900	0
				20	

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

ANALYTICAL QC SUMMARY REPORT

TestCode: SOLIDS-TS

CLIENT: JLA Geosciences*
 Work Order: F05110202
 Project: FPL-Turkey Point

Sample ID: MB-31540	SampType: MBLK	TestCode: SOLIDS-TS	Units: mg/L	Prep Date: 11/8/2005	RunNo: 41448
Client ID: MB-31540	Batch ID: 31540	TestNo: E160.2	E160.2	Analysis Date: 11/8/2005	SeqNo: 985967
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val
Solids, Suspended (Residue, Non-Filter)	0.77	U	0.77		

Sample ID: LCS-31540	SampType: LCS	TestCode: SOLIDS-TS	Units: mg/L	Prep Date: 11/8/2005	RunNo: 41448
Client ID: LCS-31540	Batch ID: 31540	TestNo: E160.2	E160.2	Analysis Date: 11/8/2005	SeqNo: 985965
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val
Solids, Suspended (Residue, Non-Filter)	78		0.77	80	0
				%REC	97.9
				LowLimit	90
				HighLimit	110

Sample ID: F05110213-001ADUP	SampType: DUP	TestCode: SOLIDS-TS	Units: mg/L	Prep Date: 11/8/2005	RunNo: 41448
Batch ID: 31540		TestNo: E160.2	E160.2	Analysis Date: 11/8/2005	SeqNo: 985954
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val
Solids, Suspended (Residue, Non-Filter)	3.1	I	0.77		
				%REC	
				LowLimit	
				HighLimit	

3.1 0 20

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



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 87688

Page 1 of 1

FOR LAB USE ONLY
Temp. of Contents: _____ °C (or Received on Ice, ROI)
Condition of Contents: _____
Submission No. _____

Address: 50 S US Hwy ONE SUITE 304
City: JUPITER FL State: FL Zip Code: 33477
Phone: (561) 746 0228
Fax: (561) 746 0119
Turnaround Time: Standard 3 DAY
Rush: _____

Client Project Name: EPL - Turkey Point
Client Project No.: 05-015
P.O. No.: _____
Custody Seal No.: FREDRICKS
Sampled By: J. ANDERSON
Shipping Method: FedEx

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

Item	9. Sample ID or No.	10. Sample Description (DEPTH)	Date	11. 12. 13.				14. No. of Containers	15. Preservatives	16. Containers	17. Analyses Requested	20. REMARK	LAB USE ONLY LAB SAMPLE NO.
				Time	Comp.	Grab	Water (Code)						
1	PW-3-	1232 Ft.	11/5/05	0628			GW			ALK/Calcium Sulfate Mn, Mg, Fe Sulfates Spec. Cond.	4 bottles		
2													
3		ANALYSE SAMPLES ONLY AS LISTED ON COC											
4													
5													
6													
7													
8													
9													
10													

21. RELINQUISHED BY: [Signature] DATE: 10/12/05 TIME: 1215
[Signature] DATE: 11/5/05 TIME: 1500
22. RECEIVED BY: [Signature] DATE: 10/12 TIME: _____
[Signature] DATE: 11/20/05 TIME: 1050
FOR LAB USE ONLY
Sampling Fee: _____ Hrs.
Equipment Rental Fee: _____
Profile No.: _____ Quote No.: _____

DISTRIBUTION: White with report; Blue, Green, Yellow to labs; Gold to submitter



November 30, 2005

Mr. Neal Johnson
Diversified Drilling Corporation*
8254 Bama Lane
Unit 13
West Palm Beach, FL 33411

RE: 5505/FPL-Turkey Point

Order No.: F05110438

Dear Mr. Neal Johnson:

ELAB, Inc. received 1 sample on 11/10/2005 11:25:00 AM 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 samples, establishes the validity and certainty of the reported sample results. This data is provided along with the sample results when requested.

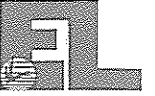
Thank you for this opportunity to be of service. If you have any questions regarding this data, please feel free to call me at (386) 672-5668, extension 310.

Sincerely,

A handwritten signature in black ink, appearing to read 'Bo Garcia', written over a white background.

Vincent "Bo" Garcia
Project Manager
ELAB, Inc.
8 E. Tower Circle
Ormond Beach, FL 32174

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
DUP	Sample Duplicate
LCS	Laboratory Control Spike (may also be appended with an abbreviation indicating spiking level)
MBLK	Preparation Method Blank
MDL	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 cases)
RL	Reporting Limit
RPD	Relative Percent Difference
SPK	Spike

ELAB, Inc. 8 East Tower Cr., Ormond Beach, FL 32174-8759

Case Narrative

CLIENT: Diversified Drilling Corporation*
Project: 5505/FPL-Turkey Point
Lab Order: F05110438

I. SAMPLE COLLECTION AND RECEIVING ACTIVITY

The samples arrived in good condition and were processed by sample control. Upon completion of the initial inspection, the samples were distributed within the laboratory for analysis.

The container for the color analysis was received outside the 24 hour hold criteria and was qualified on the report.

