LAS
LAND ASSESSMENT SERVICES, INC.

January 30, 2015
LAS Project No. 15-463-00969

TO: First Citrus Bank
10824 North Dale Mabry
Tampa, Florida 33618

Attention: Mr. Will Hancock
Management Associate

SUBJECT: ***Limited "Phase II" Environmental Site Assessment***
Gaffin Industrial Services Property
6358 & 6360 South U.S. Highway 301
Riverview, Hillsborough County, Florida

Dear Will:

Land Assessment Services, Inc. (LAS) has completed its limited "Phase II" environmental site assessment of the above referenced site, in accordance with our scope of services dated January 7, 2015.

The objective of our work was to further assess, using limited shallow soil and shallow groundwater testing, the Recognized Environmental Conditions (RECs) identified by GLE Associates, Inc. in its Phase I environmental site assessment (ESA) of the site, dated December 5, 2014. These were 1) a possible leaking aboveground fuel storage tank, and 2) the presence of septic tank/drainfield systems on the property.

First Citrus Bank engaged LAS to conduct limited "Phase II" ESA activities at these locations to determine, if possible, the presence or absence of typical contamination resulting from these kinds of systems.

The work that LAS completed was as follows:

Task I: Collected shallow soil samples at two (2) locations on-site; next to an existing fuel AST, and in the suspected location of a *second* septic tank/drainfield, for screening with an organic vapor analyzer (OVA) for the presence of hydrocarbon vapors. A soil sample was also collected at the fuel AST location for chemical testing using EPA methods 8260 (BTEX) and 8270 (PAH), and FL-PRO.

Task II: Installed two (2) temporary shallow groundwater monitoring wells with truck-mounted drill rig to 12-13 ± feet below land surface (BLS) at two (2) locations on-site. Collected shallow groundwater samples from each well for submittal to an independent state-certified laboratory for chemical testing using appropriate EPA methods.

Task III: Completed a limited "Phase II" ESA letter report containing our field and chemical testing activities and results, and conclusions.

Shallow Soil Screening and Chemical Testing

LAS collected shallow soil samples at 1-foot (+/-) intervals at the fuel AST location (SS-1) and at a *second* suspected septic tank drainfield area (HA-1) (see **Figure 1** for locations), using a decontaminated stainless steel hand auger. The depth of each hand auger boring was approximately 5 feet BLS, or to the encountered water table. A *MiniRae 3000* organic vapor analyzer (OVA) was used to measure hydrocarbon levels.

Hand Auger (HA) Boring	Depth (ft.) (+/-)	OVA Reading in Parts Per Million (PPM)	Moisture/Odor
SS-1 (fuel AST)	1	409*	Dry/mild petro. odor
	2	40.8	Dry/mild petro. odor
	3	59.1	Dry/faint petro. odor
	4	18.1	Dry/faint petro. odor
	5	12.4	Moist/faint petro. odor
HA-1 (second septic tank drainfield)	1	0	Dry/none
	2	0	Dry/none
	3	0	Dry/none
	4	--	Wet/none

*Soil sample collected from this strata. See below. See **Appendix C** for field OVA log.

Also on January 14, 2015, a soil sample (SS-1) was collected at SS-1, just below the asphalt base, in the upper strata (0-1 +/- feet BLS), and submitted to Test America for chemical analysis using EPA method 8260 (gasoline constituents), EPA method 8270 (diesel constituents or PAHs) and FL-PRO (other petroleum constituents). None of the chemical parameters tested produced results in excess of state cleanup target levels (CTLs) per Chapter 62-777 F.A.C. Only some trace levels of petroleum product contaminants (PAHs) were detected. See **Appendix A** for soil chemical testing results and for the required calculation of "benzo (a) pyrene" equivalents (also not in excess state cleanup targets).

At this writing, the final Test America reports were not available; however, final data was available and included in "spreadsheet" format (see **Appendix A**). These reports will be forwarded when available. The same holds true for the shallow groundwater sampling results (see **Appendix B**).

Shallow Groundwater Monitoring Well Installation

On January 14, 2015, LAS installed two (2) shallow groundwater monitoring wells on the subject site at the approximate locations indicated on **Figure 1** (AST area and main drainfield location). These wells were installed from 12-13 +/- feet BLS using a truck-mounted drill rig. All drilling tools were pre-cleaned. Well construction details are provided on **Figure 2**. Shallow soils encountered beneath base materials (crushed asphalt at MW-1) were primarily gray to dark brown fine sand. LAS observed or detected no obvious evidence of shallow soil contamination during drilling operations, except perhaps faint to mild "petroleum odors" at MW-1 (next to AST).

Shallow Groundwater Monitoring Well Sampling

On January 16, 2015, LAS returned to the site to develop, purge and sample the two (2) monitoring wells using a low-volume, variable-speed peristaltic pump, generally in accordance with Florida Department of Environmental Protection (FDEP) standard operating procedures (SOPs). These samples were submitted to Test America, for chemical analysis using EPA method 8260 (BTEX/MTBE), EPA method 8270 (PAHs), and FL-PRO at MW-1; and EPA method 8260 (volatile organic compounds), EPA method 8270 (PAHs), FL-PRO, and the eight (8) "RCRA" metals at MW-2.

None of the parameters tested exceeded state groundwater CTLs. However, trace levels of petroleum product contamination were detected at MW-1. See **Appendix B** for groundwater chemical testing results. See attached **Appendix C** for LAS' "groundwater sampling" and "well construction and development" logs.

Conclusions

LAS checked the fuel AST area at a location likely to be impacted by periodic releases of fuel product during the normal refueling process, for shallow soil contamination, and for shallow groundwater contamination. Soil screening with an OVA indicated the likely presence of hydrocarbons in the shallow soils; however, petroleum contamination in excess of the state CTLs was not detected/confirmed in shallow soil sample SS-1 via chemical testing.

Shallow soil screening at the second suspected septic tank drainfield on the east side of the Gaffin building obtained no readings, and shallow groundwater encountered in the boring did not possess any unusual odors. It is important to note that no monitoring well was installed at this location since the septic tank was once tied to an office trailer, and is now connected to an employee locker room and shower, and therefore, was determined to have very little exposure to the commercial activity performed on the site.

Shallow groundwater testing did not indicate that adverse impacts had resulted from the presence of the fuel AST on-site (MW-1). However, since refueling currently occurs over bare soil, and trace petroleum product contaminants were detected in the shallow groundwater sampled, it would be wise to move this operation to an impervious surface, and to utilize secondary containment, or a "double-walled" tank. Otherwise, the presence of this fuel AST will be an on-going environmental threat to the subject site.

The main septic tank "drainfield" area (MW-2) was tested for a broader scope of parameters, including "RCRA" metals, and no detections in excess of state CTLS were reported. This area was chosen, not only due to its close proximity to the main drainfield, but due to the *potential* for vehicle or engine parts washing in a large sink at the location, with direct wastewater to the ground.

In our opinion, LAS has appropriately "further assessed" the RECs outlined in GLE's Phase I ESA, and has obtained no material findings. In our opinion, no further assessment appears warranted at this time at these locations.

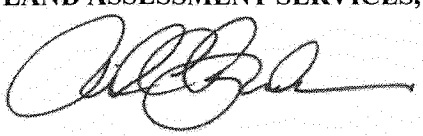
Limitations

It is important to note that the work reported herein *was not a site (contamination) assessment in accordance with Chapter 62-770 F.A.C.*, and was *limited* in scope and not intended to determine or evaluate the lateral or vertical extent of any contamination discovered or detected, nor areas of greater or lesser contamination, if actual evidence, or suspicion of shallow soil or shallow groundwater contamination had been discovered during this testing. These issues were to be addressed in a supplemental study or studies, if necessary, and if approved by your customer.

If you have any questions concerning this report, please do not hesitate to give us a call.

Sincerely,

LAND ASSESSMENT SERVICES, INC.



Richard C. Reynolds
Vice President

LAS/463/Gaffin/report

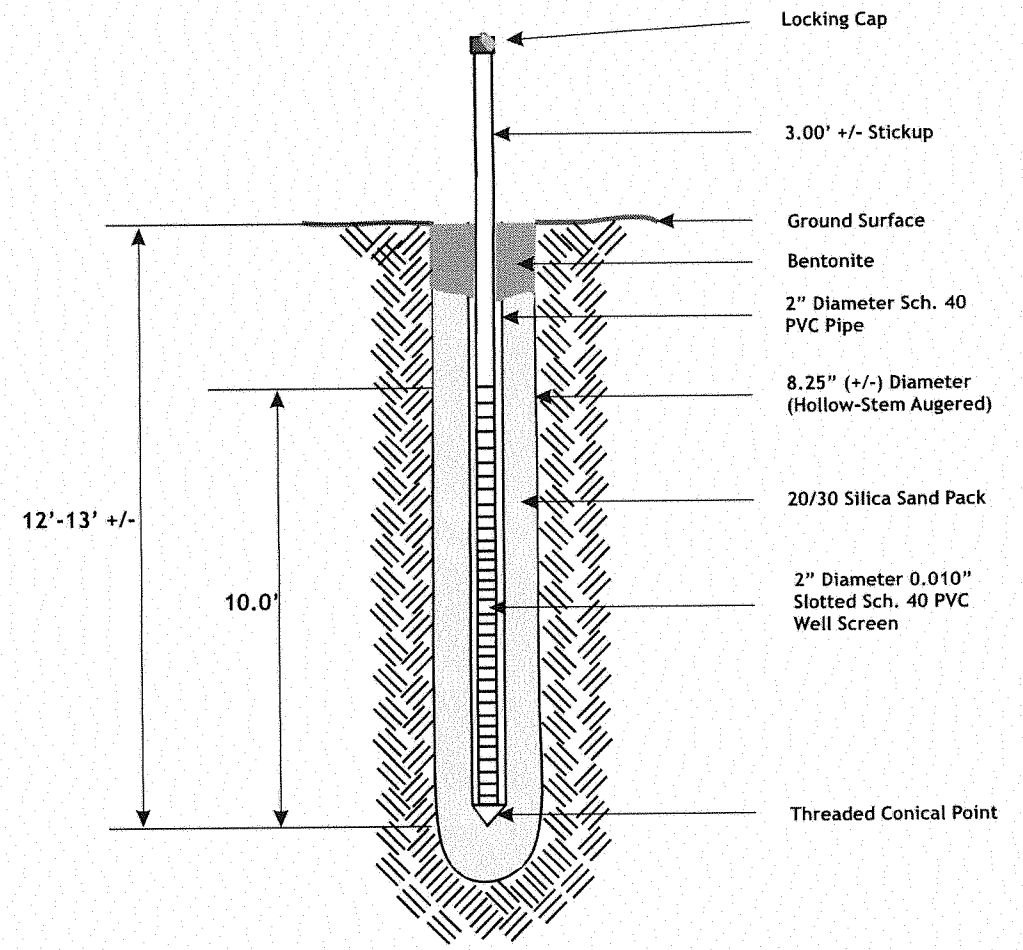
Figures 1-2
Appendices A-C

LAS
LAND ASSESSMENT SERVICES, INC.

LIMITED PHASE II ESA
GAFFIN INDUSTRIAL SERVICES SITE
6358-6360 S. U.S. HWY. 301
RIVERVIEW, HILLS. CO. FL

SITE PLAN--FIGURE 1

CREATED BY: TLT CHECKED BY: RCR	DATE: JAN 15 PROJECT NO. 15-463-00969 SCALE: 1"=75' +/-	REFERENCE Google 2014 Aerial Photograph



MW-1 and MW-2

LAS LAND ASSESSMENT SERVICES, INC.	LIMITED PHASE II ESA GAFFIN INDUSTRIAL SERVICES SITE 6358-6360 S. U.S. HWY. 301 RIVERVIEW, HILLS. CO. FL	**TYPICAL WELL DETAIL--GAFFIN INDUSTRIAL SITE**		
		CREATED BY: RCR CHECKED BY: RCR	DATE: JAN 2015 PROJECT NO. 15-463-00969 SCALE: N/A	*FIGURE 2*

APPENDICES

Appendix A

GAFFIN INDUSTRIAL SERVICES SITE--6358 S. U.S. HWY 301, RIVERVIEW, FL
SHALLOW SOIL TESTING RESULTS

Sample	Name	Method	CAS Number	Analyte	Result	Units	Qual.	Limit	Reports To	Reg 1	Reg 2	Reg 3	Dilution	Sampled	Analysis
660-64870-1	SS-1	8270D_LL	91-20-3	Naphthalene	2.7	ug/Kg	I	1.5	MDL	55000	300000	1200	1	1/14/2015 11:27	Semivolatile Organic Compounds by GC/MS - Low Level
660-64870-1	SS-1	8270D_LL	85-01-8	Phenanthrene	2.2	ug/Kg	U	2.2	MDL	2200000	36000000	250000	1	1/14/2015 11:27	Semivolatile Organic Compounds by GC/MS - Low Level
660-64870-1	SS-1	8270D_LL	129-00-0	Pyrene	2.1	ug/Kg	I	1.5	MDL	2400000	45000000	880000	1	1/14/2015 11:27	Semivolatile Organic Compounds by GC/MS - Low Level
660-64870-1	SS-1	8270D_LL	91-57-6	2-Methylnaphthalene	4	ug/Kg	I	1.5	MDL	210000	2100000	8500	1	1/14/2015 11:27	Semivolatile Organic Compounds by GC/MS - Low Level
660-64870-1	SS-1	8270D_LL	86-73-7	Fluorene	1.5	ug/Kg	U	1.5	MDL	2600000	33000000	160000	1	1/14/2015 11:27	Semivolatile Organic Compounds by GC/MS - Low Level
660-64870-1	SS-1	8270D_LL	193-39-5	Indeno[1,2,3-cd]pyrene	3	ug/Kg	I	2.2	MDL	# [d]	# [d]	6600	1	1/14/2015 11:27	Semivolatile Organic Compounds by GC/MS - Low Level
660-64870-1	SS-1	8270D_LL	90-12-0	1-Methylnaphthalene	2.7	ug/Kg	I	1.5	MDL	200000	1800000	3100	1	1/14/2015 11:27	Semivolatile Organic Compounds by GC/MS - Low Level
660-64870-1	SS-1	8260B	108-88-3	Toluene	1.2	ug/Kg	U	1.2	MDL	7500000	60000000	500	1	1/14/2015 11:27	Volatile Organic Compounds (GC/MS)
660-64870-1	SS-1	8260B	1330-20-7	Xylenes, Total	1.2	ug/Kg	U	1.2	MDL	130000	700000	200	1	1/14/2015 11:27	Volatile Organic Compounds (GC/MS)
660-64870-1	SS-1	8260B	1634-04-4	Methyl tert-butyl ether	2.4	ug/Kg	U	2.4	MDL	4400000	24000000	90	1	1/14/2015 11:27	Volatile Organic Compounds (GC/MS)
660-64870-1	SS-1	8260B	95-47-6	o-Xylene	1.2	ug/Kg	U	1.2	MDL				1	1/14/2015 11:27	Volatile Organic Compounds (GC/MS)
660-64870-1	SS-1	8260B	71-43-2	Benzene	1.2	ug/Kg	U	1.2	MDL	1200	1700	7	1	1/14/2015 11:27	Volatile Organic Compounds (GC/MS)
660-64870-1	SS-1	8260B	100-41-4	Ethylbenzene	0.96	ug/Kg	U	0.96	MDL	1500000	9200000	600	1	1/14/2015 11:27	Volatile Organic Compounds (GC/MS)
660-64870-1	SS-1	8260B	179601-23-1	m-Xylene & p-Xylene	1.4	ug/Kg	U	1.4	MDL				1	1/14/2015 11:27	Volatile Organic Compounds (GC/MS)
660-64870-1	SS-1	8270D_LL	208-96-8	Acenaphthylene	2.2	ug/Kg	U	2.2	MDL	1800000	20000000	27000	1	1/14/2015 11:27	Semivolatile Organic Compounds by GC/MS - Low Level
660-64870-1	SS-1	8270D_LL	120-12-7	Anthracene	2.2	ug/Kg	U	2.2	MDL	21000000	300000000	2500000	1	1/14/2015 11:27	Semivolatile Organic Compounds by GC/MS - Low Level
660-64870-1	SS-1	8270D_LL	56-55-3	Benzo[a]anthracene	2.2	ug/Kg	U	2.2	MDL	# [d]	# [d]	800	1	1/14/2015 11:27	Semivolatile Organic Compounds by GC/MS - Low Level
660-64870-1	SS-1	8270D_LL	83-32-9	Acenaphthene	2.2	ug/Kg	U	2.2	MDL	2400000	20000000	2100	1	1/14/2015 11:27	Semivolatile Organic Compounds by GC/MS - Low Level
660-64870-1	SS-1	FL_PRO	N/A	FL-PRO (C8-C40)	2.8	mg/Kg	U	2.8	MDL				1	1/14/2015 11:27	Florida - Petroleum Range Organics (GC)
660-64870-1	SS-1	Moisture	N/A	Percent Solids	87	%		0.1	MRL				1	1/14/2015 11:27	Percent Moisture
660-64870-1	SS-1	Moisture	N/A	Percent Moisture	13	%		0.1	MRL				1	1/14/2015 11:27	Percent Moisture
660-64870-1	SS-1	8270D_LL	218-01-9	Chrysene	2.5	ug/Kg	I	2.2	MDL	# [d]	# [d]	77000	1	1/14/2015 11:27	Semivolatile Organic Compounds by GC/MS - Low Level
660-64870-1	SS-1	8270D_LL	53-70-3	Dibenz(a,h)anthracene	2.2	ug/Kg	U	2.2	MDL	# [d]	# [d]	700	1	1/14/2015 11:27	Semivolatile Organic Compounds by GC/MS - Low Level
660-64870-1	SS-1	8270D_LL	206-44-0	Fluoranthene	1.8	ug/Kg	I	1.5	MDL	3200000	59000000	1200000	1	1/14/2015 11:27	Semivolatile Organic Compounds by GC/MS - Low Level
660-64870-1	SS-1	8270D_LL	207-08-9	Benzo[k]fluoranthene	2.2	ug/Kg	U	2.2	MDL	# [d]	# [d]	24000	1	1/14/2015 11:27	Semivolatile Organic Compounds by GC/MS - Low Level

660-64870-1	SS-1	8270D_LL	50-32-8	Benzo[a]pyrene	2.5	ug/Kg	I	2.2	MDL	100	700	8000	1	1/14/2015 11:27	Semivolatile Organic Compounds by GC/MS - Low Level
660-64870-1	SS-1	8270D_LL	205-99-2	Benzo[b]fluoranthene	3.2	ug/Kg	I	2.2	MDL	# [d]	# [d]	2400	1	1/14/2015 11:27	Semivolatile Organic Compounds by GC/MS - Low Level
660-64870-1	SS-1	8270D_LL	191-24-2	Benzo[g,h,i]perylene	3.7	ug/Kg	I	2.2	MDL	2500000	52000000	32000000	1	1/14/2015 11:27	Semivolatile Organic Compounds by GC/MS - Low Level

Benzo(a)pyrene Conversion Table

For Direct Exposure Soil Cleanup Target Levels

Facility/Site Name: Gaffin Industries
Location: 6358 & 6360 S. U.S. Hwy. 301
Facility/Site ID No.:

Soil Sample No. SS-1
Sample Date 1/14/2015
Location: Next to AST
Depth (ft):

INSTRUCTIONS: Calculate Total Benzo(a)pyrene Equivalents if at least one of the carcinogenic PAHs is detected in the sample at a concentration equal to or higher than the Method Detection Limit (MDL), whether quantified with certainty (the concentration reported has no qualifier) or estimated (the concentration reported has a "J", "T" or "I" qualifier). Enter the contaminant concentrations (in mg/kg) for all seven carcinogenic PAHs in the yellow boxes using the following criteria (and see table below):

1. If quantified with certainty, or estimated and has the "J" qualifier, enter the reported value;
2. If not detected at the MDL (the concentration reported is the MDL followed by the "U" qualifier) enter 1/2 of the reported value;
3. If detected at a concentration lower than the MDL and the concentration is estimated (has the "T" qualifier) enter the estimated value;
4. If detected at a concentration equal to or higher than the MDL but lower than the Practical Quantitation Limit (PQL) and the concentration is estimated (has the "I" qualifier) enter the estimated value;
5. If detected at a concentration equal to or higher than the MDL but lower than the PQL and it is not estimated (the concentration reported is the PQL followed by the "M" qualifier) enter 1/2 of the reported value.

