



Environmental Consulting & Technology, Inc.

October 10, 2011
090213-0100

Ms. Ashley Keough
Gulf Power
One Energy Place
Pensacola, Florida 32520

**Re: Soil Sampling Results
Celia Site – John Castleberry Parcel
1571 Cox Road
McDavid, Escambia County, Florida**

Dear Ms. Keough:

Environmental Consulting & Technology, Inc. (ECT) has completed a review of soil sampling activities at the above-referenced property located in unincorporated Escambia County, Florida (see Figures 1 and 2). This letter report summarizes the activities and results of the soil sampling activities. This report is certified to, and may be relied upon by, Gulf Power.

BACKGROUND

The subject property is primarily developed with a residence, a barn, and several smaller outbuildings. The northern portion of the subject property is planted with pine trees, the eastern portion of the subject property is in use as pasture for cattle, the western portion of the subject property is wooded, and the central and southern portions of the site are developed with the residence, barn, and outbuildings. Initial phase I environmental site assessment (ESA) investigations identified a recognized environmental condition (REC) associated with dumped/stored materials observed onsite. The following areas were identified as specific concerns: treated wood observed along the southern property boundary; soil staining observed at the base of two adjacent drums near a shed in the cattle pen area; and, staining observed on the pallet beneath fueling drums southwest of the barn. Additional concerns were identified in association with the contents in the interior of the barn, and debris observed in the southern portion of the subject property. Based on the results of the phase I ESA investigation, ECT recommended supervised removal of the solid waste and the collection of soil samples in the areas most likely to detect impact. Below is a description of the scope of work and results of the soil sampling activities.

SOIL SAMPLING ACTIVITIES

On September 12, 2011, soil samples were collected by Ms. Ashley Keough, a representative of Gulf Power. Soil samples were collected at six locations, at depths of approximately 6 inches below land surface (bls); additional samples were collected at a depth of two feet bls in three of the six locations. Soil samples were collected in the

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33607

(813)
289-9338

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160186-OPC-POD-90-478

P: Phase I Phase I kak Escambia County Phase I Addenda Castleberry. John Phase II SoilSamplingSum.doc

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following locations, identified on Figure 3: SB-1 (area of soil staining beneath drum area near the sheds in the cattle pen area in the southeastern portion of the site); SB-2 (center of the former barn area [barn and debris have been removed, and area has been re-vegetated]); SB-3 (beneath stained pallets of the covered fuel drum storage area located to the southwest of the barn in the southern-central portion of the site); SB-4 (recent burn pile located in the former barn area); SB-5 (treated wood pile along the southern property boundary); and, SB-6 (downgradient of the debris pile in the southern portion of the subject property). Following collection, the samples were placed on ice and shipped to SunLabs, Inc. for analysis for the Resource Conservation and Recovery Act (RCRA) Priority Pollutant metals (antimony, arsenic, beryllium, cadmium, chromium, copper, lead, mercury, nickel, selenium, silver, thallium, and zinc) by U. S. Environmental Protection Agency (EPA) Method 6010, volatile organic compounds (VOCs) by EPA Method 8260, semi-volatile organic compounds (SVOCs) by EPA Method 8270, and for total petroleum hydrocarbons (TPH) by the FL-PRO Method.

RESULTS

The soil sampling analytical results are summarized in Table 1 and the complete laboratory analytical report is provided as Attachment A. The analytical results of the soil samples collected are compared to the applicable soil cleanup target levels (SCTLs), pursuant to Chapter 62-777 of the Florida Administrative Code (F.A.C.), Table II.

The laboratory analytical results indicate that all of the constituents analyzed for were below the applicable SCTLs. Detectable concentrations of the metals chromium, copper, lead, mercury, nickel, and zinc were detected above the laboratory method detection limits (MDLs) in all samples at all depths. Acetone was detected in the SB-1S, SB-2S, and SB-3S shallow samples at concentrations above the MDLs. Additionally, 1-methylnaphthalene and 2-methylnaphthalene were detected at concentrations above the MDLs in the SB-3S shallow sample. The highest concentrations were generally observed in the SB-4 sample, collected from the burn pile area in the vicinity of the former barn.

CONCLUSIONS AND RECOMMENDATIONS

Based on the results of the soil sampling analytical results, none of the concentrations of the constituents analyzed for is above an applicable SCTL. A sample was collected downgradient of the debris pile in the southern portion of the subject property. The debris pile has not yet been removed. ECT recommends that the future removal of the remaining onsite debris be carefully overseen and documented to evaluate the presence of any stained soil or hazardous or deleterious materials that are dissimilar to the previously observed debris. Should any soil staining or potentially hazardous materials be encountered, additional soil sampling may be warranted.

LIMITATIONS

ECT investigated the environmental conditions associated with the above-referenced property located in unincorporated Escambia County, Florida. In performing its work, ECT used reasonable care and performed its work in accordance with currently accepted

Ms. Ashley Keough
October 10, 2011
Page 3

hydrological and engineering practices, and standard agency procedures as appropriate. Other than this, no warranty is implied or intended.

It is understood that the soil sampling activities herein described generally cannot, and does not in this case, lead to a full knowledge of site conditions, but indicates conditions only for those exact locations and specific times where observations were made. There can be no assurance, and ECT offers no assurance, that site conditions do not exist or could not exist in the future that were undetected and that could lead to liability in connection with the site. In conducting its investigation, ECT has conducted the subsurface investigations in keeping with existing environmental standards and enforcement practices, but cannot accurately predict what actions any given agency may take in the future.

If you have any questions or need additional information, please call either of the undersigned at (813) 289-9338. We have appreciated this opportunity to be of service.

Sincerely,

ENVIRONMENTAL CONSULTING & TECHNOLOGY, INC.



Katy Kitanovski, LEP
Senior Associate Scientist



Darren L. Stowe, LEP
Project Manager

KAK

Attachments

TABLE

**Table 1 Soil Sample Positive Results Summary
Celia Site - John Castleberry Parcel**

Sample ID	Direct Exposure Residential	Leachability	SB-1S	SB-1D	SB-2S	SB-2D	SB-3S	SB-3D	SB-4	SB-5	SB-6
Date Collected			9/12/2011	9/12/2011	9/12/2011	9/12/2011	9/12/2011	9/12/2011	9/12/2011	9/12/2011	9/12/2011
Acetone	11,000	25	0.026 I	0.012 U	0.087	0.013 U	0.033 I	0.012 U	0.016 U	0.012 U	0.014 U
Arsenic	2.1	***	0.26 U	0.24 U	1.4	1.7	1.5	1.4	2.0	0.86	1.3
Chromium	210	38	3.7	4.5	7.1	7.9	6.5	5.9	11	4.5	4.4
Copper	150**	***	1.3	1.4	3.3	3.7	3.7	3.2	4.0	1.9	1.6
Lead	400	***	2.5	2.0	3.9	3.0	4.5	3.2	5.8	2.6	1.8
Mercury	3	2.1	0.014 I	0.0082 I	0.029	0.024 I	0.04	0.033	0.034	0.014 I	0.011 I
Methylnaphthalene, 1-	200	3.1	0.0042 U	0.004 U	0.0038 U	0.0039 U	0.012 I	0.0036 U	0.0043 U	0.0035 U	0.0035 U
Methylnaphthalene, 2-	210	8.5	0.0036 U	0.0034 U	0.0033 U	0.0033 U	0.02	0.003 U	0.0037 U	0.0029 U	0.0029 U
Nickel	340**	130	2.3	2.2	4.6	4.6	5.2	4.2	4.4	2.4	2.5
Zinc	26,000	***	5.4	5.7	8.1	8.5	9.6	7.9	9.5	6.8	5.7

Notes:

All concentrations in milligrams per kilogram (mg/kg)

Analytes that were undetected in all samples are not included on this table. For full analytical results, see the laboratory report included in Attachment A.

Direct Exposure Residential and Leachability Criteria pursuant to Chapter 62-777, F.A.C.

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

U = Compound was analyzed for but not detected.

** = Direct exposure value based on acute toxicity considerations.

*** = Leachability values may be derived using the Synthetic Precipitation Leaching Procedure test to calculate site-specific SCTLs or may be determined using Toxicity Characteristic Leaching Procedure in the event oily wastes are present.

Source: ECT, 2011.

FIGURES

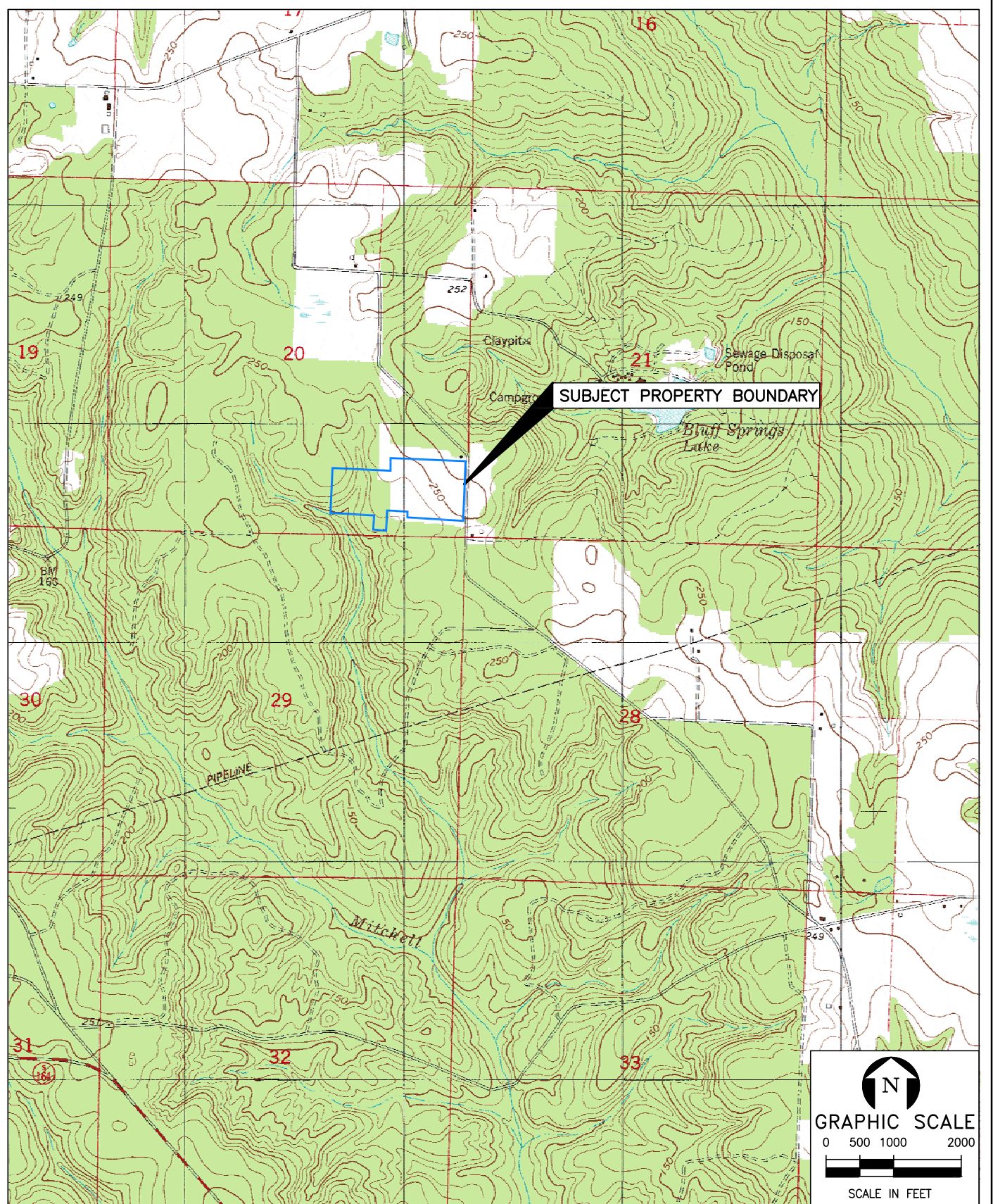


FIGURE 1.
SITE VICINITY MAP
JOHN CASTLEBERRY PARCEL
1571 COX ROAD
McDAVID, ESCAMBIA COUNTY, FLORIDA
Sources: USGS Quad Map of Century, FL., 1980; ECT, 2011.

ECT

Environmental Consulting & Technology, Inc.

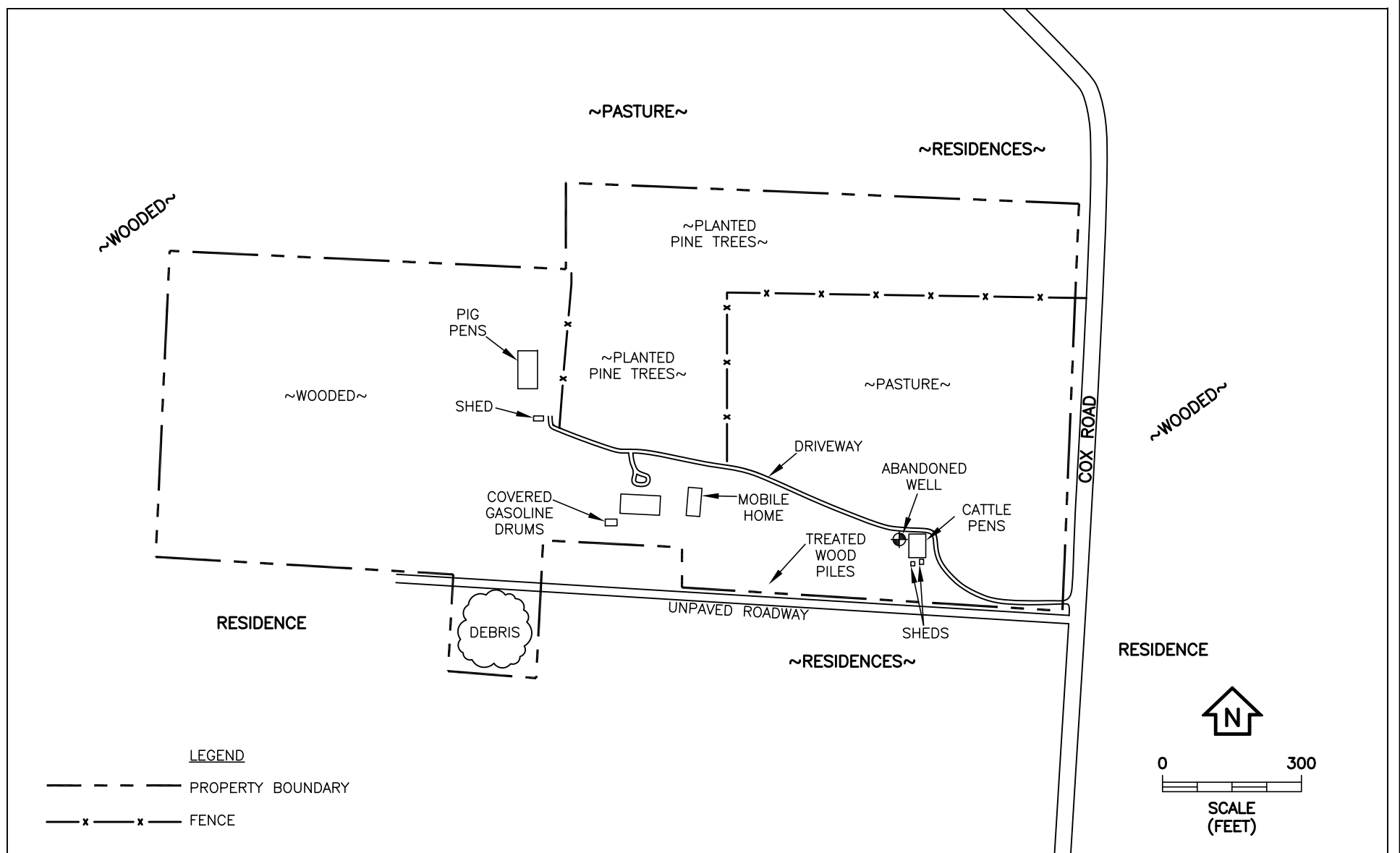


FIGURE 2.
 SITE MAP
 JOHN CASTLEBERRY PARCEL
 1571 COX ROAD
 McDAVID, ESCAMBIA COUNTY, FLORIDA
 Source: ECT, 2011.



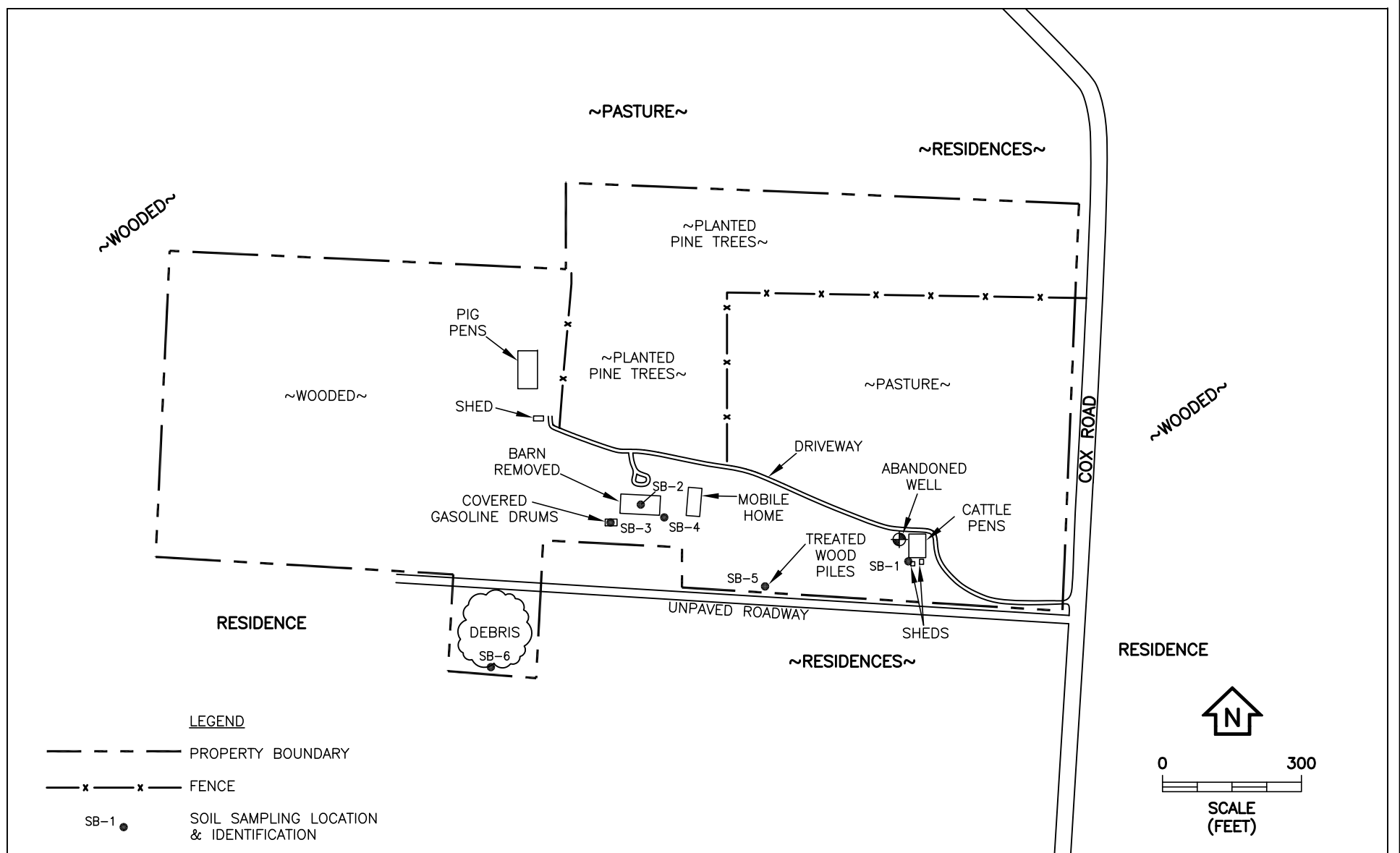


FIGURE 3.
 SOIL SAMPLE LOCATION MAP
 JOHN CASTLEBERRY PARCEL
 1571 COX ROAD
 McDAVID, ESCAMBIA COUNTY, FLORIDA
 Source: ECT, 2011.

**ATTACHMENT A
LABORATORY ANALYTICAL REPORT**



September 21, 2011

Katy Kitanovski
Environmental Consulting & Technology, Inc.
1408 N Westshore Blvd., Suite 115
Tampa, FL 33607

Re: SunLabs Project Number: **110914.09**
Client Project Description: **Gulf Power Company**

Dear Ms. Kitanovski:

Enclosed is the report of laboratory analysis for the following samples:

Sample Number	Sample Description	Date Collected	Date Received
129008	SB-1S	09/12/11 14:03	09/14/11
129009	SB-1D	09/12/11 14:20	09/14/11
129010	SB-2S	09/12/11 14:45	09/14/11
129011	SB-2D	09/12/11 15:00	09/14/11
129012	SB-3S	09/12/11 15:15	09/14/11
129013	SB-3D	09/12/11 15:20	09/14/11
129014	SB-4	09/12/11 15:30	09/14/11
129015	SB-5	09/12/11 15:55	09/14/11
129016	SB-6	09/12/11 16:30	09/14/11

Narrative:

Unless otherwise noted below or in the report and where applicable:

- Samples were received at the proper temperature and analyzed as received.
- Sample condition upon receipt is recorded on the chain-of-custody attached to this report.
- Results for all solid matrices are reported on a dry weight basis.
- Appropriate calibration and QC criteria were satisfactorily met.
- All applicable holding times for analytes have been met.
- Copies of the chains-of-custody, if received, are attached to this report.

QC Batch E1776 had an exception for Antimony on the MSD. The LCS and LCSD were acceptable, so the out of control was attributed to matrix.

QC Batch E1800 had an exception for Bis(2-chloroethyl)ether and 3,3-Dichlorobenzidine on the LCS, LCSD, or RPD. All other QC was acceptable and all samples were non-detect for these analytes.

QC Batch E1807 had an exception for Acetone on the MSD and RPD. The LCS and LCSD were acceptable, so the out of control was attributed to matrix.

QC Batch E1807 had an exception for Dichlorodifluoromethane and Trichlorofluoromethane on the LCS, LCSD, or RPD. All other QC was acceptable and all samples were non-detect for these analytes.

QC Batch E1855 had an exception for Bromoform on the MS. The LCS and LCSD were acceptable, so the out of control was attributed to matrix.

QC Batch E1855 had an exception for 4-Methyl-2-pentanone and MTBE on the LCSD. All other QC was acceptable and all samples were non-detect for these analytes.



If you have any questions or comments concerning this report, please do not hesitate to contact us.

Sincerely,

Michael W. Palmer
Vice President, Laboratory Operations

Enclosures

Unless Otherwise Noted and Where Applicable:

The results herein relate only to the items tested or to the samples as received by the laboratory • This report shall not be reproduced except in full, without the written approval of SunLabs • All samples will be disposed of within 60 days of the date of receipt of the samples • All results meet the requirements of the NELAC standards • Uncertainty values are available upon request



Report of Laboratory Analysis

SunLabs
Project Number
110914.09

Environmental Consulting &
Technology, Inc.
Project Description
Gulf Power Company

September 21, 2011

SunLabs Sample Number **129008**
Sample Designation **SB-1S**

Matrix Soil
Date Collected 09/12/11 14:03
Date Received 09/14/11 13:45

Parameters	Method	Units	Results	Dil Factor	MDL	RL	CAS Number	Date/Time Analyzed	Date/Time Prep
Volatile Organic Compounds By EPA Method 8260									
Date Analyzed			09/20/11	1				09/20/11 01:36	
4-Bromofluorobenzene (28-135)	8260	%	98	1			DEP-SURR-	09/20/11 01:36	
Dibromofluoromethane (3-179)	8260	%	97	1			1868-53-7	09/20/11 01:36	
Toluene-d8 (49-134)	8260	%	101	1			DEP-SURR-	09/20/11 01:36	
Acetone	8260	mg/kg	0.026 I	1	0.014	0.058	67-64-1	09/20/11 01:36	
Benzene	8260	mg/kg	0.00045 U	1	0.00045	0.0045	71-43-2	09/20/11 01:36	
Bromochloromethane	8260	mg/kg	0.00063 U	1	0.00063	0.0045	74-97-5	09/20/11 01:36	
Bromodichloromethane	8260	mg/kg	0.00045 U	1	0.00045	0.0045	75-27-4	09/20/11 01:36	
Bromoform	8260	mg/kg	0.00063 U	1	0.00063	0.0045	75-25-2	09/20/11 01:36	
Bromomethane	8260	mg/kg	0.01 U	1	0.01	0.04	74-83-9	09/20/11 01:36	
2-Butanone	8260	mg/kg	0.012 U	1	0.012	0.047	78-93-3	09/20/11 01:36	
Carbon disulfide	8260	mg/kg	0.00072 U	1	0.00072	0.0045	75-15-0	09/20/11 01:36	
Carbon tetrachloride	8260	mg/kg	0.00091 U	1	0.00091	0.0045	56-23-5	09/20/11 01:36	
Chlorobenzene	8260	mg/kg	0.00054 U	1	0.00054	0.0045	108-90-7	09/20/11 01:36	
Chloroethane	8260	mg/kg	0.00091 U	1	0.00091	0.0045	75-00-3	09/20/11 01:36	
Chloroform	8260	mg/kg	0.00054 U	1	0.00054	0.0045	67-66-3	09/20/11 01:36	
Chloromethane	8260	mg/kg	0.00091 U	1	0.00091	0.0045	74-87-3	09/20/11 01:36	
Dibromochloromethane	8260	mg/kg	0.00091 U	1	0.00091	0.0045	124-48-1	09/20/11 01:36	
Dibromomethane	8260	mg/kg	0.00091 U	1	0.00091	0.0045	74-95-3	09/20/11 01:36	
1,2-Dichlorobenzene	8260	mg/kg	0.00072 U	1	0.00072	0.0045	95-50-1	09/20/11 01:36	
1,3-Dichlorobenzene	8260	mg/kg	0.00082 U	1	0.00082	0.0045	541-73-1	09/20/11 01:36	
1,4-Dichlorobenzene	8260	mg/kg	0.00082 U	1	0.00082	0.0045	106-46-7	09/20/11 01:36	
Dichlorodifluoromethane	8260	mg/kg	0.00091 U	1	0.00091	0.0045	75-71-8	09/20/11 01:36	
1,1-Dichloroethane	8260	mg/kg	0.00082 U	1	0.00082	0.0045	75-34-3	09/20/11 01:36	
1,2-Dichloroethane	8260	mg/kg	0.00036 U	1	0.00036	0.0045	107-06-2	09/20/11 01:36	
1,1-Dichloroethene	8260	mg/kg	0.00091 U	1	0.00091	0.0045	75-35-4	09/20/11 01:36	
cis-1,2-Dichloroethene	8260	mg/kg	0.00054 U	1	0.00054	0.0045	156-59-2	09/20/11 01:36	
trans-1,2-Dichloroethene	8260	mg/kg	0.00063 U	1	0.00063	0.0045	156-60-5	09/20/11 01:36	
1,2-Dichloropropane	8260	mg/kg	0.00063 U	1	0.00063	0.0045	78-87-5	09/20/11 01:36	
1,3-Dichloropropene	8260	mg/kg	0.00091 U	1	0.00091	0.0045	542-75-6	09/20/11 01:36	
Ethylbenzene	8260	mg/kg	0.00036 U	1	0.00036	0.0045	100-41-4	09/20/11 01:36	
2-Hexanone	8260	mg/kg	0.0091 U	1	0.0091	0.036	591-78-6	09/20/11 01:36	
4-Methyl-2-pentanone	8260	mg/kg	0.0072 U	1	0.0072	0.029	108-10-1	09/20/11 01:36	
Methylene chloride	8260	mg/kg	0.0018 U	1	0.0018	0.0072	75-09-2	09/20/11 01:36	
MTBE	8260	mg/kg	0.00063 U	1	0.00063	0.0045	1634-04-4	09/20/11 01:36	
Isopropylbenzene	8260	mg/kg	0.00036 U	1	0.00036	0.0045	98-82-8	09/20/11 01:36	
Styrene	8260	mg/kg	0.00063 U	1	0.00063	0.0045	100-42-5	09/20/11 01:36	
1,1,2,2-Tetrachloroethane	8260	mg/kg	0.00072 U	1	0.00072	0.0045	79-34-5	09/20/11 01:36	
Tetrachloroethene	8260	mg/kg	0.00045 U	1	0.00045	0.0045	127-18-4	09/20/11 01:36	
Toluene	8260	mg/kg	0.0027 U	1	0.0027	0.011	108-88-3	09/20/11 01:36	
Total Xylenes	8260	mg/kg	0.0027 U	1	0.0027	0.011	1330-20-7	09/20/11 01:36	
1,1,1-Trichloroethane	8260	mg/kg	0.00072 U	1	0.00072	0.0045	71-55-6	09/20/11 01:36	

SunLabs, Inc.
5460 Beaumont Center Blvd., Suite 520
Tampa, FL 33634

Laboratory ID Number - E84809

Phone: (813) 881-9401
Email: Info@SunLabsInc.com
Website: www.SunLabsInc.com



Report of Laboratory Analysis

SunLabs
Project Number
110914.09

Environmental Consulting &
Technology, Inc.
Project Description
Gulf Power Company

September 21, 2011

SunLabs Sample Number **129008**
Sample Designation **SB-1S**

Matrix Soil
Date Collected 09/12/11 14:03
Date Received 09/14/11 13:45

Parameters	Method	Units	Results	Dil Factor	MDL	RL	CAS Number	Date/Time Analyzed	Date/Time Prep
Volatile Organic Compounds By EPA Method 8260									
1,1,2-Trichloroethane	8260	mg/kg	0.00072 U	1	0.00072	0.0045	79-00-5	09/20/11 01:36	
Trichloroethene	8260	mg/kg	0.00072 U	1	0.00072	0.0045	79-01-6	09/20/11 01:36	
Trichlorofluoromethane	8260	mg/kg	0.00072 U	1	0.00072	0.0045	75-69-4	09/20/11 01:36	
1,2,4-Trimethylbenzene	8260	mg/kg	0.00091 U	1	0.00091	0.0045	95-63-6	09/20/11 01:36	
1,3,5-Trimethylbenzene	8260	mg/kg	0.00063 U	1	0.00063	0.0045	108-67-8	09/20/11 01:36	
Vinyl chloride	8260	mg/kg	0.00072 U	1	0.00072	0.0045	75-01-4	09/20/11 01:36	
Semi-volatile Organic Compounds by Method 8270									
Date Extracted	3545a		09/16/11						09/16/11 16:00
Date Analyzed	8270		09/21/11	1				09/21/11 14:06	
2-Fluorobiphenyl (14-119)	8270	%	61	1			321-60-8	09/21/11 14:06	09/16/11 16:00
2-Fluorophenol (19-91)	8270	%	57	1			367-12-4	09/21/11 14:06	09/16/11 16:00
Nitrobenzene-d5 (D-196)	8270	%	58	1			DEP-SURR-	09/21/11 14:06	09/16/11 16:00
Phenol-d6 (26-111)	8270	%	63	1			DEP-SURR-	09/21/11 14:06	09/16/11 16:00
Terphenyl-d14 (D-141)	8270	%	85	1			DEP-SURR-	09/21/11 14:06	09/16/11 16:00
2,4,6-Tribromophenol (25-100)	8270	%	69	1			118-79-6	09/21/11 14:06	09/16/11 16:00
Acenaphthene	8270	mg/kg	0.0027 U	1	0.0027	0.011	83-32-9	09/20/11 17:14	09/16/11 16:00
Acenaphthylene	8270	mg/kg	0.0028 U	1	0.0028	0.011	208-96-8	09/20/11 17:14	09/16/11 16:00
Aniline	8270	mg/kg	0.29 U	1	0.29	1.2	62-53-3	09/21/11 14:06	09/16/11 16:00
Anthracene	8270	mg/kg	0.0022 U	1	0.0022	0.0087	120-12-7	09/20/11 17:14	09/16/11 16:00
Benzidine	8270	mg/kg	1.8 U	1	1.8	7.2	92-87-5	09/21/11 14:06	09/16/11 16:00
Benzo(a)anthracene	8270	mg/kg	0.0019 U	1	0.0019	0.0077	56-55-3	09/20/11 17:14	09/16/11 16:00
Benzo(a)Pyrene	8270	mg/kg	0.0026 U	1	0.0026	0.01	50-32-8	09/20/11 17:14	09/16/11 16:00
Benzo(b)Fluoranthene	8270	mg/kg	0.0035 U	1	0.0035	0.014	205-99-2	09/20/11 17:14	09/16/11 16:00
Benzo(g,h,i)perylene	8270	mg/kg	0.0088 U	1	0.0088	0.036	191-24-2	09/20/11 17:14	09/16/11 16:00
Benzo(k)Fluoranthene	8270	mg/kg	0.0024 U	1	0.0024	0.0097	207-08-9	09/20/11 17:14	09/16/11 16:00
Benzoic Acid	8270	mg/kg	1.3 U	1	1.3	5.1	65-85-0	09/21/11 14:06	09/16/11 16:00
Benzyl Alcohol	8270	mg/kg	0.64 U	1	0.64	2.6	100-51-6	09/21/11 14:06	09/16/11 16:00
Bis(2-Chloroethoxy)methane	8270	mg/kg	0.26 U	1	0.26	1	111-91-1	09/21/11 14:06	09/16/11 16:00
Bis(2-chloroethyl)ether	8270	mg/kg	0.38 U	1	0.38	1.5	111-44-4	09/21/11 14:06	09/16/11 16:00
Bis(2-Chloroisopropyl)ether	8270	mg/kg	0.38 U	1	0.38	1.5	39638-32-9	09/21/11 14:06	09/16/11 16:00
Bis(2-Ethylhexyl)Phthalate	8270	mg/kg	0.64 U	1	0.64	2.6	117-81-7	09/21/11 14:06	09/16/11 16:00
Butyl Benzyl Phthalate	8270	mg/kg	0.26 U	1	0.26	1	85-68-7	09/21/11 14:06	09/16/11 16:00
Carbazole	8270	mg/kg	0.074 U	1	0.074	0.29	86-74-8	09/21/11 14:06	09/16/11 16:00
4-chloro-3-methylphenol	8270	mg/kg	0.51 U	1	0.51	2.1	59-50-7	09/21/11 14:06	09/16/11 16:00
4-Chloroaniline	8270	mg/kg	1.3 U	1	1.3	5.1	106-47-8	09/21/11 14:06	09/16/11 16:00
2-Chloronaphthalene	8270	mg/kg	0.26 U	1	0.26	1	91-58-7	09/21/11 14:06	09/16/11 16:00
2-Chlorophenol	8270	mg/kg	0.51 U	1	0.51	2.1	95-57-8	09/21/11 14:06	09/16/11 16:00
Chrysene	8270	mg/kg	0.0015 U	1	0.0015	0.0062	218-01-9	09/20/11 17:14	09/16/11 16:00
Dibenzo(a,h)Anthracene	8270	mg/kg	0.0094 U	1	0.0094	0.037	53-70-3	09/20/11 17:14	09/16/11 16:00
Dibenzofuran	8270	mg/kg	0.38 U	1	0.38	1.5	132-64-9	09/21/11 14:06	09/16/11 16:00
1,2-Dichlorobenzene	8270	mg/kg	0.51 U	1	0.51	2.1	95-50-1	09/21/11 14:06	09/16/11 16:00