II. DATA

The samples were prepped, analyzed and reported per project guidelines and specifications.

EPA 150.1 and SM 4500-CL D: The pH and chlorine demand results were qualified as being analyzed past the 15 minute holding time due to the analyses being done in the laboratory instead of in the field.

EPA 110.2 and EPA 180.1: The samples were analyzed just outside the method hold criteria and the results are qualified on the report.

EPA 300.0: The nitrate and orthophosphate results were qualified as being analyzed just outside the holding time.

III. QUALITY CONTROL

All the QC was within laboratory guidelines unless specified in the report.

REVISED

ELAB, Inc.

8 East Tower Cr., Ormond Beach, FL 32174-8759

Date: 30-Nov-05

Analytical Report

CLIENT: Diversified Drilling Corporation*
Lab Order: F05110438
Project: 5505/FPL-Turkey Point
Lab ID: F05110438-001

Client Sample ID: PW-3
Collection Date: 11/9/2005 7:20:00 AM
Sample Description: 1,247-24"
Matrix: Groundwater

Analyses	Result	Qual	MDL	RL	Units	DF	Date Analyzed	Batch ID
FIELD PARAMETERS		FLD	PrepDate:		Analyst:			
pH	7.8				S.U.		11/09/05 07:20	
Temperature	23.9				deg C		11/09/05 07:20	
Turbidity	0.86				NTU		11/09/05 07:20	
ALKALINITY AS CaCO3		SM2320 B	PrepDate:		Analyst: MMA			
Alkalinity, Phenolphthalein	0.16	U	0.16	5.0	mg/L	1	11/14/05 10:35	R41602
Alkalinity, Total (As CaCO3)	180		0.16	5.0	mg/L	1	11/14/05 10:35	R41602
ANIONS BY ION CHROMATOGRAPHY		E300.0	PrepDate:		Analyst: SSM			
Chloride	960		0.72	10	mg/L	20	11/11/05 10:26	R41578-C
Fluoride	1.5		0.15	1.0	mg/L	20	11/11/05 10:26	R41578-C
Nitrogen, Nitrate	0.18	UQ	0.18	1.0	mg/L	20	11/11/05 10:26	R41578-C
Phosphorus, Orthophosphate (As P)	0.42	UQ	0.42	2.0	mg/L	20	11/11/05 10:26	R41578-C
Sulfate	300		1.0	10	mg/L	20	11/11/05 10:26	R41578-C
BOD, 5 DAY, 20°C		E405.1	PrepDate: 11/11/2005 2:28:00		Analyst: KB			
Biochemical Oxygen Demand	2.0	U	2.0	2.0	mg/L	1	11/16/05 15:18	31669
CHLORINE DEMAND		SM4500-CL D	PrepDate:		Analyst: KFE			
Chlorine Demand	34	Q	0.030		mg/L	1	11/15/05	R41700
COLOR (APPARENT)		E110.2	PrepDate:		Analyst: KB			
Color	5.0	UQ	5.0	5.0	c.u.	1	11/11/05 16:00	R41584
CONDUCTANCE, SPECIFIC		E120.1	PrepDate:		Analyst: MMA			
Conductance, Specific	3020		1.00	1.00	µmhos/cm	1	11/14/05	R41618
CORROSIVITY/LSI		SM2330 B	PrepDate:		Analyst: SSM			
Langelier Saturation Index	.099		0		mg/L	1	11/17/05	R41740
NITROGEN, AMMONIA		E350.1	PrepDate:		Analyst: PPP			
Nitrogen, Ammonia (As N)	0.21		0.014	0.050	mg/L	1	11/15/05 13:44	R41655
PH		E150.1	PrepDate:		Analyst: KB			
pH	7.52	Q	0.100	0.100	pH units	1	11/11/05 10:15	R41585
PHOSPHORUS, TOTAL		E365.4	PrepDate: 11/14/2005 10:00:00		Analyst: PPP			
Phosphorus, Total (as P)	0.0064	U	0.0064	0.10	mg/L	1	11/16/05 14:07	31687
SILICA, REACTIVE		E370.1	PrepDate:		Analyst: SSM			
Silica, Dissolved (as SiO2)	13		0.38	2.0	mg/L	2	11/15/05 15:19	R41660

Data
Qualifier Code Key: I Analyte detected below quantitation limits
U Not Detected Above the MDL

Q Holding times for preparation or analysis exceeded
x Value exceeds Maximum Contaminant Level

REVISED

ELAB, Inc.

