

August 1, 2014 ECT No. 140511-0100-1700

Ms. Linda Bauer Florida Department of Environmental Protection 160 W. Government Street Pensacola, Florida 32502-5794

RE: Laboratory Analytical Data
Monitoring Well MW-4
Former Bay Tank & Fabricating Co., Inc.
1810 Industrial Drive
Panama City, Bay County, Florida
Facility Identification No.: COM_327739

Dear Ms. Bauer:

Environmental Consulting and Technology, Inc (ECT) was authorized by the property owner to re-sample one monitoring well at the former Bay Tank & Fabricating Co., Inc. Impacted soil (petroleum and metals) and metals impacted groundwater was encountered during Phase II Environmental Site Assessment (ESA) activities at the site. In reviewing the Phase II data, it was reported that elevated turbidity levels were encountered during the Phase II ESA groundwater sampling event and a trend was observed which showed the lower the turbidity value the lower the metals (chromium and lead) concentration. The Phase II ESA was forwarded to FDEP-Northwest District on July 14, 2014 for review. A copy of the Groundwater Analytical Summary table (Table 3) from the Phase II ESA is provided in Appendix A.

ECT personnel mobilized to the site on July 23, 2014 to collect a groundwater sample from the metals impacted monitoring well (MW-4). The location of the monitoring well is shown in Figure 1. Groundwater sampling activities were conducted according to FDEP's standard operating procedures for field activities (DEP-SOP-001/01) with the May 2012 revisions. A copy of the groundwater sampling log and field equipment calibration records are provided in Appendix B.

The groundwater analytical results for the sample collected from monitoring well MW-4 were reported to be below the groundwater cleanup target levels (GCTLs) for both compounds analyzed. The results of ECTs sampling of monitoring well MW-4 are summarized in Table 1 along with Phase II ESA results for the same well. A copy of the groundwater laboratory analytical data is provided in Appendix C.

ECT recommends collecting one additional sample for compound lead in attempt to achieve two consecutive clean sampling events. This sampling can be performed during proposed source removal activities planned to remediate the metals and chromium impacted soils encountered during the Phase II ESA. Delineation of the impacted soil was

2507 Callaway Rd, Suite 102 Tallahassee, FL 32303

(850) 383-0009

FAX (850) 383-0008 Ms. Linda Bauer FDEP August 1, 2014 Page 2

completed during the Phase II field activities. ECT will be submitting a proposed excavation plan in a separate submittal.

If you should have any questions, please do not hesitate to call me at (850) 383-0009.

Sincerely,

ENVIRONMENTAL CONSULTING & TECHNOLOGY, INC.

Susan M. McConnell, CFEA

ison M. McCornell

Project Manager

James Spinnenweber, P.E

Florida Professional Engineer No. 52106

Appendices

Appendix A Phase II ESA Groundwater Analytical Summary

Appendix B Groundwater sampling log and field equipment calibration records

Appendix C Groundwater Laboratory Analytical Data



TABLE 1: GROUND WATER MONITORING WELL ANALYTICAL SUMMARY (MW-4)

Facility Name: Former Bay Tank & Fabricating Co, Inc.

Facility Address: 1810 Industrial Drive

Panama City, Bay County, Florida

FAC ID: COM_327739

Well Stick Up: 2.95 feet

Sample Location	DATE	Total Well Depth (ft)	Screen Interval (ft)	Depth to Water (ft)*	Arsenic	Barium	Cadmium	Chromium	Lead
GCTLs					10	2000	5	100	15
MW-4	4/17/14	11.8	1.8 - 11.8	5.52	8.5 U	200	1.8	160	270
	5/6/14			4.95	2.1	47	0.391	14	20
	7/23/14			4.3	NA	NA	NA	2.5 U	5.0 U

Notes:

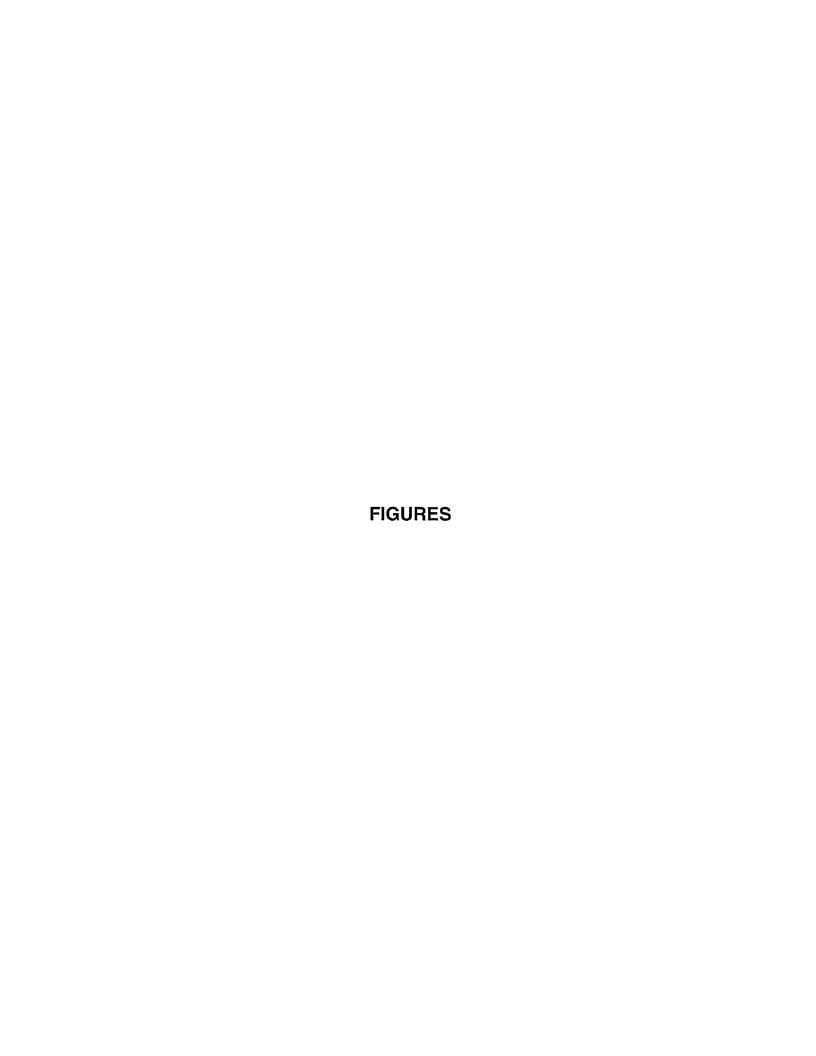
Concentrations in µg/L

NA = Not Analyzed

^{* =} Depth to water is measurement from the top of casing minus the stick up

U = Below method detection limits

I = The report value is in between the MDL and the PQL.



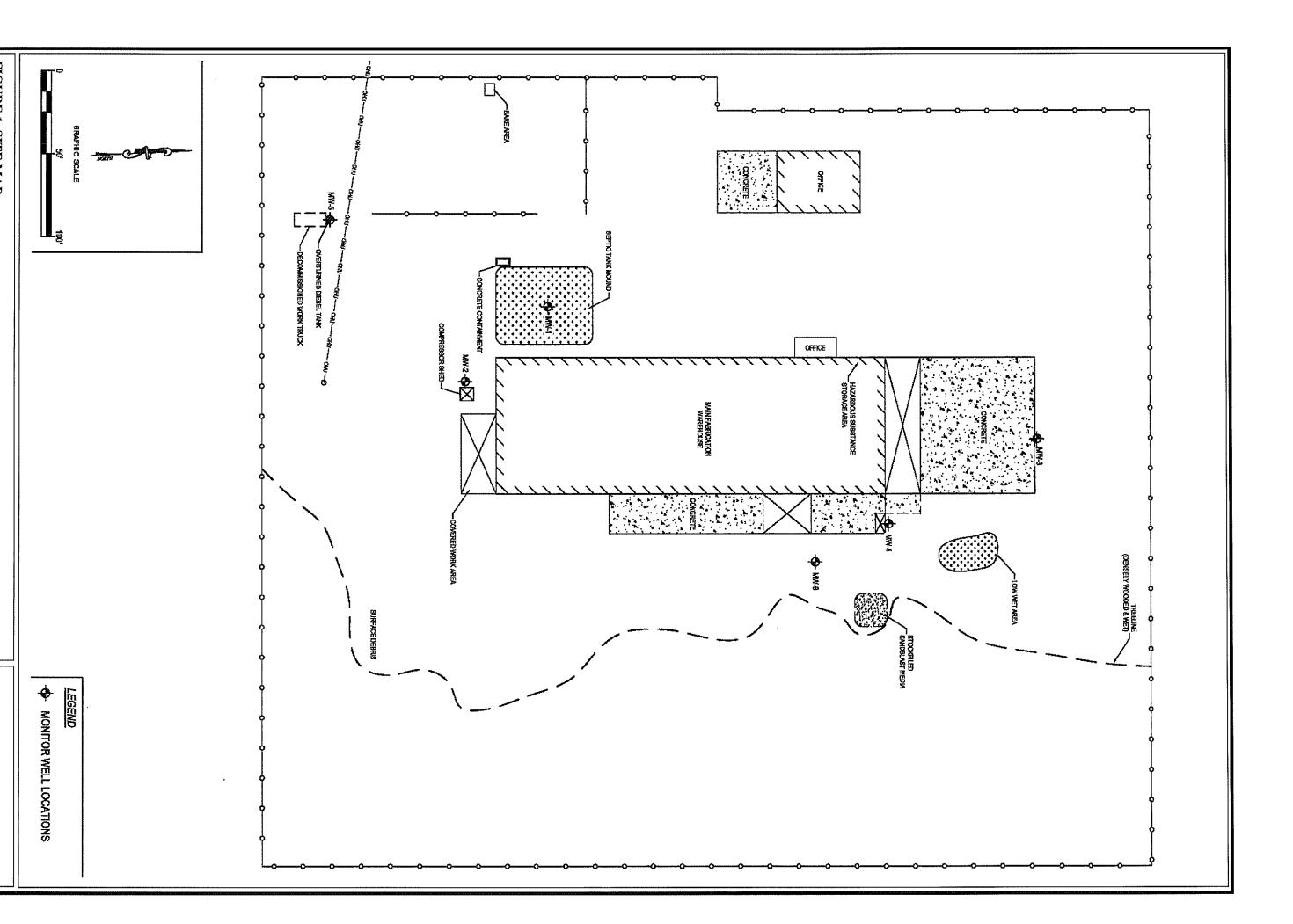


FIGURE 1. SITE MAP
FORMER BAY TANK & FABRICATING CO., INC.
1810 INDUSTRIAL DRIVE
PANAMA CITY, BAY COUNTY, FLORIDA
Source: SESI, PHASE || ESA 2014

mental Consulting & Technold

mental Consulting & Technology, Inc.

APPENDIX A PHASE II ESA GROUNDWATER ANALYTICAL SUMMARY

TABLE 3: GROUNDWATER ANALYTICAL SUMMARY

Facility Name: Former Bay Tank & Fabricating

Facility ID #: N/A

SESI Project #: P14-0067

Contaminan		Besses	Talasas	f #1						· · · · · · · · · · · · · · · · · · ·
GCTL		Benzene 1	Toluene 40	Ethylbenzene 30	Xylenes	Total VOA	MTBE	1,2,4-Trimethylbenzene	Acetone	Other VOCs
		<u> </u>	40	30	20	N/A	20	10	6300	Various
	imple									
Location	Date			1						
MW-1	4/17/2014	0.21 U	0.28 U	0.24 U	0.62 U	1.35 U	0.32 U	0.25 U	3.3 U	<mdls< td=""></mdls<>
MW-2	4/17/2014	0.21 U	0.28 U	0.24 U	0.62 U	1.35 U	0.32 U	0.25 U	3.3 U	<mdls< td=""></mdls<>
MW-3	4/17/2014	0.21 U	0.28 U	0.24 U	0.62 U	1.35 U	0.32 U	0.25 U	3.3 U	<mdls< td=""></mdls<>
MW-4	4/17/2014	0.21 U	0.28 U	0.24 U	0.62 V	1.35 U	0.32 U	0,25 U	8.5	<mdls< td=""></mdls<>
MW-4	5/6/2014	NS NS	NS	NS	NS	NS	NS.	NS	NS	NS
MW-5	4/17/2014	0.21 U	0.28 U	0.24 U	0.62 ป	1.35 U	0.32 U	0.25 U	3.3 U	<mdls< td=""></mdls<>
MW-6	5/6/2014	0.21 ช	D.28 U	0.24 U	0.62 U	1.35 U	0.32 U	0,421	3.3 U	<mdls< td=""></mdls<>
Contaminan	t>	1-Methylnaphthalene	2-Methylnaphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Senzo[b]fiuoranthene	Benzo(g,h,i)perylene
GCTL		28	28	20	210	2100	0.05	0.2	0.05	210
	mple				·+		0.00		0.03	210
Location	Date									
MW-1	4/17/2014	0.048 U	0.045 U	0.034 U	0.030 U	0.028 U	0.026 U	0,024 U	0.040 U	0.034 U
MW-2	4/17/2014	0.048 U	0.045 U	0.034 U	0.030 U	0.028 U	0.026 U	0.024 U	0.040 U	0.034 U
MW-3	4/17/2014	0.048 U	0.045 U	0.034 U	0.030 U	0.025	0.026 U	0.024 U	0.040 U	0.034 U
MW-4	4/17/2014	0.048 U	0.045 U	0.034 U	0.030 U	0.028 U	0.053 1*	0.024 U	0.040 U	0.034 U
MW-4	5/6/2014	NS NS	NS	NS	NS NS	0.028 G	0.053 I	0.024 U NS		• • • • • • • • • • • • • • • • • • • •
MW-5	4/17/2014	0.048 U	0.045 U	0.034 U	0.030 U	0.028 U	0.026 U	0.024 U	NS 0.040 U	NS D 024 H
MW-6	5/6/2014	0.141	0.191	0.034 U	0.030 U	0.028 0				0.034 U
							0.0291	0.024 U	0.040 U	0.034 U
Contaminan	t	Benzo[k]fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	fluorene	Indeno[1,2,3-cd]pyrene	Naphthalene	Phenanthrene	Pyrene
GCTL		0.5	4.8	0.005	280	280	0.05	14	210	210
	mple									
Location	Date									
MW-1	4/17/2014	0,058 U	0.041 U	D,042 U	0.027 U	0.030 V	0.048 U	0.053 U	0.036 U	0.033 U
MW-2	4/17/2014	0.058 U	0.041 U	0.042 U	0.027 U	0.030 U	0.048 U	0.053 U	0.036 U	0,033 U
MW-3	4/17/2014	0.058 V	0.041 U	0.042 U	0,027 U	0.030 U	0,048 U	0.053 U	0.036 U	0.033 U
MW-4	4/17/2014	0.058 ช	0.041 U	0.042 U	0.027 U	0.030 U	0.048 U	0.053 U	0.036 U	0.033 U
MW-4	5/6/2014	N\$	NS	NS	NS	N5	NS	NS	NS	NS
MW-5	4/17/2014	0,058 U	0,041 V	0.042 U	0.027 U	0.030 U	0,048 U	0.053 U	0.036 U	0.033 U
MW-6	5/6/2014	0.058 U	0.041 U	0.0491*	0.027 U	0.030 U	0.048 U	0.38	0.042 1	0.033 U
Contaminan!	·	Other SVOCs	Arsenic	Barium	Cadmium	Chromium	Lead	Mercury	Selenium	Silver
GCTL		Various	10	2000	5	100	15	2	50	100
Şaı	mple			· · · · · · · · · · · · · · · · · · ·						
Location	Date									
MW-1	4/17/2014	NS	8.5 U	3.5	0.32 ປ	1.5	1.3 U	0.010 U	6.8 U	0.44 U
MW-2	4/17/2014	NS	8.5 U	20	1.2	1.9	1.31	0.010 U	6.8 U	0.44 U
MW-3	4/17/2014	NS	8.5 U	7.7	0.32 U	2.3	1.3 U	0.010 V	6.8 U	0,44 U
MW-4	4/17/2014	NS	8.5 U	200	1.8	160	270	0.013	181	0.44 U
MW-4	5/6/2014	NS	2.1	47	0.391	14	20	0.010 U	2.71	0.0541
MW-5	4/17/2014	NS	NS NS	NS	NS	NS	NS	N5	NS	NS
MW-6	5/6/2014	NS	0.971	21	0.056 U	3.1	1.31	0.010 U	1.2 U	0.054 U
						V-A 1	2.71	0.010 0	1.¢ U	0.004
Contaminant GCTL		Other Metals	TRPH							
	1-	Various	5000							
Location	mple Date									
MW-1	Date 4/17/2014	NS	1101	1	1					
MW-2	4/17/2014		†							
MW-3		N5	640							
	4/17/2014	NS NS	1301							
MW-4	4/17/2014	NS	790		ļ					
MW-4	5/6/2014	NS	N5							
MW-S	4/17/2014	NS	1201							
MW-6	5/6/2014	NS	790							

Notes

Analytical results reported in micrograms per liter (µg/L), or parts per billion (ppb), equivalent.

NS - Not sampled

U - Indicates the analyte was less than the Method Detection Limit (MDL) for the analysis

1 - Indicates the analyte was detected atal concentration between the MDL and the Practical Quantitation Limit (PQL) V - Indicates the analyte was detected in both the sample and the associated method blank

N/A - Not Applicable

* Pursuant to 5/14/07 FDEP Memo "Quality Assurance and Related Issues", the concentrations to not represent exceedances of GCTLs

GCTLs - Chapter 62-777, F.A.C. Groundwater Cleanup Target Levels

Refer to the attached analytical report for a complete report of analyses

Exceedances of GCTLs

APPENDIX B GROUNDWATER SAMPLING LOG AND FIELD EQUIPMENT CALIBRATION RECORDS

Form FD 9000-24 GROUNDWATER SAMPLING LOG

SITE						TE					
		BAY TAN	K & FABR				310 INDUS	TRIAL DRIV			
WELL NO	: MW-4			SAMPLE II					DATE:	123 1201	4
WELL		TUBIN	···	\\\	····	SING DA	STATIC D)CDTH	Louis	OF DUI 10 TVD	
DIAMETE	R (inches): 2"	DIAMI	TER (inches):	3/16" DEPT	н: 1.8 fee	et to 11.8 fee	et TO WATE	ER (feet): 🗀 - 2	.5 OR E	GE PUMP TYPE BAILER: PP	:
	DLUME PURGE: ut if applicable)	1 WELL VO	LUME = (TOT	AL WELL DEPT	H - STA	TIC DEPTH T	O WATER) X	WELL CAPACIT	ſΥ		
] ' '			= (11	1.8' f	eet -	1.25	feet) X	0.16	gallons/foo	t = 0.7	ζ gallons
(only fill or	INT VOLUME P ut if applicable)	URGE: 1 EQ	= (11 UIPMENT VOL.		ME + (TUB ons + (TY X TU	JBING LENGTH)		L VOLUME gallons =	gallons
1	UMP OR TUBIN	IG	1	P OR TUBING		PURGIN	G	PURGING		TOTAL VOLUM	IE
DEPTHIN	WELL (feet):	1 0111111	DEPTH IN V	T T		INITIATE	DAT: 105 1	DISSOLVED	1123	PURGED (gallo	ns):
TIME	VOLUME PURGED (gallons)	VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	(circle units) µmhos/cm or ((S/cm)	OXYGEN (circle units) mg/Dor % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
11 (1.0		0.05	8.60	6,04	27.79	354	0.70	39.c) HAZY	٢٥٨٠
Iller	0.15	1.12	0.05	8.606	100	27.83	ગુંટ્ટ	0.76	33.3	HAZY	NONE
111-1	0.15	1.30			0.41	27.85	272	00). 0	<u> 30.2</u>	HAZY	LONE
1120	0.13	1.45			0.04	27.88	274	0.70	<u>a6.7</u>	LIATY	Nake
1123	10.13	1.5	10.04	8.78 (n.04	27.89	276	<u>0.65</u>	36.3	HAZY	MEMO
					. .			-			
TUBING II		PACITY (Gal.	0.75" = 0.02; Ft.): 1/8" = 0.0	1" = 0.04; 1 006; 3/16" =	0.0014;		6; 5/16" = 0.0	004; 3/8" = 0.6			' = 5.88 ' = 0.016
PURGING	EQUIPMENT C	ODES: E	= Bailer; B	P = Bladder Pui			Submersible Pur	mp; PP = Per	istaltic Pump	; O = Other	(Specify)
SAMPLED	BY (PRINT) / A	FFILIATION:		SAMPLER(S) S		LING DA	IIA			<u> </u>	
Luc	son Ma	Comm. O	V ECT 1	7	i	M	00-10	SAMPLING NITIATED AT:	1126	SAMPLING ENDED AT:	1/20
PUMP OR	TUBING	~ CONILES	1	TUBING			FIELD-	FILTERED: (Y	W .	FILTER SIZE:	
	WELL (feet): CONTAMINATION	ON: PUN		MATERIAL COE	TUBING	PE Y (re		on Equipment Typ DUPLICATE:	e. Y	TEX CAPS	UL-
SAM	PLE CONTAINE	R SPECIFICA	NOITA	S	AMPLE PR	ESERVATION		INTENDE			MPLE PUMP
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME 1	PRESERVATIVE USED	3	OTAL VOL	FINAL	ANALYSIS AN METHOD			FLOW RATE nL per minute)
MW-4	1	Plastic	250ml	HNO3	ADDE	D IN FIELD (n	nL) pH -	Lead/Chr		APP	<200
	,										
REMARKS	<u>, </u>								African		
		007									
MATERIAL	1 - 1	9.95 AG = Amber	Glass; CG = (Clear Glass;	PE = Poly	ethylene; I	PP = Polypropyle	ene; S = Silicor	e; T = Tefl	on: O = Othe	r (Specify)
SAMPLING	EQUIPMENT		PP = After Peri	staltic Pump;	B = Bail	er; BP = [Bladder Pump;	ESP = Electric	Submersible	Pump;	/=L-4,1)
		F	FPP = Reverse	riow Peristaltic	Pump;	SM = Straw I	Method (Tubing	Gravity Drain);	O = Other (Specify)	

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

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

Revision Date: February 12, 2009

FT 1000 General Field Testing and Measurement

Form FD 9000-8: FIELD INSTRUMENT CALIBRATION RECORDS INSTRUMENT (MAKE/MODEL#) YSI 556 INSTRUMENT # TLH/ L PARAMETER: TEMPERATURE CONDUCTIVITY STANDARDS: [Specify the type(s) of standards used for calibration, the origin of the standards, the standard values, and the date the standards were prepared or purchased] Standard A 4.0 pH Exp: MAR / 16 Lot # 4AC212 Standard B 7.0 pH Exp: SEPT / 15 Lot # 3AI959 Standard C 10.0 pH Exp: AUG / 15 Lot # 3AH644 Standard D 1413 Conductivity Exp: DEC / 14 Lot # 4AD527 Standard E 100% DO

DATE	TIME	STD	STD	INICTOLINATALT	CALIDOATED	441.743.44	
(yy/mm/dd)	(hr:min)	(A, B, C)	VALUE	INSTRUMENT RESPONSE	CALIBRATED (YES, NO)	TYPE (INIT, CONT)	SAMPLER INITIALS
14/07/23	1039	Α	4.00	4.00	Her	INIT.	Sm
		В	7.00	7.00	Yes	INIT.	Sm
		С	10.00	10.02	YES	INIT.	SM
		D	1413	r413	YES	INIT.	S*M
		E	100%	100.9	Yes	INIT.	Sm
V					•		,,,,,,,
14/07/24	0928	Α	4.00	4.07	2	CONT.	R
1 1		В	7.00	6.93	53	CONT.	-R
		С	10.00	10,01	<u></u> 100	CONT.	TE
	VV	D	1413	1411	190	CONT.	N
VV	0946	E	100%	98.9%	M	CONT.	TR
						-	

						,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	

FORMER BAY TANK & FABRICATION - PANAMA CITY, FL

Jun (- 7-24-14

Revision Date: February 1, 2004

DEP-SOP-001/01 FT 1000 General Field Testing and Measurement

Form FD 9000-8: FIELD INSTRUMENT CALIBRATION RECORDS

INSTRUMENT (MAKE/MODEL#)	Hach 2100p	INSTRUMENT # TLH/ /
PARAMETER:	☐ TURBIDITY		
	Specify the type(s) of s the standards were pre		ion, the origin of the standards, the standard
Standard A _	<0.1	Lot: A3318	Exp: Nov - 14
Standard B_	20	Lot: A4007	Exp: Jan - 15
Standard C _	100	Lot: A3357	Exp: Dec - 14
Standard D _	800	Lot: A3353	Exp: Dec - 14

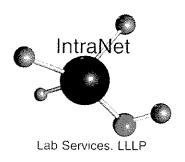
DATE (yy/mm/dd)	TIME (hr:min)	STD (A, B, C)	STD VALUE	INSTRUMENT RESPONSE	CALIBRATED (YES, NO)	TYPE (INIT, CONT)	SAMPLER INITIALS
1 107/23	1039	Α	<0.1	0.10	<i>no</i>	INIT.	Sm
		В	20	20.2	no	INIT.	SM
		С	100	99.8	No	INIT.	SM
		D	800	792	ان	INIT.	SM
	V						
14/07/24	RES	Α	<0.1	0.10	100	Cont.	72
<u> </u>		В	20	20.0	148	Cont.	R
	\bigvee	С	100	98.8	NO	Cont.	7
41	0935	D	800	793	No	Cont.	TR
				··-			

FORMER BAY TANK & FABRICATION - PANAMA CITY, FL

D. R. 7.24-14

Revision Date: February 1, 2004

APPENDIX C GROUNDWATER LABORATORY ANALYTICAL DATA



Report of Analyses

Project Information

Client Name : Environmental Consulting & Technology

Project Manager : Susan McConnell, LEP

Project Name : Former Bay Tank & Fabrication

Purchase Order# :

FAC# :

WO# :

Laboratory Information

Laboratory Utilized : Pace Analytical Services

Laboratory Report # : 35147700 FLDOH/NELAC# : E83079

Laboratory Address : 8 East Tower Circle, Ormond Beach, FL 32174

Laboratory Phone # : 386-672-5668



8 East Tower Circle
Ormond Beach, FL 32174
(386)672-5668



July 30, 2014

Project Manager ECT, Inc 2507 Callaway Rd #102 Tallahassee, FL 32303

RE: Project: Former Bay Tank & Fabrication

Pace Project No.: 35147700

Dear Project Manager:

Enclosed are the analytical results for sample(s) received by the laboratory on July 25, 2014. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Sakina Mckenzie

Sa on ond_

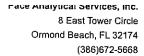
sakina.mckenzie@pacelabs.com

Project Manager

Enclosures

cc: Ms. Ava O'Hollearn, IntraNet Lab Services, LLLP







CERTIFICATIONS

Project:

Former Bay Tank & Fabrication

Pace Project No.: 35147700

Ormond Beach Certification IDs

8 East Tower Circle, Ormond Beach, FL 32174

Alabama Certification #: 41320
Arizona Certification #: AZ0735
Colorado Certification: FL NELAC Reciprocity

Connecticut Certification #: PH-0216 Delaware Certification: FL NELAC Reciprocity

Florida Certification #: E83079 Georgia Certification #: 955

Guam Certification: FL NELAC Reciprocity Hawaii Certification: FL NELAC Reciprocity Illinois Certification #: 200068

Indiana Certification: FL NELAC Reciprocity

Kansas Certification #: E-10383 Kentucky Certification #: 90050

Louisiana Certification #: FL NELAC Reciprocity Louisiana Environmental Certificate #: 05007

Maryland Certification: #346

Massachusetts Certification #: M-FL1264

Michigan Certification #: 9911

Mississippi Certification: FL NELAC Reciprocity

Missouri Certification #: 236 Montana Certification #: Cert 0074 Nebraska Certification: NE-OS-28-14 Nevada Certification: FL NELAC Reciprocity New Hampshire Certification #: 2958 New Jersey Certification #: FL765 New York Certification #: 11608

North Carolina Environmental Certificate #: 667 North Carolina Certification #: 12710

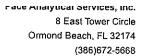
Pennsylvania Certification #: 68-00547 Puerto Rico Certification #: FL01264 South Carolina Certification: #96042001 Tennessee Certification #: TN02974 Texas Certification: FL NELAC Reciprocity

US Virgin Islands Certification: FL NELAC Reciprocity

Virginia Environmental Certification #: 460165

Washington Certification #: C955 West Virginia Certification #: 9962C Wisconsin Certification #: 399079670

Wyoming (EPA Region 8): FL NELAC Reciprocity





SAMPLE SUMMARY

Project:

Former Bay Tank & Fabrication

Pace Project No.: 35147700

Lab ID	Sample ID	Matrix	Date Collected	Date Received	
35147700001	MW-4	Water	07/23/14 11:30	07/25/14 11:52	





SAMPLE ANALYTE COUNT

Project:

Former Bay Tank & Fabrication

Pace Project No.: 35147700

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
35147700001	MW-4	EPA 6010	CRT	2	PASI-O

REPORT OF LABORATORY ANALYSIS



ANALYTICAL RESULTS

Project:

Former Bay Tank & Fabrication

Pace Project No.:

35147700

Sample: MW-4

Date: 07/30/2014 04:52 PM

Lab ID: 35147700001

Collected: 07/23/14 11:30 Received: 07/25/14 11:52 Matrix: Water

·			Concord	.u. 01/20/1	7 11.50	received. 07	723/14 11.52 IVI	auix: vvater	
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytica	al Method: EPA 6	010 Prepa	aration Meth	od: EP	A 3010			
Chromium Lead	2.5U t	•	5.0 10.0	2.5 5.0	1 1		07/29/14 20:29 07/29/14 20:29		



QUALITY CONTROL DATA

Project:

Former Bay Tank & Fabrication

Pace Project No.:

QC Batch Method:

35147700

QC Batch:

MPRP/19791

EPA 3010

Analysis Method: Analysis Description: EPA 6010

6010 MET

Associated Lab Samples: METHOD BLANK: 964902

Matrix: Water

Associated Lab Samples:

35147700001

35147700001

Blank Result Reporting Limit

Qualifiers

Chromium Lead

ug/L ug/L

Units

Units

2.5U 5.0U

07/29/14 19:51 5.0 10.0 07/29/14 19:51

Analyzed

LABORATORY CONTROL SAMPLE:

Parameter

Parameter

Date: 07/30/2014 04:52 PM

Parameter

964903

Units

ug/L

ug/L

Spike Conc.

LCS Result

248

249

LCS % Rec % Rec Limits

Qualifiers

Chromium Lead

Chromium

Lead

ug/L ug/L

250 250

99 99 80-120 80-120

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:

964904

MSD

964905 MS MSD

MS

MSD

% Rec

Max

Limits RPD RPD Qual .6 20

MS 35147467007 Spike

Spike

% Rec

100 75-125 98

75-125 .4 20

Result Conc. Conc. Result Result % Rec 2.91 250 250 251 252 5.0U 250 250 246 245 98

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.



QUALIFIERS

Project:

Former Bay Tank & Fabrication

Pace Project No.: 35147700

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

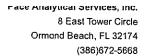
LABORATORIES

PASI-O Pace Analytical Services - Ormond Beach

ANALYTE QUALIFIERS

Date: 07/30/2014 04:52 PM

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





QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project:

Former Bay Tank & Fabrication

Pace Project No.: 35147700

Date: 07/30/2014 04:52 PM

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
35147700001	MW-4	EPA 3010	MPRP/19791	EPA 6010	ICP/12193

			3	MO#:35147700	6	Pageof
IntraNet Lab Services,	Ser.	Ś				1 5
Company Name	ECT INC.	, 2r	n	LAB ANALYSIS	YSIS	Tallahassee, FL 32309 Phone: (850) 385-9400 Fax: (850) 385-2469
Audress 2507	Callaway F	2507 Callaway Road, #102	all Article Sentences	Preservatives (see codes)	e codes)	FDEP Facility No:
City	State State	Zip 32203	***************************************			Mafrix Codoc.
Project Name	ner Bav Ta	Project Name Former Bay Tank & Folke Tocher	8	ก ุเผอ. : a: <		. I 2
Project Manager	Susan McConnell	Connell	and the confidence of the conf	ן 'כע י ז' כע י		A Air S Sulfuric Acid+ Icc SW Surface Water O Other (specify) W Water (Blanks) SVK 2xt,0+1xCH,0H+lee
Item Field ID No.	Date		Matrix # of	— M CI Lean		N/SHZ
h-MW	1-12-21			×		1
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Name and the state of the state	Total	Fotal Number of Containers				Sampling Kit #.
	AND THE REAL PROPERTY	Samples Recd.	Sampled	Sampled Exposed pame(s)/ Alfiliation	JUT / TUB	Sampler(s) Sigrature
Turnaround Time Request		on ice?	No.	4.	Date / Time:	Received by / Affiliation: Date / Time:
Standard	ď	Cooler No.(s) Temp (*C)		Kithen Bro-Ollelle Ins	7-22-14 1110	120 m Mr. (40 1. 2 / 100 1 1 122/14 112
Push Date Bog great		was		12 / Youngall my / 1-21	7081 MEE/11	16 Children 16 75 140 19
				1/11/01 DETIDAMANIE	7-24-141730	Fed Ex 7-24-14 17
Shipment Method	Method	·····				20 DESTAL
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