Contaminant	Concentration (mg/kg)	Toxic Equivalency Factor	Benzo(a)pyrene Equivalents
Benzo(a)pyrene	0.0025	1.0	0.0025
Benzo(a)anthracene	0.0000	0.1	0.0000
Benzo(b)fluoranthene	0.0032	0.1	0.0003
Benzo(k)fluoranthene	0.0000	0.01	0.0000
Chrysene	0.0025	0.001	0.0000
Dibenz(a,h)anthracene	0.0000	1.0	0.0000
Indeno(1,2,3-cd)pyrene	0.0030	0.1	0.0003

DE Residential = 0.1 mg/kg; DE Industrial = 0.7 mg/kg

Total Benzo(a)pyrene Equivalents = **0.003**

The concentration shown does not exceed the Residential Direct Exposure SCTL of 0.1 mg/kg.

The concentration shown does not exceed the Industrial Direct Exposure SCTL of 0.7 mg/kg.

Summary Criteria for Table Entries			
Detection	**Concentration Reported**	**Data Qualifier**	**Enter**
Various	Quantified with certainty	None	reported value
Various	Estimated	J	reported (estimated) value
ND at MDL	MDL	U	1/2 reported value
< MDL	Estimated	T	reported (estimated) value
≥ MDL but < PQL	Estimated	I	reported (estimated) value
≥ MDL but < PQL	PQL	M	1/2 reported value

Appendix B

LAND ASSESSMENT SERVICES, INC.
LIMITED PHASE II ENVIRONMENTAL SITE ASSESSMENT

GAFFIN INDUSTRIAL SERVICES SITE--6358 S. U.S. HWY 301, RIVERVIEW,FL
SHALLOW GROUNDWATER TESTING RESULTS

JANUARY 2015

Sample	Name	Method	CAS Number	Analyte	Result	Units	Qualifier	Limit	Reports To	Reg 1	Dilution	Batch	Sampled	Analysis
660-64922-2	MW-1	FL_PRO	N/A	Total Petroleum Hydrocarbons (C8-C40)	0.09	mg/L	I	0.075	MDL		1	114369	1/16/2015 11:03	Florida - Petroleum Range Organics (GC)
660-64922-2	MW-1	8270D_LL	83-32-9	Acenaphthene	0.14	ug/L	I	0.04	MDL	20	1	114416	1/16/2015 11:03	Semivolatile Organic Compounds by GC/MS -
660-64922-2	MW-1	8270D_LL	208-96-8	Acenaphthylene	0.073	ug/L	I	0.025	MDL	210	1	114416	1/16/2015 11:03	Semivolatile Organic Compounds by GC/MS -
660-64922-2	MW-1	8270D_LL	120-12-7	Anthracene	0.04	ug/L	U	0.04	MDL	2100	1	114416	1/16/2015 11:03	Semivolatile Organic Compounds by GC/MS -
660-64922-2	MW-1	8270D_LL	56-55-3	Benzo[a]anthracene	0.025	ug/L	U	0.025	MDL	0.05	1	114416	1/16/2015 11:03	Semivolatile Organic Compounds by GC/MS -
660-64922-2	MW-1	8270D_LL	50-32-8	Benzo[a]pyrene	0.025	ug/L	U	0.025	MDL	0.2	1	114416	1/16/2015 11:03	Semivolatile Organic Compounds by GC/MS -
660-64922-2	MW-1	8270D_LL	205-99-2	Benzo[b]fluoranthene	0.025	ug/L	U	0.025	MDL	0.05	1	114416	1/16/2015 11:03	Semivolatile Organic Compounds by GC/MS -
660-64922-2	MW-1	8270D_LL	191-24-2	Benzo[g,h,i]perylene	0.04	ug/L	U	0.04	MDL	210	1	114416	1/16/2015 11:03	Semivolatile Organic Compounds by GC/MS -
660-64922-2	MW-1	8270D_LL	207-08-9	Benzo[k]fluoranthene	0.025	ug/L	U	0.025	MDL	0.5	1	114416	1/16/2015 11:03	Semivolatile Organic Compounds by GC/MS -
660-64922-2	MW-1	8270D_LL	218-01-9	Chrysene	0.025	ug/L	U	0.025	MDL	4.8	1	114416	1/16/2015 11:03	Semivolatile Organic Compounds by GC/MS -
660-64922-2	MW-1	8270D_LL	53-70-3	Dibenz(a,h)anthracene	0.04	ug/L	U	0.04	MDL	0.005[a]	1	114416	1/16/2015 11:03	Semivolatile Organic Compounds by GC/MS -
660-64922-2	MW-1	8270D_LL	206-44-0	Fluoranthene	0.025	ug/L	U	0.025	MDL	280	1	114416	1/16/2015 11:03	Semivolatile Organic Compounds by GC/MS -
660-64922-2	MW-1	8270D_LL	86-73-7	Fluorene	0.2	ug/L		0.04	MDL	280	1	114416	1/16/2015 11:03	Semivolatile Organic Compounds by GC/MS -
660-64922-2	MW-1	8270D_LL	193-39-5	Indeno[1,2,3-cd]pyrene	0.044	ug/L	U	0.044	MDL	0.05	1	114416	1/16/2015 11:03	Semivolatile Organic Compounds by GC/MS -
660-64922-2	MW-1	8270D_LL	90-12-0	1-Methylnaphthalene	2.7	ug/L		0.04	MDL	28	1	114416	1/16/2015 11:03	Semivolatile Organic Compounds by GC/MS -
660-64922-2	MW-1	8270D_LL	91-57-6	2-Methylnaphthalene	3.3	ug/L		0.031	MDL	28	1	114416	1/16/2015 11:03	Semivolatile Organic Compounds by GC/MS -
660-64922-2	MW-1	8270D_LL	91-20-3	Naphthalene	2.5	ug/L		0.04	MDL	14	1	114416	1/16/2015 11:03	Semivolatile Organic Compounds by GC/MS -
660-64922-2	MW-1	8270D_LL	85-01-8	Phenanthrene	0.042	ug/L	I	0.04	MDL	210	1	114416	1/16/2015 11:03	Semivolatile Organic Compounds by GC/MS -
660-64922-2	MW-1	8270D_LL	129-00-0	Pyrene	0.025	ug/L	U	0.025	MDL	210	1	114416	1/16/2015 11:03	Semivolatile Organic Compounds by GC/MS -
660-64922-2	MW-1	8260B	71-43-2	Benzene	0.79	ug/L	I	0.43	MDL	1	1	368279	1/16/2015 11:03	Volatile Organic Compounds (GC/MS)
660-64922-2	MW-1	8260B	100-41-4	Ethylbenzene	1.8	ug/L		0.33	MDL	30	1	368279	1/16/2015 11:03	Volatile Organic Compounds (GC/MS)
660-64922-2	MW-1	8260B	179601-23-1	m-Xylene & p-Xylene	0.35	ug/L	U	0.35	MDL		1	368279	1/16/2015 11:03	Volatile Organic Compounds (GC/MS)
660-64922-2	MW-1	8260B	1634-04-4	Methyl tert-butyl ether	0.3	ug/L	U	0.3	MDL	20	1	368279	1/16/2015 11:03	Volatile Organic Compounds (GC/MS)
660-64922-2	MW-1	8260B	95-47-6	o-Xylene	0.39	ug/L	I	0.23	MDL		1	368279	1/16/2015 11:03	Volatile Organic Compounds (GC/MS)
660-64922-2	MW-1	8260B	108-88-3	Toluene	0.48	ug/L	U	0.48	MDL	40	1	368279	1/16/2015 11:03	Volatile Organic Compounds (GC/MS)
660-64922-2	MW-1	8260B	1330-20-7	Xylenes, Total	0.39	ug/L	I	0.23	MDL	20	1	368279	1/16/2015 11:03	Volatile Organic Compounds (GC/MS)
660-64922-1	MW-2	7470A	7439-97-6	Mercury	0.072	ug/L	U	0.072	MDL	2	1	154906	1/16/2015 10:16	Mercury (CVAA)
660-64922-1	MW-2	6010B	7440-22-4	Silver	0.001	mg/L	U	0.001	MDL	0.1	1	154922	1/16/2015 10:16	Metals (ICP)
660-64922-1	MW-2	6010B	7440-38-2	Arsenic	0.004	mg/L	U	0.004	MDL	0.01	1	154922	1/16/2015 10:16	Metals (ICP)
660-64922-1	MW-2	6010B	7440-39-3	Barium	0.01	mg/L		0.002	MDL	2	1	154922	1/16/2015 10:16	Metals (ICP)
660-64922-1	MW-2	6010B	7440-43-9	Cadmium	0.001	mg/L	U	0.001	MDL	0.005	1	154922	1/16/2015 10:16	Metals (ICP)
660-64922-1	MW-2	6010B	7440-47-3	Chromium	0.0022	mg/L	I	0.002	MDL	0.1	1	154922	1/16/2015 10:16	Metals (ICP)
660-64922-1	MW-2	6010B	7439-92-1	Lead	0.002	mg/L	U	0.002	MDL	0.015	1	154922	1/16/2015 10:16	Metals (ICP)
660-64922-1	MW-2	6010B	7782-49-2	Selenium	0.005	mg/L	U	0.005	MDL	0.05	1	154922	1/16/2015 10:16	Metals (ICP)
660-64922-1	MW-2	8260B	71-43-2	Benzene	0.43	ug/L	U	0.43	MDL	1	1	368279	1/16/2015 10:16	Volatile Organic Compounds (GC/MS)
660-64922-1	MW-2	8260B	75-25-2	Bromoform	0.43	ug/L	U	0.43	MDL	4.4	1	368279	1/16/2015 10:16	Volatile Organic Compounds (GC/MS)
660-64922-1	MW-2	8260B	74-83-9	Bromomethane	2.5	ug/L	U J3	2.5	MDL	9.8	1	368279	1/16/2015 10:16	Volatile Organic Compounds (GC/MS)
660-64922-1	MW-2	8260B	56-23-5	Carbon tetrachloride	0.33	ug/L	U	0.33	MDL	3	1	368279	1/16/2015 10:16	Volatile Organic Compounds (GC/MS)
660-64922-1	MW-2	8260B	108-90-7	Chlorobenzene	0.26	ug/L	U	0.26	MDL	100	1	368279	1/16/2015 10:16	Volatile Organic Compounds (GC/MS)
660-64922-1	MW-2	8260B	124-48-1	Chlorodibromomethane	0.32	ug/L	U	0.32	MDL	0.4	1	368279	1/16/2015 10:16	Volatile Organic Compounds (GC/MS)
660-64922-1	MW-2	8260B	75-00-3	Chloroethane	2.5	ug/L	U	2.5	MDL	12	1	368279	1/16/2015 10:16	Volatile Organic Compounds (GC/MS)
660-64922-1	MW-2	8260B	67-66-3	Chloroform	0.5	ug/L	U	0.5	MDL	70	1	368279	1/16/2015 10:16	Volatile Organic Compounds (GC/MS)
660-64922-1	MW-2	8260B	74-87-3	Chloromethane	0.4	ug/L	U	0.4	MDL	2.7	1	368279	1/16/2015 10:16	Volatile Organic Compounds (GC/MS)