8 East Tower Cr., Ormond Beach, FL 32174-8759

Date: 30-Nov-05

Analytical Report

CLIENT: Diversified Drilling Corporation*
Lab Order: F05110438
Project: 5505/FPL-Turkey Point
Lab ID: F05110438-001

Client Sample ID: PW-3
Collection Date: 11/9/2005 7:20:00 AM
Sample Description: 1,247-24"
Matrix: Groundwater

Analyses	Result	Qual	MDL	RL	Units	DF	Date Analyzed	Batch ID
SOLIDS, TOTAL DISSOLVED		E160.1						
Solids, Total Dissolved	2100		1.2	5.0	mg/L	1	11/10/05 14:29	31637
SOLIDS, TOTAL SUSPENDED		E160.2						
Solids, Suspended (Residue, Non-Filterable)	0.77	U	0.77	5.0	mg/L	1	11/15/05 08:32	31708
SULFIDE, HYDROGEN		E376.1						
Sulfide	0.32	U	0.32	1.0	mg/L	1	11/14/05	R41625
TURBIDITY		E180.1						
Turbidity	0.12	Q	0.040	0.10	NTU	1	11/11/05 16:02	R41586
ICP METALS		SW6010						
Boron	0.53		0.0080	0.050	mg/L	1	11/28/05 21:53	31646
Calcium	69		0.087	0.50	mg/L	1	11/28/05 21:53	31646
Iron	0.015	I	0.0089	0.040	mg/L	1	11/28/05 21:53	31646
Magnesium	68		0.0050	0.50	mg/L	1	11/28/05 21:53	31646
Manganese	0.00065	U	0.00065	0.0050	mg/L	1	11/28/05 21:53	31646
Potassium	33		0.059	0.50	mg/L	1	11/28/05 21:53	31646
Sodium	510	x	0.34	1.0	mg/L	1	11/28/05 21:53	31646

Data
Qualifier
Code Key:

I Analyte detected below quantitation limits
U Not Detected Above the MDL

Q Holding times for preparation or analysis exceeded
x Value exceeds Maximum Contaminant Level

CLIENT: Diversified Drilling Corporation*
 Work Order: F05110438
 Project: 5505/RPL-Turkey Point

ANALYTICAL QC SUMMARY REPORT

TestCode: ALKALINITY

Sample ID: CCB-1	SampType: ABLK	TestCode: ALKALINITY	Units: mg/L	Prep Date:	RunNo: 41602
Client ID: CCB-1	Batch ID: R41602	TestNo: SM2320 B		Analysis Date: 11/14/2005	SeqNo: 997931
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val
Alkalinity, Phenolphthalein	0.16	U	0.16		
Alkalinity, Total (As CaCO3)	0.16	U	0.16		

Sample ID: QCS	SampType: QCS	TestCode: ALKALINITY	Units: mg/L	Prep Date:	RunNo: 41602
Client ID: QCS	Batch ID: R41602	TestNo: SM2320 B		Analysis Date: 11/14/2005	SeqNo: 997936
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val
Alkalinity, Total (As CaCO3)	250		0.16	250	0
				%REC	LowLimit
				98.2	90
				HighLimit	RPD Ref Val
					110
				%RPD	RPDLimit

Sample ID: F05110447-001BMS	SampType: MS	TestCode: ALKALINITY	Units: mg/L	Prep Date:	RunNo: 41602
Batch ID: R41602		TestNo: SM2320 B		Analysis Date: 11/14/2005	SeqNo: 997985
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val
Alkalinity, Total (As CaCO3)	210		0.16	100	120
				%REC	LowLimit
				94.6	90
				HighLimit	RPD Ref Val
					110
				%RPD	RPDLimit

Sample ID: F05110447-001BDUP	SampType: DUP	TestCode: ALKALINITY	Units: mg/L	Prep Date:	RunNo: 41602
Batch ID: R41602		TestNo: SM2320 B		Analysis Date: 11/14/2005	SeqNo: 997984
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val
Alkalinity, Phenolphthalein	0.16	U	0.16		
Alkalinity, Total (As CaCO3)	120		0.16		
				%REC	LowLimit
					0
				HighLimit	RPD Ref Val
					120
				%RPD	RPDLimit
					0.168
					20

Data Qualifier Code Key: I Analyte detected below quantitation limits U Not Detected Above the MDL Q Holding times for preparation or analysis exceeded

ANALYTICAL QC SUMMARY REPORT

CLIENT: Diversified Drilling Corporation*
Work Order: F05110438
Project: 5505/FPL-Turkey Point

TestCode: BOD

Sample ID: MB-31669	Sample Type: MBLK	TestCode: BOD	Units: mg/L	Prep Date: 11/11/2005	RunNo: 41746
Client ID: MB-31669	Batch ID: 31669	TestNo: E405.1	E405.1	Analysis Date: 11/16/2005	SeqNo: 997687
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val
Biochemical Oxygen Demand	2.0	U	2.0		
				LowLimit	HighLimit
					RPDLimit
					0.2

Sample ID: LCS-31669	Sample Type: LCS	TestCode: BOD	Units: mg/L	Prep Date: 11/11/2005	RunNo: 41746
Client ID: LCS-31669	Batch ID: 31669	TestNo: E405.1	E405.1	Analysis Date: 11/16/2005	SeqNo: 997688
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val
Biochemical Oxygen Demand	200		2.0	200	
				LowLimit	HighLimit
					RPDLimit
					115
					104
					85

Data Qualifier Code Key:
 I Analyte detected below quantitation limits
 U Not Detected Above the MDL
 Q Holding times for preparation or analysis exceeded