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Report of Laboratory Analysis

SunLabs Project Number
110914.09

Environmental Consulting & Technology, Inc.
Project Description
Gulf Power Company

September 21, 2011

SunLabs Sample Number **129008**
Sample Designation **SB-1S**

Matrix Soil
Date Collected 09/12/11 14:03
Date Received 09/14/11 13:45

Parameters	Method	Units	Results	Dil Factor	MDL	RL	CAS Number	Date/Time Analyzed	Date/Time Prep
Semi-volatile Organic Compounds by Method 8270									
1,3-Dichlorobenzene	8270	mg/kg	0.51 U	1	0.51	2.1	541-73-1	09/21/11 14:06	09/16/11 16:00
1,4-Dichlorobenzene	8270	mg/kg	0.51 U	1	0.51	2.1	106-46-7	09/21/11 14:06	09/16/11 16:00
3,3-Dichlorobenzidine	8270	mg/kg	0.47 U	1	0.47	1.9	91-94-1	09/21/11 14:06	09/16/11 16:00
2,4-Dichlorophenol	8270	mg/kg	0.26 U	1	0.26	1	120-83-2	09/21/11 14:06	09/16/11 16:00
1,2-dinitrobenzene	8270	mg/kg	0.53 U	1	0.53	2.1	528-29-0	09/21/11 14:06	09/16/11 16:00
1,3-dinitrobenzene	8270	mg/kg	0.86 U	1	0.86	3.5	99-65-0	09/21/11 14:06	09/16/11 16:00
Diethyl phthalate	8270	mg/kg	0.38 U	1	0.38	1.5	84-66-2	09/21/11 14:06	09/16/11 16:00
Dimethyl phthalate	8270	mg/kg	0.26 U	1	0.26	1	131-11-3	09/21/11 14:06	09/16/11 16:00
2,4-Dimethylphenol	8270	mg/kg	0.51 U	1	0.51	2.1	105-67-9	09/21/11 14:06	09/16/11 16:00
Di-n-butylphthalate	8270	mg/kg	0.38 U	1	0.38	1.5	84-74-2	09/21/11 14:06	09/16/11 16:00
2,4-Dinitrophenol	8270	mg/kg	0.51 U	1	0.51	2.1	51-28-5	09/21/11 14:06	09/16/11 16:00
2,4-Dinitrotoluene	8270	mg/kg	0.26 U	1	0.26	1	121-14-2	09/21/11 14:06	09/16/11 16:00
2,6-Dinitrotoluene	8270	mg/kg	0.38 U	1	0.38	1.5	606-20-2	09/21/11 14:06	09/16/11 16:00
Di-n-Octylphthalate	8270	mg/kg	0.26 U	1	0.26	1	117-84-0	09/21/11 14:06	09/16/11 16:00
1,2-diphenylhydrazine as Azobenzene	8270	mg/kg	0.11 U	1	0.11	0.42	110-33-3	09/21/11 14:06	09/16/11 16:00
Fluoranthene	8270	mg/kg	0.0029 U	1	0.0029	0.012	206-44-0	09/20/11 17:14	09/16/11 16:00
Fluorene	8270	mg/kg	0.0023 U	1	0.0023	0.0092	86-73-7	09/20/11 17:14	09/16/11 16:00
Hexachlorobenzene	8270	mg/kg	0.26 U	1	0.26	1	118-74-1	09/21/11 14:06	09/16/11 16:00
Hexachlorobutadiene	8270	mg/kg	0.38 U	1	0.38	1.5	87-68-3	09/21/11 14:06	09/16/11 16:00
Hexachlorocyclopentadiene	8270	mg/kg	0.26 U	1	0.26	1	77-47-4	09/21/11 14:06	09/16/11 16:00
Hexachloroethane	8270	mg/kg	0.51 U	1	0.51	2.1	67-72-1	09/21/11 14:06	09/16/11 16:00
Indeno(1,2,3-cd)pyrene	8270	mg/kg	0.0092 U	1	0.0092	0.037	193-39-5	09/20/11 17:14	09/16/11 16:00
Isophorone	8270	mg/kg	0.26 U	1	0.26	1	78-59-1	09/21/11 14:06	09/16/11 16:00
1-Methylnaphthalene	8270	mg/kg	0.0042 U	1	0.0042	0.017	90-12-0	09/20/11 17:14	09/16/11 16:00
2-Methylnaphthalene	8270	mg/kg	0.0036 U	1	0.0036	0.015	91-57-6	09/20/11 17:14	09/16/11 16:00
2-methylphenol	8270	mg/kg	0.26 U	1	0.26	1	95-48-7	09/21/11 14:06	09/16/11 16:00
3-methylphenol	8270	mg/kg	0.033 U	1	0.033	0.42	108-39-4	09/21/11 14:06	09/16/11 16:00
4-methylphenol	8270	mg/kg	0.033 U	1	0.033	0.42	8001-28-3	09/21/11 14:06	09/16/11 16:00
Naphthalene	8270	mg/kg	0.0071 U	1	0.0071	0.028	91-20-3	09/20/11 17:14	09/16/11 16:00
m-Nitroaniline	8270	mg/kg	0.51 U	1	0.51	2.1	99-09-2	09/21/11 14:06	09/16/11 16:00
o-Nitroaniline	8270	mg/kg	0.38 U	1	0.38	1.5	88-74-4	09/21/11 14:06	09/16/11 16:00
p-Nitroaniline	8270	mg/kg	0.51 U	1	0.51	2.1	100-01-6	09/21/11 14:06	09/16/11 16:00
Nitrobenzene	8270	mg/kg	0.38 U	1	0.38	1.5	98-95-3	09/21/11 14:06	09/16/11 16:00
4-Nitrophenol	8270	mg/kg	0.38 U	1	0.38	1.5	100-02-7	09/21/11 14:06	09/16/11 16:00
N-nitrosodimethylamine	8270	mg/kg	0.77 U	1	0.77	3.1	62-75-9	09/21/11 14:06	09/16/11 16:00
N-Nitroso-di-n-propylamine	8270	mg/kg	0.38 U	1	0.38	1.5	621-64-7	09/21/11 14:06	09/16/11 16:00
N-nitroso-diphenylamine	8270	mg/kg	0.26 U	1	0.26	1	86-30-6	09/21/11 14:06	09/16/11 16:00
Pentachlorophenol	8270	mg/kg	0.26 U	1	0.26	1	87-86-5	09/21/11 14:06	09/16/11 16:00
Phenanthrene	8270	mg/kg	0.0036 U	1	0.0036	0.015	85-01-8	09/20/11 17:14	09/16/11 16:00
Phenol	8270	mg/kg	0.51 U	1	0.51	2.1	108-95-2	09/21/11 14:06	09/16/11 16:00
Pyrene	8270	mg/kg	0.0088 U	1	0.0088	0.036	129-00-0	09/20/11 17:14	09/16/11 16:00
2,3,4,6-Tetrachlorophenol	8270	mg/kg	0.14 U	1	0.14	1.3	58-90-2	09/21/11 14:06	09/16/11 16:00

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Report of Laboratory Analysis

SunLabs Project Number
110914.09

Environmental Consulting & Technology, Inc.
Project Description
Gulf Power Company

September 21, 2011

SunLabs Sample Number **129008**
 Sample Designation **SB-1S**

Matrix Soil
 Date Collected 09/12/11 14:03
 Date Received 09/14/11 13:45

Parameters	Method	Units	Results	Dil Factor	MDL	RL	CAS Number	Date/Time Analyzed	Date/Time Prep
Semi-volatile Organic Compounds by Method 8270									
1,2,4-Trichlorobenzene	8270	mg/kg	0.38 U	1	0.38	1.5	120-82-1	09/21/11 14:06	09/16/11 16:00
2,4,5-Trichlorophenol	8270	mg/kg	0.26 U	1	0.26	1	95-95-4	09/21/11 14:06	09/16/11 16:00
2,4,6-Trichlorophenol	8270	mg/kg	0.38 U	1	0.38	1.5	88-06-2	09/21/11 14:06	09/16/11 16:00
Florida Petroleum Range Organics(C8-C40)									
Date Extracted			09/15/11						09/15/11 11:15
Date Analyzed			09/19/11	1				09/19/11 20:47	
C-39 (40-140)	FLPRO	%	46	1		1.3	DEP-SURR-	09/19/11 20:47	09/15/11 11:15
o-Terphenyl (40-140)	FLPRO	%	79	1		1.3	84-15-1	09/19/11 20:47	09/15/11 11:15
Petroleum Range Organics	FLPRO	mg/kg	6.2 U	1	6.2	24		09/19/11 20:47	09/15/11 11:15
Percent Moisture									
% Moisture	160.3M	%	22			0.13		09/20/11 06:42	
Mercury									
Date Digested	7471		09/15/11						09/15/11 12:20
Date Analyzed	7471		09/16/11	1				09/16/11 16:30	
Mercury	7471	mg/kg	0.014 I	1	0.0077	0.031	7439-97-6	09/16/11 16:30	09/15/11 12:20
PPM Metals by EPA Method 6010									
Date Digested	3050		09/15/11						09/15/11 12:00
Date Analyzed	6010		09/19/11	1				09/19/11 21:14	
Antimony	6010	mg/kg	0.38 U	1	0.38	1.5	7440-36-0	09/19/11 21:14	09/15/11 12:00
Arsenic	6010	mg/kg	0.26 U	1	0.26	1	7440-38-2	09/19/11 21:14	09/15/11 12:00
Beryllium	6010	mg/kg	0.026 U	1	0.026	0.1	7440-41-7	09/19/11 21:14	09/15/11 12:00
Cadmium	6010	mg/kg	0.038 U	1	0.038	0.15	7440-43-9	09/19/11 21:14	09/15/11 12:00
Chromium	6010	mg/kg	3.7	1	0.26	1	7440-47-3	09/19/11 21:14	09/15/11 12:00
Copper	6010	mg/kg	1.3	1	0.077	0.31	7440-50-8	09/19/11 21:14	09/15/11 12:00
Lead	6010	mg/kg	2.5	1	0.26	1	7439-92-1	09/19/11 21:14	09/15/11 12:00
Nickel	6010	mg/kg	2.3	1	0.13	0.51	7440-02-0	09/19/11 21:14	09/15/11 12:00
Selenium	6010	mg/kg	0.26 U	1	0.26	1	7782-49-2	09/19/11 21:14	09/15/11 12:00
Silver	6010	mg/kg	0.26 U	1	0.26	1	7440-22-4	09/19/11 21:14	09/15/11 12:00
Thallium	6010	mg/kg	0.13 U	1	0.13	0.51	7440-28-0	09/19/11 21:14	09/15/11 12:00
Zinc	6010	mg/kg	5.4	1	0.19	0.77	7440-66-6	09/19/11 21:14	09/15/11 12:00



Report of Laboratory Analysis

SunLabs
Project Number
110914.09

Environmental Consulting &
Technology, Inc.
Project Description
Gulf Power Company

September 21, 2011

SunLabs Sample Number **129009**
Sample Designation **SB-1D**

Matrix Soil
Date Collected 09/12/11 14:20
Date Received 09/14/11 13:45

Parameters	Method	Units	Results	Dil Factor	MDL	RL	CAS Number	Date/Time Analyzed	Date/Time Prep
Volatile Organic Compounds By EPA Method 8260									
Date Analyzed			09/20/11	1				09/20/11 02:01	
4-Bromofluorobenzene (28-135)	8260	%	106	1			DEP-SURR-	09/20/11 02:01	
Dibromofluoromethane (3-179)	8260	%	99	1			1868-53-7	09/20/11 02:01	
Toluene-d8 (49-134)	8260	%	100	1			DEP-SURR-	09/20/11 02:01	
Acetone	8260	mg/kg	0.012 U	1	0.012	0.046	67-64-1	09/20/11 02:01	
Benzene	8260	mg/kg	0.00036 U	1	0.00036	0.0036	71-43-2	09/20/11 02:01	
Bromochloromethane	8260	mg/kg	0.0005 U	1	0.0005	0.0036	74-97-5	09/20/11 02:01	
Bromodichloromethane	8260	mg/kg	0.00036 U	1	0.00036	0.0036	75-27-4	09/20/11 02:01	
Bromoform	8260	mg/kg	0.0005 U	1	0.0005	0.0036	75-25-2	09/20/11 02:01	
Bromomethane	8260	mg/kg	0.0076 U	1	0.0076	0.032	74-83-9	09/20/11 02:01	
2-Butanone	8260	mg/kg	0.0094 U	1	0.0094	0.037	78-93-3	09/20/11 02:01	
Carbon disulfide	8260	mg/kg	0.00057 U	1	0.00057	0.0036	75-15-0	09/20/11 02:01	
Carbon tetrachloride	8260	mg/kg	0.0007 U	1	0.0007	0.0036	56-23-5	09/20/11 02:01	
Chlorobenzene	8260	mg/kg	0.00043 U	1	0.00043	0.0036	108-90-7	09/20/11 02:01	
Chloroethane	8260	mg/kg	0.0007 U	1	0.0007	0.0036	75-00-3	09/20/11 02:01	
Chloroform	8260	mg/kg	0.00043 U	1	0.00043	0.0036	67-66-3	09/20/11 02:01	
Chloromethane	8260	mg/kg	0.0007 U	1	0.0007	0.0036	74-87-3	09/20/11 02:01	
Dibromochloromethane	8260	mg/kg	0.0007 U	1	0.0007	0.0036	124-48-1	09/20/11 02:01	
Dibromomethane	8260	mg/kg	0.0007 U	1	0.0007	0.0036	74-95-3	09/20/11 02:01	
1,2-Dichlorobenzene	8260	mg/kg	0.00057 U	1	0.00057	0.0036	95-50-1	09/20/11 02:01	
1,3-Dichlorobenzene	8260	mg/kg	0.00064 U	1	0.00064	0.0036	541-73-1	09/20/11 02:01	
1,4-Dichlorobenzene	8260	mg/kg	0.00064 U	1	0.00064	0.0036	106-46-7	09/20/11 02:01	
Dichlorodifluoromethane	8260	mg/kg	0.0007 U	1	0.0007	0.0036	75-71-8	09/20/11 02:01	
1,1-Dichloroethane	8260	mg/kg	0.00064 U	1	0.00064	0.0036	75-34-3	09/20/11 02:01	
1,2-Dichloroethane	8260	mg/kg	0.00029 U	1	0.00029	0.0036	107-06-2	09/20/11 02:01	
1,1-Dichloroethene	8260	mg/kg	0.0007 U	1	0.0007	0.0036	75-35-4	09/20/11 02:01	
cis-1,2-Dichloroethene	8260	mg/kg	0.00043 U	1	0.00043	0.0036	156-59-2	09/20/11 02:01	
trans-1,2-Dichloroethene	8260	mg/kg	0.0005 U	1	0.0005	0.0036	156-60-5	09/20/11 02:01	
1,2-Dichloropropane	8260	mg/kg	0.0005 U	1	0.0005	0.0036	78-87-5	09/20/11 02:01	
1,3-Dichloropropene	8260	mg/kg	0.0007 U	1	0.0007	0.0036	542-75-6	09/20/11 02:01	
Ethylbenzene	8260	mg/kg	0.00029 U	1	0.00029	0.0036	100-41-4	09/20/11 02:01	
2-Hexanone	8260	mg/kg	0.007 U	1	0.007	0.029	591-78-6	09/20/11 02:01	
4-Methyl-2-pentanone	8260	mg/kg	0.0057 U	1	0.0057	0.023	108-10-1	09/20/11 02:01	
Methylene chloride	8260	mg/kg	0.0014 U	1	0.0014	0.0057	75-09-2	09/20/11 02:01	
MTBE	8260	mg/kg	0.0005 U	1	0.0005	0.0036	1634-04-4	09/20/11 02:01	
Isopropylbenzene	8260	mg/kg	0.00029 U	1	0.00029	0.0036	98-82-8	09/20/11 02:01	
Styrene	8260	mg/kg	0.0005 U	1	0.0005	0.0036	100-42-5	09/20/11 02:01	
1,1,2,2-Tetrachloroethane	8260	mg/kg	0.00057 U	1	0.00057	0.0036	79-34-5	09/20/11 02:01	
Tetrachloroethene	8260	mg/kg	0.00036 U	1	0.00036	0.0036	127-18-4	09/20/11 02:01	
Toluene	8260	mg/kg	0.0022 U	1	0.0022	0.0088	108-88-3	09/20/11 02:01	
Total Xylenes	8260	mg/kg	0.0022 U	1	0.0022	0.0088	1330-20-7	09/20/11 02:01	
1,1,1-Trichloroethane	8260	mg/kg	0.00057 U	1	0.00057	0.0036	71-55-6	09/20/11 02:01	

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Report of Laboratory Analysis

SunLabs
Project Number
110914.09

Environmental Consulting &
Technology, Inc.
Project Description
Gulf Power Company

September 21, 2011

SunLabs Sample Number **129009**
Sample Designation **SB-1D**

Matrix Soil
Date Collected 09/12/11 14:20
Date Received 09/14/11 13:45

Parameters	Method	Units	Results	Dil Factor	MDL	RL	CAS Number	Date/Time Analyzed	Date/Time Prep
Volatile Organic Compounds By EPA Method 8260									
1,1,2-Trichloroethane	8260	mg/kg	0.00057 U	1	0.00057	0.0036	79-00-5	09/20/11 02:01	
Trichloroethene	8260	mg/kg	0.00057 U	1	0.00057	0.0036	79-01-6	09/20/11 02:01	
Trichlorofluoromethane	8260	mg/kg	0.00057 U	1	0.00057	0.0036	75-69-4	09/20/11 02:01	
1,2,4-Trimethylbenzene	8260	mg/kg	0.0007 U	1	0.0007	0.0036	95-63-6	09/20/11 02:01	
1,3,5-Trimethylbenzene	8260	mg/kg	0.0005 U	1	0.0005	0.0036	108-67-8	09/20/11 02:01	
Vinyl chloride	8260	mg/kg	0.00057 U	1	0.00057	0.0036	75-01-4	09/20/11 02:01	
Semi-volatile Organic Compounds by Method 8270									
Date Extracted	3545a		09/16/11						09/16/11 16:00
Date Analyzed	8270		09/20/11	1				09/21/11 14:31	
2-Fluorobiphenyl (14-119)	8270	%	56	1			321-60-8	09/21/11 14:31	09/16/11 16:00
2-Fluorophenol (19-91)	8270	%	51	1			367-12-4	09/21/11 14:31	09/16/11 16:00
Nitrobenzene-d5 (D-196)	8270	%	51	1			DEP-SURR-	09/21/11 14:31	09/16/11 16:00
Phenol-d6 (26-111)	8270	%	54	1			DEP-SURR-	09/21/11 14:31	09/16/11 16:00
Terphenyl-d14 (D-141)	8270	%	77	1			DEP-SURR-	09/21/11 14:31	09/16/11 16:00
2,4,6-Tribromophenol (25-100)	8270	%	63	1			118-79-6	09/21/11 14:31	09/16/11 16:00
Acenaphthene	8270	mg/kg	0.0026 U	1	0.0026	0.01	83-32-9	09/20/11 17:32	09/16/11 16:00
Acenaphthylene	8270	mg/kg	0.0027 U	1	0.0027	0.011	208-96-8	09/20/11 17:32	09/16/11 16:00
Aniline	8270	mg/kg	0.28 U	1	0.28	1.1	62-53-3	09/21/11 14:31	09/16/11 16:00
Anthracene	8270	mg/kg	0.0021 U	1	0.0021	0.0083	120-12-7	09/20/11 17:32	09/16/11 16:00
Benzidine	8270	mg/kg	1.7 U	1	1.7	6.8	92-87-5	09/21/11 14:31	09/16/11 16:00
Benzo(a)anthracene	8270	mg/kg	0.0018 U	1	0.0018	0.0073	56-55-3	09/20/11 17:32	09/16/11 16:00
Benzo(a)Pyrene	8270	mg/kg	0.0024 U	1	0.0024	0.0098	50-32-8	09/20/11 17:32	09/16/11 16:00
Benzo(b)Fluoranthene	8270	mg/kg	0.0033 U	1	0.0033	0.013	205-99-2	09/20/11 17:32	09/16/11 16:00
Benzo(g,h,i)perylene	8270	mg/kg	0.0084 U	1	0.0084	0.034	191-24-2	09/20/11 17:32	09/16/11 16:00
Benzo(k)Fluoranthene	8270	mg/kg	0.0023 U	1	0.0023	0.0093	207-08-9	09/20/11 17:32	09/16/11 16:00
Benzoic Acid	8270	mg/kg	1.2 U	1	1.2	4.9	65-85-0	09/21/11 14:31	09/16/11 16:00
Benzyl Alcohol	8270	mg/kg	0.61 U	1	0.61	2.4	100-51-6	09/21/11 14:31	09/16/11 16:00
Bis(2-Chloroethoxy)methane	8270	mg/kg	0.24 U	1	0.24	0.98	111-91-1	09/21/11 14:31	09/16/11 16:00
Bis(2-chloroethyl)ether	8270	mg/kg	0.37 U	1	0.37	1.5	111-44-4	09/21/11 14:31	09/16/11 16:00
Bis(2-Chloroisopropyl)ether	8270	mg/kg	0.37 U	1	0.37	1.5	39638-32-9	09/21/11 14:31	09/16/11 16:00
Bis(2-Ethylhexyl)Phthalate	8270	mg/kg	0.61 U	1	0.61	2.4	117-81-7	09/21/11 14:31	09/16/11 16:00
Butyl Benzyl Phthalate	8270	mg/kg	0.24 U	1	0.24	0.98	85-68-7	09/21/11 14:31	09/16/11 16:00
Carbazole	8270	mg/kg	0.071 U	1	0.071	0.28	86-74-8	09/21/11 14:31	09/16/11 16:00
4-chloro-3-methylphenol	8270	mg/kg	0.49 U	1	0.49	2	59-50-7	09/21/11 14:31	09/16/11 16:00
4-Chloroaniline	8270	mg/kg	1.2 U	1	1.2	4.9	106-47-8	09/21/11 14:31	09/16/11 16:00
2-Chloronaphthalene	8270	mg/kg	0.24 U	1	0.24	0.98	91-58-7	09/21/11 14:31	09/16/11 16:00
2-Chlorophenol	8270	mg/kg	0.49 U	1	0.49	2	95-57-8	09/21/11 14:31	09/16/11 16:00
Chrysene	8270	mg/kg	0.0015 U	1	0.0015	0.0059	218-01-9	09/20/11 17:32	09/16/11 16:00
Dibenzo(a,h)Anthracene	8270	mg/kg	0.0089 U	1	0.0089	0.035	53-70-3	09/20/11 17:32	09/16/11 16:00
Dibenzofuran	8270	mg/kg	0.37 U	1	0.37	1.5	132-64-9	09/21/11 14:31	09/16/11 16:00
1,2-Dichlorobenzene	8270	mg/kg	0.49 U	1	0.49	2	95-50-1	09/21/11 14:31	09/16/11 16:00

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Report of Laboratory Analysis

SunLabs Project Number
110914.09

Environmental Consulting & Technology, Inc.
Project Description
Gulf Power Company

September 21, 2011

SunLabs Sample Number **129009**
Sample Designation **SB-1D**

Matrix Soil
Date Collected 09/12/11 14:20
Date Received 09/14/11 13:45

Parameters	Method	Units	Results	Dil Factor	MDL	RL	CAS Number	Date/Time Analyzed	Date/Time Prep
Semi-volatile Organic Compounds by Method 8270									
1,3-Dichlorobenzene	8270	mg/kg	0.49 U	1	0.49	2	541-73-1	09/21/11 14:31	09/16/11 16:00
1,4-Dichlorobenzene	8270	mg/kg	0.49 U	1	0.49	2	106-46-7	09/21/11 14:31	09/16/11 16:00
3,3-Dichlorobenzidine	8270	mg/kg	0.45 U	1	0.45	1.8	91-94-1	09/21/11 14:31	09/16/11 16:00
2,4-Dichlorophenol	8270	mg/kg	0.24 U	1	0.24	0.98	120-83-2	09/21/11 14:31	09/16/11 16:00
1,2-dinitrobenzene	8270	mg/kg	0.5 U	1	0.5	2	528-29-0	09/21/11 14:31	09/16/11 16:00
1,3-dinitrobenzene	8270	mg/kg	0.82 U	1	0.82	3.3	99-65-0	09/21/11 14:31	09/16/11 16:00
Diethyl phthalate	8270	mg/kg	0.37 U	1	0.37	1.5	84-66-2	09/21/11 14:31	09/16/11 16:00
Dimethyl phthalate	8270	mg/kg	0.24 U	1	0.24	0.98	131-11-3	09/21/11 14:31	09/16/11 16:00
2,4-Dimethylphenol	8270	mg/kg	0.49 U	1	0.49	2	105-67-9	09/21/11 14:31	09/16/11 16:00
Di-n-butylphthalate	8270	mg/kg	0.37 U	1	0.37	1.5	84-74-2	09/21/11 14:31	09/16/11 16:00
2,4-Dinitrophenol	8270	mg/kg	0.49 U	1	0.49	2	51-28-5	09/21/11 14:31	09/16/11 16:00
2,4-Dinitrotoluene	8270	mg/kg	0.24 U	1	0.24	0.98	121-14-2	09/21/11 14:31	09/16/11 16:00
2,6-Dinitrotoluene	8270	mg/kg	0.37 U	1	0.37	1.5	606-20-2	09/21/11 14:31	09/16/11 16:00
Di-n-Octylphthalate	8270	mg/kg	0.24 U	1	0.24	0.98	117-84-0	09/21/11 14:31	09/16/11 16:00
1,2-diphenylhydrazine as Azobenzene	8270	mg/kg	0.1 U	1	0.1	0.4	110-33-3	09/21/11 14:31	09/16/11 16:00
Fluoranthene	8270	mg/kg	0.0028 U	1	0.0028	0.011	206-44-0	09/20/11 17:32	09/16/11 16:00
Fluorene	8270	mg/kg	0.0022 U	1	0.0022	0.0088	86-73-7	09/20/11 17:32	09/16/11 16:00
Hexachlorobenzene	8270	mg/kg	0.24 U	1	0.24	0.98	118-74-1	09/21/11 14:31	09/16/11 16:00
Hexachlorobutadiene	8270	mg/kg	0.37 U	1	0.37	1.5	87-68-3	09/21/11 14:31	09/16/11 16:00
Hexachlorocyclopentadiene	8270	mg/kg	0.24 U	1	0.24	0.98	77-47-4	09/21/11 14:31	09/16/11 16:00
Hexachloroethane	8270	mg/kg	0.49 U	1	0.49	2	67-72-1	09/21/11 14:31	09/16/11 16:00
Indeno(1,2,3-cd)pyrene	8270	mg/kg	0.0088 U	1	0.0088	0.035	193-39-5	09/20/11 17:32	09/16/11 16:00
Isophorone	8270	mg/kg	0.24 U	1	0.24	0.98	78-59-1	09/21/11 14:31	09/16/11 16:00
1-Methylnaphthalene	8270	mg/kg	0.004 U	1	0.004	0.016	90-12-0	09/20/11 17:32	09/16/11 16:00
2-Methylnaphthalene	8270	mg/kg	0.0034 U	1	0.0034	0.015	91-57-6	09/20/11 17:32	09/16/11 16:00
2-methylphenol	8270	mg/kg	0.24 U	1	0.24	0.98	95-48-7	09/21/11 14:31	09/16/11 16:00
3-methylphenol	8270	mg/kg	0.032 U	1	0.032	0.4	108-39-4	09/21/11 14:31	09/16/11 16:00
4-methylphenol	8270	mg/kg	0.032 U	1	0.032	0.4	8001-28-3	09/21/11 14:31	09/16/11 16:00
Naphthalene	8270	mg/kg	0.0067 U	1	0.0067	0.027	91-20-3	09/20/11 17:32	09/16/11 16:00
m-Nitroaniline	8270	mg/kg	0.49 U	1	0.49	2	99-09-2	09/21/11 14:31	09/16/11 16:00
o-Nitroaniline	8270	mg/kg	0.37 U	1	0.37	1.5	88-74-4	09/21/11 14:31	09/16/11 16:00
p-Nitroaniline	8270	mg/kg	0.49 U	1	0.49	2	100-01-6	09/21/11 14:31	09/16/11 16:00
Nitrobenzene	8270	mg/kg	0.37 U	1	0.37	1.5	98-95-3	09/21/11 14:31	09/16/11 16:00
4-Nitrophenol	8270	mg/kg	0.37 U	1	0.37	1.5	100-02-7	09/21/11 14:31	09/16/11 16:00
N-nitrosodimethylamine	8270	mg/kg	0.73 U	1	0.73	2.9	62-75-9	09/21/11 14:31	09/16/11 16:00
N-Nitroso-di-n-propylamine	8270	mg/kg	0.37 U	1	0.37	1.5	621-64-7	09/21/11 14:31	09/16/11 16:00
N-nitroso-diphenylamine	8270	mg/kg	0.24 U	1	0.24	0.98	86-30-6	09/21/11 14:31	09/16/11 16:00
Pentachlorophenol	8270	mg/kg	0.24 U	1	0.24	0.98	87-86-5	09/21/11 14:31	09/16/11 16:00
Phenanthrene	8270	mg/kg	0.0034 U	1	0.0034	0.015	85-01-8	09/20/11 17:32	09/16/11 16:00
Phenol	8270	mg/kg	0.49 U	1	0.49	2	108-95-2	09/21/11 14:31	09/16/11 16:00
Pyrene	8270	mg/kg	0.0084 U	1	0.0084	0.034	129-00-0	09/20/11 17:32	09/16/11 16:00
2,3,4,6-Tetrachlorophenol	8270	mg/kg	0.13 U	1	0.13	1.2	58-90-2	09/21/11 14:31	09/16/11 16:00

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Report of Laboratory Analysis

SunLabs Project Number
110914.09

Environmental Consulting & Technology, Inc.
Project Description
Gulf Power Company