660-64922-1	MW-2	8260B	156-59-2	cis-1,2-Dichloroethene	0.41	ug/L	U J3	0.41	MDL	70	1	368279	1/16/2015 10:16	Volatile Organic Compounds (GC/MS)
660-64922-1	MW-2	8260B	10061-01-5	cis-1,3-Dichloropropene	0.4	ug/L	U	0.4	MDL		1	368279	1/16/2015 10:16	Volatile Organic Compounds (GC/MS)
660-64922-1	MW-2	8260B	95-50-1	1,2-Dichlorobenzene	0.37	ug/L	U	0.37	MDL	600	1	368279	1/16/2015 10:16	Volatile Organic Compounds (GC/MS)
660-64922-1	MW-2	8260B	541-73-1	1,3-Dichlorobenzene	0.43	ug/L	U	0.43	MDL	210	1	368279	1/16/2015 10:16	Volatile Organic Compounds (GC/MS)
660-64922-1	MW-2	8260B	106-46-7	1,4-Dichlorobenzene	0.46	ug/L	U	0.46	MDL	75	1	368279	1/16/2015 10:16	Volatile Organic Compounds (GC/MS)
660-64922-1	MW-2	8260B	75-27-4	Dichlorobromomethane	0.44	ug/L	U	0.44	MDL	0.6	1	368279	1/16/2015 10:16	Volatile Organic Compounds (GC/MS)
660-64922-1	MW-2	8260B	75-71-8	Dichlorodifluoromethane	0.6	ug/L	U J3	0.6	MDL	1400	1	368279	1/16/2015 10:16	Volatile Organic Compounds (GC/MS)
660-64922-1	MW-2	8260B	75-34-3	1,1-Dichloroethane	0.38	ug/L	U	0.38	MDL	70	1	368279	1/16/2015 10:16	Volatile Organic Compounds (GC/MS)
660-64922-1	MW-2	8260B	107-06-2	1,2-Dichloroethane	0.5	ug/L	U	0.5	MDL	3	1	368279	1/16/2015 10:16	Volatile Organic Compounds (GC/MS)
660-64922-1	MW-2	8260B	75-35-4	1,1-Dichloroethene	0.36	ug/L	U	0.36	MDL	7	1	368279	1/16/2015 10:16	Volatile Organic Compounds (GC/MS)
660-64922-1	MW-2	8260B	78-87-5	1,2-Dichloropropane	0.67	ug/L	U	0.67	MDL	5	1	368279	1/16/2015 10:16	Volatile Organic Compounds (GC/MS)
660-64922-1	MW-2	8260B	100-41-4	Ethylbenzene	0.33	ug/L	U	0.33	MDL	30	1	368279	1/16/2015 10:16	Volatile Organic Compounds (GC/MS)
660-64922-1	MW-2	8260B	75-09-2	Methylene Chloride	2.5	ug/L	U	2.5	MDL	5	1	368279	1/16/2015 10:16	Volatile Organic Compounds (GC/MS)
660-64922-1	MW-2	8260B	1634-04-4	Methyl tert-butyl ether	0.3	ug/L	U	0.3	MDL	20	1	368279	1/16/2015 10:16	Volatile Organic Compounds (GC/MS)
660-64922-1	MW-2	8260B	179601-23-1	m-Xylene & p-Xylene	0.35	ug/L	U	0.35	MDL		1	368279	1/16/2015 10:16	Volatile Organic Compounds (GC/MS)
660-64922-1	MW-2	8260B	95-47-6	o-Xylene	0.23	ug/L	U	0.23	MDL		1	368279	1/16/2015 10:16	Volatile Organic Compounds (GC/MS)
660-64922-1	MW-2	8260B	79-34-5	1,1,2,2-Tetrachloroethane	0.62	ug/L	U	0.62	MDL	0.2[a]	1	368279	1/16/2015 10:16	Volatile Organic Compounds (GC/MS)
660-64922-1	MW-2	8260B	127-18-4	Tetrachloroethene	0.74	ug/L	U	0.74	MDL	3	1	368279	1/16/2015 10:16	Volatile Organic Compounds (GC/MS)
660-64922-1	MW-2	8260B	108-88-3	Toluene	0.48	ug/L	U	0.48	MDL	40	1	368279	1/16/2015 10:16	Volatile Organic Compounds (GC/MS)
660-64922-1	MW-2	8260B	156-60-5	trans-1,2-Dichloroethene	0.37	ug/L	U	0.37	MDL	100	1	368279	1/16/2015 10:16	Volatile Organic Compounds (GC/MS)
660-64922-1	MW-2	8260B	10061-02-6	trans-1,3-Dichloropropene	0.42	ug/L	U	0.42	MDL		1	368279	1/16/2015 10:16	Volatile Organic Compounds (GC/MS)
660-64922-1	MW-2	8260B	71-55-6	1,1,1-Trichloroethane	0.37	ug/L	U	0.37	MDL	200	1	368279	1/16/2015 10:16	Volatile Organic Compounds (GC/MS)
660-64922-1	MW-2	8260B	79-00-5	1,1,2-Trichloroethane	0.33	ug/L	U	0.33	MDL	5	1	368279	1/16/2015 10:16	Volatile Organic Compounds (GC/MS)
660-64922-1	MW-2	8260B	79-01-6	Trichloroethene	0.48	ug/L	U	0.48	MDL	3	1	368279	1/16/2015 10:16	Volatile Organic Compounds (GC/MS)
660-64922-1	MW-2	8260B	75-69-4	Trichlorofluoromethane	0.42	ug/L	U	0.42	MDL	2100	1	368279	1/16/2015 10:16	Volatile Organic Compounds (GC/MS)
660-64922-1	MW-2	8260B	75-01-4	Vinyl chloride	0.5	ug/L	U	0.5	MDL	1	1	368279	1/16/2015 10:16	Volatile Organic Compounds (GC/MS)
660-64922-1	MW-2	8260B	1330-20-7	Xylenes, Total	0.23	ug/L	U	0.23	MDL	20	1	368279	1/16/2015 10:16	Volatile Organic Compounds (GC/MS)

Appendix C

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Gaffin	SITE LOCATION: Hillsborough	
WELL NO: MW-1	SAMPLE ID:	DATE: 1-16-2015

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): 1/4"	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet): 7.5'	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH − STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (17.0 feet − 7.5 feet) X 0.16 gallons/foot = 1.52 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 12.0'	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 12.0'	PURGING INITIATED AT: 1044	PURGING ENDED AT: 1103	TOTAL VOLUME PURGED (gallons): 2.75

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1056	1.75			7.9	5.55	21.92	309	11.0	6.87	CLEAR	Sulfuric
1058	2.25			7.9	5.53	21.90	309	9.8	5.88	CLEAR	Sulfuric
1102	2.75			7.9	5.51	21.95	308	8.1	3.98	CLEAR	Sulfuric

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

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Kyle Taylor / John McMillen	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1103	SAMPLING ENDED AT: 1119
PUMP OR TUBING DEPTH IN WELL (feet): 12.0'	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm

FIELD DECONTAMINATION: PUMP (Y) N TUBING Y (N) (replaced) DUPLICATE: Y N

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
	2	AG	250mL	NONE			8270 PAH	APP	
	2	AG	1L	HCl			FL-PRO	APP	
	3	CG	40mL	HCl			8260B VOCs	RFPP	
	3	CG	40mL	HCl			8260B BTEX	RFPP	

REMARKS:

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

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw 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: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

WELL CONSTRUCTION AND DEVELOPMENT LOG

WELL CONSTRUCTION DATA

Well Number:	Site Name:	FDEP Facility I.D. Number:	Well Install Date(s):
MW-1	GAFFIN INDUSTRIAL		1-14-15

Well Location and Type (check appropriate boxes): [X] On-Site [ ] Right-of-Way [ ] Off-Site Private Property [X] Above Grade (AG) [ ] Flush-to-Grade

Well Purpose: [ ] Perched Monitoring [X] Shallow (Water-Table) Monitoring [ ] Intermediate or Deep Monitoring [ ] Remediation or Other (describe)

Well Install Method: HOLLOW STEM AUGER

Surface Casing Install Method: —

If AG, list feet of riser above land surface: 3.5

Borehole Depth (feet):	Well Depth (feet):	Borehole Diameter (inches):	Manhole Diameter (inches):	Well Pad Size:
13'	13'	8.25	N/A	2 feet by 2 feet

Riser Diameter and Material:	Riser/Screen Connections:	Riser Length:
2-INCH PVC	[X] Flush-Threaded [ ] Other (describe)	3.0 feet from 0 feet to 3.0 feet

Screen Diameter and Material:	Screen Slot Size:	Screen Length:
2-INCH PVC	.010-INCH	10 feet from 3 feet to 13 feet

	1st Surface Casing Material:	1st Surface Casing I.D. (inches):	1st Surface Casing Length:
	also check: [ ] Permanent [ ] Temporary		from 0 feet to ____ feet
2nd	2nd Surface Casing Material:	2nd Surface Casing I.D. (inches):	2nd Surface Casing Length: ____ feet
	also check: [ ] Permanent [ ] Temporary		from 0 feet to ____ feet
3rd	3rd Surface Casing Material:	3rd Surface Casing I.D. (inches):	3rd Surface Casing Length: ____ feet
	also check: [ ] Permanent [ ] Temporary		from 0 feet to ____ feet

Filter Pack Material and Size:	Prepacked Filter Around Screen (check one):	Filter Pack Length:
SILICA SAND 20/30	[ ] Yes [X] No	11 feet from 2 feet to 13 feet

Filter Pack Seal Material and Size:	Filter Pack Seal Length:
SILTY FINE SAND	1 feet from 1 feet to 2 feet

Surface Seal Material:	Surface Seal Length:
BENTONITE CHIPS	1 feet from 0 feet to 1 feet

WELL DEVELOPMENT DATA

Well Development Date:	Well Development Method (check one): [ ] Surge/Pump [X] Pump [ ] Compressed Air [ ] Other (describe)
1-14-15	

Development Pump Type (check): [ ] Centrifugal [X] Peristaltic [ ] Submersible [ ] Other (describe)	Depth to Groundwater (before developing in feet):

Pumping Rate (gallons per minute):	Maximum Drawdown of Groundwater During Development (feet):	Well Purged Dry (check one): [ ] Yes [X] No
0.30		

Pumping Condition (check one): [X] Continuous [ ] Intermittent	Total Development Water Removed (gallons):	Development Duration (minutes):	Development Water Drummed (check one): [ ] Yes [X] No
	14	48	

Water Appearance (color and odor) At Start of Development:	Water Appearance (color and odor) At End of Development:
BROWN/CLOUDY NO ODORS	CLEAR / NONE

WELL CONSTRUCTION OR DEVELOPMENT REMARKS

FINAL TURBIDITY = 8.87

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Gaffin	SITE LOCATION: Hillsborough	
WELL NO: MW-2	SAMPLE ID:	DATE: 1-16-2015

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet): T.O.P 6.3	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (15.3 feet – 6.3 feet) X 0.16 gallons/foot = 1.44 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): T.O.P. 11 ft	FINAL PUMP OR TUBING DEPTH IN WELL (feet): T.O.P. 11 ft	PURGING INITIATED AT: 1000	PURGING ENDED AT: 1015	TOTAL VOLUME PURGED (gallons): 2.5

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or mS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1010		1.5		6.6	6.71	20.74	456	14.6	20.5	cloudy	none
1013		2.0		6.6	6.66	20.74	465	12.7	9.75	Sli. cloudy	none
1015		2.5		6.7	6.64	20.76	462	11.8	8.37	clear	none

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

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: John McMullen MEI	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1016	SAMPLING ENDED AT: 1027

PUMP OR TUBING DEPTH IN WELL (feet): 11 T.O.P	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm

FIELD DECONTAMINATION: PUMP (Y) N TUBING Y (N) (replaced) DUPLICATE: Y N

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
	2	AG	250mL	NONE			8270 PAH	APP	
	2	AG	1L	HCl			FL-PRO	APP	
	1	PE	250mL	HNO_3			~~Lead~~ Arsenic	APP	
	3	CG	40mL	HCl			8260 ~~BTEX~~ VOCs	RFPP	

REMARKS:

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

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw 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: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

WELL CONSTRUCTION AND DEVELOPMENT LOG

WELL CONSTRUCTION DATA

Well Number:	Site Name:	FDEP Facility I.D. Number:	Well Install Date(s):
MW-2	GAFFIN INDUSTRIAL		1-14-15

Well Location and Type (check appropriate boxes): [X] On-Site [ ] Right-of-Way [ ] Off-Site Private Property [X] Above Grade (AG) [ ] Flush-to-Grade

If AG, list feet of riser above land surface: 3.0

Well Purpose: [ ] Perched Monitoring [X] Shallow (Water-Table) Monitoring [ ] Intermediate or Deep Monitoring [ ] Remediation or Other (describe)

Well Install Method: HOLLOW STEM AUGER

Surface Casing Install Method:

Borehole Depth (feet):	Well Depth (feet):	Borehole Diameter (inches):	Manhole Diameter (inches):	Well Pad Size:
12'	12'	8.25	N/A	2 feet by 2 feet

Riser Diameter and Material:	Riser/Screen Connections:	Riser Length:
2-INCH PVC	[X] Flush-Threaded [ ] Other (describe)	2 feet from 0 feet to 2 feet

Screen Diameter and Material:	Screen Slot Size:	Screen Length:
2-INCH PVC	0.010-INCH	10 feet from 2 feet to 12 feet

1st Surface Casing Material: (also check: [ ] Permanent [ ] Temporary)	1st Surface Casing I.D. (inches):	1st Surface Casing Length:
		feet from 0 feet to feet

2nd Surface Casing Material: (also check: [ ] Permanent [ ] Temporary)	2nd Surface Casing I.D. (inches):	2nd Surface Casing Length:
		feet from 0 feet to feet

3rd Surface Casing Material: (also check: [ ] Permanent [ ] Temporary)	3rd Surface Casing I.D. (inches):	3rd Surface Casing Length:
		feet from 0 feet to feet

Filter Pack Material and Size:	Prepacked Filter Around Screen (check one):	Filter Pack Length:
20/30 SILICA SAND	[ ] Yes [ ] No	10.5 feet from 12 feet to 1.5 feet

Filter Pack Seal Material and Size:	Filter Pack Seal Length:
SILTY FINE SAND	1.0 feet from 0.5 feet to 1.5 feet

Surface Seal Material:	Surface Seal Length:
BENTONITE CHIPS	0.5 feet from 0 feet to 0.5 feet

WELL DEVELOPMENT DATA

Well Development Date:	Well Development Method (check one): [ ] Surge/Pump [X] Pump [ ] Compressed Air [ ] Other (describe)
1-14-15	

Development Pump Type (check): [ ] Centrifugal [X] Peristaltic [ ] Submersible [ ] Other (describe)	Depth to Groundwater (before developing in feet):

Pumping Rate (gallons per minute):	Maximum Drawdown of Groundwater During Development (feet):	Well Purged Dry (check one): [ ] Yes [X] No
0.32		

Pumping Condition (check one): [X] Continuous [ ] Intermittent	Total Development Water Removed (gallons):	Development Duration (minutes):	Development Water Drummed (check one): [ ] Yes [X] No
	14	44	

Water Appearance (color and odor) At Start of Development:	Water Appearance (color and odor) At End of Development:
BROWN / NONE	CLEAR / NONE

WELL CONSTRUCTION OR DEVELOPMENT REMARKS

Lat:
Long:

ENDING TURBIDITY = 16.1

FIELD OVD TESTING LOG

SITE NAME: GAFFIN ~~INDUSTRIES~~ INDUSTRIAL SITE | SITE LOCATION: RIVERVIEW

Start DATE/TIME: 1-14-15

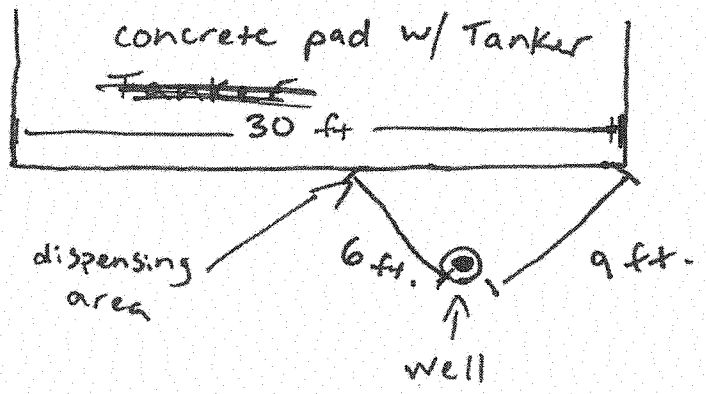
FIELD CREW: CMR, JWM, JS, KT | Finish DATE/TIME: 1-14-15

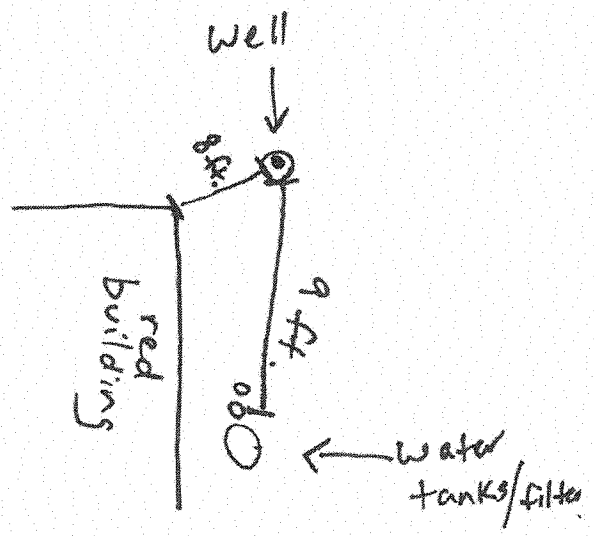
Boring Method: HA | Sampling Interval: 1 (+/-) feet | Decon:

OVD: ~~HealthTech Detecto-Pak III FID~~ MINIRAE 3000 | Calibrated: Yes

Sample Depth (Ft)	OVD Reading (PPM)			Lithology	Moisture Content	GW Depth (Ft)	Odor	Soil Discoloration	Free Product
	w/o filter	~~w/filter~~	Net	(color, fine sand, clayey fine sand, coarse, lumpy, loose, etc.)	(Dry, Moist, Wet, Saturated)		(Strong, Mild, Weak; Salty, petroleum, etc.)		(Manual Observations)
BORING NO: SS-1									
1' ~~2~~	409			GRY F. SAND w/ SHELL + ROCK FRAGS	DRY		MILD PETR ODOR	NONE	—
2' ~~4~~	40.8			GRY. F. SAND. w/ CLAY BALLS	DRY		MILD PETR ODOR	NONE	—
3' ~~6~~	59.1			BRN. F. SAND	DRY		FAINT PETR. ODOR	|	—
4' ~~8~~	18.1			DRK. BRN. F. SAND	DRY		FAINT PETR. ODOR	|	—
5' ~~10~~	12.4			DRK. BRN. F. SAND	MOIST		FAINT PETR ODOR	|	—
12									
14									
16									
18									
20									
BORING NO: HA-1									
1 ~~2~~	0			BRN. MOTTLED F. SAND. w/ ASHAT FRAGS	DRY		NONE	NONE	
2 ~~4~~	0			BRN MOTTLED F. SAND	DRY		|	|	
3 ~~6~~	0			BRN MOTTLED F. SAND	DRY		|	|	
4 ~~8~~	—			BRN. F. SAND	WET		|		
5 ~~10~~									
12									
14									
16									
18									
20									

REMARKS:


concrete pad w/ Tanker
30 ft
dispensing area
6 ft.
9 ft.
well


well
8 ft.
red buildings
9 ft.
90°
water tanks/filter

TestAmerica Tampa
6712 Benjamin Road Suite 100
Tampa, FL 33634
Phone (813) 885-7427 Fax (813) 885-7049

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler: CARY RICHARDSON	Lab PM: Robertson, Nancy	Carrier Tracking No(s):	COC No: 660-60500-19388.1
Client Contact: Mr. Rick Reynolds	Phone: (813) 390-0767	E-Mail: nancy.robertson@testamericainc.com		Page: Page 1 of 1
Company: Land Assessment Services, Inc.				Job #:
Address: 6408 West Linebaugh Avenue Suite 111	Due Date Requested:			
City: Tampa	TAT Requested (days):			
State, Zip: FL, 33625				
Phone:	PO #: Purchase Order not required			
Email: las@landassessmentservices.com	WO #:			
Project Name: Gaffin Industrial Services Property	Project #: 66008216			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2SO3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - Di Water	V - MCAA
K - EDTA	W - ph 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8270D_LL, FL_PRO	8260B - BTEX	6010B, 7470A	8260B - VOCs	8270D_LL - PAH list	FL_PRO - TRPH	8260B - BTEX	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N		D	A	N	A	A		
SS-1	1-14-15	1127	G	Solid			1	5							
				Water											
				Water											
				Water											
				Water											
				Water											

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:		Date: 01-12-15	Time: 0855	Method of Shipment: Courier		
Relinquished by:	Date/Time: 1-14-15 1550	Company: MET	Received by:	Date/Time:	Company	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 01/14/15 1550	Company: TA TAL	

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 1.8/2.0

TestAmerica Tampa
6712 Benjamin Road
Suite 100
Tampa, FL 33634
Phone: 813.885.7427 Fax:

Chain of Custody Record

J24403

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.
TAL-8210 (0713)

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact	Project Manager: NANCY ROBERTSON	Site Contact:	Date:	COC No: 1
Company Name: LAND ASSESSMENT SERVICES	Tel/Fax:	Lab Contact:	Carrier:	1 of 1 COCs
Address: 6408 W LINEBAUGH AVE, SUITE 111	Analysis Turnaround Time			Sampler:
City/State/Zip: TAMPA FL 33625	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone: 813 908-8233	TAT if different from Below _____			Walk-in Client:
Fax: (813) 908-8288	☐ 2 weeks			Lab Sampling:
Project Name: GAFFIN INDUSTRIAL SERVICES	☐ 1 week			
Site:	☐ 2 days			Job / SDG No.:
P O #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	6010 B RCRA METALS	8260B VOC	8270D PAH	8270D TCL SVOA	8260B BTEX	Sample Specific Notes:
MW-2			G	WT	8	N	N	1	3	2	2	1	
MW-1			G	WT		N	N	1	3	2	2	3	

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

								1	2	1	2	2	

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd: _____ Corr'd: _____ | Therm ID No.: _____

	Company	Date/Time		Company	Date/Time
Relinquished by:	MET		Received by:		
Relinquished by:			Received by:		
Relinquished by:			Received in Laboratory by:	TA TPA	01/16/15 1258