ANALYTICAL QC SUMMARY REPORT

CLIENT: Diversified Drilling Corporation*
Work Order: F05110438
Project: 5505/FPL-Turkey Point

TestCode: COLOR

Sample ID: QCS	SampType: QCS	TestCode: COLOR	Units: c.u.	Prep Date:	RunNo: 41584
Client ID: QCS	Batch ID: R41584	TestNo: E110.2		Analysis Date: 11/11/2005	SeqNo: 998572
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val
Color	20		5.0	0	
				%REC	LowLimit
				100	90
					HighLimit
					110
					%RPD
					RPDLimit

Sample ID: MB-R41584	SampType: MBLK	TestCode: COLOR	Units: c.u.	Prep Date:	RunNo: 41584
Client ID: MB-R41584	Batch ID: R41584	TestNo: E110.2		Analysis Date: 11/11/2005	SeqNo: 998571
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val
Color	5.0	U	5.0		
				%REC	LowLimit
					HighLimit
					RPD Ref Val
					%RPD
					RPDLimit

Sample ID: F05110438-001ADUP	SampType: DUP	TestCode: COLOR	Units: c.u.	Prep Date:	RunNo: 41584
Client ID: PW-3 DUP	Batch ID: R41584	TestNo: E110.2		Analysis Date: 11/11/2005	SeqNo: 998574
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val
Color	5.0	UQ	5.0		
				%REC	LowLimit
					HighLimit
					RPD Ref Val
					%RPD
					RPDLimit

Data I Analyte detected below quantitation limits Q Holding times for preparation or analysis exceeded
Qualifier U Not Detected Above the MDL
Code Key:

ANALYTICAL QC SUMMARY REPORT

CLIENT: Diversified Drilling Corporation*
Work Order: F05110438
Project: 5505/FPL-Turkey Point

TestCode: COND120_W

Sample ID: MB-R41618	SampType: MBLK	TestCode: COND120_W	Units: µmhos/cm	Prep Date:	RunNo: 41618
Client ID: MB-R41618	Batch ID: R41618	TestNo: E120.1		Analysis Date: 11/14/2005	SeqNo: 999468
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val
Conductance, Specific	1.00	U	1.00		
				%REC	LowLimit
					HighLimit
					RPD Ref Val
					%RPD
					RPDLimit

Sample ID: LCS-R41618	SampType: LCS	TestCode: COND120_W	Units: µmhos/cm	Prep Date:	RunNo: 41618
Client ID: LCS-R41618	Batch ID: R41618	TestNo: E120.1		Analysis Date: 11/14/2005	SeqNo: 999469
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val
Conductance, Specific	1400		1.00	1410	0
				%REC	LowLimit
					HighLimit
					RPD Ref Val
					%RPD
					RPDLimit

Sample ID: F05110447-007BDUP	SampType: DUP	TestCode: COND120_W	Units: µmhos/cm	Prep Date:	RunNo: 41618
	Batch ID: R41618	TestNo: E120.1		Analysis Date: 11/14/2005	SeqNo: 999490
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val
Conductance, Specific	3790		1.00	3790	0.0528
				%REC	LowLimit
					HighLimit
					RPD Ref Val
					%RPD
					RPDLimit

Data I Analyte detected below quantitation limits Q Holding times for preparation or analysis exceeded
Qualifier U Not Detected Above the MDL
Code Key:

ANALYTICAL QC SUMMARY REPORT

CLIENT: Diversified Drilling Corporation*
Work Order: F05110438
Project: 5505/FPL-Turkey Point

TestCode: IC300_W

Sample ID: QCS	SampType: QCS	TestCode: IC300_W	Units: mg/L	Prep Date:	RunNo: 41578						
Client ID: QCS	Batch ID: R41578	TestNo: E300.0		Analysis Date: 11/10/2005	SeqNo: 994793						
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit

Chloride	5.2		0.036	5.0	0	104	90	110			
Fluoride	0.51		0.0076	0.50	0	102	90	110			
Nitrogen, Nitrate	0.53		0.0091	0.50	0	106	90	110			
Phosphorus, Orthophosphate (As P)	1.0		0.021	1.0	0	102	90	110			
Sulfate	5.2		0.051	5.0	0	104	90	110			

Sample ID: MB	SampType: ABLK	TestCode: IC300_W	Units: mg/L	Prep Date:	RunNo: 41578						
Client ID: MB	Batch ID: R41578	TestNo: E300.0		Analysis Date: 11/10/2005	SeqNo: 994794						
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit

Chloride	0.036	U	0.036								
Fluoride	0.0076	U	0.0076								
Nitrogen, Nitrate	0.0091	U	0.0091								
Phosphorus, Orthophosphate (As P)	0.021	U	0.021								
Sulfate	0.051	U	0.051								

Sample ID: F05110420-001AMS	SampType: MS	TestCode: IC300_W	Units: mg/L	Prep Date:	RunNo: 41578						
Batch ID: R41578-C		TestNo: E300.0		Analysis Date: 11/11/2005	SeqNo: 995089						
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit

Chloride	25		0.036	10	14	106	90	110			
Fluoride	1.0		0.0076	1.0	0.038	100	90	110			
Nitrogen, Nitrate	2.3		0.0091	1.0	1.3	101	90	110			
Phosphorus, Orthophosphate (As P)	2.1		0.021	2.0	0.040	103	90	110			
Sulfate	11		0.051	10	0.43	101	90	110			

Data Qualifier Code Key:
 I Analyte detected below quantitation limits
 U Not Detected Above the MDL
 Q Holding times for preparation or analysis exceeded

ANALYTICAL QC SUMMARY REPORT

CLIENT: Diversified Drilling Corporation*
Work Order: F05110438
Project: 5505/FPL-Turkey Point

TestCode: IC300_W

Sample ID: F05110420-001AMSD **SampType:** MSD **TestCode:** IC300_W **Units:** mg/L **Prep Date:** RunNo: 41578
Batch ID: R41578-C **TestNo:** E300.0 **Analysis Date:** 11/11/2005 **SeqNo:** 995093

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Chloride	25		0.036	10	14	107	90	110	25	0.0923	20
Fluoride	1.1		0.0076	1.0	0.038	102	90	110	1.0	1.51	20
Nitrogen, Nitrate	2.3		0.0091	1.0	1.3	102	90	110	2.3	0.461	20
Phosphorus, Orthophosphate (As P)	2.1		0.021	2.0	0.040	105	90	110	2.1	2.02	20
Sulfate	11		0.051	10	0.43	102	90	110	11	0.627	20

Data Qualifier Code Key:
 I Analyte detected below quantitation limits
 U Not Detected Above the MDL
 Q Holding times for preparation or analysis exceeded

ANALYTICAL QC SUMMARY REPORT

CLIENT: Diversified Drilling Corporation*
Work Order: F05110438
Project: 5505/FPL-Turkey Point

TestCode: ICP-6010_W

Sample ID: MB-31646	SampType: MBLK	TestCode: ICP-6010_W	Units: µg/L	Prep Date: 11/11/2005	RunNo: 41698						
Client ID: MB-31646	Batch ID: 31646	TestNo: SW6010	SW3005A	Analysis Date: 11/16/2005	SeqNo: 1001072						
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit

Boron	8.0	U	8.0								
Calcium	87	I	87								
Iron	8.9	U	8.9								
Magnesium	5.0	U	5.0								
Manganese	0.65	U	0.65								
Potassium	59	U	59								
Sodium	340	U	340								

Sample ID: LCS-31646	SampType: LCS	TestCode: ICP-6010_W	Units: µg/L	Prep Date: 11/11/2005	RunNo: 41698						
Client ID: LCS-31646	Batch ID: 31646	TestNo: SW6010	SW3005A	Analysis Date: 11/16/2005	SeqNo: 1001074						
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit

Boron	2500		8.0	2500	0	99.2	90	110			
Calcium	12000		87	12000	87	94.5	85	115			
Iron	2500		8.9	2500	0	101	90	110			
Magnesium	12000		5.0	12000	0	100	85	115			
Manganese	260		0.65	250	0	104	90	110			
Potassium	13000		59	12000	0	102	85	115			
Sodium	13000		340	12000	0	106	85	115			

Sample ID: F05110440-006AMS	SampType: MS	TestCode: ICP-6010_W	Units: µg/L	Prep Date: 11/11/2005	RunNo: 41698						
Batch ID: 31646		TestNo: SW6010	SW3005A	Analysis Date: 11/16/2005	SeqNo: 1001084						
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit

Boron	2500		8.0	2500	11	101	75	125			
Calcium	60000		87	12000	47000	107	75	125			
Iron	2900		8.9	2500	250	105	75	125			
Magnesium	14000		5.0	12000	1200	100	75	125			

Data I Analyte detected below quantitation limits Q Holding times for preparation or analysis exceeded
Qualifier U Not Detected Above the MDL
Code Key:

ANALYTICAL QC SUMMARY REPORT

CLIENT: Diversified Drilling Corporation*
Work Order: F05110438
Project: 5505/FPL-Turkey Point

TestCode: ICP-6010_W

Sample ID: F05110440-006AMS	SampType: MS	TestCode: ICP-6010_W	Units: µg/L	Prep Date: 11/11/2005	RunNo: 41698
Batch ID: 31646	TestNo: SW6010	SW3005A		Analysis Date: 11/16/2005	SeqNo: 1001084

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Manganese	260		0.65	250	1.4	104	75	125			
Potassium	14000		59	12000	100	109	75	125			
Sodium	16000		340	12000	2600	107	75	125			

Sample ID: F05110440-006AMSD	SampType: MSD	TestCode: ICP-6010_W	Units: µg/L	Prep Date: 11/11/2005	RunNo: 41698
Batch ID: 31646	TestNo: SW6010	SW3005A		Analysis Date: 11/16/2005	SeqNo: 1001085

Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Boron	2500		8.0	2500	11	101	75	125	2500	0	20
Calcium	59000		87	12000	47000	97.6	75	125	60000	2.01	20
Iron	2800		8.9	2500	250	103	75	125	2900	1.05	20
Magnesium	14000		5.0	12000	1200	100	75	125	14000	0	20
Manganese	260		0.65	250	1.4	104	75	125	260	0.382	20
Potassium	14000		59	12000	100	107	75	125	14000	1.47	20
Sodium	16000		340	12000	2600	105	75	125	16000	1.89	20

Data Qualifier Code Key:
 I Analyte detected below quantitation limits
 U Not Detected Above the MDL
 Q Holding times for preparation or analysis exceeded

ANALYTICAL QC SUMMARY REPORT

CLIENT: Diversified Drilling Corporation*
Work Order: F05110438
Project: 5505/FPL-Turkey Point

TestCode: N-NH3_W

Sample ID: QCS	SampType: QCS	TestCode: N-NH3_W	Units: mg/L	Prep Date:	RunNo: 41655						
Client ID: QCS	Batch ID: R41655	TestNo: E350.1		Analysis Date: 11/15/2005	SeqNo: 995106						
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Nitrogen, Ammonia (As N)	6.9		0.014	6.8	0	101	90	110			

Sample ID: CCB	SampType: ABLK	TestCode: N-NH3_W	Units: mg/L	Prep Date:	RunNo: 41655						
Client ID: CCB	Batch ID: R41655	TestNo: E350.1		Analysis Date: 11/15/2005	SeqNo: 995112						
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Nitrogen, Ammonia (As N)	0.014	U	0.014								

Sample ID: F05110177-004EMS	SampType: MS	TestCode: N-NH3_W	Units: mg/L	Prep Date:	RunNo: 41655						
	Batch ID: R41655	TestNo: E350.1		Analysis Date: 11/15/2005	SeqNo: 995140						
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Nitrogen, Ammonia (As N)	10		0.014	1.0	9.1	101	80	120			

Sample ID: F05110177-004EDUP	SampType: DUP	TestCode: N-NH3_W	Units: mg/L	Prep Date:	RunNo: 41655						
	Batch ID: R41655	TestNo: E350.1		Analysis Date: 11/15/2005	SeqNo: 995137						
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Nitrogen, Ammonia (As N)	9.1	x	0.014						9.1	0.109	20

Data I Analyte detected below quantitation limits Q Holding times for preparation or analysis exceeded
Qualifier U Not Detected Above the MDL
Code Key:

ANALYTICAL QC SUMMARY REPORT

CLIENT: Diversified Drilling Corporation*
Work Order: F05110438
Project: 5505/FPL-Turkey Point

TestCode: PH150_W

Sample ID: F05110276-010JDUP	SampType: DUP	TestCode: PH150_W	Units: pH units	Prep Date:	RunNo: 41585						
	Batch ID: R41585	TestNo: E150.1		Analysis Date: 11/11/2005	SeqNo: 998489						
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
pH	7.59	Q	0.100						7.62	0.394	20

Sample ID: F05110438-001ADUP	SampType: DUP	TestCode: PH150_W	Units: pH units	Prep Date:	RunNo: 41585						
	Batch ID: R41585	TestNo: E150.1		Analysis Date: 11/11/2005	SeqNo: 998491						
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
pH	7.51	Q	0.100						7.52	0.133	20

Sample ID: F05110464-001MDUP	SampType: DUP	TestCode: PH150_W	Units: pH units	Prep Date:	RunNo: 41585						
	Batch ID: R41585	TestNo: E150.1		Analysis Date: 11/11/2005	SeqNo: 998511						
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
pH	7.98	Q	0.100						8.02	0.500	20

Data I Analyte detected below quantitation limits Q Holding times for preparation or analysis exceeded
Qualifier U Not Detected Above the MDL
Code Key:

ANALYTICAL QC SUMMARY REPORT

CLIENT: Diversified Drilling Corporation*
Work Order: F05110438
Project: 5505/FPL-Turkey Point

TestCode: P-TOT_W

Sample ID: MB-31687	SampType: MBLK	TestCode: P-TOT_W	Units: mg/L	Prep Date: 11/14/2005	RunNo: 41684
Client ID: MB-31687	Batch ID: 31687	TestNo: E365.4	E351.2	Analysis Date: 11/16/2005	SeqNo: 995244
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val
Phosphorus, Total (as P)	0.0064	U	0.0064		

Sample ID: LCS-31687	SampType: LCS	TestCode: P-TOT_W	Units: mg/L	Prep Date: 11/14/2005	RunNo: 41684
Client ID: LCS-31687	Batch ID: 31687	TestNo: E365.4	E351.2	Analysis Date: 11/16/2005	SeqNo: 995246
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val
Phosphorus, Total (as P)	4.0		0.0064	4.0	0