September 21, 2011

SunLabs Sample Number **129009**
Sample Designation **SB-1D**

Matrix Soil
Date Collected 09/12/11 14:20
Date Received 09/14/11 13:45

Parameters	Method	Units	Results	Dil Factor	MDL	RL	CAS Number	Date/Time Analyzed	Date/Time Prep
Semi-volatile Organic Compounds by Method 8270									
1,2,4-Trichlorobenzene	8270	mg/kg	0.37 U	1	0.37	1.5	120-82-1	09/21/11 14:31	09/16/11 16:00
2,4,5-Trichlorophenol	8270	mg/kg	0.24 U	1	0.24	0.98	95-95-4	09/21/11 14:31	09/16/11 16:00
2,4,6-Trichlorophenol	8270	mg/kg	0.37 U	1	0.37	1.5	88-06-2	09/21/11 14:31	09/16/11 16:00
Florida Petroleum Range Organics(C8-C40)									
Date Extracted			09/15/11						09/15/11 11:15
Date Analyzed			09/19/11	1				09/19/11 21:04	
C-39 (40-140)	FLPRO	%	48	1		1.2	DEP-SURR-	09/19/11 21:04	09/15/11 11:15
o-Terphenyl (40-140)	FLPRO	%	76	1		1.2	84-15-1	09/19/11 21:04	09/15/11 11:15
Petroleum Range Organics	FLPRO	mg/kg	5.9 U	1	5.9	23		09/19/11 21:04	09/15/11 11:15
Percent Moisture									
% Moisture	160.3M	%	18			0.12		09/20/11 06:42	
Mercury									
Date Digested	7471		09/15/11						09/15/11 12:20
Date Analyzed	7471		09/16/11	1				09/16/11 16:32	
Mercury	7471	mg/kg	0.0082 I	1	0.0073	0.029	7439-97-6	09/16/11 16:32	09/15/11 12:20
PPM Metals by EPA Method 6010									
Date Digested	3050		09/15/11						09/15/11 12:00
Date Analyzed	6010		09/19/11	1				09/19/11 21:08	
Antimony	6010	mg/kg	0.37 U	1	0.37	1.5	7440-36-0	09/19/11 21:08	09/15/11 12:00
Arsenic	6010	mg/kg	0.24 U	1	0.24	0.98	7440-38-2	09/19/11 21:08	09/15/11 12:00
Beryllium	6010	mg/kg	0.024 U	1	0.024	0.098	7440-41-7	09/19/11 21:08	09/15/11 12:00
Cadmium	6010	mg/kg	0.037 U	1	0.037	0.15	7440-43-9	09/19/11 21:08	09/15/11 12:00
Chromium	6010	mg/kg	4.5	1	0.24	0.98	7440-47-3	09/19/11 21:08	09/15/11 12:00
Copper	6010	mg/kg	1.4	1	0.073	0.29	7440-50-8	09/19/11 21:08	09/15/11 12:00
Lead	6010	mg/kg	2.0	1	0.24	0.98	7439-92-1	09/19/11 21:08	09/15/11 12:00
Nickel	6010	mg/kg	2.2	1	0.12	0.49	7440-02-0	09/19/11 21:08	09/15/11 12:00
Selenium	6010	mg/kg	0.24 U	1	0.24	0.98	7782-49-2	09/19/11 21:08	09/15/11 12:00
Silver	6010	mg/kg	0.24 U	1	0.24	0.98	7440-22-4	09/19/11 21:08	09/15/11 12:00
Thallium	6010	mg/kg	0.12 U	1	0.12	0.49	7440-28-0	09/19/11 21:08	09/15/11 12:00
Zinc	6010	mg/kg	5.7	1	0.18	0.73	7440-66-6	09/19/11 21:08	09/15/11 12:00



Report of Laboratory Analysis

SunLabs
Project Number
110914.09

Environmental Consulting &
Technology, Inc.
Project Description
Gulf Power Company

September 21, 2011

SunLabs Sample Number **129010**
Sample Designation **SB-2S**

Matrix Soil
Date Collected 09/12/11 14:45
Date Received 09/14/11 13:45

Parameters	Method	Units	Results	Dil Factor	MDL	RL	CAS Number	Date/Time Analyzed	Date/Time Prep
Volatile Organic Compounds By EPA Method 8260									
Date Analyzed			09/20/11	1				09/20/11 02:25	
4-Bromofluorobenzene (28-135)	8260	%	103	1			DEP-SURR-	09/20/11 02:25	
Dibromofluoromethane (3-179)	8260	%	99	1			1868-53-7	09/20/11 02:25	
Toluene-d8 (49-134)	8260	%	98	1			DEP-SURR-	09/20/11 02:25	
Acetone	8260	mg/kg	0.087	1	0.012	0.047	67-64-1	09/20/11 02:25	
Benzene	8260	mg/kg	0.00037 U	1	0.00037	0.0037	71-43-2	09/20/11 02:25	
Bromochloromethane	8260	mg/kg	0.00052 U	1	0.00052	0.0037	74-97-5	09/20/11 02:25	
Bromodichloromethane	8260	mg/kg	0.00037 U	1	0.00037	0.0037	75-27-4	09/20/11 02:25	
Bromoform	8260	mg/kg	0.00052 U	1	0.00052	0.0037	75-25-2	09/20/11 02:25	
Bromomethane	8260	mg/kg	0.0083 U	1	0.0083	0.032	74-83-9	09/20/11 02:25	
2-Butanone	8260	mg/kg	0.0095 U	1	0.0095	0.038	78-93-3	09/20/11 02:25	
Carbon disulfide	8260	mg/kg	0.00059 U	1	0.00059	0.0037	75-15-0	09/20/11 02:25	
Carbon tetrachloride	8260	mg/kg	0.00076 U	1	0.00076	0.0037	56-23-5	09/20/11 02:25	
Chlorobenzene	8260	mg/kg	0.00045 U	1	0.00045	0.0037	108-90-7	09/20/11 02:25	
Chloroethane	8260	mg/kg	0.00076 U	1	0.00076	0.0037	75-00-3	09/20/11 02:25	
Chloroform	8260	mg/kg	0.00045 U	1	0.00045	0.0037	67-66-3	09/20/11 02:25	
Chloromethane	8260	mg/kg	0.00076 U	1	0.00076	0.0037	74-87-3	09/20/11 02:25	
Dibromochloromethane	8260	mg/kg	0.00076 U	1	0.00076	0.0037	124-48-1	09/20/11 02:25	
Dibromomethane	8260	mg/kg	0.00076 U	1	0.00076	0.0037	74-95-3	09/20/11 02:25	
1,2-Dichlorobenzene	8260	mg/kg	0.00059 U	1	0.00059	0.0037	95-50-1	09/20/11 02:25	
1,3-Dichlorobenzene	8260	mg/kg	0.00064 U	1	0.00064	0.0037	541-73-1	09/20/11 02:25	
1,4-Dichlorobenzene	8260	mg/kg	0.00064 U	1	0.00064	0.0037	106-46-7	09/20/11 02:25	
Dichlorodifluoromethane	8260	mg/kg	0.00076 U	1	0.00076	0.0037	75-71-8	09/20/11 02:25	
1,1-Dichloroethane	8260	mg/kg	0.00064 U	1	0.00064	0.0037	75-34-3	09/20/11 02:25	
1,2-Dichloroethane	8260	mg/kg	0.0003 U	1	0.0003	0.0037	107-06-2	09/20/11 02:25	
1,1-Dichloroethene	8260	mg/kg	0.00076 U	1	0.00076	0.0037	75-35-4	09/20/11 02:25	
cis-1,2-Dichloroethene	8260	mg/kg	0.00045 U	1	0.00045	0.0037	156-59-2	09/20/11 02:25	
trans-1,2-Dichloroethene	8260	mg/kg	0.00052 U	1	0.00052	0.0037	156-60-5	09/20/11 02:25	
1,2-Dichloropropane	8260	mg/kg	0.00052 U	1	0.00052	0.0037	78-87-5	09/20/11 02:25	
1,3-Dichloropropene	8260	mg/kg	0.00076 U	1	0.00076	0.0037	542-75-6	09/20/11 02:25	
Ethylbenzene	8260	mg/kg	0.0003 U	1	0.0003	0.0037	100-41-4	09/20/11 02:25	
2-Hexanone	8260	mg/kg	0.0076 U	1	0.0076	0.03	591-78-6	09/20/11 02:25	
4-Methyl-2-pentanone	8260	mg/kg	0.0059 U	1	0.0059	0.024	108-10-1	09/20/11 02:25	
Methylene chloride	8260	mg/kg	0.0015 U	1	0.0015	0.0059	75-09-2	09/20/11 02:25	
MTBE	8260	mg/kg	0.00052 U	1	0.00052	0.0037	1634-04-4	09/20/11 02:25	
Isopropylbenzene	8260	mg/kg	0.0003 U	1	0.0003	0.0037	98-82-8	09/20/11 02:25	
Styrene	8260	mg/kg	0.00052 U	1	0.00052	0.0037	100-42-5	09/20/11 02:25	
1,1,2,2-Tetrachloroethane	8260	mg/kg	0.00059 U	1	0.00059	0.0037	79-34-5	09/20/11 02:25	
Tetrachloroethene	8260	mg/kg	0.00037 U	1	0.00037	0.0037	127-18-4	09/20/11 02:25	
Toluene	8260	mg/kg	0.0022 U	1	0.0022	0.0089	108-88-3	09/20/11 02:25	
Total Xylenes	8260	mg/kg	0.0022 U	1	0.0022	0.0089	1330-20-7	09/20/11 02:25	
1,1,1-Trichloroethane	8260	mg/kg	0.00059 U	1	0.00059	0.0037	71-55-6	09/20/11 02:25	

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Report of Laboratory Analysis

SunLabs
Project Number
110914.09

Environmental Consulting &
Technology, Inc.
Project Description
Gulf Power Company

September 21, 2011

SunLabs Sample Number **129010**
Sample Designation **SB-2S**

Matrix Soil
Date Collected 09/12/11 14:45
Date Received 09/14/11 13:45

Parameters	Method	Units	Results	Dil Factor	MDL	RL	CAS Number	Date/Time Analyzed	Date/Time Prep
Volatile Organic Compounds By EPA Method 8260									
1,1,2-Trichloroethane	8260	mg/kg	0.00059 U	1	0.00059	0.0037	79-00-5	09/20/11 02:25	
Trichloroethene	8260	mg/kg	0.00059 U	1	0.00059	0.0037	79-01-6	09/20/11 02:25	
Trichlorofluoromethane	8260	mg/kg	0.00059 U	1	0.00059	0.0037	75-69-4	09/20/11 02:25	
1,2,4-Trimethylbenzene	8260	mg/kg	0.00076 U	1	0.00076	0.0037	95-63-6	09/20/11 02:25	
1,3,5-Trimethylbenzene	8260	mg/kg	0.00052 U	1	0.00052	0.0037	108-67-8	09/20/11 02:25	
Vinyl chloride	8260	mg/kg	0.00059 U	1	0.00059	0.0037	75-01-4	09/20/11 02:25	
Semi-volatile Organic Compounds by Method 8270									
Date Extracted	3545a		09/16/11						09/16/11 16:00
Date Analyzed	8270		09/21/11	1				09/21/11 15:20	
2-Fluorobiphenyl (14-119)	8270	%	56	1			321-60-8	09/21/11 15:20	09/16/11 16:00
2-Fluorophenol (19-91)	8270	%	54	1			367-12-4	09/21/11 15:20	09/16/11 16:00
Nitrobenzene-d5 (D-196)	8270	%	55	1			DEP-SURR-	09/21/11 15:20	09/16/11 16:00
Phenol-d6 (26-111)	8270	%	58	1			DEP-SURR-	09/21/11 15:20	09/16/11 16:00
Terphenyl-d14 (D-141)	8270	%	79	1			DEP-SURR-	09/21/11 15:20	09/16/11 16:00
2,4,6-Tribromophenol (25-100)	8270	%	65	1			118-79-6	09/21/11 15:20	09/16/11 16:00
Acenaphthene	8270	mg/kg	0.0024 U	1	0.0024	0.0098	83-32-9	09/20/11 17:50	09/16/11 16:00
Acenaphthylene	8270	mg/kg	0.0026 U	1	0.0026	0.01	208-96-8	09/20/11 17:50	09/16/11 16:00
Aniline	8270	mg/kg	0.27 U	1	0.27	1.1	62-53-3	09/21/11 15:20	09/16/11 16:00
Anthracene	8270	mg/kg	0.002 U	1	0.002	0.0079	120-12-7	09/20/11 17:50	09/16/11 16:00
Benzidine	8270	mg/kg	1.6 U	1	1.6	6.5	92-87-5	09/21/11 15:20	09/16/11 16:00
Benzo(a)anthracene	8270	mg/kg	0.0017 U	1	0.0017	0.007	56-55-3	09/20/11 17:50	09/16/11 16:00
Benzo(a)Pyrene	8270	mg/kg	0.0023 U	1	0.0023	0.0093	50-32-8	09/20/11 17:50	09/16/11 16:00
Benzo(b)Fluoranthene	8270	mg/kg	0.0031 U	1	0.0031	0.013	205-99-2	09/20/11 17:50	09/16/11 16:00
Benzo(g,h,i)perylene	8270	mg/kg	0.008 U	1	0.008	0.033	191-24-2	09/20/11 17:50	09/16/11 16:00
Benzo(k)Fluoranthene	8270	mg/kg	0.0022 U	1	0.0022	0.0088	207-08-9	09/20/11 17:50	09/16/11 16:00
Benzoic Acid	8270	mg/kg	1.2 U	1	1.2	4.7	65-85-0	09/21/11 15:20	09/16/11 16:00
Benzyl Alcohol	8270	mg/kg	0.58 U	1	0.58	2.3	100-51-6	09/21/11 15:20	09/16/11 16:00
Bis(2-Chloroethoxy)methane	8270	mg/kg	0.23 U	1	0.23	0.93	111-91-1	09/21/11 15:20	09/16/11 16:00
Bis(2-chloroethyl)ether	8270	mg/kg	0.35 U	1	0.35	1.4	111-44-4	09/21/11 15:20	09/16/11 16:00
Bis(2-Chloroisopropyl)ether	8270	mg/kg	0.35 U	1	0.35	1.4	39638-32-9	09/21/11 15:20	09/16/11 16:00
Bis(2-Ethylhexyl)Phthalate	8270	mg/kg	0.58 U	1	0.58	2.3	117-81-7	09/21/11 15:20	09/16/11 16:00
Butyl Benzyl Phthalate	8270	mg/kg	0.23 U	1	0.23	0.93	85-68-7	09/21/11 15:20	09/16/11 16:00
Carbazole	8270	mg/kg	0.067 U	1	0.067	0.27	86-74-8	09/21/11 15:20	09/16/11 16:00
4-chloro-3-methylphenol	8270	mg/kg	0.47 U	1	0.47	1.9	59-50-7	09/21/11 15:20	09/16/11 16:00
4-Chloroaniline	8270	mg/kg	1.2 U	1	1.2	4.7	106-47-8	09/21/11 15:20	09/16/11 16:00
2-Chloronaphthalene	8270	mg/kg	0.23 U	1	0.23	0.93	91-58-7	09/21/11 15:20	09/16/11 16:00
2-Chlorophenol	8270	mg/kg	0.47 U	1	0.47	1.9	95-57-8	09/21/11 15:20	09/16/11 16:00
Chrysene	8270	mg/kg	0.0014 U	1	0.0014	0.0056	218-01-9	09/20/11 17:50	09/16/11 16:00
Dibenzo(a,h)Anthracene	8270	mg/kg	0.0085 U	1	0.0085	0.034	53-70-3	09/20/11 17:50	09/16/11 16:00
Dibenzofuran	8270	mg/kg	0.35 U	1	0.35	1.4	132-64-9	09/21/11 15:20	09/16/11 16:00
1,2-Dichlorobenzene	8270	mg/kg	0.47 U	1	0.47	1.9	95-50-1	09/21/11 15:20	09/16/11 16:00

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Report of Laboratory Analysis

SunLabs Project Number
110914.09

Environmental Consulting & Technology, Inc.
Project Description
Gulf Power Company

September 21, 2011

SunLabs Sample Number **129010**
 Sample Designation **SB-2S**

Matrix **Soil**
 Date Collected **09/12/11 14:45**
 Date Received **09/14/11 13:45**

Parameters	Method	Units	Results	Dil Factor	MDL	RL	CAS Number	Date/Time Analyzed	Date/Time Prep
Semi-volatile Organic Compounds by Method 8270									
1,3-Dichlorobenzene	8270	mg/kg	0.47 U	1	0.47	1.9	541-73-1	09/21/11 15:20	09/16/11 16:00
1,4-Dichlorobenzene	8270	mg/kg	0.47 U	1	0.47	1.9	106-46-7	09/21/11 15:20	09/16/11 16:00
3,3-Dichlorobenzidine	8270	mg/kg	0.43 U	1	0.43	1.7	91-94-1	09/21/11 15:20	09/16/11 16:00
2,4-Dichlorophenol	8270	mg/kg	0.23 U	1	0.23	0.93	120-83-2	09/21/11 15:20	09/16/11 16:00
1,2-dinitrobenzene	8270	mg/kg	0.48 U	1	0.48	1.9	528-29-0	09/21/11 15:20	09/16/11 16:00
1,3-dinitrobenzene	8270	mg/kg	0.78 U	1	0.78	3.1	99-65-0	09/21/11 15:20	09/16/11 16:00
Diethyl phthalate	8270	mg/kg	0.35 U	1	0.35	1.4	84-66-2	09/21/11 15:20	09/16/11 16:00
Dimethyl phthalate	8270	mg/kg	0.23 U	1	0.23	0.93	131-11-3	09/21/11 15:20	09/16/11 16:00
2,4-Dimethylphenol	8270	mg/kg	0.47 U	1	0.47	1.9	105-67-9	09/21/11 15:20	09/16/11 16:00
Di-n-butylphthalate	8270	mg/kg	0.35 U	1	0.35	1.4	84-74-2	09/21/11 15:20	09/16/11 16:00
2,4-Dinitrophenol	8270	mg/kg	0.47 U	1	0.47	1.9	51-28-5	09/21/11 15:20	09/16/11 16:00
2,4-Dinitrotoluene	8270	mg/kg	0.23 U	1	0.23	0.93	121-14-2	09/21/11 15:20	09/16/11 16:00
2,6-Dinitrotoluene	8270	mg/kg	0.35 U	1	0.35	1.4	606-20-2	09/21/11 15:20	09/16/11 16:00
Di-n-Octylphthalate	8270	mg/kg	0.23 U	1	0.23	0.93	117-84-0	09/21/11 15:20	09/16/11 16:00
1,2-diphenylhydrazine as Azobenzene	8270	mg/kg	0.097 U	1	0.097	0.38	110-33-3	09/21/11 15:20	09/16/11 16:00
Fluoranthene	8270	mg/kg	0.0027 U	1	0.0027	0.011	206-44-0	09/20/11 17:50	09/16/11 16:00
Fluorene	8270	mg/kg	0.0021 U	1	0.0021	0.0084	86-73-7	09/20/11 17:50	09/16/11 16:00
Hexachlorobenzene	8270	mg/kg	0.23 U	1	0.23	0.93	118-74-1	09/21/11 15:20	09/16/11 16:00
Hexachlorobutadiene	8270	mg/kg	0.35 U	1	0.35	1.4	87-68-3	09/21/11 15:20	09/16/11 16:00
Hexachlorocyclopentadiene	8270	mg/kg	0.23 U	1	0.23	0.93	77-47-4	09/21/11 15:20	09/16/11 16:00
Hexachloroethane	8270	mg/kg	0.47 U	1	0.47	1.9	67-72-1	09/21/11 15:20	09/16/11 16:00
Indeno(1,2,3-cd)pyrene	8270	mg/kg	0.0084 U	1	0.0084	0.034	193-39-5	09/20/11 17:50	09/16/11 16:00
Isophorone	8270	mg/kg	0.23 U	1	0.23	0.93	78-59-1	09/21/11 15:20	09/16/11 16:00
1-Methylnaphthalene	8270	mg/kg	0.0038 U	1	0.0038	0.015	90-12-0	09/20/11 17:50	09/16/11 16:00
2-Methylnaphthalene	8270	mg/kg	0.0033 U	1	0.0033	0.014	91-57-6	09/20/11 17:50	09/16/11 16:00
2-methylphenol	8270	mg/kg	0.23 U	1	0.23	0.93	95-48-7	09/21/11 15:20	09/16/11 16:00
3-methylphenol	8270	mg/kg	0.03 U	1	0.03	0.38	108-39-4	09/21/11 15:20	09/16/11 16:00
4-methylphenol	8270	mg/kg	0.03 U	1	0.03	0.38	8001-28-3	09/21/11 15:20	09/16/11 16:00
Naphthalene	8270	mg/kg	0.0064 U	1	0.0064	0.026	91-20-3	09/20/11 17:50	09/16/11 16:00
m-Nitroaniline	8270	mg/kg	0.47 U	1	0.47	1.9	99-09-2	09/21/11 15:20	09/16/11 16:00
o-Nitroaniline	8270	mg/kg	0.35 U	1	0.35	1.4	88-74-4	09/21/11 15:20	09/16/11 16:00
p-Nitroaniline	8270	mg/kg	0.47 U	1	0.47	1.9	100-01-6	09/21/11 15:20	09/16/11 16:00
Nitrobenzene	8270	mg/kg	0.35 U	1	0.35	1.4	98-95-3	09/21/11 15:20	09/16/11 16:00
4-Nitrophenol	8270	mg/kg	0.35 U	1	0.35	1.4	100-02-7	09/21/11 15:20	09/16/11 16:00
N-nitrosodimethylamine	8270	mg/kg	0.7 U	1	0.7	2.8	62-75-9	09/21/11 15:20	09/16/11 16:00
N-Nitroso-di-n-propylamine	8270	mg/kg	0.35 U	1	0.35	1.4	621-64-7	09/21/11 15:20	09/16/11 16:00
N-nitroso-diphenylamine	8270	mg/kg	0.23 U	1	0.23	0.93	86-30-6	09/21/11 15:20	09/16/11 16:00
Pentachlorophenol	8270	mg/kg	0.23 U	1	0.23	0.93	87-86-5	09/21/11 15:20	09/16/11 16:00
Phenanthrene	8270	mg/kg	0.0033 U	1	0.0033	0.014	85-01-8	09/20/11 17:50	09/16/11 16:00
Phenol	8270	mg/kg	0.47 U	1	0.47	1.9	108-95-2	09/21/11 15:20	09/16/11 16:00
Pyrene	8270	mg/kg	0.008 U	1	0.008	0.033	129-00-0	09/20/11 17:50	09/16/11 16:00
2,3,4,6-Tetrachlorophenol	8270	mg/kg	0.13 U	1	0.13	1.2	58-90-2	09/21/11 15:20	09/16/11 16:00

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Report of Laboratory Analysis

SunLabs Project Number
110914.09

Environmental Consulting & Technology, Inc.
Project Description
Gulf Power Company

September 21, 2011

SunLabs Sample Number **129010**
Sample Designation **SB-2S**

Matrix Soil
Date Collected 09/12/11 14:45
Date Received 09/14/11 13:45

Parameters	Method	Units	Results	Dil Factor	MDL	RL	CAS Number	Date/Time Analyzed	Date/Time Prep
Semi-volatile Organic Compounds by Method 8270									
1,2,4-Trichlorobenzene	8270	mg/kg	0.35 U	1	0.35	1.4	120-82-1	09/21/11 15:20	09/16/11 16:00
2,4,5-Trichlorophenol	8270	mg/kg	0.23 U	1	0.23	0.93	95-95-4	09/21/11 15:20	09/16/11 16:00
2,4,6-Trichlorophenol	8270	mg/kg	0.35 U	1	0.35	1.4	88-06-2	09/21/11 15:20	09/16/11 16:00
Florida Petroleum Range Organics(C8-C40)									
Date Extracted			09/15/11						09/15/11 11:15
Date Analyzed			09/19/11	1				09/19/11 21:21	
C-39 (40-140)	FLPRO	%	44	1		1.2	DEP-SURR-	09/19/11 21:21	09/15/11 11:15
o-Terphenyl (40-140)	FLPRO	%	75	1		1.2	84-15-1	09/19/11 21:21	09/15/11 11:15
Petroleum Range Organics	FLPRO	mg/kg	5.6 U	1	5.6	22		09/19/11 21:21	09/15/11 11:15
Percent Moisture									
% Moisture	160.3M	%	14			0.12		09/20/11 06:42	
Mercury									
Date Digested	7471		09/15/11						09/15/11 12:20
Date Analyzed	7471		09/16/11	1				09/16/11 16:34	
Mercury	7471	mg/kg	0.029	1	0.007	0.028	7439-97-6	09/16/11 16:34	09/15/11 12:20
PPM Metals by EPA Method 6010									
Date Digested	3050		09/15/11						09/15/11 12:00
Date Analyzed	6010		09/19/11	1				09/19/11 21:20	
Antimony	6010	mg/kg	0.35 U	1	0.35	1.4	7440-36-0	09/19/11 21:20	09/15/11 12:00
Arsenic	6010	mg/kg	1.4	1	0.23	0.93	7440-38-2	09/19/11 21:20	09/15/11 12:00
Beryllium	6010	mg/kg	0.023 U	1	0.023	0.093	7440-41-7	09/19/11 21:20	09/15/11 12:00
Cadmium	6010	mg/kg	0.035 U	1	0.035	0.14	7440-43-9	09/19/11 21:20	09/15/11 12:00
Chromium	6010	mg/kg	7.1	1	0.23	0.93	7440-47-3	09/19/11 21:20	09/15/11 12:00
Copper	6010	mg/kg	3.3	1	0.07	0.28	7440-50-8	09/19/11 21:20	09/15/11 12:00
Lead	6010	mg/kg	3.9	1	0.23	0.93	7439-92-1	09/19/11 21:20	09/15/11 12:00
Nickel	6010	mg/kg	4.6	1	0.12	0.47	7440-02-0	09/19/11 21:20	09/15/11 12:00
Selenium	6010	mg/kg	0.23 U	1	0.23	0.93	7782-49-2	09/19/11 21:20	09/15/11 12:00
Silver	6010	mg/kg	0.23 U	1	0.23	0.93	7440-22-4	09/19/11 21:20	09/15/11 12:00
Thallium	6010	mg/kg	0.12 U	1	0.12	0.47	7440-28-0	09/19/11 21:20	09/15/11 12:00
Zinc	6010	mg/kg	8.1	1	0.17	0.7	7440-66-6	09/19/11 21:20	09/15/11 12:00



Report of Laboratory Analysis

SunLabs
Project Number
110914.09

Environmental Consulting &
Technology, Inc.
Project Description
Gulf Power Company

September 21, 2011

SunLabs Sample Number **129011**
Sample Designation **SB-2D**

Matrix Soil
Date Collected 09/12/11 15:00
Date Received 09/14/11 13:45

Parameters	Method	Units	Results	Dil Factor	MDL	RL	CAS Number	Date/Time Analyzed	Date/Time Prep
Volatile Organic Compounds By EPA Method 8260									
Date Analyzed			09/20/11	1				09/20/11 02:50	
4-Bromofluorobenzene (28-135)	8260	%	101	1			DEP-SURR-	09/20/11 02:50	
Dibromofluoromethane (3-179)	8260	%	102	1			1868-53-7	09/20/11 02:50	
Toluene-d8 (49-134)	8260	%	101	1			DEP-SURR-	09/20/11 02:50	
Acetone	8260	mg/kg	0.013 U	1	0.013	0.051	67-64-1	09/20/11 02:50	
Benzene	8260	mg/kg	0.0004 U	1	0.0004	0.004	71-43-2	09/20/11 02:50	
Bromochloromethane	8260	mg/kg	0.00055 U	1	0.00055	0.004	74-97-5	09/20/11 02:50	
Bromodichloromethane	8260	mg/kg	0.0004 U	1	0.0004	0.004	75-27-4	09/20/11 02:50	
Bromoform	8260	mg/kg	0.00055 U	1	0.00055	0.004	75-25-2	09/20/11 02:50	
Bromomethane	8260	mg/kg	0.0088 U	1	0.0088	0.035	74-83-9	09/20/11 02:50	
2-Butanone	8260	mg/kg	0.01 U	1	0.01	0.041	78-93-3	09/20/11 02:50	
Carbon disulfide	8260	mg/kg	0.00064 U	1	0.00064	0.004	75-15-0	09/20/11 02:50	
Carbon tetrachloride	8260	mg/kg	0.00081 U	1	0.00081	0.004	56-23-5	09/20/11 02:50	
Chlorobenzene	8260	mg/kg	0.00048 U	1	0.00048	0.004	108-90-7	09/20/11 02:50	
Chloroethane	8260	mg/kg	0.00081 U	1	0.00081	0.004	75-00-3	09/20/11 02:50	
Chloroform	8260	mg/kg	0.00048 U	1	0.00048	0.004	67-66-3	09/20/11 02:50	
Chloromethane	8260	mg/kg	0.00081 U	1	0.00081	0.004	74-87-3	09/20/11 02:50	
Dibromochloromethane	8260	mg/kg	0.00081 U	1	0.00081	0.004	124-48-1	09/20/11 02:50	
Dibromomethane	8260	mg/kg	0.00081 U	1	0.00081	0.004	74-95-3	09/20/11 02:50	
1,2-Dichlorobenzene	8260	mg/kg	0.00064 U	1	0.00064	0.004	95-50-1	09/20/11 02:50	
1,3-Dichlorobenzene	8260	mg/kg	0.00074 U	1	0.00074	0.004	541-73-1	09/20/11 02:50	
1,4-Dichlorobenzene	8260	mg/kg	0.00074 U	1	0.00074	0.004	106-46-7	09/20/11 02:50	
Dichlorodifluoromethane	8260	mg/kg	0.00081 U	1	0.00081	0.004	75-71-8	09/20/11 02:50	
1,1-Dichloroethane	8260	mg/kg	0.00074 U	1	0.00074	0.004	75-34-3	09/20/11 02:50	
1,2-Dichloroethane	8260	mg/kg	0.00032 U	1	0.00032	0.004	107-06-2	09/20/11 02:50	
1,1-Dichloroethene	8260	mg/kg	0.00081 U	1	0.00081	0.004	75-35-4	09/20/11 02:50	
cis-1,2-Dichloroethene	8260	mg/kg	0.00048 U	1	0.00048	0.004	156-59-2	09/20/11 02:50	
trans-1,2-Dichloroethene	8260	mg/kg	0.00055 U	1	0.00055	0.004	156-60-5	09/20/11 02:50	
1,2-Dichloropropane	8260	mg/kg	0.00055 U	1	0.00055	0.004	78-87-5	09/20/11 02:50	
1,3-Dichloropropene	8260	mg/kg	0.00081 U	1	0.00081	0.004	542-75-6	09/20/11 02:50	
Ethylbenzene	8260	mg/kg	0.00032 U	1	0.00032	0.004	100-41-4	09/20/11 02:50	
2-Hexanone	8260	mg/kg	0.0081 U	1	0.0081	0.032	591-78-6	09/20/11 02:50	
4-Methyl-2-pentanone	8260	mg/kg	0.0064 U	1	0.0064	0.026	108-10-1	09/20/11 02:50	
Methylene chloride	8260	mg/kg	0.0016 U	1	0.0016	0.0064	75-09-2	09/20/11 02:50	
MTBE	8260	mg/kg	0.00055 U	1	0.00055	0.004	1634-04-4	09/20/11 02:50	
Isopropylbenzene	8260	mg/kg	0.00032 U	1	0.00032	0.004	98-82-8	09/20/11 02:50	
Styrene	8260	mg/kg	0.00055 U	1	0.00055	0.004	100-42-5	09/20/11 02:50	
1,1,2,2-Tetrachloroethane	8260	mg/kg	0.00064 U	1	0.00064	0.004	79-34-5	09/20/11 02:50	
Tetrachloroethene	8260	mg/kg	0.0004 U	1	0.0004	0.004	127-18-4	09/20/11 02:50	
Toluene	8260	mg/kg	0.0024 U	1	0.0024	0.0095	108-88-3	09/20/11 02:50	
Total Xylenes	8260	mg/kg	0.0024 U	1	0.0024	0.0095	1330-20-7	09/20/11 02:50	
1,1,1-Trichloroethane	8260	mg/kg	0.00064 U	1	0.00064	0.004	71-55-6	09/20/11 02:50	

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Report of Laboratory Analysis

SunLabs
Project Number
110914.09

Environmental Consulting &
Technology, Inc.
Project Description
Gulf Power Company

September 21, 2011

SunLabs Sample Number **129011**
Sample Designation **SB-2D**

Matrix Soil
Date Collected 09/12/11 15:00
Date Received 09/14/11 13:45

Parameters	Method	Units	Results	Dil Factor	MDL	RL	CAS Number	Date/Time Analyzed	Date/Time Prep
Volatile Organic Compounds By EPA Method 8260									
1,1,2-Trichloroethane	8260	mg/kg	0.00064 U	1	0.00064	0.004	79-00-5	09/20/11 02:50	
Trichloroethene	8260	mg/kg	0.00064 U	1	0.00064	0.004	79-01-6	09/20/11 02:50	
Trichlorofluoromethane	8260	mg/kg	0.00064 U	1	0.00064	0.004	75-69-4	09/20/11 02:50	
1,2,4-Trimethylbenzene	8260	mg/kg	0.00081 U	1	0.00081	0.004	95-63-6	09/20/11 02:50	
1,3,5-Trimethylbenzene	8260	mg/kg	0.00055 U	1	0.00055	0.004	108-67-8	09/20/11 02:50	
Vinyl chloride	8260	mg/kg	0.00064 U	1	0.00064	0.004	75-01-4	09/20/11 02:50	
Semi-volatile Organic Compounds by Method 8270									
Date Extracted	3545a		09/16/11						09/16/11 16:00
Date Analyzed	8270		09/21/11	1				09/21/11 15:45	
2-Fluorobiphenyl (14-119)	8270	%	26	1			321-60-8	09/21/11 15:45	09/16/11 16:00
2-Fluorophenol (19-91)	8270	%	23	1			367-12-4	09/21/11 15:45	09/16/11 16:00
Nitrobenzene-d5 (D-196)	8270	%	27	1			DEP-SURR-	09/21/11 15:45	09/16/11 16:00
Phenol-d6 (26-111)	8270	%	25	1			DEP-SURR-	09/21/11 15:45	09/16/11 16:00
Terphenyl-d14 (D-141)	8270	%	38	1			DEP-SURR-	09/21/11 15:45	09/16/11 16:00
2,4,6-Tribromophenol (25-100)	8270	%	30	1			118-79-6	09/21/11 15:45	09/16/11 16:00
Acenaphthene	8270	mg/kg	0.0025 U	1	0.0025	0.0099	83-32-9	09/20/11 18:08	09/16/11 16:00
Acenaphthylene	8270	mg/kg	0.0026 U	1	0.0026	0.01	208-96-8	09/20/11 18:08	09/16/11 16:00
Aniline	8270	mg/kg	0.27 U	1	0.27	1.1	62-53-3	09/21/11 15:45	09/16/11 16:00
Anthracene	8270	mg/kg	0.002 U	1	0.002	0.008	120-12-7	09/20/11 18:08	09/16/11 16:00
Benzidine	8270	mg/kg	1.6 U	1	1.6	6.6	92-87-5	09/21/11 15:45	09/16/11 16:00
Benzo(a)anthracene	8270	mg/kg	0.0018 U	1	0.0018	0.0071	56-55-3	09/20/11 18:08	09/16/11 16:00
Benzo(a)Pyrene	8270	mg/kg	0.0024 U	1	0.0024	0.0094	50-32-8	09/20/11 18:08	09/16/11 16:00
Benzo(b)Fluoranthene	8270	mg/kg	0.0032 U	1	0.0032	0.013	205-99-2	09/20/11 18:08	09/16/11 16:00
Benzo(g,h,i)perylene	8270	mg/kg	0.0081 U	1	0.0081	0.033	191-24-2	09/20/11 18:08	09/16/11 16:00
Benzo(k)Fluoranthene	8270	mg/kg	0.0022 U	1	0.0022	0.0089	207-08-9	09/20/11 18:08	09/16/11 16:00
Benzoic Acid	8270	mg/kg	1.2 U	1	1.2	4.7	65-85-0	09/21/11 15:45	09/16/11 16:00
Benzyl Alcohol	8270	mg/kg	0.59 U	1	0.59	2.4	100-51-6	09/21/11 15:45	09/16/11 16:00
Bis(2-Chloroethoxy)methane	8270	mg/kg	0.24 U	1	0.24	0.94	111-91-1	09/21/11 15:45	09/16/11 16:00
Bis(2-chloroethyl)ether	8270	mg/kg	0.35 U	1	0.35	1.4	111-44-4	09/21/11 15:45	09/16/11 16:00
Bis(2-Chloroisopropyl)ether	8270	mg/kg	0.35 U	1	0.35	1.4	39638-32-9	09/21/11 15:45	09/16/11 16:00
Bis(2-Ethylhexyl)Phthalate	8270	mg/kg	0.59 U	1	0.59	2.4	117-81-7	09/21/11 15:45	09/16/11 16:00
Butyl Benzyl Phthalate	8270	mg/kg	0.24 U	1	0.24	0.94	85-68-7	09/21/11 15:45	09/16/11 16:00
Carbazole	8270	mg/kg	0.068 U	1	0.068	0.27	86-74-8	09/21/11 15:45	09/16/11 16:00
4-chloro-3-methylphenol	8270	mg/kg	0.47 U	1	0.47	1.9	59-50-7	09/21/11 15:45	09/16/11 16:00
4-Chloroaniline	8270	mg/kg	1.2 U	1	1.2	4.7	106-47-8	09/21/11 15:45	09/16/11 16:00
2-Chloronaphthalene	8270	mg/kg	0.24 U	1	0.24	0.94	91-58-7	09/21/11 15:45	09/16/11 16:00
2-Chlorophenol	8270	mg/kg	0.47 U	1	0.47	1.9	95-57-8	09/21/11 15:45	09/16/11 16:00
Chrysene	8270	mg/kg	0.0014 U	1	0.0014	0.0056	218-01-9	09/20/11 18:08	09/16/11 16:00
Dibenzo(a,h)Anthracene	8270	mg/kg	0.0086 U	1	0.0086	0.034	53-70-3	09/20/11 18:08	09/16/11 16:00
Dibenzofuran	8270	mg/kg	0.35 U	1	0.35	1.4	132-64-9	09/21/11 15:45	09/16/11 16:00
1,2-Dichlorobenzene	8270	mg/kg	0.47 U	1	0.47	1.9	95-50-1	09/21/11 15:45	09/16/11 16:00

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Report of Laboratory Analysis

SunLabs Project Number
110914.09

Environmental Consulting & Technology, Inc.
Project Description
Gulf Power Company

September 21, 2011

SunLabs Sample Number **129011**
 Sample Designation **SB-2D**

Matrix Soil
 Date Collected 09/12/11 15:00
 Date Received 09/14/11 13:45

Parameters	Method	Units	Results	Dil Factor	MDL	RL	CAS Number	Date/Time Analyzed	Date/Time Prep
Semi-volatile Organic Compounds by Method 8270									
1,3-Dichlorobenzene	8270	mg/kg	0.47 U	1	0.47	1.9	541-73-1	09/21/11 15:45	09/16/11 16:00
1,4-Dichlorobenzene	8270	mg/kg	0.47 U	1	0.47	1.9	106-46-7	09/21/11 15:45	09/16/11 16:00
3,3-Dichlorobenzidine	8270	mg/kg	0.44 U	1	0.44	1.8	91-94-1	09/21/11 15:45	09/16/11 16:00
2,4-Dichlorophenol	8270	mg/kg	0.24 U	1	0.24	0.94	120-83-2	09/21/11 15:45	09/16/11 16:00
1,2-dinitrobenzene	8270	mg/kg	0.48 U	1	0.48	1.9	528-29-0	09/21/11 15:45	09/16/11 16:00
1,3-dinitrobenzene	8270	mg/kg	0.79 U	1	0.79	3.2	99-65-0	09/21/11 15:45	09/16/11 16:00
Diethyl phthalate	8270	mg/kg	0.35 U	1	0.35	1.4	84-66-2	09/21/11 15:45	09/16/11 16:00
Dimethyl phthalate	8270	mg/kg	0.24 U	1	0.24	0.94	131-11-3	09/21/11 15:45	09/16/11 16:00
2,4-Dimethylphenol	8270	mg/kg	0.47 U	1	0.47	1.9	105-67-9	09/21/11 15:45	09/16/11 16:00
Di-n-butylphthalate	8270	mg/kg	0.35 U	1	0.35	1.4	84-74-2	09/21/11 15:45	09/16/11 16:00
2,4-Dinitrophenol	8270	mg/kg	0.47 U	1	0.47	1.9	51-28-5	09/21/11 15:45	09/16/11 16:00
2,4-Dinitrotoluene	8270	mg/kg	0.24 U	1	0.24	0.94	121-14-2	09/21/11 15:45	09/16/11 16:00
2,6-Dinitrotoluene	8270	mg/kg	0.35 U	1	0.35	1.4	606-20-2	09/21/11 15:45	09/16/11 16:00
Di-n-Octylphthalate	8270	mg/kg	0.24 U	1	0.24	0.94	117-84-0	09/21/11 15:45	09/16/11 16:00
1,2-diphenylhydrazine as Azobenzene	8270	mg/kg	0.098 U	1	0.098	0.39	110-33-3	09/21/11 15:45	09/16/11 16:00
Fluoranthene	8270	mg/kg	0.0027 U	1	0.0027	0.011	206-44-0	09/20/11 18:08	09/16/11 16:00
Fluorene	8270	mg/kg	0.0021 U	1	0.0021	0.0085	86-73-7	09/20/11 18:08	09/16/11 16:00
Hexachlorobenzene	8270	mg/kg	0.24 U	1	0.24	0.94	118-74-1	09/21/11 15:45	09/16/11 16:00
Hexachlorobutadiene	8270	mg/kg	0.35 U	1	0.35	1.4	87-68-3	09/21/11 15:45	09/16/11 16:00
Hexachlorocyclopentadiene	8270	mg/kg	0.24 U	1	0.24	0.94	77-47-4	09/21/11 15:45	09/16/11 16:00
Hexachloroethane	8270	mg/kg	0.47 U	1	0.47	1.9	67-72-1	09/21/11 15:45	09/16/11 16:00
Indeno(1,2,3-cd)pyrene	8270	mg/kg	0.0085 U	1	0.0085	0.034	193-39-5	09/20/11 18:08	09/16/11 16:00
Isophorone	8270	mg/kg	0.24 U	1	0.24	0.94	78-59-1	09/21/11 15:45	09/16/11 16:00
1-Methylnaphthalene	8270	mg/kg	0.0039 U	1	0.0039	0.015	90-12-0	09/20/11 18:08	09/16/11 16:00
2-Methylnaphthalene	8270	mg/kg	0.0033 U	1	0.0033	0.014	91-57-6	09/20/11 18:08	09/16/11 16:00
2-methylphenol	8270	mg/kg	0.24 U	1	0.24	0.94	95-48-7	09/21/11 15:45	09/16/11 16:00
3-methylphenol	8270	mg/kg	0.031 U	1	0.031	0.39	108-39-4	09/21/11 15:45	09/16/11 16:00
4-methylphenol	8270	mg/kg	0.031 U	1	0.031	0.39	8001-28-3	09/21/11 15:45	09/16/11 16:00
Naphthalene	8270	mg/kg	0.0065 U	1	0.0065	0.026	91-20-3	09/20/11 18:08	09/16/11 16:00
m-Nitroaniline	8270	mg/kg	0.47 U	1	0.47	1.9	99-09-2	09/21/11 15:45	09/16/11 16:00
o-Nitroaniline	8270	mg/kg	0.35 U	1	0.35	1.4	88-74-4	09/21/11 15:45	09/16/11 16:00
p-Nitroaniline	8270	mg/kg	0.47 U	1	0.47	1.9	100-01-6	09/21/11 15:45	09/16/11 16:00
Nitrobenzene	8270	mg/kg	0.35 U	1	0.35	1.4	98-95-3	09/21/11 15:45	09/16/11 16:00
4-Nitrophenol	8270	mg/kg	0.35 U	1	0.35	1.4	100-02-7	09/21/11 15:45	09/16/11 16:00
N-nitrosodimethylamine	8270	mg/kg	0.71 U	1	0.71	2.8	62-75-9	09/21/11 15:45	09/16/11 16:00
N-Nitroso-di-n-propylamine	8270	mg/kg	0.35 U	1	0.35	1.4	621-64-7	09/21/11 15:45	09/16/11 16:00
N-nitroso-diphenylamine	8270	mg/kg	0.24 U	1	0.24	0.94	86-30-6	09/21/11 15:45	09/16/11 16:00
Pentachlorophenol	8270	mg/kg	0.24 U	1	0.24	0.94	87-86-5	09/21/11 15:45	09/16/11 16:00
Phenanthrene	8270	mg/kg	0.0033 U	1	0.0033	0.014	85-01-8	09/20/11 18:08	09/16/11 16:00
Phenol	8270	mg/kg	0.47 U	1	0.47	1.9	108-95-2	09/21/11 15:45	09/16/11 16:00
Pyrene	8270	mg/kg	0.0081 U	1	0.0081	0.033	129-00-0	09/20/11 18:08	09/16/11 16:00
2,3,4,6-Tetrachlorophenol	8270	mg/kg	0.13 U	1	0.13	1.2	58-90-2	09/21/11 15:45	09/16/11 16:00

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Report of Laboratory Analysis

SunLabs Project Number
110914.09

Environmental Consulting & Technology, Inc.
Project Description
Gulf Power Company

September 21, 2011

SunLabs Sample Number **129011**
Sample Designation **SB-2D**

Matrix Soil
Date Collected 09/12/11 15:00
Date Received 09/14/11 13:45

Parameters	Method	Units	Results	Dil Factor	MDL	RL	CAS Number	Date/Time Analyzed	Date/Time Prep
Semi-volatile Organic Compounds by Method 8270									
1,2,4-Trichlorobenzene	8270	mg/kg	0.35 U	1	0.35	1.4	120-82-1	09/21/11 15:45	09/16/11 16:00
2,4,5-Trichlorophenol	8270	mg/kg	0.24 U	1	0.24	0.94	95-95-4	09/21/11 15:45	09/16/11 16:00
2,4,6-Trichlorophenol	8270	mg/kg	0.35 U	1	0.35	1.4	88-06-2	09/21/11 15:45	09/16/11 16:00
Florida Petroleum Range Organics(C8-C40)									
Date Extracted			09/15/11						09/15/11 11:15
Date Analyzed			09/19/11	1				09/19/11 21:39	
C-39 (40-140)	FLPRO	%	44	1		1.2	DEP-SURR-	09/19/11 21:39	09/15/11 11:15
o-Terphenyl (40-140)	FLPRO	%	72	1		1.2	84-15-1	09/19/11 21:39	09/15/11 11:15
Petroleum Range Organics	FLPRO	mg/kg	5.6 U	1	5.6	22		09/19/11 21:39	09/15/11 11:15
Percent Moisture									
% Moisture	160.3M	%	15			0.12		09/20/11 06:42	
Mercury									
Date Digested	7471		09/15/11						09/15/11 12:20
Date Analyzed	7471		09/16/11	1				09/16/11 16:36	
Mercury	7471	mg/kg	0.024 I	1	0.0071	0.028	7439-97-6	09/16/11 16:36	09/15/11 12:20
PPM Metals by EPA Method 6010									
Date Digested	3050		09/15/11						09/15/11 12:00
Date Analyzed	6010		09/19/11	1				09/19/11 21:26	
Antimony	6010	mg/kg	0.35 U	1	0.35	1.4	7440-36-0	09/19/11 21:26	09/15/11 12:00
Arsenic	6010	mg/kg	1.7	1	0.24	0.94	7440-38-2	09/19/11 21:26	09/15/11 12:00
Beryllium	6010	mg/kg	0.024 U	1	0.024	0.094	7440-41-7	09/19/11 21:26	09/15/11 12:00
Cadmium	6010	mg/kg	0.035 U	1	0.035	0.14	7440-43-9	09/19/11 21:26	09/15/11 12:00
Chromium	6010	mg/kg	7.9	1	0.24	0.94	7440-47-3	09/19/11 21:26	09/15/11 12:00
Copper	6010	mg/kg	3.7	1	0.071	0.28	7440-50-8	09/19/11 21:26	09/15/11 12:00
Lead	6010	mg/kg	3.0	1	0.24	0.94	7439-92-1	09/19/11 21:26	09/15/11 12:00
Nickel	6010	mg/kg	4.6	1	0.12	0.47	7440-02-0	09/19/11 21:26	09/15/11 12:00
Selenium	6010	mg/kg	0.24 U	1	0.24	0.94	7782-49-2	09/19/11 21:26	09/15/11 12:00
Silver	6010	mg/kg	0.24 U	1	0.24	0.94	7440-22-4	09/19/11 21:26	09/15/11 12:00
Thallium	6010	mg/kg	0.12 U	1	0.12	0.47	7440-28-0	09/19/11 21:26	09/15/11 12:00
Zinc	6010	mg/kg	8.5	1	0.18	0.71	7440-66-6	09/19/11 21:26	09/15/11 12:00



Report of Laboratory Analysis

SunLabs
Project Number
110914.09

Environmental Consulting &
Technology, Inc.
Project Description
Gulf Power Company

September 21, 2011

SunLabs Sample Number **129012**
Sample Designation **SB-3S**

Matrix Soil
Date Collected 09/12/11 15:15
Date Received 09/14/11 13:45

Parameters	Method	Units	Results	Dil Factor	MDL	RL	CAS Number	Date/Time Analyzed	Date/Time Prep
Volatile Organic Compounds By EPA Method 8260									
Date Analyzed			09/20/11	1				09/20/11 03:15	
4-Bromofluorobenzene (28-135)	8260	%	93	1			DEP-SURR-	09/20/11 03:15	
Dibromofluoromethane (3-179)	8260	%	98	1			1868-53-7	09/20/11 03:15	
Toluene-d8 (49-134)	8260	%	99	1			DEP-SURR-	09/20/11 03:15	
Acetone	8260	mg/kg	0.033 I	1	0.015	0.062	67-64-1	09/20/11 03:15	
Benzene	8260	mg/kg	0.00048 U	1	0.00048	0.0048	71-43-2	09/20/11 03:15	
Bromochloromethane	8260	mg/kg	0.00068 U	1	0.00068	0.0048	74-97-5	09/20/11 03:15	
Bromodichloromethane	8260	mg/kg	0.00048 U	1	0.00048	0.0048	75-27-4	09/20/11 03:15	
Bromoform	8260	mg/kg	0.00068 U	1	0.00068	0.0048	75-25-2	09/20/11 03:15	
Bromomethane	8260	mg/kg	0.011 U	1	0.011	0.043	74-83-9	09/20/11 03:15	
2-Butanone	8260	mg/kg	0.012 U	1	0.012	0.051	78-93-3	09/20/11 03:15	
Carbon disulfide	8260	mg/kg	0.00077 U	1	0.00077	0.0048	75-15-0	09/20/11 03:15	
Carbon tetrachloride	8260	mg/kg	0.001 U	1	0.001	0.0048	56-23-5	09/20/11 03:15	
Chlorobenzene	8260	mg/kg	0.00058 U	1	0.00058	0.0048	108-90-7	09/20/11 03:15	
Chloroethane	8260	mg/kg	0.001 U	1	0.001	0.0048	75-00-3	09/20/11 03:15	
Chloroform	8260	mg/kg	0.00058 U	1	0.00058	0.0048	67-66-3	09/20/11 03:15	
Chloromethane	8260	mg/kg	0.001 U	1	0.001	0.0048	74-87-3	09/20/11 03:15	
Dibromochloromethane	8260	mg/kg	0.001 U	1	0.001	0.0048	124-48-1	09/20/11 03:15	
Dibromomethane	8260	mg/kg	0.001 U	1	0.001	0.0048	74-95-3	09/20/11 03:15	
1,2-Dichlorobenzene	8260	mg/kg	0.00077 U	1	0.00077	0.0048	95-50-1	09/20/11 03:15	
1,3-Dichlorobenzene	8260	mg/kg	0.00085 U	1	0.00085	0.0048	541-73-1	09/20/11 03:15	
1,4-Dichlorobenzene	8260	mg/kg	0.00085 U	1	0.00085	0.0048	106-46-7	09/20/11 03:15	
Dichlorodifluoromethane	8260	mg/kg	0.001 U	1	0.001	0.0048	75-71-8	09/20/11 03:15	
1,1-Dichloroethane	8260	mg/kg	0.00085 U	1	0.00085	0.0048	75-34-3	09/20/11 03:15	
1,2-Dichloroethane	8260	mg/kg	0.00039 U	1	0.00039	0.0048	107-06-2	09/20/11 03:15	
1,1-Dichloroethene	8260	mg/kg	0.001 U	1	0.001	0.0048	75-35-4	09/20/11 03:15	
cis-1,2-Dichloroethene	8260	mg/kg	0.00058 U	1	0.00058	0.0048	156-59-2	09/20/11 03:15	
trans-1,2-Dichloroethene	8260	mg/kg	0.00068 U	1	0.00068	0.0048	156-60-5	09/20/11 03:15	
1,2-Dichloropropane	8260	mg/kg	0.00068 U	1	0.00068	0.0048	78-87-5	09/20/11 03:15	
1,3-Dichloropropene	8260	mg/kg	0.001 U	1	0.001	0.0048	542-75-6	09/20/11 03:15	
Ethylbenzene	8260	mg/kg	0.00039 U	1	0.00039	0.0048	100-41-4	09/20/11 03:15	
2-Hexanone	8260	mg/kg	0.01 U	1	0.01	0.039	591-78-6	09/20/11 03:15	
4-Methyl-2-pentanone	8260	mg/kg	0.0077 U	1	0.0077	0.032	108-10-1	09/20/11 03:15	
Methylene chloride	8260	mg/kg	0.0019 U	1	0.0019	0.0077	75-09-2	09/20/11 03:15	
MTBE	8260	mg/kg	0.00068 U	1	0.00068	0.0048	1634-04-4	09/20/11 03:15	
Isopropylbenzene	8260	mg/kg	0.00039 U	1	0.00039	0.0048	98-82-8	09/20/11 03:15	
Styrene	8260	mg/kg	0.00068 U	1	0.00068	0.0048	100-42-5	09/20/11 03:15	
1,1,2,2-Tetrachloroethane	8260	mg/kg	0.00077 U	1	0.00077	0.0048	79-34-5	09/20/11 03:15	
Tetrachloroethene	8260	mg/kg	0.00048 U	1	0.00048	0.0048	127-18-4	09/20/11 03:15	
Toluene	8260	mg/kg	0.0029 U	1	0.0029	0.012	108-88-3	09/20/11 03:15	
Total Xylenes	8260	mg/kg	0.0029 U	1	0.0029	0.012	1330-20-7	09/20/11 03:15	
1,1,1-Trichloroethane	8260	mg/kg	0.00077 U	1	0.00077	0.0048	71-55-6	09/20/11 03:15	

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Report of Laboratory Analysis

SunLabs
Project Number
110914.09

Environmental Consulting &
Technology, Inc.
Project Description
Gulf Power Company

September 21, 2011

SunLabs Sample Number **129012**
Sample Designation **SB-3S**

Matrix Soil
Date Collected 09/12/11 15:15
Date Received 09/14/11 13:45

Parameters	Method	Units	Results	Dil Factor	MDL	RL	CAS Number	Date/Time Analyzed	Date/Time Prep
Volatile Organic Compounds By EPA Method 8260									
1,1,2-Trichloroethane	8260	mg/kg	0.00077 U	1	0.00077	0.0048	79-00-5	09/20/11 03:15	
Trichloroethene	8260	mg/kg	0.00077 U	1	0.00077	0.0048	79-01-6	09/20/11 03:15	
Trichlorofluoromethane	8260	mg/kg	0.00077 U	1	0.00077	0.0048	75-69-4	09/20/11 03:15	
1,2,4-Trimethylbenzene	8260	mg/kg	0.001 U	1	0.001	0.0048	95-63-6	09/20/11 03:15	
1,3,5-Trimethylbenzene	8260	mg/kg	0.00068 U	1	0.00068	0.0048	108-67-8	09/20/11 03:15	
Vinyl chloride	8260	mg/kg	0.00077 U	1	0.00077	0.0048	75-01-4	09/20/11 03:15	
Semi-volatile Organic Compounds by Method 8270									
Date Extracted	3545a		09/16/11						09/16/11 16:00
Date Analyzed	8270		09/21/11	1				09/21/11 16:10	
2-Fluorobiphenyl (14-119)	8270	%	60	1			321-60-8	09/21/11 16:10	09/16/11 16:00
2-Fluorophenol (19-91)	8270	%	54	1			367-12-4	09/21/11 16:10	09/16/11 16:00
Nitrobenzene-d5 (D-196)	8270	%	59	1			DEP-SURR-	09/21/11 16:10	09/16/11 16:00
Phenol-d6 (26-111)	8270	%	59	1			DEP-SURR-	09/21/11 16:10	09/16/11 16:00
Terphenyl-d14 (D-141)	8270	%	67	1			DEP-SURR-	09/21/11 16:10	09/16/11 16:00
2,4,6-Tribromophenol (25-100)	8270	%	68	1			118-79-6	09/21/11 16:10	09/16/11 16:00
Acenaphthene	8270	mg/kg	0.0027 U	1	0.0027	0.011	83-32-9	09/20/11 18:26	09/16/11 16:00
Acenaphthylene	8270	mg/kg	0.0028 U	1	0.0028	0.011	208-96-8	09/20/11 18:26	09/16/11 16:00
Aniline	8270	mg/kg	0.29 U	1	0.29	1.2	62-53-3	09/21/11 16:10	09/16/11 16:00
Anthracene	8270	mg/kg	0.0022 U	1	0.0022	0.0086	120-12-7	09/20/11 18:26	09/16/11 16:00
Benzidine	8270	mg/kg	1.8 U	1	1.8	7.1	92-87-5	09/21/11 16:10	09/16/11 16:00
Benzo(a)anthracene	8270	mg/kg	0.0019 U	1	0.0019	0.0076	56-55-3	09/20/11 18:26	09/16/11 16:00
Benzo(a)Pyrene	8270	mg/kg	0.0025 U	1	0.0025	0.01	50-32-8	09/20/11 18:26	09/16/11 16:00
Benzo(b)Fluoranthene	8270	mg/kg	0.0034 U	1	0.0034	0.014	205-99-2	09/20/11 18:26	09/16/11 16:00
Benzo(g,h,i)perylene	8270	mg/kg	0.0087 U	1	0.0087	0.035	191-24-2	09/20/11 18:26	09/16/11 16:00
Benzo(k)Fluoranthene	8270	mg/kg	0.0024 U	1	0.0024	0.0096	207-08-9	09/20/11 18:26	09/16/11 16:00
Benzoic Acid	8270	mg/kg	1.3 U	1	1.3	5.1	65-85-0	09/21/11 16:10	09/16/11 16:00
Benzyl Alcohol	8270	mg/kg	0.63 U	1	0.63	2.5	100-51-6	09/21/11 16:10	09/16/11 16:00
Bis(2-Chloroethoxy)methane	8270	mg/kg	0.25 U	1	0.25	1	111-91-1	09/21/11 16:10	09/16/11 16:00
Bis(2-chloroethyl)ether	8270	mg/kg	0.38 U	1	0.38	1.5	111-44-4	09/21/11 16:10	09/16/11 16:00
Bis(2-Chloroisopropyl)ether	8270	mg/kg	0.38 U	1	0.38	1.5	39638-32-9	09/21/11 16:10	09/16/11 16:00
Bis(2-Ethylhexyl)Phthalate	8270	mg/kg	0.63 U	1	0.63	2.5	117-81-7	09/21/11 16:10	09/16/11 16:00
Butyl Benzyl Phthalate	8270	mg/kg	0.25 U	1	0.25	1	85-68-7	09/21/11 16:10	09/16/11 16:00
Carbazole	8270	mg/kg	0.073 U	1	0.073	0.29	86-74-8	09/21/11 16:10	09/16/11 16:00
4-chloro-3-methylphenol	8270	mg/kg	0.51 U	1	0.51	2	59-50-7	09/21/11 16:10	09/16/11 16:00
4-Chloroaniline	8270	mg/kg	1.3 U	1	1.3	5.1	106-47-8	09/21/11 16:10	09/16/11 16:00
2-Chloronaphthalene	8270	mg/kg	0.25 U	1	0.25	1	91-58-7	09/21/11 16:10	09/16/11 16:00
2-Chlorophenol	8270	mg/kg	0.51 U	1	0.51	2	95-57-8	09/21/11 16:10	09/16/11 16:00
Chrysene	8270	mg/kg	0.0015 U	1	0.0015	0.0061	218-01-9	09/20/11 18:26	09/16/11 16:00
Dibenzo(a,h)Anthracene	8270	mg/kg	0.0092 U	1	0.0092	0.037	53-70-3	09/20/11 18:26	09/16/11 16:00
Dibenzofuran	8270	mg/kg	0.38 U	1	0.38	1.5	132-64-9	09/21/11 16:10	09/16/11 16:00
1,2-Dichlorobenzene	8270	mg/kg	0.51 U	1	0.51	2	95-50-1	09/21/11 16:10	09/16/11 16:00

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Report of Laboratory Analysis

SunLabs
Project Number
110914.09

Environmental Consulting &
Technology, Inc.
Project Description
Gulf Power Company

September 21, 2011

SunLabs Sample Number **129012**
Sample Designation **SB-3S**

Matrix Soil
Date Collected 09/12/11 15:15
Date Received 09/14/11 13:45

Parameters	Method	Units	Results	Dil Factor	MDL	RL	CAS Number	Date/Time Analyzed	Date/Time Prep
Semi-volatile Organic Compounds by Method 8270									
1,3-Dichlorobenzene	8270	mg/kg	0.51 U	1	0.51	2	541-73-1	09/21/11 16:10	09/16/11 16:00
1,4-Dichlorobenzene	8270	mg/kg	0.51 U	1	0.51	2	106-46-7	09/21/11 16:10	09/16/11 16:00
3,3-Dichlorobenzidine	8270	mg/kg	0.47 U	1	0.47	1.9	91-94-1	09/21/11 16:10	09/16/11 16:00
2,4-Dichlorophenol	8270	mg/kg	0.25 U	1	0.25	1	120-83-2	09/21/11 16:10	09/16/11 16:00
1,2-dinitrobenzene	8270	mg/kg	0.52 U	1	0.52	2	528-29-0	09/21/11 16:10	09/16/11 16:00
1,3-dinitrobenzene	8270	mg/kg	0.85 U	1	0.85	3.4	99-65-0	09/21/11 16:10	09/16/11 16:00
Diethyl phthalate	8270	mg/kg	0.38 U	1	0.38	1.5	84-66-2	09/21/11 16:10	09/16/11 16:00
Dimethyl phthalate	8270	mg/kg	0.25 U	1	0.25	1	131-11-3	09/21/11 16:10	09/16/11 16:00
2,4-Dimethylphenol	8270	mg/kg	0.51 U	1	0.51	2	105-67-9	09/21/11 16:10	09/16/11 16:00
Di-n-butylphthalate	8270	mg/kg	0.38 U	1	0.38	1.5	84-74-2	09/21/11 16:10	09/16/11 16:00
2,4-Dinitrophenol	8270	mg/kg	0.51 U	1	0.51	2	51-28-5	09/21/11 16:10	09/16/11 16:00
2,4-Dinitrotoluene	8270	mg/kg	0.25 U	1	0.25	1	121-14-2	09/21/11 16:10	09/16/11 16:00
2,6-Dinitrotoluene	8270	mg/kg	0.38 U	1	0.38	1.5	606-20-2	09/21/11 16:10	09/16/11 16:00
Di-n-Octylphthalate	8270	mg/kg	0.25 U	1	0.25	1	117-84-0	09/21/11 16:10	09/16/11 16:00
1,2-diphenylhydrazine as Azobenzene	8270	mg/kg	0.11 U	1	0.11	0.42	110-33-3	09/21/11 16:10	09/16/11 16:00
Fluoranthene	8270	mg/kg	0.0029 U	1	0.0029	0.012	206-44-0	09/20/11 18:26	09/16/11 16:00
Fluorene	8270	mg/kg	0.0023 U	1	0.0023	0.0091	86-73-7	09/20/11 18:26	09/16/11 16:00
Hexachlorobenzene	8270	mg/kg	0.25 U	1	0.25	1	118-74-1	09/21/11 16:10	09/16/11 16:00
Hexachlorobutadiene	8270	mg/kg	0.38 U	1	0.38	1.5	87-68-3	09/21/11 16:10	09/16/11 16:00
Hexachlorocyclopentadiene	8270	mg/kg	0.25 U	1	0.25	1	77-47-4	09/21/11 16:10	09/16/11 16:00
Hexachloroethane	8270	mg/kg	0.51 U	1	0.51	2	67-72-1	09/21/11 16:10	09/16/11 16:00
Indeno(1,2,3-cd)pyrene	8270	mg/kg	0.0091 U	1	0.0091	0.037	193-39-5	09/20/11 18:26	09/16/11 16:00
Isophorone	8270	mg/kg	0.25 U	1	0.25	1	78-59-1	09/21/11 16:10	09/16/11 16:00
1-Methylnaphthalene	8270	mg/kg	0.012 I	1	0.0042	0.016	90-12-0	09/20/11 18:26	09/16/11 16:00
2-Methylnaphthalene	8270	mg/kg	0.020	1	0.0035	0.015	91-57-6	09/20/11 18:26	09/16/11 16:00
2-methylphenol	8270	mg/kg	0.25 U	1	0.25	1	95-48-7	09/21/11 16:10	09/16/11 16:00
3-methylphenol	8270	mg/kg	0.033 U	1	0.033	0.42	108-39-4	09/21/11 16:10	09/16/11 16:00
4-methylphenol	8270	mg/kg	0.033 U	1	0.033	0.42	8001-28-3	09/21/11 16:10	09/16/11 16:00
Naphthalene	8270	mg/kg	0.019 I	1	0.007	0.028	91-20-3	09/20/11 18:26	09/16/11 16:00
m-Nitroaniline	8270	mg/kg	0.51 U	1	0.51	2	99-09-2	09/21/11 16:10	09/16/11 16:00
o-Nitroaniline	8270	mg/kg	0.38 U	1	0.38	1.5	88-74-4	09/21/11 16:10	09/16/11 16:00
p-Nitroaniline	8270	mg/kg	0.51 U	1	0.51	2	100-01-6	09/21/11 16:10	09/16/11 16:00
Nitrobenzene	8270	mg/kg	0.38 U	1	0.38	1.5	98-95-3	09/21/11 16:10	09/16/11 16:00
4-Nitrophenol	8270	mg/kg	0.38 U	1	0.38	1.5	100-02-7	09/21/11 16:10	09/16/11 16:00
N-nitrosodimethylamine	8270	mg/kg	0.76 U	1	0.76	3	62-75-9	09/21/11 16:10	09/16/11 16:00
N-Nitroso-di-n-propylamine	8270	mg/kg	0.38 U	1	0.38	1.5	621-64-7	09/21/11 16:10	09/16/11 16:00
N-nitroso-diphenylamine	8270	mg/kg	0.25 U	1	0.25	1	86-30-6	09/21/11 16:10	09/16/11 16:00
Pentachlorophenol	8270	mg/kg	0.25 U	1	0.25	1	87-86-5	09/21/11 16:10	09/16/11 16:00
Phenanthrene	8270	mg/kg	0.0035 U	1	0.0035	0.015	85-01-8	09/20/11 18:26	09/16/11 16:00
Phenol	8270	mg/kg	0.51 U	1	0.51	2	108-95-2	09/21/11 16:10	09/16/11 16:00
Pyrene	8270	mg/kg	0.0087 U	1	0.0087	0.035	129-00-0	09/20/11 18:26	09/16/11 16:00
2,3,4,6-Tetrachlorophenol	8270	mg/kg	0.14 U	1	0.14	1.3	58-90-2	09/21/11 16:10	09/16/11 16:00

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Report of Laboratory Analysis

SunLabs Project Number
110914.09

Environmental Consulting & Technology, Inc.
Project Description
Gulf Power Company

September 21, 2011

SunLabs Sample Number **129012**
Sample Designation **SB-3S**

Matrix Soil
Date Collected 09/12/11 15:15
Date Received 09/14/11 13:45

Parameters	Method	Units	Results	Dil Factor	MDL	RL	CAS Number	Date/Time Analyzed	Date/Time Prep
Semi-volatile Organic Compounds by Method 8270									
1,2,4-Trichlorobenzene	8270	mg/kg	0.38 U	1	0.38	1.5	120-82-1	09/21/11 16:10	09/16/11 16:00
2,4,5-Trichlorophenol	8270	mg/kg	0.25 U	1	0.25	1	95-95-4	09/21/11 16:10	09/16/11 16:00
2,4,6-Trichlorophenol	8270	mg/kg	0.38 U	1	0.38	1.5	88-06-2	09/21/11 16:10	09/16/11 16:00
Florida Petroleum Range Organics(C8-C40)									
Date Extracted			09/15/11						09/15/11 11:15
Date Analyzed			09/19/11	1				09/19/11 22:31	
C-39 (40-140)	FLPRO	%	38	1		1.3	DEP-SURR-	09/19/11 22:31	09/15/11 11:15
o-Terphenyl (40-140)	FLPRO	%	66	1		1.3	84-15-1	09/19/11 22:31	09/15/11 11:15
Petroleum Range Organics	FLPRO	mg/kg	6.1 U	1	6.1	24		09/19/11 22:31	09/15/11 11:15
Percent Moisture									
% Moisture	160.3M	%	21			0.13		09/20/11 06:42	
Mercury									
Date Digested	7471		09/15/11						09/15/11 12:20
Date Analyzed	7471		09/16/11	1				09/16/11 16:38	
Mercury	7471	mg/kg	0.040	1	0.0076	0.03	7439-97-6	09/16/11 16:38	09/15/11 12:20
PPM Metals by EPA Method 6010									
Date Digested	3050		09/15/11						09/15/11 12:00
Date Analyzed	6010		09/19/11	1				09/19/11 21:32	
Antimony	6010	mg/kg	0.38 U	1	0.38	1.5	7440-36-0	09/19/11 21:32	09/15/11 12:00
Arsenic	6010	mg/kg	1.5	1	0.25	1	7440-38-2	09/19/11 21:32	09/15/11 12:00
Beryllium	6010	mg/kg	0.025 U	1	0.025	0.1	7440-41-7	09/19/11 21:32	09/15/11 12:00
Cadmium	6010	mg/kg	0.038 U	1	0.038	0.15	7440-43-9	09/19/11 21:32	09/15/11 12:00
Chromium	6010	mg/kg	6.5	1	0.25	1	7440-47-3	09/19/11 21:32	09/15/11 12:00
Copper	6010	mg/kg	3.7	1	0.076	0.3	7440-50-8	09/19/11 21:32	09/15/11 12:00
Lead	6010	mg/kg	4.5	1	0.25	1	7439-92-1	09/19/11 21:32	09/15/11 12:00
Nickel	6010	mg/kg	5.2	1	0.13	0.51	7440-02-0	09/19/11 21:32	09/15/11 12:00
Selenium	6010	mg/kg	0.25 U	1	0.25	1	7782-49-2	09/19/11 21:32	09/15/11 12:00
Silver	6010	mg/kg	0.25 U	1	0.25	1	7440-22-4	09/19/11 21:32	09/15/11 12:00
Thallium	6010	mg/kg	0.13 U	1	0.13	0.51	7440-28-0	09/19/11 21:32	09/15/11 12:00
Zinc	6010	mg/kg	9.6	1	0.19	0.76	7440-66-6	09/19/11 21:32	09/15/11 12:00



Report of Laboratory Analysis

SunLabs
Project Number
110914.09

Environmental Consulting &
Technology, Inc.
Project Description
Gulf Power Company

September 21, 2011

SunLabs Sample Number **129013**
Sample Designation **SB-3D**

Matrix Soil
Date Collected 09/12/11 15:20
Date Received 09/14/11 13:45

Parameters	Method	Units	Results	Dil Factor	MDL	RL	CAS Number	Date/Time Analyzed	Date/Time Prep
Volatile Organic Compounds By EPA Method 8260									
Date Analyzed			09/20/11	1				09/20/11 08:47	
4-Bromofluorobenzene (28-135)	8260	%	106	1			DEP-SURR-	09/20/11 08:47	
Dibromofluoromethane (3-179)	8260	%	100	1			1868-53-7	09/20/11 08:47	
Toluene-d8 (49-134)	8260	%	99	1			DEP-SURR-	09/20/11 08:47	
Acetone	8260	mg/kg	0.012 U	1	0.012	0.05	67-64-1	09/20/11 08:47	
Benzene	8260	mg/kg	0.00038 U	1	0.00038	0.0038	71-43-2	09/20/11 08:47	
Bromochloromethane	8260	mg/kg	0.00054 U	1	0.00054	0.0038	74-97-5	09/20/11 08:47	
Bromodichloromethane	8260	mg/kg	0.00038 U	1	0.00038	0.0038	75-27-4	09/20/11 08:47	
Bromoform	8260	mg/kg	0.00054 U	1	0.00054	0.0038	75-25-2	09/20/11 08:47	
Bromomethane	8260	mg/kg	0.0085 U	1	0.0085	0.034	74-83-9	09/20/11 08:47	
2-Butanone	8260	mg/kg	0.01 U	1	0.01	0.041	78-93-3	09/20/11 08:47	
Carbon disulfide	8260	mg/kg	0.00062 U	1	0.00062	0.0038	75-15-0	09/20/11 08:47	
Carbon tetrachloride	8260	mg/kg	0.00078 U	1	0.00078	0.0038	56-23-5	09/20/11 08:47	
Chlorobenzene	8260	mg/kg	0.00046 U	1	0.00046	0.0038	108-90-7	09/20/11 08:47	
Chloroethane	8260	mg/kg	0.00078 U	1	0.00078	0.0038	75-00-3	09/20/11 08:47	
Chloroform	8260	mg/kg	0.00046 U	1	0.00046	0.0038	67-66-3	09/20/11 08:47	
Chloromethane	8260	mg/kg	0.00078 U	1	0.00078	0.0038	74-87-3	09/20/11 08:47	
Dibromochloromethane	8260	mg/kg	0.00078 U	1	0.00078	0.0038	124-48-1	09/20/11 08:47	
Dibromomethane	8260	mg/kg	0.00078 U	1	0.00078	0.0038	74-95-3	09/20/11 08:47	
1,2-Dichlorobenzene	8260	mg/kg	0.00062 U	1	0.00062	0.0038	95-50-1	09/20/11 08:47	
1,3-Dichlorobenzene	8260	mg/kg	0.0007 U	1	0.0007	0.0038	541-73-1	09/20/11 08:47	
1,4-Dichlorobenzene	8260	mg/kg	0.0007 U	1	0.0007	0.0038	106-46-7	09/20/11 08:47	
Dichlorodifluoromethane	8260	mg/kg	0.00078 U	1	0.00078	0.0038	75-71-8	09/20/11 08:47	
1,1-Dichloroethane	8260	mg/kg	0.0007 U	1	0.0007	0.0038	75-34-3	09/20/11 08:47	
1,2-Dichloroethane	8260	mg/kg	0.00031 U	1	0.00031	0.0038	107-06-2	09/20/11 08:47	
1,1-Dichloroethene	8260	mg/kg	0.00078 U	1	0.00078	0.0038	75-35-4	09/20/11 08:47	
cis-1,2-Dichloroethene	8260	mg/kg	0.00046 U	1	0.00046	0.0038	156-59-2	09/20/11 08:47	
trans-1,2-Dichloroethene	8260	mg/kg	0.00054 U	1	0.00054	0.0038	156-60-5	09/20/11 08:47	
1,2-Dichloropropane	8260	mg/kg	0.00054 U	1	0.00054	0.0038	78-87-5	09/20/11 08:47	
1,3-Dichloropropene	8260	mg/kg	0.00078 U	1	0.00078	0.0038	542-75-6	09/20/11 08:47	
Ethylbenzene	8260	mg/kg	0.00031 U	1	0.00031	0.0038	100-41-4	09/20/11 08:47	
2-Hexanone	8260	mg/kg	0.0078 U	1	0.0078	0.031	591-78-6	09/20/11 08:47	
4-Methyl-2-pentanone	8260	mg/kg	0.0062 U	1	0.0062	0.025	108-10-1	09/20/11 08:47	
Methylene chloride	8260	mg/kg	0.0016 U	1	0.0016	0.0062	75-09-2	09/20/11 08:47	
MTBE	8260	mg/kg	0.00054 U	1	0.00054	0.0038	1634-04-4	09/20/11 08:47	
Isopropylbenzene	8260	mg/kg	0.00031 U	1	0.00031	0.0038	98-82-8	09/20/11 08:47	
Styrene	8260	mg/kg	0.00054 U	1	0.00054	0.0038	100-42-5	09/20/11 08:47	
1,1,2,2-Tetrachloroethane	8260	mg/kg	0.00062 U	1	0.00062	0.0038	79-34-5	09/20/11 08:47	
Tetrachloroethene	8260	mg/kg	0.00038 U	1	0.00038	0.0038	127-18-4	09/20/11 08:47	
Toluene	8260	mg/kg	0.0024 U	1	0.0024	0.0093	108-88-3	09/20/11 08:47	
Total Xylenes	8260	mg/kg	0.0024 U	1	0.0024	0.0093	1330-20-7	09/20/11 08:47	
1,1,1-Trichloroethane	8260	mg/kg	0.00062 U	1	0.00062	0.0038	71-55-6	09/20/11 08:47	

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Report of Laboratory Analysis

SunLabs
Project Number
110914.09

Environmental Consulting &
Technology, Inc.
Project Description
Gulf Power Company

September 21, 2011

SunLabs Sample Number **129013**
Sample Designation **SB-3D**

Matrix Soil
Date Collected 09/12/11 15:20
Date Received 09/14/11 13:45

Parameters	Method	Units	Results	Dil Factor	MDL	RL	CAS Number	Date/Time Analyzed	Date/Time Prep
Volatile Organic Compounds By EPA Method 8260									
1,1,2-Trichloroethane	8260	mg/kg	0.00062 U	1	0.00062	0.0038	79-00-5	09/20/11 08:47	
Trichloroethene	8260	mg/kg	0.00062 U	1	0.00062	0.0038	79-01-6	09/20/11 08:47	
Trichlorofluoromethane	8260	mg/kg	0.00062 U	1	0.00062	0.0038	75-69-4	09/20/11 08:47	
1,2,4-Trimethylbenzene	8260	mg/kg	0.00078 U	1	0.00078	0.0038	95-63-6	09/20/11 08:47	
1,3,5-Trimethylbenzene	8260	mg/kg	0.00054 U	1	0.00054	0.0038	108-67-8	09/20/11 08:47	
Vinyl chloride	8260	mg/kg	0.00062 U	1	0.00062	0.0038	75-01-4	09/20/11 08:47	
Semi-volatile Organic Compounds by Method 8270									
Date Extracted	3545a		09/16/11						09/16/11 16:00
Date Analyzed	8270		09/21/11	1				09/21/11 14:56	
2-Fluorobiphenyl (14-119)	8270	%	61	1			321-60-8	09/21/11 14:56	09/16/11 16:00
2-Fluorophenol (19-91)	8270	%	54	1			367-12-4	09/21/11 14:56	09/16/11 16:00
Nitrobenzene-d5 (D-196)	8270	%	58	1			DEP-SURR-	09/21/11 14:56	09/16/11 16:00
Phenol-d6 (26-111)	8270	%	60	1			DEP-SURR-	09/21/11 14:56	09/16/11 16:00
Terphenyl-d14 (D-141)	8270	%	76	1			DEP-SURR-	09/21/11 14:56	09/16/11 16:00
2,4,6-Tribromophenol (25-100)	8270	%	60	1			118-79-6	09/21/11 14:56	09/16/11 16:00
Acenaphthene	8270	mg/kg	0.0023 U	1	0.0023	0.0091	83-32-9	09/20/11 18:44	09/16/11 16:00
Acenaphthylene	8270	mg/kg	0.0024 U	1	0.0024	0.0096	208-96-8	09/20/11 18:44	09/16/11 16:00
Aniline	8270	mg/kg	0.25 U	1	0.25	1	62-53-3	09/21/11 14:56	09/16/11 16:00
Anthracene	8270	mg/kg	0.0018 U	1	0.0018	0.0074	120-12-7	09/20/11 18:44	09/16/11 16:00
Benzidine	8270	mg/kg	1.5 U	1	1.5	6.1	92-87-5	09/21/11 14:56	09/16/11 16:00
Benzo(a)anthracene	8270	mg/kg	0.0016 U	1	0.0016	0.0065	56-55-3	09/20/11 18:44	09/16/11 16:00
Benzo(a)Pyrene	8270	mg/kg	0.0022 U	1	0.0022	0.0087	50-32-8	09/20/11 18:44	09/16/11 16:00
Benzo(b)Fluoranthene	8270	mg/kg	0.0029 U	1	0.0029	0.012	205-99-2	09/20/11 18:44	09/16/11 16:00
Benzo(g,h,i)perylene	8270	mg/kg	0.0075 U	1	0.0075	0.03	191-24-2	09/20/11 18:44	09/16/11 16:00
Benzo(k)Fluoranthene	8270	mg/kg	0.0021 U	1	0.0021	0.0083	207-08-9	09/20/11 18:44	09/16/11 16:00
Benzoic Acid	8270	mg/kg	1.1 U	1	1.1	4.3	65-85-0	09/21/11 14:56	09/16/11 16:00
Benzyl Alcohol	8270	mg/kg	0.54 U	1	0.54	2.2	100-51-6	09/21/11 14:56	09/16/11 16:00
Bis(2-Chloroethoxy)methane	8270	mg/kg	0.22 U	1	0.22	0.87	111-91-1	09/21/11 14:56	09/16/11 16:00
Bis(2-chloroethyl)ether	8270	mg/kg	0.33 U	1	0.33	1.3	111-44-4	09/21/11 14:56	09/16/11 16:00
Bis(2-Chloroisopropyl)ether	8270	mg/kg	0.33 U	1	0.33	1.3	39638-32-9	09/21/11 14:56	09/16/11 16:00
Bis(2-Ethylhexyl)Phthalate	8270	mg/kg	0.54 U	1	0.54	2.2	117-81-7	09/21/11 14:56	09/16/11 16:00
Butyl Benzyl Phthalate	8270	mg/kg	0.22 U	1	0.22	0.87	85-68-7	09/21/11 14:56	09/16/11 16:00
Carbazole	8270	mg/kg	0.063 U	1	0.063	0.25	86-74-8	09/21/11 14:56	09/16/11 16:00
4-chloro-3-methylphenol	8270	mg/kg	0.43 U	1	0.43	1.7	59-50-7	09/21/11 14:56	09/16/11 16:00
4-Chloroaniline	8270	mg/kg	1.1 U	1	1.1	4.3	106-47-8	09/21/11 14:56	09/16/11 16:00
2-Chloronaphthalene	8270	mg/kg	0.22 U	1	0.22	0.87	91-58-7	09/21/11 14:56	09/16/11 16:00
2-Chlorophenol	8270	mg/kg	0.43 U	1	0.43	1.7	95-57-8	09/21/11 14:56	09/16/11 16:00
Chrysene	8270	mg/kg	0.0013 U	1	0.0013	0.0052	218-01-9	09/20/11 18:44	09/16/11 16:00
Dibenzo(a,h)Anthracene	8270	mg/kg	0.0079 U	1	0.0079	0.032	53-70-3	09/20/11 18:44	09/16/11 16:00
Dibenzofuran	8270	mg/kg	0.33 U	1	0.33	1.3	132-64-9	09/21/11 14:56	09/16/11 16:00
1,2-Dichlorobenzene	8270	mg/kg	0.43 U	1	0.43	1.7	95-50-1	09/21/11 14:56	09/16/11 16:00

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Report of Laboratory Analysis

SunLabs Project Number
110914.09

Environmental Consulting & Technology, Inc.
Project Description
Gulf Power Company

September 21, 2011

SunLabs Sample Number **129013**
 Sample Designation **SB-3D**

Matrix Soil
 Date Collected 09/12/11 15:20
 Date Received 09/14/11 13:45

Parameters	Method	Units	Results	Dil Factor	MDL	RL	CAS Number	Date/Time Analyzed	Date/Time Prep
Semi-volatile Organic Compounds by Method 8270									
1,3-Dichlorobenzene	8270	mg/kg	0.43 U	1	0.43	1.7	541-73-1	09/21/11 14:56	09/16/11 16:00
1,4-Dichlorobenzene	8270	mg/kg	0.43 U	1	0.43	1.7	106-46-7	09/21/11 14:56	09/16/11 16:00
3,3-Dichlorobenzidine	8270	mg/kg	0.4 U	1	0.4	1.6	91-94-1	09/21/11 14:56	09/16/11 16:00
2,4-Dichlorophenol	8270	mg/kg	0.22 U	1	0.22	0.87	120-83-2	09/21/11 14:56	09/16/11 16:00
1,2-dinitrobenzene	8270	mg/kg	0.45 U	1	0.45	1.7	528-29-0	09/21/11 14:56	09/16/11 16:00
1,3-dinitrobenzene	8270	mg/kg	0.73 U	1	0.73	2.9	99-65-0	09/21/11 14:56	09/16/11 16:00
Diethyl phthalate	8270	mg/kg	0.33 U	1	0.33	1.3	84-66-2	09/21/11 14:56	09/16/11 16:00
Dimethyl phthalate	8270	mg/kg	0.22 U	1	0.22	0.87	131-11-3	09/21/11 14:56	09/16/11 16:00
2,4-Dimethylphenol	8270	mg/kg	0.43 U	1	0.43	1.7	105-67-9	09/21/11 14:56	09/16/11 16:00
Di-n-butylphthalate	8270	mg/kg	0.33 U	1	0.33	1.3	84-74-2	09/21/11 14:56	09/16/11 16:00
2,4-Dinitrophenol	8270	mg/kg	0.43 U	1	0.43	1.7	51-28-5	09/21/11 14:56	09/16/11 16:00
2,4-Dinitrotoluene	8270	mg/kg	0.22 U	1	0.22	0.87	121-14-2	09/21/11 14:56	09/16/11 16:00
2,6-Dinitrotoluene	8270	mg/kg	0.33 U	1	0.33	1.3	606-20-2	09/21/11 14:56	09/16/11 16:00
Di-n-Octylphthalate	8270	mg/kg	0.22 U	1	0.22	0.87	117-84-0	09/21/11 14:56	09/16/11 16:00
1,2-diphenylhydrazine as Azobenzene	8270	mg/kg	0.09 U	1	0.09	0.36	110-33-3	09/21/11 14:56	09/16/11 16:00
Fluoranthene	8270	mg/kg	0.0025 U	1	0.0025	0.01	206-44-0	09/20/11 18:44	09/16/11 16:00
Fluorene	8270	mg/kg	0.002 U	1	0.002	0.0078	86-73-7	09/20/11 18:44	09/16/11 16:00
Hexachlorobenzene	8270	mg/kg	0.22 U	1	0.22	0.87	118-74-1	09/21/11 14:56	09/16/11 16:00
Hexachlorobutadiene	8270	mg/kg	0.33 U	1	0.33	1.3	87-68-3	09/21/11 14:56	09/16/11 16:00
Hexachlorocyclopentadiene	8270	mg/kg	0.22 U	1	0.22	0.87	77-47-4	09/21/11 14:56	09/16/11 16:00
Hexachloroethane	8270	mg/kg	0.43 U	1	0.43	1.7	67-72-1	09/21/11 14:56	09/16/11 16:00
Indeno(1,2,3-cd)pyrene	8270	mg/kg	0.0078 U	1	0.0078	0.032	193-39-5	09/20/11 18:44	09/16/11 16:00
Isophorone	8270	mg/kg	0.22 U	1	0.22	0.87	78-59-1	09/21/11 14:56	09/16/11 16:00
1-Methylnaphthalene	8270	mg/kg	0.0036 U	1	0.0036	0.014	90-12-0	09/20/11 18:44	09/16/11 16:00
2-Methylnaphthalene	8270	mg/kg	0.003 U	1	0.003	0.013	91-57-6	09/20/11 18:44	09/16/11 16:00
2-methylphenol	8270	mg/kg	0.22 U	1	0.22	0.87	95-48-7	09/21/11 14:56	09/16/11 16:00
3-methylphenol	8270	mg/kg	0.028 U	1	0.028	0.36	108-39-4	09/21/11 14:56	09/16/11 16:00
4-methylphenol	8270	mg/kg	0.028 U	1	0.028	0.36	8001-28-3	09/21/11 14:56	09/16/11 16:00
Naphthalene	8270	mg/kg	0.006 U	1	0.006	0.024	91-20-3	09/20/11 18:44	09/16/11 16:00
m-Nitroaniline	8270	mg/kg	0.43 U	1	0.43	1.7	99-09-2	09/21/11 14:56	09/16/11 16:00
o-Nitroaniline	8270	mg/kg	0.33 U	1	0.33	1.3	88-74-4	09/21/11 14:56	09/16/11 16:00
p-Nitroaniline	8270	mg/kg	0.43 U	1	0.43	1.7	100-01-6	09/21/11 14:56	09/16/11 16:00
Nitrobenzene	8270	mg/kg	0.33 U	1	0.33	1.3	98-95-3	09/21/11 14:56	09/16/11 16:00
4-Nitrophenol	8270	mg/kg	0.33 U	1	0.33	1.3	100-02-7	09/21/11 14:56	09/16/11 16:00
N-nitrosodimethylamine	8270	mg/kg	0.65 U	1	0.65	2.6	62-75-9	09/21/11 14:56	09/16/11 16:00
N-Nitroso-di-n-propylamine	8270	mg/kg	0.33 U	1	0.33	1.3	621-64-7	09/21/11 14:56	09/16/11 16:00
N-nitroso-diphenylamine	8270	mg/kg	0.22 U	1	0.22	0.87	86-30-6	09/21/11 14:56	09/16/11 16:00
Pentachlorophenol	8270	mg/kg	0.22 U	1	0.22	0.87	87-86-5	09/21/11 14:56	09/16/11 16:00
Phenanthrene	8270	mg/kg	0.003 U	1	0.003	0.013	85-01-8	09/20/11 18:44	09/16/11 16:00
Phenol	8270	mg/kg	0.43 U	1	0.43	1.7	108-95-2	09/21/11 14:56	09/16/11 16:00
Pyrene	8270	mg/kg	0.0075 U	1	0.0075	0.03	129-00-0	09/20/11 18:44	09/16/11 16:00
2,3,4,6-Tetrachlorophenol	8270	mg/kg	0.12 U	1	0.12	1.1	58-90-2	09/21/11 14:56	09/16/11 16:00

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Report of Laboratory Analysis

SunLabs Project Number
110914.09

Environmental Consulting & Technology, Inc.
Project Description
Gulf Power Company

September 21, 2011

SunLabs Sample Number **129013**
Sample Designation **SB-3D**

Matrix Soil
Date Collected 09/12/11 15:20
Date Received 09/14/11 13:45

Parameters	Method	Units	Results	Dil Factor	MDL	RL	CAS Number	Date/Time Analyzed	Date/Time Prep
Semi-volatile Organic Compounds by Method 8270									
1,2,4-Trichlorobenzene	8270	mg/kg	0.33 U	1	0.33	1.3	120-82-1	09/21/11 14:56	09/16/11 16:00
2,4,5-Trichlorophenol	8270	mg/kg	0.22 U	1	0.22	0.87	95-95-4	09/21/11 14:56	09/16/11 16:00
2,4,6-Trichlorophenol	8270	mg/kg	0.33 U	1	0.33	1.3	88-06-2	09/21/11 14:56	09/16/11 16:00
Florida Petroleum Range Organics(C8-C40)									
Date Extracted			09/15/11						09/15/11 11:15
Date Analyzed			09/19/11	1				09/19/11 22:48	
C-39 (40-140)	FLPRO	%	41	1	1.1		DEP-SURR-	09/19/11 22:48	09/15/11 11:15
o-Terphenyl (40-140)	FLPRO	%	72	1	1.1		84-15-1	09/19/11 22:48	09/15/11 11:15
Petroleum Range Organics	FLPRO	mg/kg	5.2 U	1	5.2	21		09/19/11 22:48	09/15/11 11:15
Percent Moisture									
% Moisture	160.3M	%	8			0.11		09/20/11 06:42	
Mercury									
Date Digested	7471		09/15/11						09/15/11 12:20
Date Analyzed	7471		09/16/11	1				09/16/11 16:43	
Mercury	7471	mg/kg	0.033	1	0.0065	0.026	7439-97-6	09/16/11 16:43	09/15/11 12:20
PPM Metals by EPA Method 6010									
Date Digested	3050		09/15/11						09/15/11 12:00
Date Analyzed	6010		09/19/11	1				09/19/11 21:59	
Antimony	6010	mg/kg	0.33 U	1	0.33	1.3	7440-36-0	09/19/11 21:59	09/15/11 12:00
Arsenic	6010	mg/kg	1.4	1	0.22	0.87	7440-38-2	09/19/11 21:59	09/15/11 12:00
Beryllium	6010	mg/kg	0.022 U	1	0.022	0.087	7440-41-7	09/19/11 21:59	09/15/11 12:00
Cadmium	6010	mg/kg	0.033 U	1	0.033	0.13	7440-43-9	09/19/11 21:59	09/15/11 12:00
Chromium	6010	mg/kg	5.9	1	0.22	0.87	7440-47-3	09/19/11 21:59	09/15/11 12:00
Copper	6010	mg/kg	3.2	1	0.065	0.26	7440-50-8	09/19/11 21:59	09/15/11 12:00
Lead	6010	mg/kg	3.2	1	0.22	0.87	7439-92-1	09/19/11 21:59	09/15/11 12:00
Nickel	6010	mg/kg	4.2	1	0.11	0.43	7440-02-0	09/19/11 21:59	09/15/11 12:00
Selenium	6010	mg/kg	0.22 U	1	0.22	0.87	7782-49-2	09/19/11 21:59	09/15/11 12:00
Silver	6010	mg/kg	0.22 U	1	0.22	0.87	7440-22-4	09/19/11 21:59	09/15/11 12:00
Thallium	6010	mg/kg	0.11 U	1	0.11	0.43	7440-28-0	09/19/11 21:59	09/15/11 12:00
Zinc	6010	mg/kg	7.9	1	0.16	0.65	7440-66-6	09/19/11 21:59	09/15/11 12:00



Report of Laboratory Analysis

SunLabs
Project Number
110914.09

Environmental Consulting &
Technology, Inc.
Project Description
Gulf Power Company

September 21, 2011

SunLabs Sample Number **129014**
Sample Designation **SB-4**

Matrix Soil
Date Collected 09/12/11 15:30
Date Received 09/14/11 13:45

Parameters	Method	Units	Results	Dil Factor	MDL	RL	CAS Number	Date/Time Analyzed	Date/Time Prep
Volatile Organic Compounds By EPA Method 8260									
Date Analyzed			09/20/11	1				09/20/11 09:12	
4-Bromofluorobenzene (28-135)	8260	%	95	1			DEP-SURR-	09/20/11 09:12	
Dibromofluoromethane (3-179)	8260	%	96	1			1868-53-7	09/20/11 09:12	
Toluene-d8 (49-134)	8260	%	97	1			DEP-SURR-	09/20/11 09:12	
Acetone	8260	mg/kg	0.016 U	1	0.016	0.065	67-64-1	09/20/11 09:12	
Benzene	8260	mg/kg	0.00051 U	1	0.00051	0.0051	71-43-2	09/20/11 09:12	
Bromochloromethane	8260	mg/kg	0.00071 U	1	0.00071	0.0051	74-97-5	09/20/11 09:12	
Bromodichloromethane	8260	mg/kg	0.00051 U	1	0.00051	0.0051	75-27-4	09/20/11 09:12	
Bromoform	8260	mg/kg	0.00071 U	1	0.00071	0.0051	75-25-2	09/20/11 09:12	
Bromomethane	8260	mg/kg	0.011 U	1	0.011	0.045	74-83-9	09/20/11 09:12	
2-Butanone	8260	mg/kg	0.013 U	1	0.013	0.053	78-93-3	09/20/11 09:12	
Carbon disulfide	8260	mg/kg	0.00085 U	1	0.00085	0.0051	75-15-0	09/20/11 09:12	
Carbon tetrachloride	8260	mg/kg	0.001 U	1	0.001	0.0051	56-23-5	09/20/11 09:12	
Chlorobenzene	8260	mg/kg	0.00061 U	1	0.00061	0.0051	108-90-7	09/20/11 09:12	
Chloroethane	8260	mg/kg	0.001 U	1	0.001	0.0051	75-00-3	09/20/11 09:12	
Chloroform	8260	mg/kg	0.00061 U	1	0.00061	0.0051	67-66-3	09/20/11 09:12	
Chloromethane	8260	mg/kg	0.001 U	1	0.001	0.0051	74-87-3	09/20/11 09:12	
Dibromochloromethane	8260	mg/kg	0.001 U	1	0.001	0.0051	124-48-1	09/20/11 09:12	
Dibromomethane	8260	mg/kg	0.001 U	1	0.001	0.0051	74-95-3	09/20/11 09:12	
1,2-Dichlorobenzene	8260	mg/kg	0.00085 U	1	0.00085	0.0051	95-50-1	09/20/11 09:12	
1,3-Dichlorobenzene	8260	mg/kg	0.00093 U	1	0.00093	0.0051	541-73-1	09/20/11 09:12	
1,4-Dichlorobenzene	8260	mg/kg	0.00093 U	1	0.00093	0.0051	106-46-7	09/20/11 09:12	
Dichlorodifluoromethane	8260	mg/kg	0.001 U	1	0.001	0.0051	75-71-8	09/20/11 09:12	
1,1-Dichloroethane	8260	mg/kg	0.00093 U	1	0.00093	0.0051	75-34-3	09/20/11 09:12	
1,2-Dichloroethane	8260	mg/kg	0.00041 U	1	0.00041	0.0051	107-06-2	09/20/11 09:12	
1,1-Dichloroethene	8260	mg/kg	0.001 U	1	0.001	0.0051	75-35-4	09/20/11 09:12	
cis-1,2-Dichloroethene	8260	mg/kg	0.00061 U	1	0.00061	0.0051	156-59-2	09/20/11 09:12	
trans-1,2-Dichloroethene	8260	mg/kg	0.00071 U	1	0.00071	0.0051	156-60-5	09/20/11 09:12	
1,2-Dichloropropane	8260	mg/kg	0.00071 U	1	0.00071	0.0051	78-87-5	09/20/11 09:12	
1,3-Dichloropropene	8260	mg/kg	0.001 U	1	0.001	0.0051	542-75-6	09/20/11 09:12	
Ethylbenzene	8260	mg/kg	0.00041 U	1	0.00041	0.0051	100-41-4	09/20/11 09:12	
2-Hexanone	8260	mg/kg	0.01 U	1	0.01	0.041	591-78-6	09/20/11 09:12	
4-Methyl-2-pentanone	8260	mg/kg	0.0085 U	1	0.0085	0.032	108-10-1	09/20/11 09:12	
Methylene chloride	8260	mg/kg	0.002 U	1	0.002	0.0085	75-09-2	09/20/11 09:12	
MTBE	8260	mg/kg	0.00071 U	1	0.00071	0.0051	1634-04-4	09/20/11 09:12	
Isopropylbenzene	8260	mg/kg	0.00041 U	1	0.00041	0.0051	98-82-8	09/20/11 09:12	
Styrene	8260	mg/kg	0.00071 U	1	0.00071	0.0051	100-42-5	09/20/11 09:12	
1,1,2,2-Tetrachloroethane	8260	mg/kg	0.00085 U	1	0.00085	0.0051	79-34-5	09/20/11 09:12	
Tetrachloroethene	8260	mg/kg	0.00051 U	1	0.00051	0.0051	127-18-4	09/20/11 09:12	
Toluene	8260	mg/kg	0.003 U	1	0.003	0.012	108-88-3	09/20/11 09:12	
Total Xylenes	8260	mg/kg	0.003 U	1	0.003	0.012	1330-20-7	09/20/11 09:12	
1,1,1-Trichloroethane	8260	mg/kg	0.00085 U	1	0.00085	0.0051	71-55-6	09/20/11 09:12	

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Report of Laboratory Analysis

SunLabs
Project Number
110914.09

Environmental Consulting &
Technology, Inc.
Project Description
Gulf Power Company

September 21, 2011

SunLabs Sample Number **129014**
Sample Designation **SB-4**

Matrix Soil
Date Collected 09/12/11 15:30
Date Received 09/14/11 13:45

Parameters	Method	Units	Results	Dil Factor	MDL	RL	CAS Number	Date/Time Analyzed	Date/Time Prep
Volatile Organic Compounds By EPA Method 8260									
1,1,2-Trichloroethane	8260	mg/kg	0.00085 U	1	0.00085	0.0051	79-00-5	09/20/11 09:12	
Trichloroethene	8260	mg/kg	0.00085 U	1	0.00085	0.0051	79-01-6	09/20/11 09:12	
Trichlorofluoromethane	8260	mg/kg	0.00085 U	1	0.00085	0.0051	75-69-4	09/20/11 09:12	
1,2,4-Trimethylbenzene	8260	mg/kg	0.001 U	1	0.001	0.0051	95-63-6	09/20/11 09:12	
1,3,5-Trimethylbenzene	8260	mg/kg	0.00071 U	1	0.00071	0.0051	108-67-8	09/20/11 09:12	
Vinyl chloride	8260	mg/kg	0.00085 U	1	0.00085	0.0051	75-01-4	09/20/11 09:12	
Semi-volatile Organic Compounds by Method 8270									
Date Extracted	3545a		09/16/11						09/16/11 16:00
Date Analyzed	8270		09/21/11	1				09/21/11 16:35	
2-Fluorobiphenyl (14-119)	8270	%	56	1			321-60-8	09/21/11 16:35	09/16/11 16:00
2-Fluorophenol (19-91)	8270	%	53	1			367-12-4	09/21/11 16:35	09/16/11 16:00
Nitrobenzene-d5 (D-196)	8270	%	54	1			DEP-SURR-	09/21/11 16:35	09/16/11 16:00
Phenol-d6 (26-111)	8270	%	59	1			DEP-SURR-	09/21/11 16:35	09/16/11 16:00
Terphenyl-d14 (D-141)	8270	%	76	1			DEP-SURR-	09/21/11 16:35	09/16/11 16:00
2,4,6-Tribromophenol (25-100)	8270	%	71	1			118-79-6	09/21/11 16:35	09/16/11 16:00
Acenaphthene	8270	mg/kg	0.0028 U	1	0.0028	0.011	83-32-9	09/20/11 19:02	09/16/11 16:00
Acenaphthylene	8270	mg/kg	0.0029 U	1	0.0029	0.012	208-96-8	09/20/11 19:02	09/16/11 16:00
Aniline	8270	mg/kg	0.3 U	1	0.3	1.2	62-53-3	09/21/11 16:35	09/16/11 16:00
Anthracene	8270	mg/kg	0.0022 U	1	0.0022	0.0089	120-12-7	09/20/11 19:02	09/16/11 16:00
Benzidine	8270	mg/kg	1.8 U	1	1.8	7.4	92-87-5	09/21/11 16:35	09/16/11 16:00
Benzo(a)anthracene	8270	mg/kg	0.002 U	1	0.002	0.0079	56-55-3	09/20/11 19:02	09/16/11 16:00
Benzo(a)Pyrene	8270	mg/kg	0.0026 U	1	0.0026	0.011	50-32-8	09/20/11 19:02	09/16/11 16:00
Benzo(b)Fluoranthene	8270	mg/kg	0.0036 U	1	0.0036	0.014	205-99-2	09/20/11 19:02	09/16/11 16:00
Benzo(g,h,i)perylene	8270	mg/kg	0.0091 U	1	0.0091	0.037	191-24-2	09/20/11 19:02	09/16/11 16:00
Benzo(k)Fluoranthene	8270	mg/kg	0.0025 U	1	0.0025	0.01	207-08-9	09/20/11 19:02	09/16/11 16:00
Benzoic Acid	8270	mg/kg	1.3 U	1	1.3	5.3	65-85-0	09/21/11 16:35	09/16/11 16:00
Benzyl Alcohol	8270	mg/kg	0.66 U	1	0.66	2.6	100-51-6	09/21/11 16:35	09/16/11 16:00
Bis(2-Chloroethoxy)methane	8270	mg/kg	0.26 U	1	0.26	1.1	111-91-1	09/21/11 16:35	09/16/11 16:00
Bis(2-chloroethyl)ether	8270	mg/kg	0.39 U	1	0.39	1.6	111-44-4	09/21/11 16:35	09/16/11 16:00
Bis(2-Chloroisopropyl)ether	8270	mg/kg	0.39 U	1	0.39	1.6	39638-32-9	09/21/11 16:35	09/16/11 16:00
Bis(2-Ethylhexyl)Phthalate	8270	mg/kg	0.66 U	1	0.66	2.6	117-81-7	09/21/11 16:35	09/16/11 16:00
Butyl Benzyl Phthalate	8270	mg/kg	0.26 U	1	0.26	1.1	85-68-7	09/21/11 16:35	09/16/11 16:00
Carbazole	8270	mg/kg	0.076 U	1	0.076	0.3	86-74-8	09/21/11 16:35	09/16/11 16:00
4-chloro-3-methylphenol	8270	mg/kg	0.53 U	1	0.53	2.1	59-50-7	09/21/11 16:35	09/16/11 16:00
4-Chloroaniline	8270	mg/kg	1.3 U	1	1.3	5.3	106-47-8	09/21/11 16:35	09/16/11 16:00
2-Chloronaphthalene	8270	mg/kg	0.26 U	1	0.26	1.1	91-58-7	09/21/11 16:35	09/16/11 16:00
2-Chlorophenol	8270	mg/kg	0.53 U	1	0.53	2.1	95-57-8	09/21/11 16:35	09/16/11 16:00
Chrysene	8270	mg/kg	0.0016 U	1	0.0016	0.0063	218-01-9	09/20/11 19:02	09/16/11 16:00
Dibenzo(a,h)Anthracene	8270	mg/kg	0.0096 U	1	0.0096	0.038	53-70-3	09/20/11 19:02	09/16/11 16:00
Dibenzofuran	8270	mg/kg	0.39 U	1	0.39	1.6	132-64-9	09/21/11 16:35	09/16/11 16:00
1,2-Dichlorobenzene	8270	mg/kg	0.53 U	1	0.53	2.1	95-50-1	09/21/11 16:35	09/16/11 16:00

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Report of Laboratory Analysis

SunLabs
Project Number
110914.09

Environmental Consulting &
Technology, Inc.
Project Description
Gulf Power Company

September 21, 2011

SunLabs Sample Number **129014**
Sample Designation **SB-4**

Matrix Soil
Date Collected 09/12/11 15:30
Date Received 09/14/11 13:45

Parameters	Method	Units	Results	Dil Factor	MDL	RL	CAS Number	Date/Time Analyzed	Date/Time Prep
Semi-volatile Organic Compounds by Method 8270									
1,3-Dichlorobenzene	8270	mg/kg	0.53 U	1	0.53	2.1	541-73-1	09/21/11 16:35	09/16/11 16:00
1,4-Dichlorobenzene	8270	mg/kg	0.53 U	1	0.53	2.1	106-46-7	09/21/11 16:35	09/16/11 16:00
3,3-Dichlorobenzidine	8270	mg/kg	0.49 U	1	0.49	2	91-94-1	09/21/11 16:35	09/16/11 16:00
2,4-Dichlorophenol	8270	mg/kg	0.26 U	1	0.26	1.1	120-83-2	09/21/11 16:35	09/16/11 16:00
1,2-dinitrobenzene	8270	mg/kg	0.54 U	1	0.54	2.1	528-29-0	09/21/11 16:35	09/16/11 16:00
1,3-dinitrobenzene	8270	mg/kg	0.88 U	1	0.88	3.6	99-65-0	09/21/11 16:35	09/16/11 16:00
Diethyl phthalate	8270	mg/kg	0.39 U	1	0.39	1.6	84-66-2	09/21/11 16:35	09/16/11 16:00
Dimethyl phthalate	8270	mg/kg	0.26 U	1	0.26	1.1	131-11-3	09/21/11 16:35	09/16/11 16:00
2,4-Dimethylphenol	8270	mg/kg	0.53 U	1	0.53	2.1	105-67-9	09/21/11 16:35	09/16/11 16:00
Di-n-butylphthalate	8270	mg/kg	0.39 U	1	0.39	1.6	84-74-2	09/21/11 16:35	09/16/11 16:00
2,4-Dinitrophenol	8270	mg/kg	0.53 U	1	0.53	2.1	51-28-5	09/21/11 16:35	09/16/11 16:00
2,4-Dinitrotoluene	8270	mg/kg	0.26 U	1	0.26	1.1	121-14-2	09/21/11 16:35	09/16/11 16:00
2,6-Dinitrotoluene	8270	mg/kg	0.39 U	1	0.39	1.6	606-20-2	09/21/11 16:35	09/16/11 16:00
Di-n-Octylphthalate	8270	mg/kg	0.26 U	1	0.26	1.1	117-84-0	09/21/11 16:35	09/16/11 16:00
1,2-diphenylhydrazine as Azobenzene	8270	mg/kg	0.11 U	1	0.11	0.43	110-33-3	09/21/11 16:35	09/16/11 16:00
Fluoranthene	8270	mg/kg	0.003 U	1	0.003	0.012	206-44-0	09/20/11 19:02	09/16/11 16:00
Fluorene	8270	mg/kg	0.0024 U	1	0.0024	0.0095	86-73-7	09/20/11 19:02	09/16/11 16:00
Hexachlorobenzene	8270	mg/kg	0.26 U	1	0.26	1.1	118-74-1	09/21/11 16:35	09/16/11 16:00
Hexachlorobutadiene	8270	mg/kg	0.39 U	1	0.39	1.6	87-68-3	09/21/11 16:35	09/16/11 16:00
Hexachlorocyclopentadiene	8270	mg/kg	0.26 U	1	0.26	1.1	77-47-4	09/21/11 16:35	09/16/11 16:00
Hexachloroethane	8270	mg/kg	0.53 U	1	0.53	2.1	67-72-1	09/21/11 16:35	09/16/11 16:00
Indeno(1,2,3-cd)pyrene	8270	mg/kg	0.0095 U	1	0.0095	0.038	193-39-5	09/20/11 19:02	09/16/11 16:00
Isophorone	8270	mg/kg	0.26 U	1	0.26	1.1	78-59-1	09/21/11 16:35	09/16/11 16:00
1-Methylnaphthalene	8270	mg/kg	0.0043 U	1	0.0043	0.017	90-12-0	09/20/11 19:02	09/16/11 16:00
2-Methylnaphthalene	8270	mg/kg	0.0037 U	1	0.0037	0.016	91-57-6	09/20/11 19:02	09/16/11 16:00
2-methylphenol	8270	mg/kg	0.26 U	1	0.26	1.1	95-48-7	09/21/11 16:35	09/16/11 16:00
3-methylphenol	8270	mg/kg	0.034 U	1	0.034	0.43	108-39-4	09/21/11 16:35	09/16/11 16:00
4-methylphenol	8270	mg/kg	0.034 U	1	0.034	0.43	8001-28-3	09/21/11 16:35	09/16/11 16:00
Naphthalene	8270	mg/kg	0.0072 U	1	0.0072	0.029	91-20-3	09/20/11 19:02	09/16/11 16:00
m-Nitroaniline	8270	mg/kg	0.53 U	1	0.53	2.1	99-09-2	09/21/11 16:35	09/16/11 16:00
o-Nitroaniline	8270	mg/kg	0.39 U	1	0.39	1.6	88-74-4	09/21/11 16:35	09/16/11 16:00
p-Nitroaniline	8270	mg/kg	0.53 U	1	0.53	2.1	100-01-6	09/21/11 16:35	09/16/11 16:00
Nitrobenzene	8270	mg/kg	0.39 U	1	0.39	1.6	98-95-3	09/21/11 16:35	09/16/11 16:00
4-Nitrophenol	8270	mg/kg	0.39 U	1	0.39	1.6	100-02-7	09/21/11 16:35	09/16/11 16:00
N-nitrosodimethylamine	8270	mg/kg	0.79 U	1	0.79	3.2	62-75-9	09/21/11 16:35	09/16/11 16:00
N-Nitroso-di-n-propylamine	8270	mg/kg	0.39 U	1	0.39	1.6	621-64-7	09/21/11 16:35	09/16/11 16:00
N-nitroso-diphenylamine	8270	mg/kg	0.26 U	1	0.26	1.1	86-30-6	09/21/11 16:35	09/16/11 16:00
Pentachlorophenol	8270	mg/kg	0.26 U	1	0.26	1.1	87-86-5	09/21/11 16:35	09/16/11 16:00
Phenanthrene	8270	mg/kg	0.0037 U	1	0.0037	0.016	85-01-8	09/20/11 19:02	09/16/11 16:00
Phenol	8270	mg/kg	0.53 U	1	0.53	2.1	108-95-2	09/21/11 16:35	09/16/11 16:00
Pyrene	8270	mg/kg	0.0091 U	1	0.0091	0.037	129-00-0	09/20/11 19:02	09/16/11 16:00
2,3,4,6-Tetrachlorophenol	8270	mg/kg	0.14 U	1	0.14	1.3	58-90-2	09/21/11 16:35	09/16/11 16:00

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Report of Laboratory Analysis

SunLabs Project Number
110914.09

Environmental Consulting & Technology, Inc.
Project Description
Gulf Power Company

September 21, 2011

SunLabs Sample Number **129014**
Sample Designation **SB-4**

Matrix Soil
Date Collected 09/12/11 15:30
Date Received 09/14/11 13:45

Parameters	Method	Units	Results	Dil Factor	MDL	RL	CAS Number	Date/Time Analyzed	Date/Time Prep
Semi-volatile Organic Compounds by Method 8270									
1,2,4-Trichlorobenzene	8270	mg/kg	0.39 U	1	0.39	1.6	120-82-1	09/21/11 16:35	09/16/11 16:00
2,4,5-Trichlorophenol	8270	mg/kg	0.26 U	1	0.26	1.1	95-95-4	09/21/11 16:35	09/16/11 16:00
2,4,6-Trichlorophenol	8270	mg/kg	0.39 U	1	0.39	1.6	88-06-2	09/21/11 16:35	09/16/11 16:00
Florida Petroleum Range Organics(C8-C40)									
Date Extracted			09/15/11						09/15/11 11:15
Date Analyzed			09/19/11	1				09/19/11 23:06	
C-39 (40-140)	FLPRO	%	49	1		1.3	DEP-SURR-	09/19/11 23:06	09/15/11 11:15
o-Terphenyl (40-140)	FLPRO	%	74	1		1.3	84-15-1	09/19/11 23:06	09/15/11 11:15
Petroleum Range Organics	FLPRO	mg/kg	6.3 U	1	6.3	25		09/19/11 23:06	09/15/11 11:15
Percent Moisture									
% Moisture	160.3M	%	24			0.13		09/20/11 06:42	
Mercury									
Date Digested	7471		09/15/11						09/15/11 12:20
Date Analyzed	7471		09/16/11	1				09/16/11 16:45	
Mercury	7471	mg/kg	0.034	1	0.0079	0.032	7439-97-6	09/16/11 16:45	09/15/11 12:20
PPM Metals by EPA Method 6010									
Date Digested	3050		09/15/11						09/15/11 12:00
Date Analyzed	6010		09/19/11	1				09/19/11 22:05	
Antimony	6010	mg/kg	0.39 U	1	0.39	1.6	7440-36-0	09/19/11 22:05	09/15/11 12:00
Arsenic	6010	mg/kg	2.0	1	0.26	1.1	7440-38-2	09/19/11 22:05	09/15/11 12:00
Beryllium	6010	mg/kg	0.026 U	1	0.026	0.11	7440-41-7	09/19/11 22:05	09/15/11 12:00
Cadmium	6010	mg/kg	0.039 U	1	0.039	0.16	7440-43-9	09/19/11 22:05	09/15/11 12:00
Chromium	6010	mg/kg	11	1	0.26	1.1	7440-47-3	09/19/11 22:05	09/15/11 12:00
Copper	6010	mg/kg	4.0	1	0.079	0.32	7440-50-8	09/19/11 22:05	09/15/11 12:00
Lead	6010	mg/kg	5.8	1	0.26	1.1	7439-92-1	09/19/11 22:05	09/15/11 12:00
Nickel	6010	mg/kg	4.4	1	0.13	0.53	7440-02-0	09/19/11 22:05	09/15/11 12:00
Selenium	6010	mg/kg	0.26 U	1	0.26	1.1	7782-49-2	09/19/11 22:05	09/15/11 12:00
Silver	6010	mg/kg	0.26 U	1	0.26	1.1	7440-22-4	09/19/11 22:05	09/15/11 12:00
Thallium	6010	mg/kg	0.13 U	1	0.13	0.53	7440-28-0	09/19/11 22:05	09/15/11 12:00
Zinc	6010	mg/kg	9.5	1	0.2	0.79	7440-66-6	09/19/11 22:05	09/15/11 12:00



Report of Laboratory Analysis

SunLabs
Project Number
110914.09

Environmental Consulting &
Technology, Inc.
Project Description
Gulf Power Company

September 21, 2011

SunLabs Sample Number **129015**
Sample Designation **SB-5**

Matrix Soil
Date Collected 09/12/11 15:55
Date Received 09/14/11 13:45

Parameters	Method	Units	Results	Dil Factor	MDL	RL	CAS Number	Date/Time Analyzed	Date/Time Prep
Volatile Organic Compounds By EPA Method 8260									
Date Analyzed			09/20/11	1				09/20/11 09:37	
4-Bromofluorobenzene (28-135)	8260	%	97	1			DEP-SURR-	09/20/11 09:37	
Dibromofluoromethane (3-179)	8260	%	93	1			1868-53-7	09/20/11 09:37	
Toluene-d8 (49-134)	8260	%	98	1			DEP-SURR-	09/20/11 09:37	
Acetone	8260	mg/kg	0.012 U	1	0.012	0.049	67-64-1	09/20/11 09:37	
Benzene	8260	mg/kg	0.00039 U	1	0.00039	0.0039	71-43-2	09/20/11 09:37	
Bromochloromethane	8260	mg/kg	0.00054 U	1	0.00054	0.0039	74-97-5	09/20/11 09:37	
Bromodichloromethane	8260	mg/kg	0.00039 U	1	0.00039	0.0039	75-27-4	09/20/11 09:37	
Bromoform	8260	mg/kg	0.00054 U	1	0.00054	0.0039	75-25-2	09/20/11 09:37	
Bromomethane	8260	mg/kg	0.0088 U	1	0.0088	0.034	74-83-9	09/20/11 09:37	
2-Butanone	8260	mg/kg	0.01 U	1	0.01	0.04	78-93-3	09/20/11 09:37	
Carbon disulfide	8260	mg/kg	0.00061 U	1	0.00061	0.0039	75-15-0	09/20/11 09:37	
Carbon tetrachloride	8260	mg/kg	0.00081 U	1	0.00081	0.0039	56-23-5	09/20/11 09:37	
Chlorobenzene	8260	mg/kg	0.00046 U	1	0.00046	0.0039	108-90-7	09/20/11 09:37	
Chloroethane	8260	mg/kg	0.00081 U	1	0.00081	0.0039	75-00-3	09/20/11 09:37	
Chloroform	8260	mg/kg	0.00046 U	1	0.00046	0.0039	67-66-3	09/20/11 09:37	
Chloromethane	8260	mg/kg	0.00081 U	1	0.00081	0.0039	74-87-3	09/20/11 09:37	
Dibromochloromethane	8260	mg/kg	0.00081 U	1	0.00081	0.0039	124-48-1	09/20/11 09:37	
Dibromomethane	8260	mg/kg	0.00081 U	1	0.00081	0.0039	74-95-3	09/20/11 09:37	
1,2-Dichlorobenzene	8260	mg/kg	0.00061 U	1	0.00061	0.0039	95-50-1	09/20/11 09:37	
1,3-Dichlorobenzene	8260	mg/kg	0.0007 U	1	0.0007	0.0039	541-73-1	09/20/11 09:37	
1,4-Dichlorobenzene	8260	mg/kg	0.0007 U	1	0.0007	0.0039	106-46-7	09/20/11 09:37	
Dichlorodifluoromethane	8260	mg/kg	0.00081 U	1	0.00081	0.0039	75-71-8	09/20/11 09:37	
1,1-Dichloroethane	8260	mg/kg	0.0007 U	1	0.0007	0.0039	75-34-3	09/20/11 09:37	
1,2-Dichloroethane	8260	mg/kg	0.00031 U	1	0.00031	0.0039	107-06-2	09/20/11 09:37	
1,1-Dichloroethene	8260	mg/kg	0.00081 U	1	0.00081	0.0039	75-35-4	09/20/11 09:37	
cis-1,2-Dichloroethene	8260	mg/kg	0.00046 U	1	0.00046	0.0039	156-59-2	09/20/11 09:37	
trans-1,2-Dichloroethene	8260	mg/kg	0.00054 U	1	0.00054	0.0039	156-60-5	09/20/11 09:37	
1,2-Dichloropropane	8260	mg/kg	0.00054 U	1	0.00054	0.0039	78-87-5	09/20/11 09:37	
1,3-Dichloropropene	8260	mg/kg	0.00081 U	1	0.00081	0.0039	542-75-6	09/20/11 09:37	
Ethylbenzene	8260	mg/kg	0.00031 U	1	0.00031	0.0039	100-41-4	09/20/11 09:37	
2-Hexanone	8260	mg/kg	0.0081 U	1	0.0081	0.031	591-78-6	09/20/11 09:37	
4-Methyl-2-pentanone	8260	mg/kg	0.0061 U	1	0.0061	0.025	108-10-1	09/20/11 09:37	
Methylene chloride	8260	mg/kg	0.0015 U	1	0.0015	0.0061	75-09-2	09/20/11 09:37	
MTBE	8260	mg/kg	0.00054 U	1	0.00054	0.0039	1634-04-4	09/20/11 09:37	
Isopropylbenzene	8260	mg/kg	0.00031 U	1	0.00031	0.0039	98-82-8	09/20/11 09:37	
Styrene	8260	mg/kg	0.00054 U	1	0.00054	0.0039	100-42-5	09/20/11 09:37	
1,1,2,2-Tetrachloroethane	8260	mg/kg	0.00061 U	1	0.00061	0.0039	79-34-5	09/20/11 09:37	
Tetrachloroethene	8260	mg/kg	0.00039 U	1	0.00039	0.0039	127-18-4	09/20/11 09:37	
Toluene	8260	mg/kg	0.0023 U	1	0.0023	0.0095	108-88-3	09/20/11 09:37	
Total Xylenes	8260	mg/kg	0.0023 U	1	0.0023	0.0095	1330-20-7	09/20/11 09:37	
1,1,1-Trichloroethane	8260	mg/kg	0.00061 U	1	0.00061	0.0039	71-55-6	09/20/11 09:37	

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Report of Laboratory Analysis

SunLabs
Project Number
110914.09

Environmental Consulting &
Technology, Inc.
Project Description
Gulf Power Company

September 21, 2011

SunLabs Sample Number **129015**
Sample Designation **SB-5**

Matrix Soil
Date Collected 09/12/11 15:55
Date Received 09/14/11 13:45

Parameters	Method	Units	Results	Dil Factor	MDL	RL	CAS Number	Date/Time Analyzed	Date/Time Prep
Volatile Organic Compounds By EPA Method 8260									
1,1,2-Trichloroethane	8260	mg/kg	0.00061 U	1	0.00061	0.0039	79-00-5	09/20/11 09:37	
Trichloroethene	8260	mg/kg	0.00061 U	1	0.00061	0.0039	79-01-6	09/20/11 09:37	
Trichlorofluoromethane	8260	mg/kg	0.00061 U	1	0.00061	0.0039	75-69-4	09/20/11 09:37	
1,2,4-Trimethylbenzene	8260	mg/kg	0.00081 U	1	0.00081	0.0039	95-63-6	09/20/11 09:37	
1,3,5-Trimethylbenzene	8260	mg/kg	0.00054 U	1	0.00054	0.0039	108-67-8	09/20/11 09:37	
Vinyl chloride	8260	mg/kg	0.00061 U	1	0.00061	0.0039	75-01-4	09/20/11 09:37	
Semi-volatile Organic Compounds by Method 8270									
Date Extracted	3545a		09/16/11						09/16/11 16:00
Date Analyzed	8270		09/20/11	1				09/20/11 19:02	
2-Fluorobiphenyl (14-119)	8270	%	63	1			321-60-8	09/21/11 19:02	09/16/11 16:00
2-Fluorophenol (19-91)	8270	%	57	1			367-12-4	09/21/11 19:02	09/16/11 16:00
Nitrobenzene-d5 (D-196)	8270	%	62	1			DEP-SURR-	09/21/11 19:02	09/16/11 16:00
Phenol-d6 (26-111)	8270	%	63	1			DEP-SURR-	09/21/11 19:02	09/16/11 16:00
Terphenyl-d14 (D-141)	8270	%	75	1			DEP-SURR-	09/21/11 19:02	09/16/11 16:00
2,4,6-Tribromophenol (25-100)	8270	%	71	1			118-79-6	09/21/11 19:02	09/16/11 16:00
Acenaphthene	8270	mg/kg	0.0022 U	1	0.0022	0.0088	83-32-9	09/20/11 19:20	09/16/11 16:00
Acenaphthylene	8270	mg/kg	0.0023 U	1	0.0023	0.0093	208-96-8	09/20/11 19:20	09/16/11 16:00
Aniline	8270	mg/kg	0.24 U	1	0.24	0.97	62-53-3	09/21/11 19:02	09/16/11 16:00
Anthracene	8270	mg/kg	0.0018 U	1	0.0018	0.0072	120-12-7	09/20/11 19:20	09/16/11 16:00
Benzidine	8270	mg/kg	1.5 U	1	1.5	5.9	92-87-5	09/21/11 19:02	09/16/11 16:00
Benzo(a)anthracene	8270	mg/kg	0.0016 U	1	0.0016	0.0063	56-55-3	09/20/11 19:20	09/16/11 16:00
Benzo(a)Pyrene	8270	mg/kg	0.0021 U	1	0.0021	0.0084	50-32-8	09/20/11 19:20	09/16/11 16:00
Benzo(b)Fluoranthene	8270	mg/kg	0.0028 U	1	0.0028	0.012	205-99-2	09/20/11 19:20	09/16/11 16:00
Benzo(g,h,i)perylene	8270	mg/kg	0.0073 U	1	0.0073	0.029	191-24-2	09/20/11 19:20	09/16/11 16:00
Benzo(k)Fluoranthene	8270	mg/kg	0.002 U	1	0.002	0.008	207-08-9	09/20/11 19:20	09/16/11 16:00
Benzoic Acid	8270	mg/kg	1.1 U	1	1.1	4.2	65-85-0	09/21/11 19:02	09/16/11 16:00
Benzyl Alcohol	8270	mg/kg	0.53 U	1	0.53	2.1	100-51-6	09/21/11 19:02	09/16/11 16:00
Bis(2-Chloroethoxy)methane	8270	mg/kg	0.21 U	1	0.21	0.84	111-91-1	09/21/11 19:02	09/16/11 16:00
Bis(2-chloroethyl)ether	8270	mg/kg	0.32 U	1	0.32	1.3	111-44-4	09/21/11 19:02	09/16/11 16:00
Bis(2-Chloroisopropyl)ether	8270	mg/kg	0.32 U	1	0.32	1.3	39638-32-9	09/21/11 19:02	09/16/11 16:00
Bis(2-Ethylhexyl)Phthalate	8270	mg/kg	0.53 U	1	0.53	2.1	117-81-7	09/21/11 19:02	09/16/11 16:00
Butyl Benzyl Phthalate	8270	mg/kg	0.21 U	1	0.21	0.84	85-68-7	09/21/11 19:02	09/16/11 16:00
Carbazole	8270	mg/kg	0.061 U	1	0.061	0.24	86-74-8	09/21/11 19:02	09/16/11 16:00
4-chloro-3-methylphenol	8270	mg/kg	0.42 U	1	0.42	1.7	59-50-7	09/21/11 19:02	09/16/11 16:00
4-Chloroaniline	8270	mg/kg	1.1 U	1	1.1	4.2	106-47-8	09/21/11 19:02	09/16/11 16:00
2-Chloronaphthalene	8270	mg/kg	0.21 U	1	0.21	0.84	91-58-7	09/21/11 19:02	09/16/11 16:00
2-Chlorophenol	8270	mg/kg	0.42 U	1	0.42	1.7	95-57-8	09/21/11 19:02	09/16/11 16:00
Chrysene	8270	mg/kg	0.0013 U	1	0.0013	0.0051	218-01-9	09/20/11 19:20	09/16/11 16:00
Dibenzo(a,h)Anthracene	8270	mg/kg	0.0077 U	1	0.0077	0.031	53-70-3	09/20/11 19:20	09/16/11 16:00
Dibenzofuran	8270	mg/kg	0.32 U	1	0.32	1.3	132-64-9	09/21/11 19:02	09/16/11 16:00
1,2-Dichlorobenzene	8270	mg/kg	0.42 U	1	0.42	1.7	95-50-1	09/21/11 19:02	09/16/11 16:00

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Report of Laboratory Analysis

SunLabs
Project Number
110914.09

Environmental Consulting &
Technology, Inc.
Project Description
Gulf Power Company

September 21, 2011

SunLabs Sample Number **129015**
Sample Designation **SB-5**

Matrix Soil
Date Collected 09/12/11 15:55
Date Received 09/14/11 13:45

Parameters	Method	Units	Results	Dil Factor	MDL	RL	CAS Number	Date/Time Analyzed	Date/Time Prep
Semi-volatile Organic Compounds by Method 8270									
1,3-Dichlorobenzene	8270	mg/kg	0.42 U	1	0.42	1.7	541-73-1	09/21/11 19:02	09/16/11 16:00
1,4-Dichlorobenzene	8270	mg/kg	0.42 U	1	0.42	1.7	106-46-7	09/21/11 19:02	09/16/11 16:00
3,3-Dichlorobenzidine	8270	mg/kg	0.39 U	1	0.39	1.6	91-94-1	09/21/11 19:02	09/16/11 16:00
2,4-Dichlorophenol	8270	mg/kg	0.21 U	1	0.21	0.84	120-83-2	09/21/11 19:02	09/16/11 16:00
1,2-dinitrobenzene	8270	mg/kg	0.43 U	1	0.43	1.7	528-29-0	09/21/11 19:02	09/16/11 16:00
1,3-dinitrobenzene	8270	mg/kg	0.71 U	1	0.71	2.8	99-65-0	09/21/11 19:02	09/16/11 16:00
Diethyl phthalate	8270	mg/kg	0.32 U	1	0.32	1.3	84-66-2	09/21/11 19:02	09/16/11 16:00
Dimethyl phthalate	8270	mg/kg	0.21 U	1	0.21	0.84	131-11-3	09/21/11 19:02	09/16/11 16:00
2,4-Dimethylphenol	8270	mg/kg	0.42 U	1	0.42	1.7	105-67-9	09/21/11 19:02	09/16/11 16:00
Di-n-butylphthalate	8270	mg/kg	0.32 U	1	0.32	1.3	84-74-2	09/21/11 19:02	09/16/11 16:00
2,4-Dinitrophenol	8270	mg/kg	0.42 U	1	0.42	1.7	51-28-5	09/21/11 19:02	09/16/11 16:00
2,4-Dinitrotoluene	8270	mg/kg	0.21 U	1	0.21	0.84	121-14-2	09/21/11 19:02	09/16/11 16:00
2,6-Dinitrotoluene	8270	mg/kg	0.32 U	1	0.32	1.3	606-20-2	09/21/11 19:02	09/16/11 16:00
Di-n-Octylphthalate	8270	mg/kg	0.21 U	1	0.21	0.84	117-84-0	09/21/11 19:02	09/16/11 16:00
1,2-diphenylhydrazine as Azobenzene	8270	mg/kg	0.087 U	1	0.087	0.35	110-33-3	09/21/11 19:02	09/16/11 16:00
Fluoranthene	8270	mg/kg	0.0024 U	1	0.0024	0.0097	206-44-0	09/20/11 19:20	09/16/11 16:00
Fluorene	8270	mg/kg	0.0019 U	1	0.0019	0.0076	86-73-7	09/20/11 19:20	09/16/11 16:00
Hexachlorobenzene	8270	mg/kg	0.21 U	1	0.21	0.84	118-74-1	09/21/11 19:02	09/16/11 16:00
Hexachlorobutadiene	8270	mg/kg	0.32 U	1	0.32	1.3	87-68-3	09/21/11 19:02	09/16/11 16:00
Hexachlorocyclopentadiene	8270	mg/kg	0.21 U	1	0.21	0.84	77-47-4	09/21/11 19:02	09/16/11 16:00
Hexachloroethane	8270	mg/kg	0.42 U	1	0.42	1.7	67-72-1	09/21/11 19:02	09/16/11 16:00
Indeno(1,2,3-cd)pyrene	8270	mg/kg	0.0076 U	1	0.0076	0.031	193-39-5	09/20/11 19:20	09/16/11 16:00
Isophorone	8270	mg/kg	0.21 U	1	0.21	0.84	78-59-1	09/21/11 19:02	09/16/11 16:00
1-Methylnaphthalene	8270	mg/kg	0.0035 U	1	0.0035	0.014	90-12-0	09/20/11 19:20	09/16/11 16:00
2-Methylnaphthalene	8270	mg/kg	0.0029 U	1	0.0029	0.013	91-57-6	09/20/11 19:20	09/16/11 16:00
2-methylphenol	8270	mg/kg	0.21 U	1	0.21	0.84	95-48-7	09/21/11 19:02	09/16/11 16:00
3-methylphenol	8270	mg/kg	0.027 U	1	0.027	0.35	108-39-4	09/21/11 19:02	09/16/11 16:00
4-methylphenol	8270	mg/kg	0.027 U	1	0.027	0.35	8001-28-3	09/21/11 19:02	09/16/11 16:00
Naphthalene	8270	mg/kg	0.0058 U	1	0.0058	0.023	91-20-3	09/20/11 19:20	09/16/11 16:00
m-Nitroaniline	8270	mg/kg	0.42 U	1	0.42	1.7	99-09-2	09/21/11 19:02	09/16/11 16:00
o-Nitroaniline	8270	mg/kg	0.32 U	1	0.32	1.3	88-74-4	09/21/11 19:02	09/16/11 16:00
p-Nitroaniline	8270	mg/kg	0.42 U	1	0.42	1.7	100-01-6	09/21/11 19:02	09/16/11 16:00
Nitrobenzene	8270	mg/kg	0.32 U	1	0.32	1.3	98-95-3	09/21/11 19:02	09/16/11 16:00
4-Nitrophenol	8270	mg/kg	0.32 U	1	0.32	1.3	100-02-7	09/21/11 19:02	09/16/11 16:00
N-nitrosodimethylamine	8270	mg/kg	0.63 U	1	0.63	2.5	62-75-9	09/21/11 19:02	09/16/11 16:00
N-Nitroso-di-n-propylamine	8270	mg/kg	0.32 U	1	0.32	1.3	621-64-7	09/21/11 19:02	09/16/11 16:00
N-nitroso-diphenylamine	8270	mg/kg	0.21 U	1	0.21	0.84	86-30-6	09/21/11 19:02	09/16/11 16:00
Pentachlorophenol	8270	mg/kg	0.21 U	1	0.21	0.84	87-86-5	09/21/11 19:02	09/16/11 16:00
Phenanthrene	8270	mg/kg	0.0029 U	1	0.0029	0.013	85-01-8	09/20/11 19:20	09/16/11 16:00
Phenol	8270	mg/kg	0.42 U	1	0.42	1.7	108-95-2	09/21/11 19:02	09/16/11 16:00
Pyrene	8270	mg/kg	0.0073 U	1	0.0073	0.029	129-00-0	09/20/11 19:20	09/16/11 16:00
2,3,4,6-Tetrachlorophenol	8270	mg/kg	0.12 U	1	0.12	1.1	58-90-2	09/21/11 19:02	09/16/11 16:00

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Report of Laboratory Analysis

SunLabs Project Number
110914.09

Environmental Consulting & Technology, Inc.
Project Description
Gulf Power Company

September 21, 2011

SunLabs Sample Number **129015**
Sample Designation **SB-5**

Matrix Soil
Date Collected 09/12/11 15:55
Date Received 09/14/11 13:45

Parameters	Method	Units	Results	Dil Factor	MDL	RL	CAS Number	Date/Time Analyzed	Date/Time Prep
Semi-volatile Organic Compounds by Method 8270									
1,2,4-Trichlorobenzene	8270	mg/kg	0.32 U	1	0.32	1.3	120-82-1	09/21/11 19:02	09/16/11 16:00
2,4,5-Trichlorophenol	8270	mg/kg	0.21 U	1	0.21	0.84	95-95-4	09/21/11 19:02	09/16/11 16:00
2,4,6-Trichlorophenol	8270	mg/kg	0.32 U	1	0.32	1.3	88-06-2	09/21/11 19:02	09/16/11 16:00
Florida Petroleum Range Organics(C8-C40)									
Date Extracted			09/15/11						09/15/11 11:15
Date Analyzed			09/19/11	1				09/19/11 23:23	
C-39 (40-140)	FLPRO	%	48	1		1.1	DEP-SURR-	09/19/11 23:23	09/15/11 11:15
o-Terphenyl (40-140)	FLPRO	%	74	1		1.1	84-15-1	09/19/11 23:23	09/15/11 11:15
Petroleum Range Organics	FLPRO	mg/kg	5.1 U	1	5.1	20		09/19/11 23:23	09/15/11 11:15
Percent Moisture									
% Moisture	160.3M	%	5			0.11		09/20/11 06:42	
Mercury									
Date Digested	7471		09/15/11						09/15/11 12:20
Date Analyzed	7471		09/16/11	1				09/16/11 16:47	
Mercury	7471	mg/kg	0.014 I	1	0.0063	0.025	7439-97-6	09/16/11 16:47	09/15/11 12:20
PPM Metals by EPA Method 6010									
Date Digested	3050		09/15/11						09/15/11 12:00
Date Analyzed	6010		09/19/11	1				09/19/11 22:11	
Antimony	6010	mg/kg	0.32 U	1	0.32	1.3	7440-36-0	09/19/11 22:11	09/15/11 12:00
Arsenic	6010	mg/kg	0.86	1	0.21	0.84	7440-38-2	09/19/11 22:11	09/15/11 12:00
Beryllium	6010	mg/kg	0.021 U	1	0.021	0.084	7440-41-7	09/19/11 22:11	09/15/11 12:00
Cadmium	6010	mg/kg	0.032 U	1	0.032	0.13	7440-43-9	09/19/11 22:11	09/15/11 12:00
Chromium	6010	mg/kg	4.5	1	0.21	0.84	7440-47-3	09/19/11 22:11	09/15/11 12:00
Copper	6010	mg/kg	1.9	1	0.063	0.25	7440-50-8	09/19/11 22:11	09/15/11 12:00
Lead	6010	mg/kg	2.6	1	0.21	0.84	7439-92-1	09/19/11 22:11	09/15/11 12:00
Nickel	6010	mg/kg	2.4	1	0.11	0.42	7440-02-0	09/19/11 22:11	09/15/11 12:00
Selenium	6010	mg/kg	0.21 U	1	0.21	0.84	7782-49-2	09/19/11 22:11	09/15/11 12:00
Silver	6010	mg/kg	0.21 U	1	0.21	0.84	7440-22-4	09/19/11 22:11	09/15/11 12:00
Thallium	6010	mg/kg	0.11 U	1	0.11	0.42	7440-28-0	09/19/11 22:11	09/15/11 12:00
Zinc	6010	mg/kg	6.8	1	0.16	0.63	7440-66-6	09/19/11 22:11	09/15/11 12:00



Report of Laboratory Analysis

SunLabs
Project Number
110914.09

Environmental Consulting &
Technology, Inc.
Project Description
Gulf Power Company

September 21, 2011

SunLabs Sample Number **129016**
Sample Designation **SB-6**

Matrix Soil
Date Collected 09/12/11 16:30
Date Received 09/14/11 13:45

Parameters	Method	Units	Results	Dil Factor	MDL	RL	CAS Number	Date/Time Analyzed	Date/Time Prep
Volatile Organic Compounds By EPA Method 8260									
Date Analyzed			09/20/11	1				09/20/11 10:02	
4-Bromofluorobenzene (28-135)	8260	%	105	1			DEP-SURR-	09/20/11 10:02	
Dibromofluoromethane (3-179)	8260	%	99	1			1868-53-7	09/20/11 10:02	
Toluene-d8 (49-134)	8260	%	98	1			DEP-SURR-	09/20/11 10:02	
Acetone	8260	mg/kg	0.014 U	1	0.014	0.054	67-64-1	09/20/11 10:02	
Benzene	8260	mg/kg	0.00043 U	1	0.00043	0.0043	71-43-2	09/20/11 10:02	
Bromochloromethane	8260	mg/kg	0.0006 U	1	0.0006	0.0043	74-97-5	09/20/11 10:02	
Bromodichloromethane	8260	mg/kg	0.00043 U	1	0.00043	0.0043	75-27-4	09/20/11 10:02	
Bromoform	8260	mg/kg	0.0006 U	1	0.0006	0.0043	75-25-2	09/20/11 10:02	
Bromomethane	8260	mg/kg	0.0097 U	1	0.0097	0.037	74-83-9	09/20/11 10:02	
2-Butanone	8260	mg/kg	0.011 U	1	0.011	0.044	78-93-3	09/20/11 10:02	
Carbon disulfide	8260	mg/kg	0.00068 U	1	0.00068	0.0043	75-15-0	09/20/11 10:02	
Carbon tetrachloride	8260	mg/kg	0.00089 U	1	0.00089	0.0043	56-23-5	09/20/11 10:02	
Chlorobenzene	8260	mg/kg	0.00051 U	1	0.00051	0.0043	108-90-7	09/20/11 10:02	
Chloroethane	8260	mg/kg	0.00089 U	1	0.00089	0.0043	75-00-3	09/20/11 10:02	
Chloroform	8260	mg/kg	0.00051 U	1	0.00051	0.0043	67-66-3	09/20/11 10:02	
Chloromethane	8260	mg/kg	0.00089 U	1	0.00089	0.0043	74-87-3	09/20/11 10:02	
Dibromochloromethane	8260	mg/kg	0.00089 U	1	0.00089	0.0043	124-48-1	09/20/11 10:02	
Dibromomethane	8260	mg/kg	0.00089 U	1	0.00089	0.0043	74-95-3	09/20/11 10:02	
1,2-Dichlorobenzene	8260	mg/kg	0.00068 U	1	0.00068	0.0043	95-50-1	09/20/11 10:02	
1,3-Dichlorobenzene	8260	mg/kg	0.00076 U	1	0.00076	0.0043	541-73-1	09/20/11 10:02	
1,4-Dichlorobenzene	8260	mg/kg	0.00076 U	1	0.00076	0.0043	106-46-7	09/20/11 10:02	
Dichlorodifluoromethane	8260	mg/kg	0.00089 U	1	0.00089	0.0043	75-71-8	09/20/11 10:02	
1,1-Dichloroethane	8260	mg/kg	0.00076 U	1	0.00076	0.0043	75-34-3	09/20/11 10:02	
1,2-Dichloroethane	8260	mg/kg	0.00034 U	1	0.00034	0.0043	107-06-2	09/20/11 10:02	
1,1-Dichloroethene	8260	mg/kg	0.00089 U	1	0.00089	0.0043	75-35-4	09/20/11 10:02	
cis-1,2-Dichloroethene	8260	mg/kg	0.00051 U	1	0.00051	0.0043	156-59-2	09/20/11 10:02	
trans-1,2-Dichloroethene	8260	mg/kg	0.0006 U	1	0.0006	0.0043	156-60-5	09/20/11 10:02	
1,2-Dichloropropane	8260	mg/kg	0.0006 U	1	0.0006	0.0043	78-87-5	09/20/11 10:02	
1,3-Dichloropropene	8260	mg/kg	0.00089 U	1	0.00089	0.0043	542-75-6	09/20/11 10:02	
Ethylbenzene	8260	mg/kg	0.00034 U	1	0.00034	0.0043	100-41-4	09/20/11 10:02	
2-Hexanone	8260	mg/kg	0.0089 U	1	0.0089	0.034	591-78-6	09/20/11 10:02	
4-Methyl-2-pentanone	8260	mg/kg	0.0068 U	1	0.0068	0.027	108-10-1	09/20/11 10:02	
Methylene chloride	8260	mg/kg	0.0017 U	1	0.0017	0.0068	75-09-2	09/20/11 10:02	
MTBE	8260	mg/kg	0.0006 U	1	0.0006	0.0043	1634-04-4	09/20/11 10:02	
Isopropylbenzene	8260	mg/kg	0.00034 U	1	0.00034	0.0043	98-82-8	09/20/11 10:02	
Styrene	8260	mg/kg	0.0006 U	1	0.0006	0.0043	100-42-5	09/20/11 10:02	
1,1,2,2-Tetrachloroethane	8260	mg/kg	0.00068 U	1	0.00068	0.0043	79-34-5	09/20/11 10:02	
Tetrachloroethene	8260	mg/kg	0.00043 U	1	0.00043	0.0043	127-18-4	09/20/11 10:02	
Toluene	8260	mg/kg	0.0026 U	1	0.0026	0.01	108-88-3	09/20/11 10:02	
Total Xylenes	8260	mg/kg	0.0026 U	1	0.0026	0.01	1330-20-7	09/20/11 10:02	
1,1,1-Trichloroethane	8260	mg/kg	0.00068 U	1	0.00068	0.0043	71-55-6	09/20/11 10:02	

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Report of Laboratory Analysis

SunLabs
Project Number
110914.09

Environmental Consulting &
Technology, Inc.
Project Description
Gulf Power Company

September 21, 2011

SunLabs Sample Number **129016**
Sample Designation **SB-6**

Matrix Soil
Date Collected 09/12/11 16:30
Date Received 09/14/11 13:45

Parameters	Method	Units	Results	Dil Factor	MDL	RL	CAS Number	Date/Time Analyzed	Date/Time Prep
Volatile Organic Compounds By EPA Method 8260									
1,1,2-Trichloroethane	8260	mg/kg	0.00068 U	1	0.00068	0.0043	79-00-5	09/20/11 10:02	
Trichloroethene	8260	mg/kg	0.00068 U	1	0.00068	0.0043	79-01-6	09/20/11 10:02	
Trichlorofluoromethane	8260	mg/kg	0.00068 U	1	0.00068	0.0043	75-69-4	09/20/11 10:02	
1,2,4-Trimethylbenzene	8260	mg/kg	0.00089 U	1	0.00089	0.0043	95-63-6	09/20/11 10:02	
1,3,5-Trimethylbenzene	8260	mg/kg	0.0006 U	1	0.0006	0.0043	108-67-8	09/20/11 10:02	
Vinyl chloride	8260	mg/kg	0.00068 U	1	0.00068	0.0043	75-01-4	09/20/11 10:02	
Semi-volatile Organic Compounds by Method 8270									
Date Extracted	3545a		09/16/11						09/16/11 16:00
Date Analyzed	8270		09/21/11	1				09/21/11 17:24	
2-Fluorobiphenyl (14-119)	8270	%	59	1			321-60-8	09/21/11 17:24	09/16/11 16:00
2-Fluorophenol (19-91)	8270	%	51	1			367-12-4	09/21/11 17:24	09/16/11 16:00
Nitrobenzene-d5 (D-196)	8270	%	53	1			DEP-SURR-	09/21/11 17:24	09/16/11 16:00
Phenol-d6 (26-111)	8270	%	48	1			DEP-SURR-	09/21/11 17:24	09/16/11 16:00
Terphenyl-d14 (D-141)	8270	%	82	1			DEP-SURR-	09/21/11 17:24	09/16/11 16:00
2,4,6-Tribromophenol (25-100)	8270	%	71	1			118-79-6	09/21/11 17:24	09/16/11 16:00
Acenaphthene	8270	mg/kg	0.0022 U	1	0.0022	0.0088	83-32-9	09/20/11 19:38	09/16/11 16:00
Acenaphthylene	8270	mg/kg	0.0023 U	1	0.0023	0.0093	208-96-8	09/20/11 19:38	09/16/11 16:00
Aniline	8270	mg/kg	0.24 U	1	0.24	0.97	62-53-3	09/21/11 17:24	09/16/11 16:00
Anthracene	8270	mg/kg	0.0018 U	1	0.0018	0.0072	120-12-7	09/20/11 19:38	09/16/11 16:00
Benzidine	8270	mg/kg	1.5 U	1	1.5	5.9	92-87-5	09/21/11 17:24	09/16/11 16:00
Benzo(a)anthracene	8270	mg/kg	0.0016 U	1	0.0016	0.0063	56-55-3	09/20/11 19:38	09/16/11 16:00
Benzo(a)Pyrene	8270	mg/kg	0.0021 U	1	0.0021	0.0084	50-32-8	09/20/11 19:38	09/16/11 16:00
Benzo(b)Fluoranthene	8270	mg/kg	0.0028 U	1	0.0028	0.012	205-99-2	09/20/11 19:38	09/16/11 16:00
Benzo(g,h,i)perylene	8270	mg/kg	0.0073 U	1	0.0073	0.029	191-24-2	09/20/11 19:38	09/16/11 16:00
Benzo(k)Fluoranthene	8270	mg/kg	0.002 U	1	0.002	0.008	207-08-9	09/20/11 19:38	09/16/11 16:00
Benzoic Acid	8270	mg/kg	1.1 U	1	1.1	4.2	65-85-0	09/21/11 17:24	09/16/11 16:00
Benzyl Alcohol	8270	mg/kg	0.53 U	1	0.53	2.1	100-51-6	09/21/11 17:24	09/16/11 16:00
Bis(2-Chloroethoxy)methane	8270	mg/kg	0.21 U	1	0.21	0.84	111-91-1	09/21/11 17:24	09/16/11 16:00
Bis(2-chloroethyl)ether	8270	mg/kg	0.32 U	1	0.32	1.3	111-44-4	09/21/11 17:24	09/16/11 16:00
Bis(2-Chloroisopropyl)ether	8270	mg/kg	0.32 U	1	0.32	1.3	39638-32-9	09/21/11 17:24	09/16/11 16:00
Bis(2-Ethylhexyl)Phthalate	8270	mg/kg	0.53 U	1	0.53	2.1	117-81-7	09/21/11 17:24	09/16/11 16:00
Butyl Benzyl Phthalate	8270	mg/kg	0.21 U	1	0.21	0.84	85-68-7	09/21/11 17:24	09/16/11 16:00
Carbazole	8270	mg/kg	0.061 U	1	0.061	0.24	86-74-8	09/21/11 17:24	09/16/11 16:00
4-chloro-3-methylphenol	8270	mg/kg	0.42 U	1	0.42	1.7	59-50-7	09/21/11 17:24	09/16/11 16:00
4-Chloroaniline	8270	mg/kg	1.1 U	1	1.1	4.2	106-47-8	09/21/11 17:24	09/16/11 16:00
2-Chloronaphthalene	8270	mg/kg	0.21 U	1	0.21	0.84	91-58-7	09/21/11 17:24	09/16/11 16:00
2-Chlorophenol	8270	mg/kg	0.42 U	1	0.42	1.7	95-57-8	09/21/11 17:24	09/16/11 16:00
Chrysene	8270	mg/kg	0.0013 U	1	0.0013	0.0051	218-01-9	09/20/11 19:38	09/16/11 16:00
Dibenzo(a,h)Anthracene	8270	mg/kg	0.0077 U	1	0.0077	0.031	53-70-3	09/20/11 19:38	09/16/11 16:00
Dibenzofuran	8270	mg/kg	0.32 U	1	0.32	1.3	132-64-9	09/21/11 17:24	09/16/11 16:00
1,2-Dichlorobenzene	8270	mg/kg	0.42 U	1	0.42	1.7	95-50-1	09/21/11 17:24	09/16/11 16:00

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Report of Laboratory Analysis

SunLabs Project Number
110914.09

Environmental Consulting & Technology, Inc.
Project Description
Gulf Power Company

September 21, 2011

SunLabs Sample Number **129016**
Sample Designation **SB-6**

Matrix Soil
Date Collected 09/12/11 16:30
Date Received 09/14/11 13:45

Parameters	Method	Units	Results	Dil Factor	MDL	RL	CAS Number	Date/Time Analyzed	Date/Time Prep
Semi-volatile Organic Compounds by Method 8270									
1,3-Dichlorobenzene	8270	mg/kg	0.42 U	1	0.42	1.7	541-73-1	09/21/11 17:24	09/16/11 16:00
1,4-Dichlorobenzene	8270	mg/kg	0.42 U	1	0.42	1.7	106-46-7	09/21/11 17:24	09/16/11 16:00
3,3-Dichlorobenzidine	8270	mg/kg	0.39 U	1	0.39	1.6	91-94-1	09/21/11 17:24	09/16/11 16:00
2,4-Dichlorophenol	8270	mg/kg	0.21 U	1	0.21	0.84	120-83-2	09/21/11 17:24	09/16/11 16:00
1,2-dinitrobenzene	8270	mg/kg	0.43 U	1	0.43	1.7	528-29-0	09/21/11 17:24	09/16/11 16:00
1,3-dinitrobenzene	8270	mg/kg	0.71 U	1	0.71	2.8	99-65-0	09/21/11 17:24	09/16/11 16:00
Diethyl phthalate	8270	mg/kg	0.32 U	1	0.32	1.3	84-66-2	09/21/11 17:24	09/16/11 16:00
Dimethyl phthalate	8270	mg/kg	0.21 U	1	0.21	0.84	131-11-3	09/21/11 17:24	09/16/11 16:00
2,4-Dimethylphenol	8270	mg/kg	0.42 U	1	0.42	1.7	105-67-9	09/21/11 17:24	09/16/11 16:00
Di-n-butylphthalate	8270	mg/kg	0.32 U	1	0.32	1.3	84-74-2	09/21/11 17:24	09/16/11 16:00
2,4-Dinitrophenol	8270	mg/kg	0.42 U	1	0.42	1.7	51-28-5	09/21/11 17:24	09/16/11 16:00
2,4-Dinitrotoluene	8270	mg/kg	0.21 U	1	0.21	0.84	121-14-2	09/21/11 17:24	09/16/11 16:00
2,6-Dinitrotoluene	8270	mg/kg	0.32 U	1	0.32	1.3	606-20-2	09/21/11 17:24	09/16/11 16:00
Di-n-Octylphthalate	8270	mg/kg	0.21 U	1	0.21	0.84	117-84-0	09/21/11 17:24	09/16/11 16:00
1,2-diphenylhydrazine as Azobenzene	8270	mg/kg	0.087 U	1	0.087	0.35	110-33-3	09/21/11 17:24	09/16/11 16:00
Fluoranthene	8270	mg/kg	0.0024 U	1	0.0024	0.0097	206-44-0	09/20/11 19:38	09/16/11 16:00
Fluorene	8270	mg/kg	0.0019 U	1	0.0019	0.0076	86-73-7	09/20/11 19:38	09/16/11 16:00
Hexachlorobenzene	8270	mg/kg	0.21 U	1	0.21	0.84	118-74-1	09/21/11 17:24	09/16/11 16:00
Hexachlorobutadiene	8270	mg/kg	0.32 U	1	0.32	1.3	87-68-3	09/21/11 17:24	09/16/11 16:00
Hexachlorocyclopentadiene	8270	mg/kg	0.21 U	1	0.21	0.84	77-47-4	09/21/11 17:24	09/16/11 16:00
Hexachloroethane	8270	mg/kg	0.42 U	1	0.42	1.7	67-72-1	09/21/11 17:24	09/16/11 16:00
Indeno(1,2,3-cd)pyrene	8270	mg/kg	0.0076 U	1	0.0076	0.031	193-39-5	09/20/11 19:38	09/16/11 16:00
Isophorone	8270	mg/kg	0.21 U	1	0.21	0.84	78-59-1	09/21/11 17:24	09/16/11 16:00
1-Methylnaphthalene	8270	mg/kg	0.0035 U	1	0.0035	0.014	90-12-0	09/20/11 19:38	09/16/11 16:00
2-Methylnaphthalene	8270	mg/kg	0.0029 U	1	0.0029	0.013	91-57-6	09/20/11 19:38	09/16/11 16:00
2-methylphenol	8270	mg/kg	0.21 U	1	0.21	0.84	95-48-7	09/21/11 17:24	09/16/11 16:00
3-methylphenol	8270	mg/kg	0.027 U	1	0.027	0.35	108-39-4	09/21/11 17:24	09/16/11 16:00
4-methylphenol	8270	mg/kg	0.027 U	1	0.027	0.35	8001-28-3	09/21/11 17:24	09/16/11 16:00
Naphthalene	8270	mg/kg	0.0058 U	1	0.0058	0.023	91-20-3	09/20/11 19:38	09/16/11 16:00
m-Nitroaniline	8270	mg/kg	0.42 U	1	0.42	1.7	99-09-2	09/21/11 17:24	09/16/11 16:00
o-Nitroaniline	8270	mg/kg	0.32 U	1	0.32	1.3	88-74-4	09/21/11 17:24	09/16/11 16:00
p-Nitroaniline	8270	mg/kg	0.42 U	1	0.42	1.7	100-01-6	09/21/11 17:24	09/16/11 16:00
Nitrobenzene	8270	mg/kg	0.32 U	1	0.32	1.3	98-95-3	09/21/11 17:24	09/16/11 16:00
4-Nitrophenol	8270	mg/kg	0.32 U	1	0.32	1.3	100-02-7	09/21/11 17:24	09/16/11 16:00
N-nitrosodimethylamine	8270	mg/kg	0.63 U	1	0.63	2.5	62-75-9	09/21/11 17:24	09/16/11 16:00
N-Nitroso-di-n-propylamine	8270	mg/kg	0.32 U	1	0.32	1.3	621-64-7	09/21/11 17:24	09/16/11 16:00
N-nitroso-diphenylamine	8270	mg/kg	0.21 U	1	0.21	0.84	86-30-6	09/21/11 17:24	09/16/11 16:00
Pentachlorophenol	8270	mg/kg	0.21 U	1	0.21	0.84	87-86-5	09/21/11 17:24	09/16/11 16:00
Phenanthrene	8270	mg/kg	0.0029 U	1	0.0029	0.013	85-01-8	09/20/11 19:38	09/16/11 16:00
Phenol	8270	mg/kg	0.42 U	1	0.42	1.7	108-95-2	09/21/11 17:24	09/16/11 16:00
Pyrene	8270	mg/kg	0.0073 U	1	0.0073	0.029	129-00-0	09/20/11 19:38	09/16/11 16:00
2,3,4,6-Tetrachlorophenol	8270	mg/kg	0.12 U	1	0.12	1.1	58-90-2	09/21/11 17:24	09/16/11 16:00

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Report of Laboratory Analysis

SunLabs Project Number
110914.09

Environmental Consulting & Technology, Inc.
Project Description
Gulf Power Company

September 21, 2011

SunLabs Sample Number **129016**
Sample Designation **SB-6**

Matrix Soil
Date Collected 09/12/11 16:30
Date Received 09/14/11 13:45

Parameters	Method	Units	Results	Dil Factor	MDL	RL	CAS Number	Date/Time Analyzed	Date/Time Prep
Semi-volatile Organic Compounds by Method 8270									
1,2,4-Trichlorobenzene	8270	mg/kg	0.32 U	1	0.32	1.3	120-82-1	09/21/11 17:24	09/16/11 16:00
2,4,5-Trichlorophenol	8270	mg/kg	0.21 U	1	0.21	0.84	95-95-4	09/21/11 17:24	09/16/11 16:00
2,4,6-Trichlorophenol	8270	mg/kg	0.32 U	1	0.32	1.3	88-06-2	09/21/11 17:24	09/16/11 16:00
Florida Petroleum Range Organics(C8-C40)									
Date Extracted			09/15/11						09/15/11 11:15
Date Analyzed			09/19/11	1				09/19/11 23:40	
C-39 (40-140)	FLPRO	%	43	1		1.1	DEP-SURR-	09/19/11 23:40	09/15/11 11:15
o-Terphenyl (40-140)	FLPRO	%	75	1		1.1	84-15-1	09/19/11 23:40	09/15/11 11:15
Petroleum Range Organics	FLPRO	mg/kg	5.1 U	1	5.1	20		09/19/11 23:40	09/15/11 11:15
Percent Moisture									
% Moisture	160.3M	%	5			0.11		09/20/11 06:42	
Mercury									
Date Digested	7471		09/15/11						09/15/11 12:20
Date Analyzed	7471		09/16/11	1				09/16/11 16:49	
Mercury	7471	mg/kg	0.011 I	1	0.0063	0.025	7439-97-6	09/16/11 16:49	09/15/11 12:20
PPM Metals by EPA Method 6010									
Date Digested	3050		09/15/11						09/15/11 12:00
Date Analyzed	6010		09/19/11	1				09/19/11 22:17	
Antimony	6010	mg/kg	0.32 U	1	0.32	1.3	7440-36-0	09/19/11 22:17	09/15/11 12:00
Arsenic	6010	mg/kg	1.3	1	0.21	0.84	7440-38-2	09/19/11 22:17	09/15/11 12:00
Beryllium	6010	mg/kg	0.021 U	1	0.021	0.084	7440-41-7	09/19/11 22:17	09/15/11 12:00
Cadmium	6010	mg/kg	0.032 U	1	0.032	0.13	7440-43-9	09/19/11 22:17	09/15/11 12:00
Chromium	6010	mg/kg	4.4	1	0.21	0.84	7440-47-3	09/19/11 22:17	09/15/11 12:00
Copper	6010	mg/kg	1.6	1	0.063	0.25	7440-50-8	09/19/11 22:17	09/15/11 12:00
Lead	6010	mg/kg	1.8	1	0.21	0.84	7439-92-1	09/19/11 22:17	09/15/11 12:00
Nickel	6010	mg/kg	2.5	1	0.11	0.42	7440-02-0	09/19/11 22:17	09/15/11 12:00
Selenium	6010	mg/kg	0.21 U	1	0.21	0.84	7782-49-2	09/19/11 22:17	09/15/11 12:00
Silver	6010	mg/kg	0.21 U	1	0.21	0.84	7440-22-4	09/19/11 22:17	09/15/11 12:00
Thallium	6010	mg/kg	0.11 U	1	0.11	0.42	7440-28-0	09/19/11 22:17	09/15/11 12:00
Zinc	6010	mg/kg	5.7	1	0.16	0.63	7440-66-6	09/19/11 22:17	09/15/11 12:00



Report of Laboratory Analysis

SunLabs Project Number
110914.09

Environmental Consulting & Technology, Inc.
Project Description
Gulf Power Company

September 21, 2011

Footnotes

**	<i>Not NELAC certified for this analyte</i>
I	<i>The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.</i>
J	<i>The reported value failed to meet the established quality control criteria for either precision or accuracy(see cover letter for explanation)</i>
LCS	<i>Laboratory Control Sample</i>
LCSD	<i>Laboratory Control Sample Duplicate</i>
MB	<i>Method Blank</i>
MS	<i>Matrix Spike</i>
MSD	<i>Matrix Spike Duplicate</i>
NA	<i>Sample not analyzed at client's request.</i>
p	<i>SunLabs is not currently NELAC certified for this analyte.</i>
Q	<i>Sample held beyond the accepted holding time.</i>
RL	<i>RL(reporting limit) = PQL(practical quantitation limit).</i>
RPD	<i>Relative Percent Difference</i>
U	<i>Compound was analyzed for but not detected.</i>
V	<i>Indicates that the analyte was detected in both the sample and the associated method blank.</i>
Z	<i>Too many colonies were present (TNTC); the numeric value represents the filtration volume.</i>



Quality Control Data

Project Number
110914.09

Environmental Consulting &

Project Description
Gulf Power Company

September 21, 2011

Batch No: **E1766**

Test: **Mercury**

TestCode: Hg-S

Associated Samples

129008, 129009, 129010, 129011, 129012, 129013, 129014, 129015, 129016

Compound	Blank	LCS Spike	LCS %Rec	LCSD %Rec	RPD %	---QC Limits--- RPD	LCS	MS Spike	MS %Rec	MSD %Rec	RPD %	---QC Limits--- RPD	MS	Dup RPD	Qualifiers
Parent Sample Number															
Date Digested	09/15/11 U							129009	129009						
Date Analyzed	09/16/11 U														
Mercury	0.006 U mg/kg	0.5	113	109	4	14	80-120	0.5	109	111	2	20	80-120		

Batch No: **E1776**

Test: **RCRA Metals by EPA Method 6010**

TestCode: 6010-S

Associated Samples

129008, 129009, 129010, 129011, 129012, 129013, 129014, 129015, 129016

Compound	Blank	LCS Spike	LCS %Rec	LCSD %Rec	RPD %	---QC Limits--- RPD	LCS	MS Spike	MS %Rec	MSD %Rec	RPD %	---QC Limits--- RPD	MS	Dup RPD	Qualifiers
Parent Sample Number															
Antimony	0.3 U mg/kg	50	95	92	3	20	80-120	50	76	74 *	3	20	75-125		
Arsenic	0.2 U mg/kg	50	92	94	2	20	80-120	50	92	92	0	20	75-125		
Barium	0.05 U mg/kg	50	98	96	2	20	80-120	50	99	104	5	20	75-125		
Beryllium	0.02 U mg/kg	50	99	94	5	20	80-120	50	98	98	0	20	75-125		
Cadmium	0.03 U mg/kg	50	98	92	6	20	80-120	50	96	97	1	20	75-125		
Chromium	0.2 U mg/kg	50	102	97	5	20	80-120	50	98	99	1	20	75-125		
Copper	0.06 U mg/kg	50	100	98	2	20	80-120	50	103	100	3	20	75-125		
Lead	0.2 U mg/kg	50	98	94	4	20	80-120	50	96	95	1	20	75-125		
Nickel	0.1 U mg/kg	50	99	96	3	20	80-120	50	98	97	1	20	75-125		
Selenium	0.2 U mg/kg	50	93	94	1	20	80-120	50	95	92	3	20	75-125		
Silver	0.2 U mg/kg	50	96	96	0	20	80-120	50	97	95	2	20	75-125		
Thallium	0.1 U mg/kg	50	92	94	2	20	80-120	50	95	94	1	20	75-125		
Zinc	0.15 U mg/kg	50	95	92	3	20	80-120	50	96	97	1	20	75-125		

Batch No: **E1784**

Test: **Florida Petroleum Range Organics(C8-C40)**

TestCode: FIPPro-s

Associated Samples

129008, 129009, 129010, 129011, 129012, 129013, 129014, 129015, 129016

Compound	Blank	LCS Spike	LCS %Rec	LCSD %Rec	RPD %	---QC Limits--- RPD	LCS	MS Spike	MS %Rec	MSD %Rec	RPD %	---QC Limits--- RPD	MS	Dup RPD	Qualifiers
Parent Sample Number															
Date Extracted	09/15/11 U							129013	129013						
Date Analyzed	09/19/11 U														
C-39 (40-140)	26 %														
o-Terphenyl (40-140)	60 %														
Petroleum Range Organics	4.8 U mg/kg	42.5	66	72	9	25	63-143	42.5	66	73	10	25	60-140		

Batch No: **E1800**

Test: **Semi-volatile Organic Compounds by Method 8270**

TestCode: 8270-s

Associated Samples

129008, 129009, 129010, 129011, 129012, 129013, 129014, 129015, 129016

Compound	Blank	LCS Spike	LCS %Rec	LCSD %Rec	RPD %	---QC Limits--- RPD	LCS	MS Spike	MS %Rec	MSD %Rec	RPD %	---QC Limits--- RPD	MS	Dup RPD	Qualifiers
Parent Sample Number															
2-Fluorobiphenyl (14-119)	60 %							129013	129013						
2-Fluorophenol (19-91)	49 %														
Nitrobenzene-d5 (D-196)	51 %														
Phenol-d6 (26-111)	49 %														
Terphenyl-d14 (D-141)	83 %														
2,4,6-Tribromophenol (25-100)	59 %														
Acenaphthene	0.0021 U mg/kg	5.0	70	66	6	24	44-91	5.0	67	67	0	20	35-89		

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Quality Control Data

Project Number
110914.09

Environmental Consulting & Technology, Inc.
Project Description
Gulf Power Company

September 21, 2011

Batch No: **E1800**

Test: **Semi-volatile Organic Compounds by Method 8270**

TestCode: 8270-s

Associated Samples

129008, 129009, 129010, 129011, 129012, 129013, 129014, 129015, 129016

Compound	Blank	LCS Spike	LCS %Rec	LCS D %Rec	RPD %	---QC Limits--- RPD	---QC Limits--- LCS	MS Spike	MS %Rec	MS D %Rec	RPD %	---QC Limits--- RPD	---QC Limits--- MS	Dup RPD	Qualifiers
<i>Parent Sample Number</i>															
Acenaphthylene	0.0022 U mg/kg	5.0	74	70	6	23	47-104	5.0	73	72	1	16	28-104		
Aniline	0.23 U mg/kg	5.0	40	46	14	20	1-71	5.0	33	32	3	16	0-85		
Anthracene	0.0017 U mg/kg	5.0	74	69	7	19	44-101	5.0	75	65	14	20	17-107		
Benzidine	1.4 U mg/kg														
Benzo(a)anthracene	0.0015 U mg/kg	5.0	73	72	1	24	0-194	5.0	79	74	7	52	0-119		
Benzo(a)Pyrene	0.002 U mg/kg	5.0	66	68	3	25	12-124	5.0	67	68	1	69	0-121		
Benzo(b)Fluoranthene	0.0027 U mg/kg	5.0	83	83	0	33	22-140	5.0	87	89	2	40	0-169		
Benzo(g,h,i)perylene	0.0069 U mg/kg	5.0	51	45	12	30	38-120	5.0	60	63	5	56	2-145		
Benzo(k)Fluoranthene	0.0019 U mg/kg	5.0	78	79	1	20	11-151	5.0	76	68	11	40	0-162		
Benzyl Alcohol	0.5 U mg/kg	5.0	55	49	12	30	40-93	5.0	65	65	0	27	27-93		
Bis(2-Chloroethoxy)methane	0.2 U mg/kg	5.0	69	59	16	36	41-91	5.0	68	69	1	27	28-87		
Bis(2-chloroethyl)ether	0.3 U mg/kg	5.0	29 *	25 *	15	45	33-88	5.0	43	43	0	33	3-96		
Bis(2-Chloroisopropyl)ether	0.3 U mg/kg	5.0	62	54	14	37	39-88	5.0	64	62	3	33	28-84		
Bis(2-Ethylhexyl)Phthalate	0.5 U mg/kg	5.0	82	78	5	30	0-194	5.0	72	69	4	45	2-122		
Butyl Benzyl Phthalate	0.2 U mg/kg	5.0	74	78	5	19	0-158	5.0	80	77	4	32	7-121		
Carbazole	0.058 U mg/kg	5.0	88	88	0	13	44-130	5.0	102	89	14	20	19-134		
4-chloro-3-methylphenol	0.4 U mg/kg	5.0	75	70	7	19	45-95	5.0	71	69	3	19	26-103		
4-Chloroaniline	1.0 U mg/kg	5.0	42	46	9	29	12-65	5.0	42	39	7	48	0-88		
2-Chloronaphthalene	0.2 U mg/kg	5.0	76	66	14	27	43-97	5.0	74	73	1	13	28-101		
2-Chlorophenol	0.4 U mg/kg	5.0	64	57	12	31	42-84	5.0	62	61	2	27	29-88		
Chrysene	0.0012 U mg/kg	5.0	83	84	1	19	46-108	5.0	76	79	4	38	29-102		
Dibenzo(a,h)Anthracene	0.0073 U mg/kg	5.0	62	56	10	28	46-113	5.0	66	69	4	47	0-137		
Dibenzofuran	0.3 U mg/kg	5.0	73	68	7	24	49-95	5.0	70	71	1	22	35-92		
1,2-Dichlorobenzene	0.4 U mg/kg	5.0	61	64	5	39	38-86	5.0	64	65	2	33	21-91		
1,3-Dichlorobenzene	0.4 U mg/kg	5.0	59	54	9	39	37-84	5.0	62	62	0	29	20-92		
1,4-Dichlorobenzene	0.4 U mg/kg	5.0	56	60	7	37	35-84	5.0	60	60	0	29	20-85		
3,3-Dichlorobenzidine	0.37 U mg/kg	5.0	64	83	26 *	20	0-299	5.0	47	41	14	99	0-204		
2,4-Dichlorophenol	0.2 U mg/kg	5.0	74	63	16	28	42-86	5.0	68	69	1	26	25-93		
1,3-dinitrobenzene	0.67 U mg/kg														
Diethyl phthalate	0.3 U mg/kg	5.0	70	69	1	14	44-104	5.0	79	72	9	21	30-100		
Dimethyl phthalate	0.2 U mg/kg	5.0	78	77	1	15	47-110	5.0	80	75	6	15	25-110		
2,4-Dimethylphenol	0.4 U mg/kg	5.0	63	54	15	27	0-87	5.0	44	42	5	67	4-84		
Di-n-butylphthalate	0.3 U mg/kg	5.0	77	73	5	25	39-109	5.0	74	68	8	20	7-119		
2,4-Dinitrophenol	0.4 U mg/kg	5.0	73	76	4	19	0-123	5.0	30	31	3	29	0-62		
2,4-Dinitrotoluene	0.2 U mg/kg	5.0	80	79	1	20	50-111	5.0	92	82	11	19	23-120		
2,6-Dinitrotoluene	0.3 U mg/kg	5.0	85	75	12	17	50-105	5.0	90	83	8	15	27-111		
Di-n-Octylphthalate	0.2 U mg/kg	5.0	80	79	1	32	41-119	5.0	88	73	19	22	0-126		
1,2-diphenylhydrazine as Azobenzene	0.083 U mg/kg	5.0	74	76	3	17	43-107	5.0	76	75	1	18	30-99		
Fluoranthene	0.0023 U mg/kg	5.0	80	82	2	18	38-118	5.0	90	78	14	19	0-245		
Fluorene	0.0018 U mg/kg	5.0	82	81	1	18	45-100	5.0	80	80	0	19	35-95		
Hexachlorobenzene	0.2 U mg/kg	5.0	70	68	3	15	47-105	5.0	72	68	6	20	22-112		
Hexachlorobutadiene	0.3 U mg/kg	5.0	66	57	15	38	36-90	5.0	63	64	2	32	20-90		
Hexachlorocyclopentadiene	0.2 U mg/kg	5.0	67	58	14	43	25-88	5.0	68	68	0	34	0-92		
Hexachloroethane	0.4 U mg/kg	5.0	59	51	15	38	34-81	5.0	59	62	5	34	14-91		
Indeno(1,2,3-cd)pyrene	0.0072 U mg/kg	5.0	60	55	9	26	45-114	5.0	63	66	5	43	4-136		
Isophorone	0.2 U mg/kg	5.0	71	62	14	31	38-102	5.0	68	68	0	24	21-105		
1-Methylnaphthalene	0.0033 U mg/kg	5.0	73	65	12	28	45-94	5.0	69	69	0	23	26-96		
2-Methylnaphthalene	0.0028 U mg/kg	5.0	71	62	14	28	40-94	5.0	67	68	1	23	28-90		
2-methylphenol	0.2 U mg/kg	5.0	68	60	12	29	37-83	5.0	60	59	2	29	25-87		
3-methylphenol	0.026 U mg/kg														
4-methylphenol	0.026 U mg/kg	5.0	63	55	14	29	20-116	5.0	59	59	0	31	11-122		
Naphthalene	0.0055 U mg/kg	5.0	66	58	13	33	42-88	5.0	64	65	2	27	31-86		



Quality Control Data

Project Number
110914.09

Environmental Consulting & Technology, Inc.
Project Description
Gulf Power Company

September 21, 2011

Batch No: E1800

Test: Semi-volatile Organic Compounds by Method 8270

TestCode: 8270-s

Associated Samples

129008, 129009, 129010, 129011, 129012, 129013, 129014, 129015, 129016

Compound	Blank	LCS Spike	LCS %Rec	LCS D %Rec	RPD %	---QC Limits--- RPD	LCS	MS Spike	MS %Rec	MS D %Rec	RPD %	---QC Limits--- RPD	MS	Dup RPD	Qualifiers
<i>Parent Sample Number</i>															
m-Nitroaniline	0.4 U mg/kg	5.0	87	83	5	27	37-101	5.0	89	82	8	24	0-135		
o-Nitroaniline	0.3 U mg/kg	5.0	80	77	4	16	31-113	5.0	85	79	7	17	28-106		
p-Nitroaniline	0.4 U mg/kg	5.0	89	98	10	20	15-166	5.0	138	119	15	20	0-151		
Nitrobenzene	0.3 U mg/kg	5.0	61	51	18	32	40-90	5.0	62	63	2	28	25-90		
4-Nitrophenol	0.3 U mg/kg	5.0	89	77	14	20	31-115	5.0	106	97	9	26	15-118		
N-nitrosodimethylamine	0.6 U mg/kg	5.0	73	59	21	25	28-95	5.0	64	75	16	34	0-156		
N-Nitroso-di-n-propylamine	0.3 U mg/kg	5.0	62	53	16	30	40-88	5.0	65	64	2	30	26-84		
N-nitroso-diphenylamine	0.2 U mg/kg														
Pentachlorophenol	0.2 U mg/kg	5.0	81	82	1	20	0-145	5.0	84	78	7	19	20-110		
Phenanthrene	0.0028 U mg/kg	5.0	71	70	1	19	49-103	5.0	71	67	6	34	37-95		
Phenol	0.4 U mg/kg	5.0	64	61	5	30	35-94	5.0	63	58	8	21	23-94		
Pyrene	0.0069 U mg/kg	5.0	77	73	5	17	33-115	5.0	79	81	2	17	0-198		
2,3,4,6-Tetrachlorophenol	0.11 U mg/kg														
1,2,4-Trichlorobenzene	0.3 U mg/kg	5.0	65	57	13	36	38-82	5.0	63	64	2	28	23-86		
2,4,5-Trichlorophenol	0.2 U mg/kg	5.0	75	73	3	22	38-109	5.0	72	70	3	21	17-110		
2,4,6-Trichlorophenol	0.3 U mg/kg	5.0	75	68	10	15	31-101	5.0	72	70	3	16	25-102		

Batch No: E1804

Test: Percent Moisture

TestCode: % Moisture

Associated Samples

129008, 129009, 129010, 129011, 129012, 129013, 129014, 129015, 129016

Compound	Blank	LCS Spike	LCS %Rec	LCS D %Rec	RPD %	---QC Limits--- RPD	LCS	MS Spike	MS %Rec	MS D %Rec	RPD %	---QC Limits--- RPD	MS	Dup RPD	Qualifiers
<i>Parent Sample Number</i>															
% Moisture														129097 3	

Batch No: E1807

Test: Volatile Organic Compounds By EPA Method 8260

TestCode: 8260-S-LL

Associated Samples

129008, 129009, 129010, 129011, 129012

Compound	Blank	LCS Spike	LCS %Rec	LCS D %Rec	RPD %	---QC Limits--- RPD	LCS	MS Spike	MS %Rec	MS D %Rec	RPD %	---QC Limits--- RPD	MS	Dup RPD	Qualifiers
<i>Parent Sample Number</i>															
4-Bromofluorobenzene (28-135)	99 %														
Dibromofluoromethane (3-179)	100 %														
Toluene-d8 (49-134)	98 %														
Acetone	0.016 U mg/kg	1.0	104	111	7	16	60-142	0.4	142	176 *	21 *	20	56-160		
Benzene	0.0005 U mg/kg	0.1	95	93	2	11	78-124	0.04	77	76	1	20	56-133		
Bromochloromethane	0.0007 U mg/kg	0.1	93	95	2	20	76-114	0.04	80	85	6	20	76-114		
Bromodichloromethane	0.0005 U mg/kg	0.1	103	103	0	20	91-115	0.04	91	94	3	20	57-131		
Bromoform	0.0007 U mg/kg	0.1	111	114	3	20	80-120	0.04	104	111	7	20	71-112		
Bromomethane	0.011 U mg/kg	0.1	92	95	3	14	62-141	0.04	61	72	17	20	6-201		
2-Butanone	0.013 U mg/kg	1.0	90	95	5	14	61-135	0.4	113	135	18	20	0-192		
Carbon disulfide	0.0008 U mg/kg	0.1	102	96	6	20	77-120	0.04	80	78	3	20	55-133		
Carbon tetrachloride	0.001 U mg/kg	0.1	117	115	2	8	80-120	0.04	95	89	7	20	56-128		
Chlorobenzene	0.0006 U mg/kg	0.1	110	108	2	6	86-113	0.04	93	95	2	20	76-109		
Chloroethane	0.001 U mg/kg	0.1	90	89	1	20	69-128	0.04	64	65	2	20	30-148		
Chloroform	0.0006 U mg/kg	0.1	98	98	0	20	84-124	0.04	80	81	1	20	65-124		
Chloromethane	0.001 U mg/kg	0.1	101	99	2	12	66-127	0.04	71	73	3	20	48-132		
Dibromochloromethane	0.001 U mg/kg	0.1	103	106	3	20	86-116	0.04	92	96	4	20	50-134		
Dibromomethane	0.001 U mg/kg	0.1	99	101	2	20	84-113	0.04	95	94	1	20	60-130		
1,2-Dichlorobenzene	0.0008 U mg/kg	0.1	103	100	3	20	84-115	0.04	89	95	7	20	57-118		

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Quality Control Data

Project Number
110914.09

Environmental Consulting & Technology, Inc.
Project Description
Gulf Power Company

September 21, 2011

Batch No: **E1807**

Test: **Volatile Organic Compounds By EPA Method 8260**

TestCode: 8260-S-LL

Associated Samples

129008, 129009, 129010, 129011, 129012

Compound	Blank	LCS Spike	LCS %Rec	LCS D %Rec	RPD %	---QC Limits---		MS Spike	MS %Rec	MS D %Rec	RPD %	---QC Limits---		Dup RPD	Qualifiers
						RPD	LCS					RPD	MS		
<i>Parent Sample Number</i>								128926	128926						
1,3-Dichlorobenzene	0.0009 U mg/kg	0.1	111	110	1	9	75-127	0.04	95	96	1	20	31-132		
1,4-Dichlorobenzene	0.0009 U mg/kg	0.1	108	102	6	20	84-115	0.04	91	93	2	20	56-124		
Dichlorodifluoromethane	0.001 U mg/kg	0.1	129 *	125 *	3	20	75-120	0.04	94	90	4	20	67-120		
1,1-Dichloroethane	0.0009 U mg/kg	0.1	99	97	2	10	76-118	0.04	82	81	1	20	61-129		
1,2-Dichloroethane	0.0004 U mg/kg	0.1	97	98	1	20	83-129	0.04	85	87	2	20	54-132		
1,1-Dichloroethene	0.001 U mg/kg	0.1	113	108	5	10	77-119	0.04	89	85	5	20	56-134		
cis-1,2-Dichloroethene	0.0006 U mg/kg	0.1	101	100	1	8	78-117	0.04	85	83	2	20	62-124		
trans-1,2-Dichloroethene	0.0007 U mg/kg	0.1	107	103	4	9	78-118	0.04	85	84	1	20	61-128		
1,2-Dichloropropane	0.0007 U mg/kg	0.1	98	98	0	8	78-119	0.04	89	88	1	20	58-131		
1,3-Dichloropropene	0.001 U mg/kg	0.1	112	113	1	20	89-120	0.04	100	104	4	20	60-123		
Ethylbenzene	0.0004 U mg/kg	0.1	114	111	3	7	91-118	0.04	97	97	0	20	65-122		
2-Hexanone	0.01 U mg/kg	1.0	92	101	9	21	79-142	0.4	108	127	16	20	26-175		
4-Methyl-2-pentanone	0.008 U mg/kg	1.0	93	100	7	20	77-125	0.4	97	110	13	20	25-188		
Methylene chloride	0.002 U mg/kg	0.1	93	94	1	10	77-118	0.04	76	73	4	20	29-164		
MTBE	0.0007 U mg/kg	0.1	104	108	4	20	76-116	0.04	99	102	3	20	68-134		
Isopropylbenzene	0.0004 U mg/kg	0.1	120	116	3	10	84-125	0.04	104	103	1	20	45-127		
Styrene	0.0007 U mg/kg	0.1	118	117	1	7	83-124	0.04	101	102	1	20	65-116		
1,1,2,2-Tetrachloroethane	0.0008 U mg/kg	0.1	109	108	1	20	79-113	0.04	95	97	2	20	43-143		
Tetrachloroethene	0.0005 U mg/kg	0.1	119	113	5	11	76-122	0.04	104	100	4	20	31-160		
Toluene	0.003 U mg/kg	0.1	109	107	2	7	87-118	0.04	97	95	2	20	51-130		
Total Xylenes	0.003 U mg/kg	0.3	117	114	3	9	90-121	0.12	99	100	1	20	68-122		
1,1,1-Trichloroethane	0.0008 U mg/kg	0.1	113	110	3	7	82-117	0.04	93	88	6	20	65-125		
1,1,2-Trichloroethane	0.0008 U mg/kg	0.1	99	102	3	20	89-118	0.04	93	98	5	20	48-137		
Trichloroethene	0.0008 U mg/kg	0.1	112	109	3	7	84-113	0.04	96	90	6	20	61-129		
Trichlorofluoromethane	0.0008 U mg/kg	0.1	104	88	17 *	16	72-129	0.04	75	74	1	20	39-150		
1,2,4-Trimethylbenzene	0.001 U mg/kg	0.1	113	110	3	11	80-130	0.04	97	98	1	20	35-132		
1,3,5-Trimethylbenzene	0.0007 U mg/kg	0.1	118	114	3	9	79-130	0.04	100	100	0	20	7-172		
Vinyl chloride	0.0008 U mg/kg	0.1	98	94	4	14	75-120	0.04	69	68	1	20	55-132		

Batch No: **E1855**

Test: **Volatile Organic Compounds By EPA Method 8260**

TestCode: 8260-S-LL

Associated Samples

129013, 129014, 129015, 129016

Compound	Blank	LCS Spike	LCS %Rec	LCS D %Rec	RPD %	---QC Limits---		MS Spike	MS %Rec	MS D %Rec	RPD %	---QC Limits---		Dup RPD	Qualifiers
						RPD	LCS					RPD	MS		
<i>Parent Sample Number</i>								129230							
4-Bromofluorobenzene (28-135)	101 %														
Dibromofluoromethane (3-179)	97 %														
Toluene-d8 (49-134)	99 %														
Acetone	0.016 U mg/kg	1.0	100	100	0	16	60-142	1.0	106				56-160		
Benzene	0.0005 U mg/kg	0.1	99	92	7	11	78-124	0.1	99				56-133		
Bromochloromethane	0.0007 U mg/kg	0.1	104	100	4	20	76-114	0.1	100				76-114		
Bromodichloromethane	0.0005 U mg/kg	0.1	107	107	0	20	91-115	0.1	107				57-131		
Bromoform	0.0007 U mg/kg	0.1	117	120	3	20	80-120	0.1	114 *				71-112		
Bromomethane	0.011 U mg/kg	0.1	107	106	1	14	62-141	0.1	89				6-201		
2-Butanone	0.013 U mg/kg	1.0	100	111	10	14	61-135	1.0	100				0-192		
Carbon disulfide	0.0008 U mg/kg	0.1	95	86	10	20	77-120	0.1	93				55-133		
Carbon tetrachloride	0.001 U mg/kg	0.1	113	104	8	8	80-120	0.1	120				56-128		
Chlorobenzene	0.0006 U mg/kg	0.1	106	100	6	6	86-113	0.1	108				76-109		
Chloroethane	0.001 U mg/kg	0.1	88	81	8	20	69-128	0.1	84				30-148		
Chloroform	0.0006 U mg/kg	0.1	103	99	4	20	84-124	0.1	100				65-124		
Chloromethane	0.001 U mg/kg	0.1	103	97	6	12	66-127	0.1	104				48-132		

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Quality Control Data

Project Number
110914.09

Environmental Consulting & Technology, Inc.
Project Description
Gulf Power Company

September 21, 2011

Batch No: **E1855**

Test: **Volatile Organic Compounds By EPA Method 8260**

TestCode: 8260-S-LL

Associated Samples
129013, 129014, 129015, 129016

Compound	Blank	LCS Spike	LCS %Rec	LCSD %Rec	RPD %	---QC Limits---		MS Spike	MS %Rec	MSD %Rec	RPD %	---QC Limits---		Dup RPD	Qualifiers
						RPD	LCS					RPD	MS		
<i>Parent Sample Number</i>															
Dibromochloromethane	0.001 U mg/kg	0.1	113	113	0	20	86-116	0.1	110				50-134		
Dibromomethane	0.001 U mg/kg	0.1	108	110	2	20	84-113	0.1	105				60-130		
1,2-Dichlorobenzene	0.0008 U mg/kg	0.1	99	96	3	20	84-115	0.1	107				57-118		
1,3-Dichlorobenzene	0.0009 U mg/kg	0.1	108	101	7	9	75-127	0.1	120				31-132		
1,4-Dichlorobenzene	0.0009 U mg/kg	0.1	95	93	2	20	84-115	0.1	111				56-124		
Dichlorodifluoromethane	0.001 U mg/kg	0.1	112	106	6	20	75-120	0.1	118				67-120		
1,1-Dichloroethane	0.0009 U mg/kg	0.1	100	96	4	10	76-118	0.1	101				61-129		
1,2-Dichloroethane	0.0004 U mg/kg	0.1	108	104	4	20	83-129	0.1	102				54-132		
1,1-Dichloroethene	0.001 U mg/kg	0.1	103	97	6	10	77-119	0.1	106				56-134		
cis-1,2-Dichloroethene	0.0006 U mg/kg	0.1	105	98	7	8	78-117	0.1	103				62-124		
trans-1,2-Dichloroethene	0.0007 U mg/kg	0.1	101	96	5	9	78-118	0.1	102				61-128		
1,2-Dichloropropane	0.0007 U mg/kg	0.1	107	101	6	8	78-119	0.1	104				58-131		
1,3-Dichloropropene	0.001 U mg/kg	0.1	114	115	1	20	89-120	0.1	117				60-123		
Ethylbenzene	0.0004 U mg/kg	0.1	106	100	6	7	91-118	0.1	109				65-122		
2-Hexanone	0.01 U mg/kg	1.0	108	123	13	21	79-142	1.0	110				26-175		
4-Methyl-2-pentanone	0.008 U mg/kg	1.0	112	126 *	12	20	77-125	1.0	112				25-188		
Methylene chloride	0.002 U mg/kg	0.1	97	94	3	10	77-118	0.1	93				29-164		
MTBE	0.0007 U mg/kg	0.1	107	121 *	12	20	76-116	0.1	109				68-134		
Isopropylbenzene	0.0004 U mg/kg	0.1	111	103	7	10	84-125	0.1	116				45-127		
Styrene	0.0007 U mg/kg	0.1	113	105	7	7	83-124	0.1	112				65-116		
1,1,2,2-Tetrachloroethane	0.0008 U mg/kg	0.1	110	105	5	20	79-113	0.1	110				43-143		
Tetrachloroethene	0.0005 U mg/kg	0.1	117	108	8	11	76-122	0.1	114				31-160		
Toluene	0.003 U mg/kg	0.1	107	102	5	7	87-118	0.1	108				51-130		
Total Xylenes	0.003 U mg/kg	0.3	110	103	7	9	90-121	0.3	113				68-122		
1,1,1-Trichloroethane	0.0008 U mg/kg	0.1	106	99	7	7	82-117	0.1	107				65-125		
1,1,2-Trichloroethane	0.0008 U mg/kg	0.1	109	110	1	20	89-118	0.1	107				48-137		
Trichloroethene	0.0008 U mg/kg	0.1	103	97	6	7	84-113	0.1	102				61-129		
Trichlorofluoromethane	0.0008 U mg/kg	0.1	81	75	8	16	72-129	0.1	83				39-150		
1,2,4-Trimethylbenzene	0.001 U mg/kg	0.1	107	99	8	11	80-130	0.1	115				35-132		
1,3,5-Trimethylbenzene	0.0007 U mg/kg	0.1	108	100	8	9	79-130	0.1	114				7-172		
Vinyl chloride	0.0008 U mg/kg	0.1	100	91	9	14	75-120	0.1	102				55-132		

* indicates value is outside control limits for %Recovery or greater than acceptance criteria for RPD

Footnotes

- J The reported value failed to meet the established quality control criteria for either precision or accuracy(see cover letter for explanation)
- U Compound was analyzed for but not detected.

SunLabs, Inc. Chain of Custody

Client Name:

EGT

Contact:

Kathy Kitanowski

Address:

Phone / Fax:

E-Mail:

SunLabs Project #

170914.09

Project Name:

NO 30061
Full Power

Bottle Type	6W	S	S
Preservative	VS	EH	
Matrix	SO	SO	SO
Analysis / Method Requested	8260 VOC	8270 SV	FLAQA/PM

Due Date Requested*:

FDEP Pre-approval site

Cash rates

ADAPT EDD

Remarks / Comments:

SB-1S - 1403
Peer Kathy

SunLabs Sample #	Sample Description	Sampled		# of Bottles	Date	Time	Matrix	Analysis / Method Requested	Length of Record Retention if other than 5 years.*
		Date	Time						
129009	SB-1S	9/13/11	14:05	*1					
129010	SB-1D		14:20	1					
129011	SB-2S		14:45	1					
129012	SB-2D		15:00	1					
129013	SB-3S		15:15	1					
129014	SB-3D		15:30	1					
129015	SB-4		15:30	1					
129016	SB-5		15:55	1					
129017	SB-6		16:30	1					

Sampler Signature / Date:

Ashley J. Keough 9/13/11

Printed Name / Affiliation:

Ashley J. Keough - Gulf Power

Relinquished By:

[Signature]

Relinquished To:

UPS

Date:

9/17/11

Time:

Relinquished By:

[Signature]

Relinquished To:

EGT

Date:

9/13/11

Time:

3:45PM

Relinquished By:

[Signature]

Relinquished To:

[Signature]

Date:

9/14/11

Time:

13:45

Matrix Codes:

SO = Soil
SOL = Solid
A = Air
DW = Drinking Water
SW = Surface Water
GW = Ground Water
W = Water (Blanks)
SE = Sediment
O = Other (Specify)

Internal Use Only

Temp upon receipt: 4.8 °C

Received on Ice? Y N / NA

Preservative Codes:

H = Hydrochloric Acid + Ice
I = Ice only
N = Nitric Acid + Ice
B = Sodium bisulfite + Ice
S = Sulfuric Acid + Ice
VS = MeOH, OPW, + Ice
T = Sodium thiosulfate + Ice
O = Other (Specify)

Internal Use Only

Sample Condition Upon Receipt:

Custody Seals present? Y N / NA
Custody Seals intact? Y N / NA
Shipping Bills attached? Y N / NA
Sample containers intact? Y N / NA
Samples within holding times? Y N / NA
Sufficient volume for all analyses? Y N / NA
Are vials head-space free? Y N / NA
Proper containers and preservatives? Y N / NA

SUNLABS, INC. RESERVES THE RIGHT TO BILL FOR DISPOSAL OF UNUSED/ UNRETURNED SAMPLES AND TO RETURN UNUSED SAMPLES.

Relinquished By: [Signature] Date: 9/17/11 Time: [Blank]

Relinquished To: UPS Date: 9/17/11 Time: [Blank]

Relinquished By: [Signature] Date: 9/13/11 Time: 3:45PM

Relinquished To: EGT Date: 9/13/11 Time: 3:45PM

Relinquished By: [Signature] Date: 9/14/11 Time: 13:45

Relinquished To: [Signature] Date: 9/14/11 Time: 13:45

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