Sample ID: F05110279-001AMS	SampType: MS	TestCode: P-TOT_W	Units: mg/L	Prep Date: 11/14/2005	RunNo: 41684
Batch ID: 31687		TestNo: E365.4	E351.2	Analysis Date: 11/16/2005	SeqNo: 995256
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val
Phosphorus, Total (as P)	3.0		0.0064	1.2	1.8

Sample ID: F05110279-001ADUP	SampType: DUP	TestCode: P-TOT_W	Units: mg/L	Prep Date: 11/14/2005	RunNo: 41684
Batch ID: 31687		TestNo: E365.4	E351.2	Analysis Date: 11/16/2005	SeqNo: 995252
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val
Phosphorus, Total (as P)	1.8		0.0064		1.8

Sample ID: QCS	SampType: QCS	TestCode: P-TOT_W	Units: mg/L	Prep Date:	RunNo: 41684
Client ID: QCS	Batch ID: R41684	TestNo: E365.4		Analysis Date: 11/16/2005	SeqNo: 995238
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val
Phosphorus, Total (as P)	6.6		0.0064	6.3	0

Data I Analyte detected below quantitation limits Q Holding times for preparation or analysis exceeded
Qualifier U Not Detected Above the MDL
Code Key:

ANALYTICAL QC SUMMARY REPORT

CLIENT: Diversified Drilling Corporation*
Work Order: F05110438
Project: 5505/FPL-Turkey Point

TestCode: S-376.1-H2S

Sample ID: LCS-LOW	SampType: LCS-LOW	TestCode: S-376.1-H2S	Units: mg/L	Prep Date:	RunNo: 41625						
Client ID: LCS-LOW	Batch ID: R41625	TestNo: E376.1		Analysis Date: 11/14/2005	SeqNo: 998331						
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Sulfide	3.3		0.32	3.2	0	102	80	120			

Sample ID: MB-R41625	SampType: MBLK	TestCode: S-376.1-H2S	Units: mg/L	Prep Date:	RunNo: 41625						
Client ID: MB-R41625	Batch ID: R41625	TestNo: E376.1		Analysis Date: 11/14/2005	SeqNo: 998326						
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Sulfide	0.32	U	0.32								

Sample ID: LCS-R41625	SampType: LCS	TestCode: S-376.1-H2S	Units: mg/L	Prep Date:	RunNo: 41625						
Client ID: LCS-R41625	Batch ID: R41625	TestNo: E376.1		Analysis Date: 11/14/2005	SeqNo: 998327						
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Sulfide	6.0		0.32	6.5	0	93.2	80	120			

Data I Analyte detected below quantitation limits Q Holding times for preparation or analysis exceeded
Qualifier U Not Detected Above the MDL
Code Key:

ANALYTICAL QC SUMMARY REPORT

CLIENT: Diversified Drilling Corporation*
Work Order: F05110438
Project: 5505/FPL-Turkey Point

TestCode: SILICA-370.1

Sample ID: MB-R41660	SampType: MBLK	TestCode: SILICA-370.1	Units: mg/L	Prep Date:	RunNo: 41660
Client ID: MB-R41660	Batch ID: R41660	TestNo: E370.1		Analysis Date: 11/15/2005	SeqNo: 997964
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val
Silica, Dissolved (as SiO2)	0.19	U	0.19		
				%REC	LowLimit
					HighLimit
					RPD Ref Val
					%RPD
					RPDLimit

Sample ID: LCS-R41660	SampType: LCS	TestCode: SILICA-370.1	Units: mg/L	Prep Date:	RunNo: 41660
Client ID: LCS-R41660	Batch ID: R41660	TestNo: E370.1		Analysis Date: 11/15/2005	SeqNo: 997965
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val
Silica, Dissolved (as SiO2)	10		0.19	10	0
				%REC	LowLimit
					HighLimit
					RPD Ref Val
					%RPD
					RPDLimit

Sample ID: F05110233-007AMS	SampType: MS	TestCode: SILICA-370.1	Units: mg/L	Prep Date:	RunNo: 41660
	Batch ID: R41660	TestNo: E370.1		Analysis Date: 11/15/2005	SeqNo: 997968
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val
Silica, Dissolved (as SiO2)	9.2		0.19	4.0	5.4
				%REC	LowLimit
					HighLimit
					RPD Ref Val
					%RPD
					RPDLimit

Sample ID: F05110233-007ADUP	SampType: DUP	TestCode: SILICA-370.1	Units: mg/L	Prep Date:	RunNo: 41660
	Batch ID: R41660	TestNo: E370.1		Analysis Date: 11/15/2005	SeqNo: 997967
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val
Silica, Dissolved (as SiO2)	5.3		0.19	5.4	5.4
				%REC	LowLimit
					HighLimit
					RPD Ref Val
					%RPD
					RPDLimit

Data I Analyte detected below quantitation limits Q Holding times for preparation or analysis exceeded
Qualifier U Not Detected Above the MDL

ANALYTICAL QC SUMMARY REPORT

CLIENT: Diversified Drilling Corporation*
Work Order: F05110438
Project: 5505/FPL-Turkey Point

TestCode: SOLIDS-TD

Sample ID: MB-31637	SampType: MBLK	TestCode: SOLIDS-TD	Units: mg/L	Prep Date: 11/10/2005	RunNo: 41524
Client ID: MB-31637	Batch ID: 31637	TestNo: E160.1	E160.1	Analysis Date: 11/10/2005	SeqNo: 999690
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val
Solids, Total Dissolved	1.2	U	1.2		

Sample ID: LCS-31637	SampType: LCS	TestCode: SOLIDS-TD	Units: mg/L	Prep Date: 11/10/2005	RunNo: 41524
Client ID: LCS-31637	Batch ID: 31637	TestNo: E160.1	E160.1	Analysis Date: 11/10/2005	SeqNo: 999692
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val
Solids, Total Dissolved	300		1.2	300	0
				101	90
				110	

Sample ID: F05110438-001ADUP	SampType: DUP	TestCode: SOLIDS-TD	Units: mg/L	Prep Date: 11/10/2005	RunNo: 41524
Client ID: PW-3 DUP	Batch ID: 31637	TestNo: E160.1	E160.1	Analysis Date: 11/10/2005	SeqNo: 999709
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val
Solids, Total Dissolved	2100		1.2	2100	1.41
				2100	1.41

Data I Analyte detected below quantitation limits Q Holding times for preparation or analysis exceeded
Qualifier U Not Detected Above the MDL
Code Key:

ANALYTICAL QC SUMMARY REPORT

CLIENT: Diversified Drilling Corporation*
Work Order: F05110438
Project: 5505/FPL-Turkey Point

TestCode: SOLIDS-TS

Sample ID: MB-31708	SampType: MBLK	TestCode: SOLIDS-TS	Units: mg/L	Prep Date: 11/15/2005	RunNo: 41626
Client ID: MB-31708	Batch ID: 31708	TestNo: E160.2	E160.2	Analysis Date: 11/15/2005	SeqNo: 999848
Analyte	Result Qual	MDL	SPK value	%REC LowLimit HighLimit	RPD Ref Val %RPD RPDLimit
Solids, Suspended (Residue, Non-Filter)	0.77 U	0.77			

Sample ID: LCS-31708	SampType: LCS	TestCode: SOLIDS-TS	Units: mg/L	Prep Date: 11/15/2005	RunNo: 41626
Client ID: LCS-31708	Batch ID: 31708	TestNo: E160.2	E160.2	Analysis Date: 11/15/2005	SeqNo: 999851
Analyte	Result Qual	MDL	SPK value	%REC LowLimit HighLimit	RPD Ref Val %RPD RPDLimit
Solids, Suspended (Residue, Non-Filter)	80	0.77	80	100 90 110	

Sample ID: F05110438-001ADUP	SampType: DUP	TestCode: SOLIDS-TS	Units: mg/L	Prep Date: 11/15/2005	RunNo: 41626
Client ID: PW-3 DUP	Batch ID: 31708	TestNo: E160.2	E160.2	Analysis Date: 11/15/2005	SeqNo: 999856
Analyte	Result Qual	MDL	SPK value	%REC LowLimit HighLimit	RPD Ref Val %RPD RPDLimit
Solids, Suspended (Residue, Non-Filter)	0.77 U	0.77			0 0 20

Data Qualifier Code Key:
 I Analyte detected below quantitation limits
 U Not Detected Above the MDL
 Q Holding times for preparation or analysis exceeded

ANALYTICAL QC SUMMARY REPORT

CLIENT: Diversified Drilling Corporation*
Work Order: F05110438
Project: 5505/FPL-Turkey Point

TestCode: TURB_W

Sample ID: QCS	SampType: QCS	TestCode: TURB_W	Units: NTU	Prep Date:	RunNo: 41586
Client ID: QCS	Batch ID: R41586	TestNo: E180.1		Analysis Date: 11/11/2005	SeqNo: 998376
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val
Turbidity	14		0.040	14	0
				%REC	LowLimit
				100	90
				HighLimit	RPDLimit
					110
				%RPD	RPDLimit

Sample ID: MB-R41586	SampType: MBLK	TestCode: TURB_W	Units: NTU	Prep Date:	RunNo: 41586
Client ID: MB-R41586	Batch ID: R41586	TestNo: E180.1		Analysis Date: 11/11/2005	SeqNo: 998375
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val
Turbidity	0.040	U	0.040		
				%REC	LowLimit
				HighLimit	RPDLimit
				%RPD	RPDLimit

Sample ID: F05110448-001MDUP	SampType: DUP	TestCode: TURB_W	Units: NTU	Prep Date:	RunNo: 41586
	Batch ID: R41586	TestNo: E180.1		Analysis Date: 11/11/2005	SeqNo: 998379
Analyte	Result	Qual	MDL	SPK value	SPK Ref Val
Turbidity	0.040	U	0.040		
				%REC	LowLimit
				HighLimit	RPDLimit
				%RPD	RPDLimit

Data I Analyte detected below quantitation limits Q Holding times for preparation or analysis exceeded
Qualifier U Not Detected Above the MDL
Code Key: