CATLIN
Engineers and Scientists

Post Office Box 10279
Wilmington, North Carolina 28404-0279

Telephone: (910) 452-5861
Fax: (910) 452-7563

www.catlinusa.com

Date: October 12, 2012

REC PROGRAM QUARTERLY STATUS UPDATE
Coca-Cola Bottling Co. Consolidated
Former Vehicle Maintenance Facility
1002 Princess Street
Wilmington
New Hanover County, NC
Site ID No. NONCD 000 2851
CATLIN Project No. 208069

ADMINISTRATIVE AGREEMENT
FOR REGISTERED ENVIRONMENTAL
CONSULTANT-DIRECTED ASSESSMENT AND REMEDIAL ACTION
PURSUANT TO N.C.G.S. 130A-310.9(C) and 15A NCAC 13C.0300.
REC-AA (REV. 12/16/10)
DOCKET NUMBER 10-SF-329
Effective Date June 4, 2010

STATUS UPDATE:

The following is provided as the October 2012, status update for the above-referenced project.
In attempt to minimize analytical costs a phased approach was proposed in the Remedial Investigation (RI) Work Plan. The initial fieldwork proposed in the work plan was conducted and results were submitted in the January 2012 Status Report, as well as recommendations for additional sampling. Additional sampling was conducted in April 2012 to establish background levels for selected metals. Attached Figure 1 provides boring locations, sample results and calculated background concentrations for the selected metals. Based on the five (5) background soil sample results for metals, it is proposed that background soil sample results for Arsenic, Chromium IV, and Manganese be used for delineation at the site.

In June 2012, additional soil samples were collected in an attempt to further delineate Tetrachloroethene, semi volatile compounds and selected metals. Figure 2 provides boring locations and analytical results for the samples collected for delineation purposes. Based on analysis of collected data CATLIN proposes using Synthetic Precipitation Leaching Procedure (SPLP) to delineate Tetrachloroethene hot spot areas to Protection of Groundwater Preliminary Soil Remediation Goals.

Review of the data indicates EPA Method 8260 concentrations for Tetrachloroethene in samples SB02 (1.0-2.0) and SB02 (2.0-3.0) are 229 micrograms per kilogram (ug/kg) and 298 ug/kg respectively. The SPLP analysis of the these samples indicates resulting concentrations of 0.330 micrograms per liter (ug/l) and 0.540 ug/l which are below the

groundwater quality standard established in the North Carolina Administrative Code Title 15A Subchapter 2L (2L GWQS) of 0.7ug/l. The Tetrachloroethene (total) concentrations of 298 ug/kg detected in SB02 (2.0-3.0) is considered to be sufficiently below the concentration level that is protective of groundwater at the site. Therefore, it is proposed that soil samples with Tetrachloroethene concentrations of 298 ug/kg or less are to be considered sufficient for delineating Tetrachloroethene impacts for protection of groundwater. Based on recent (June 2012) and previous (August 2011) soil sample results, Tetrachloroethene impacts have been delineated to less than the Preliminary Residential Health Based Soil Remediation Goals and the Protection of Groundwater Preliminary Soil Remediation Goals around the "hot spot"/source area near boring s SB-10 and SB-17.

Soil samples collected in June 2012 in an attempt to delineate metals and Poly Aromatic Hydrocarbons (PAHs) revealed concentrations above the lowest SRGs. Fourteen additional borings for soil sample collection are proposed to delineate PAH and metal impacts below the lowest Soil Remediation Goals.

We are currently evaluating additional boring locations and required analytical methodology. CATLIN and Coca Cola Bottling Company Consolidated personnel will submit a figure with proposed boring locations and analytical methods as a *Remedial Investigation Workplan* figure addendum in attempt to delineate soil contaminants.

Work is progressing in a manner to achieve the mandatory work phase completion deadlines set out in 15A NCAC 13C.0302 (h).

G. Richard Garrett, PG
Registered Site Manager

Benjamin J. Ashba, PG
Project Geologist

REC PROGRAM DOCUMENT CERTIFICATION FORM - PAGE 1 OF 2
IHSB SITE NAME Coca-Cola Bottling Facility,Wilmington,New Hanover Cnty,NC Site ID# NONCD0002851
DATE & NAME OF DOCUMENT 10/12/12 Status Report
TYPE OF SUBMITTAL (circle all that apply): Report, Workplan, Work Phase Comp. Statement, Schedule Change

REMEDIATING PARTY DOCUMENT CERTIFICATION STATEMENT (.0306(B)(2))

"I certify under penalty of law that I have personally examined and am familiar with the information contained in this submittal, including any and all documents accompanying this certification, and that, based on my inquiry of those individuals immediately responsible for obtaining the information, the material and information contained herein is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for willfully submitting false, inaccurate or incomplete information."

CCBC of Wilmington, Inc.
Name of Remediating Party

Doug Leonard
Signature of Remediating Party

10/15/12
Date

NOTARIZATION

North Carolina (Enter State)

Mecklenburg COUNTY

I, Angela Pulley, a Notary Public of said County and State, do hereby certify that Doug Leonard did personally appear and sign before me this day, produced proper identification in the form of Drivers Liscense, was duly sworn or affirmed, and declared that, he or she is the duly authorized environmental consultant of the remediating party of the property referenced above and that, to the best of his or her knowledge and belief, after thorough investigation, the information contained in the above certifications is true and accurate, and he or she then signed these Certifications in my presence.

WITNESS my hand and official seal this 15 day of October, 2012.

Angela B. Pulley
Notary Public (signature)

Angela B. Pulley
My commission expires: 8/12/2017

(OFFICIAL SEAL)
ANGELA B. PULLEY
NOTARY PUBLIC
MECKLENBURG COUNTY, NC

Document Certification Form No. DC - I
(Revised 3/11)

REC PROGRAM DOCUMENT CERTIFICATION FORM - PAGE 2 OF 2
IHSB SITE NAME Coca-Cola Bottling Facility,Wilmington,New Hanover Cnty,NC
DATE & NAME OF DOCUMENT 10/12/12 Status Report Site ID# NONCD0002851
TYPE OF SUBMITTAL (circle all that apply): Report, Workplan, Work Phase Comp. Statement, Schedule Change

REGISTERED SITE MANAGER CERTIFICATION OF SIGNATURES

As the Registered Environmental Consultant for the Site for which this filing is made, I certify that the signatures included herewith are genuine and authentic original handwritten signatures and/or true, accurate, and complete copies of the genuine and authentic original handwritten signatures of the persons who purport to sign for this filing. I further certify that I have collected through reliable means the originals and/or copies of said signatures from the persons authorized to sign for this filing who, in fact, signed the originals thereof. Those persons and I understand and agree that any copies of signatures have the same legally binding effect as original handwritten signatures, and I certify that any person for whom I am submitting a copy of their signature has provided me with their express consent to submit said copy. Additionally, I certify that I am authorized to attest to the genuineness and authenticity of the signatures, both originals and any copies, being submitted herewith and that by signing below, I do in fact attest to the genuineness and authenticity of all the signatures, both originals and copies, being submitted for this filing.

G. Richard Garrett
Name of Registered Site Manager

GR Garrett
Signature of Registered Site Manager

10/23/12
Date

REGISTERED SITE MANAGER DOCUMENT CERTIFICATION STATEMENT (.0306(b)(1))

"I certify under penalty of law that I am personally familiar with the information contained in this submittal, including any and all supporting documents accompanying this certification, and that the material and information contained herein is, to the best of my knowledge and belief, true, accurate and complete and complies with the Inactive Hazardous Sites Response Act G.S. 130A-310, et seq, and the remedial action program Rules 15A NCAC 13C .0300. I am aware that there are significant penalties for willfully submitting false, inaccurate or incomplete information."

G. Richard Garrett
Name of Registered Site Manager

GR Garrett
Signature of Registered Site Manager

10/23/12
Date

NOTARIZATION

North Carolina (Enter State)

New Hanover COUNTY

I, Sheila H. Smith, a Notary Public of said County and State, do hereby certify that G.R. Garrett did personally appear and sign before me this day, produced proper identification in the form of drivers license, was duly sworn or affirmed, and declared that, he or she is the duly authorized environmental consultant of the remediating party of the property referenced above and that, to the best of his or her knowledge and belief, after thorough investigation, the information contained in the above certifications is true and accurate, and he or she then signed these Certifications in my presence.

WITNESS my hand and official seal this 23rd day of October, 2012.

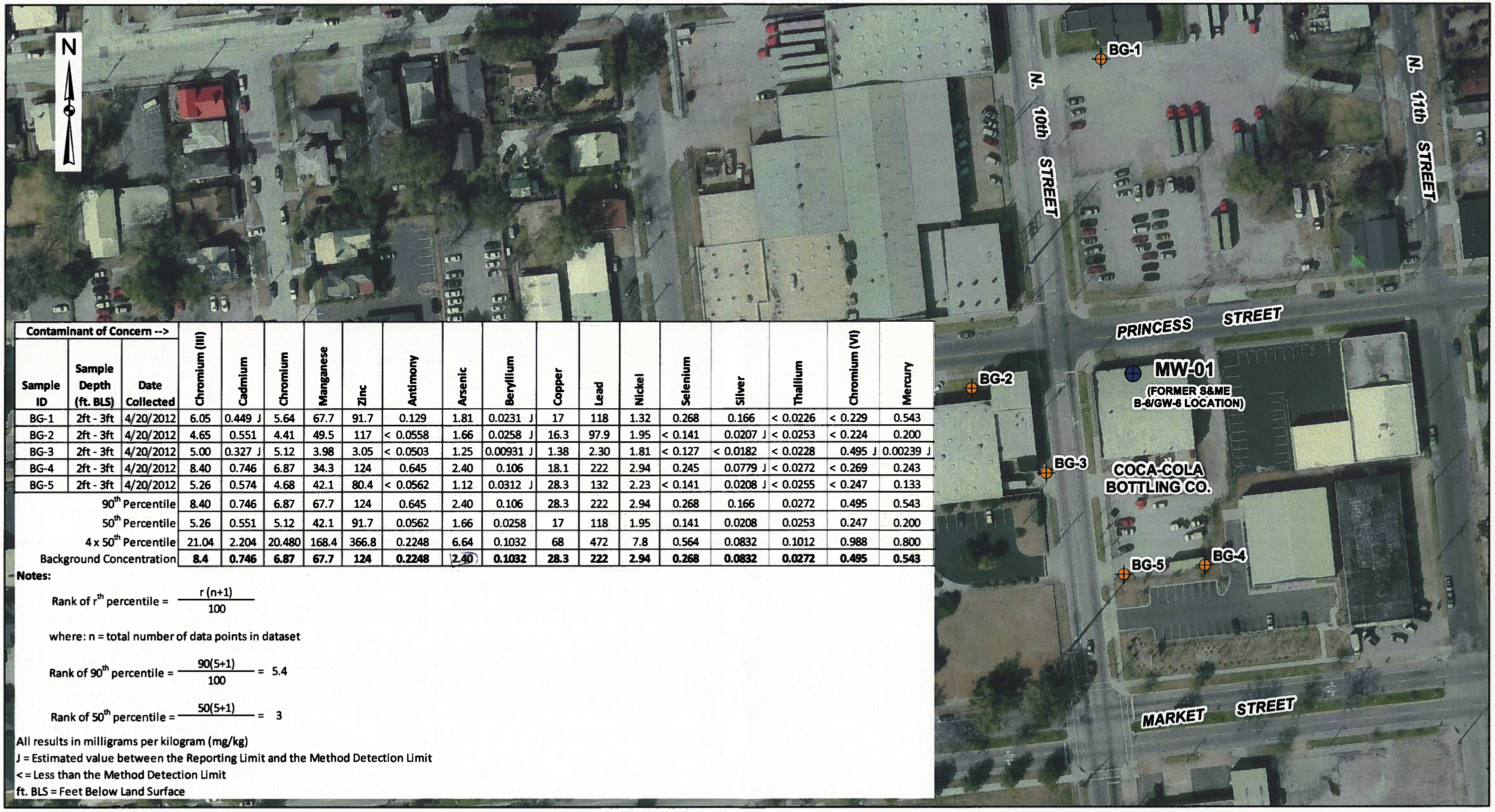
Sheila H Smith
Notary Public (signature)

(OFFICIAL SEAL)

SHEILA H. SMITH NOTARY PUBLIC NEW HANOVER COUNTY, NC

My commission expires: 12/5/14.

Document Certification Form No. DC - II
(Revised 3/11)



Contaminant of Concern -->			Chromium (III)	Cadmium	Chromium	Manganese	Zinc	Antimony	Arsenic	Beryllium	Copper	Lead	Nickel	Selenium	Silver	Thallium	Chromium (VI)	Mercury
Sample ID	Sample Depth (ft. BLS)	Date Collected																
BG-1	2ft - 3ft	4/20/2012	6.05	0.449 J	5.64	67.7	91.7	0.129	1.81	0.0231 J	17	118	1.32	0.268	0.166	< 0.0226	< 0.229	0.543
BG-2	2ft - 3ft	4/20/2012	4.65	0.551	4.41	49.5	117	< 0.0558	1.66	0.0258 J	16.3	97.9	1.95	< 0.141	0.0207 J	< 0.0253	< 0.224	0.200
BG-3	2ft - 3ft	4/20/2012	5.00	0.327 J	5.12	3.98	3.05	< 0.0503	1.25	0.00931 J	1.38	2.30	1.81	< 0.127	< 0.0182	< 0.0228	0.495 J	0.00239 J
BG-4	2ft - 3ft	4/20/2012	8.40	0.746	6.87	34.3	124	0.645	2.40	0.106	18.1	222	2.94	0.245	0.0779 J	< 0.0272	< 0.269	0.243
BG-5	2ft - 3ft	4/20/2012	5.26	0.574	4.68	42.1	80.4	< 0.0562	1.12	0.0312 J	28.3	132	2.23	< 0.141	0.0208 J	< 0.0255	< 0.247	0.133
		90th Percentile	8.40	0.746	6.87	67.7	124	0.645	2.40	0.106	28.3	222	2.94	0.268	0.166	0.0272	0.495	0.543
		50th Percentile	5.26	0.551	5.12	42.1	91.7	0.0562	1.66	0.0258	17	118	1.95	0.141	0.0208	0.0253	0.247	0.200
		4 x 50th Percentile	21.04	2.204	20.480	168.4	366.8	0.2248	6.64	0.1032	68	472	7.8	0.564	0.0832	0.1012	0.988	0.800
		Background Concentration	**8.4**	**0.746**	**6.87**	**67.7**	**124**	**0.2248**	**2.40**	**0.1032**	**28.3**	**222**	**2.94**	**0.268**	**0.0832**	**0.0272**	**0.495**	**0.543**

Notes:

$$\text{Rank of } r^{th} \text{ percentile} = \frac{r\,(n+1)}{100}$$

where: n = total number of data points in dataset

$$\text{Rank of } 90^{th} \text{ percentile} = \frac{90(5+1)}{100} = 5.4$$

$$\text{Rank of } 50^{th} \text{ percentile} = \frac{50(5+1)}{100} = 3$$

All results in milligrams per kilogram (mg/kg)

J = Estimated value between the Reporting Limit and the Method Detection Limit

< = Less than the Method Detection Limit

ft. BLS = Feet Below Land Surface

Data Source: Adapted from New Hanover County Tax Department Aerial Photography (2006)

100 50 0 100 Feet

CATLIN Engineers and Scientists
220 Old Dairy Road
Wilmington, NC 28405
Corporate Licensure No. for Engineering Services C-0585

PROJECT	TITLE	FIGURE
COCA-COLA BOTTLING CO. WILMINGTON, NC	SITE MAP WITH BACKGROUND SOIL SAMPLE LOCATIONS	1

JOB NO.	DATE	SCALE	DRAWN BY	CHECKED BY
208069	JULY 2012	AS SHOWN	THW	GRG

SUMMARY OF SOIL LABORATORY RESULTS - EPA METHOD 6010C

Sample ID	Date Collected	Sample Depth (ft. BLS)	Antimony	Arsenic	Beryllium	Cadmium	Total Chromium	Chromium III	Chromium VI	Copper	Lead	Manganese	Nickel	Selenium	Silver	Zinc
SB01 (1.0-2.0)	8/12/2011	(1.0 - 2.0)	<0.549	<0.401	*	*	2.64	NA	NA	15.9	162	86.7	1.12	<0.428	NA	89.2
SB01 (2.0-3.0)	8/12/2011	(2.0 - 3.0)	<0.503	0.587 J	*	*	5.40	NA	NA	27.4	806	133	2.05	0.398 J	NA	231
SB02 (1.0-2.0)	8/11/2011	(1.0 - 2.0)	<0.506	0.885 J	*	*	3.40	NA	NA	16.6	174	57.5	1.14	<0.394	NA	121
SB02 (2.0-3.0)	8/11/2011	(2.0 - 3.0)	<0.552	<0.403	*	*	4.65	NA	NA	141	193	84.6	8.64	<0.428	NA	227
SB03 (0.5-1.5)	8/11/2011	(0.5 - 1.5)	<0.519	<0.379	*	*	1.88	NA	NA	4.79	62.7	9.86	0.471 J	<0.402	NA	103
SB03 (1.5-2.5)	8/11/2011	(1.5 - 2.5)	<0.515	<0.376	*	*	1.72	NA	NA	4.83	20.9	11.0	0.435 J	<0.400	NA	25.5
SB04 (2.0-3.0)	8/11/2011	(2.0 - 3.0)	<0.605	2.74	*	*	11.2	NA	NA	85.4	877	325	3.89	0.677 J	NA	234
SB04-2 (2.0-3.0)	6/5/2012	(2.0 - 3.0)	NA	NA	NA	NA	24.0	21.8	2.28 J	NA	NA	NA	NA	NA	NA	NA
SB05 (2.0-3.0)	8/11/2011	(2.0 - 3.0)	<0.508	<0.371	*	*	2.23	NA	NA	5.35	121	11.5	0.403 J	<0.394	NA	386
SB06 (2.0-3.0)	8/11/2011	(2.0 - 3.0)	<0.462	<0.337	*	*	0.409 J	NA	NA	1.41	1.79	1.86	<0.356	<0.358	NA	11.0
SB07 (1.0-1.5)	8/12/2011	(1.0 - 1.5)	0.768 J	2.29	*	*	22.0	NA	NA	48.3	386	48.2	4.22	<0.440	NA	405
SB07-2 (1.0-1.5)	6/5/2012	(1.0 - 1.5)	NA	NA	NA	NA	43.4	38.8	4.76	NA	NA	NA	NA	NA	NA	NA
SB08 (2.0-3.0)	8/12/2011	(2.0 - 3.0)	<0.537	1.45	*	*	3.50	NA	NA	12.5	105	36.6	1.14	<0.417	NA	74.6
SB08-2 (2.0-3.0)	6/5/2012	(2.0 - 3.0)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB09 (2.0-3.0)	8/11/2011	(2.0 - 3.0)	<0.522	0.479 J	*	*	3.90	NA	NA	18.8	194	88.8	1.29	<0.428	NA	102
SB10 (2.0-3.0)	8/12/2011	(2.0 - 3.0)	<0.498	<0.363	*	*	2.74	NA	NA	12.6	163	68.0	0.747 J	<0.386	NA	72.8
SB10-2 (2.0-3.0)	6/5/2012	(2.0 - 3.0)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB11 (2.0-3.0)	8/12/2011	(2.0 - 3.0)	<0.509	0.488 J	*	*	25.1	NA	NA	29.8	445	85.3	1.29	<0.395	NA	145
SB11D (2.0-3.0)	8/12/2011	(2.0 - 3.0)	<0.460	<0.336	*	*	11.0	NA	NA	25.9	257	87.5	0.820 J	<0.357	NA	111
SB11-2 (2.0-3.0)	6/5/2012	(2.0 - 3.0)	NA	NA	NA	NA	15.2	15.2	<0.229	NA	NA	NA	NA	NA	NA	NA
SB12 (2.0-3.0)	8/12/2011	(2.0 - 3.0)	<0.535	<0.390	*	*	0.982 J	NA	NA	5.53	28.2	28.5	0.582 J	0.430 J	NA	8.48
SB13 (2.0-3.0)	8/12/2011	(2.0 - 3.0)	<0.594	<0.434	*	*	2.41	NA	NA	14.9	40.5	23.8	0.826 J	<0.461	NA	41.7
SB14 (2.0-3.0)	6/5/2012	(2.0 - 3.0)	*	*	1.23	0.122 J	2.17	NA	NA	12.9	51.4	25.7	0.798 J	*	<0.114	21.9
SB15 (2.0-3.0)	6/5/2012	(2.0 - 3.0)	*	*	0.690 J	0.115 J	2.94	NA	NA	14.4	186	20.4	1.42	*	<0.106	48.7
SB16 (2.0-3.0)	6/5/2012	(2.0 - 3.0)	*	*	<0.893	<0.0740	1.28 J	NA	NA	1.01 J	13.3	2.93	<0.310	*	<0.117	7.71
SB17 (2.0-3.0)	6/5/2012	(2.0 - 3.0)	*	*	<0.797	0.311 J	5.82	NA	NA	27.5	282	78.9	1.81	*	0.232 J	151
SB18 (2.0-3.0)	6/5/2012	(2.0 - 3.0)	*	*	1.03	0.239 J	4.56	NA	NA	15.3	121	41.1	1.80	*	<0.113	74.2
SB19 (2.0-3.0)	6/5/2012	(2.0 - 3.0)	*	*	<0.867	4.80	57.0	NA	NA	59.3	1,200	157	8.00	*	0.294 J	1,110
Protection of Groundwater Preliminary Soil RG			0.90	5.8	63	3	NE	360,000	3.8	700	270	65	130	2.1	3.4	1,200
Preliminary Residential Health Based Soil RG			6.2	0.39	32	14	NE	24,000	0.29	620	400	380	300	78	78	4,800
Preliminary Industrial Health Based Soil RG			82	1.6	400	160	NE	100,000	5.6	8,200	800	4,800	4,000	1,000	1,000	62,000

All results and Preliminary Soil Remediation Goals (PSRG) in milligrams per kilogram (mg/kg).
RG = Remediation Goal
ft. BLS = Feet Below Land Surface
Results in Bold exceed the lowest PSRG
Shaded results exceed the Residential Health Based PSRG
< = Less than method detection limit
* = See Table 3 - EPA Method 6020A
NA = Not Analyzed
J = Amount detected is between the Method Detection Limit and the Lower Calibration Limit

SUMMARY OF SOIL LABORATORY RESULTS - EPA METHOD 8260B

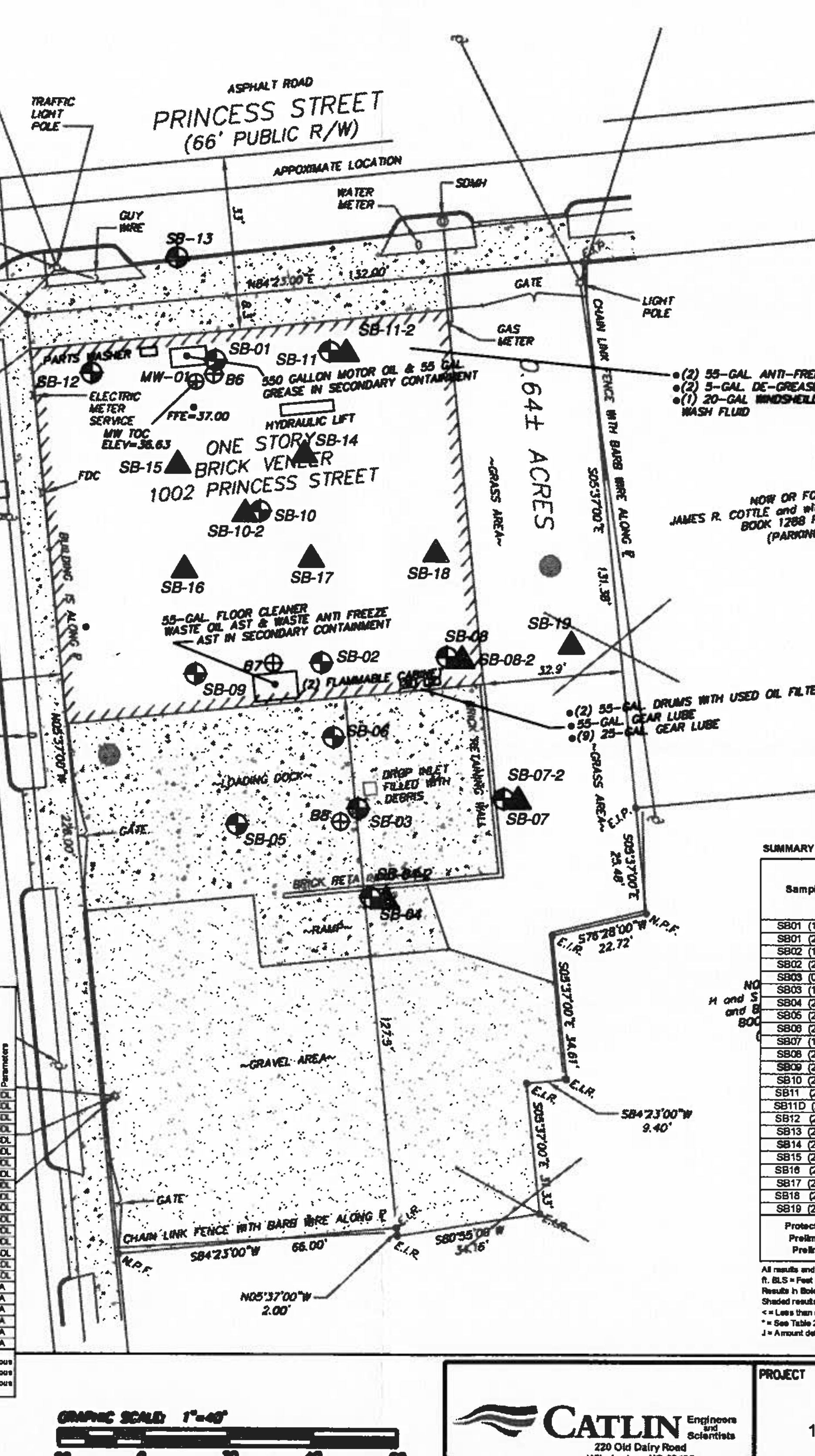
Sample ID	Date Collected	Sample Depth (ft. BLS)	1,1,1-Trichloroethane	1,2,4-Trimethylbenzene	2-Butanone (Methyl Ethyl Ketone)	4-Isopropyltoluene	Acetone	Benzene	Ethyl Benzene	Methyl iodide	Methylene chloride	Naphthalene	Tetrachloroethene (Tetrachloroethylene, Perc, PCE)	Trichlorofluoromethane	Toluene	Total Xylenes	All other Method 8260B Parameters
SB01 (1.0-2.0)	8/12/2011	(1.0 - 2.0)	<0.877	<1.21	2.55 J	<1.17	32.9 J	<1.01	<0.932	<0.953	2.42 J	<1.36	43.4	<0.850	1.16 J	<3.13	BMDL
SB01 (2.0-3.0)	8/12/2011	(2.0 - 3.0)	<0.729	<1.00	4.37 J	<0.976	57.0	3.13 J	<0.776	<0.793	5.28 J	<1.13	27.9	<0.707	1.71 J	<2.607	BMDL
SB02 (1.0-2.0)	8/11/2011	(1.0 - 2.0)	<6.19	5.54 J	<36.4	<3.67	<43.5	<5.69	<4.42	<5.79	<7.86	12.1 J	229	<6.90	20.1 J	24.15 J	BMDL
SB02 (2.0-3.0)	8/11/2011	(2.0 - 3.0)	9.54 J	<4.83	<36.3	<3.86	<43.4	<5.68	<4.41	<5.78	9.54 J	<4.30	298	<6.88	<6.66	<13.63	BMDL
SB03 (0.5-1.5)	8/11/2011	(0.5 - 1.5)	<0.830	<1.14	<1.66	<1.11	8.31 J	<0.962	<0.882	<0.902	1.13 J	<1.29	1.47 J	<0.804	<0.864	<2.97	BMDL
SB03 (1.5-2.5)	8/11/2011	(1.5 - 2.5)	<0.784	<1.08	<1.59	<1.06	6.02 J	<0.911	<0.844	<0.863	2.33 J	<1.23	2.28 J	<0.769	<0.827	<2.84	BMDL
SB04 (2.0-3.0)	8/11/2011	(2.0 - 3.0)	<0.969	<1.33	16.0 J	<1.30	136	<1.11	<1.03	<1.06	<0.870	<1.51	3.96 J	<0.639	<1.01	<3.47	BMDL
SB05 (2.0-3.0)	8/11/2011	(2.0 - 3.0)	<0.687	<0.958	<1.40	<0.931	5.34 J	<0.800	<0.741	<0.758	2.59 J	<1.06	28.6	<0.675	<0.725	<2.494	BMDL
SB06 (2.0-3.0)	8/11/2011	(2.0 - 3.0)	<0.796	<1.09	<1.69	<1.06	<1.27	<0.913	<0.846	<0.865	9.77 J	<1.24	81.1	<0.771	<0.828	<2.84	BMDL
SB07 (1.0-1.5)	8/12/2011	(1.0 - 1.5)	<0.813	<1.12	13.9 J	<1.08	89.3	3.03 J	1.36 J	1.22 J	4.96 J	1.58 J	6.09 J	<0.788	3.21 J	9.92 J	BMDL
SB08 (2.0-3.0)	8/12/2011	(2.0 - 3.0)	<0.744	<1.02	2.85 J	<0.984	22.5 J	0.927 J	<0.791	<0.809	2.88 J	<1.16	7.32	<0.721	0.946 J	<2.866	BMDL
SB09 (2.0-3.0)	8/11/2011	(2.0 - 3.0)	<6.22	<4.86	<36.8	<3.89	<43.7	<5.72	<4.44	<5.82	11.6 J	<4.32	287	<6.93	<6.73	<13.63	BMDL
SB10 (2.0-3.0)	8/12/2011	(2.0 - 3.0)	<6.17	6.52 J	82.7 J	<3.86	<43.3	<5.67	<4.40	<5.77	10.0 J	11.0 J	688	<6.87	<6.67	<13.51	BMDL
SB11 (2.0-3.0)	8/12/2011	(2.0 - 3.0)	<0.776	<1.07	2.86 J	<1.04	71.6	1.62 J	<0.828	<0.844	4.72 J	<1.21	8.90	<0.762	1.68 J	<2.78	BMDL
SB11D (2.0-3.0)	8/12/2011	(2.0 - 3.0)	<0.746	<1.03	2.15 J	<1.00	48.6	1.19 J	<0.798	<0.814	5.67 J	<1.16	8.46	<0.725	1.34 J	<2.671	BMDL
SB12 (2.0-3.0)	8/12/2011	(2.0 - 3.0)	<0.832	<1.14	<1.67	<1.11	27.0 J	<0.965	<0.884	<0.904	4.00 J	<1.29	9.08	<0.806	<0.886	<2.97	BMDL
SB13 (2.0-3.0)	8/12/2011	(2.0 - 3.0)	<7.39	<5.77	<43.4	748	<51.9	<6.79	<5.27	<6.91	10.8 J	<5.14	21.8 J	<8.23	<7.99	<16.16	BMDL
Trip Blank	8/12/2011	Not Applicable	<0.778	<1.07	<1.56	<1.04	<1.24	<0.893	<0.827	<0.848	2.84 J	<1.21	<0.752	<0.754	<0.810	<2.78	BMDL
SB14 (2.0-3.0)	6/5/2012	(2.0 - 3.0)	<0.798	<1.10	<1.60	<1.07	<1.27	<0.916	<0.848	<0.867	1.36 J	<1.24	10.6	2.61 J	<0.830	<2.85	BMDL
SB15 (2.0-3.0)	6/5/2012	(2.0 - 3.0)	<0.892	<1.23	<1.78	<1.19	<1.42	<1.02	<0.948	<0.970	<0.800	<1.39	5.82	0.894 J	<0.829	<3.19	BMDL
SB16 (2.0-3.0)	6/5/2012	(2.0 - 3.0)	<0.779	<1.07	<1.556	<1.04	4.06 J	<0.894	<0.828	<0.847	3.84 J	<1.21	8.08	2.66 J	<0.811	<2.78	BMDL
SB17 (2.0-3.0)	6/5/2012	(2.0 - 3.0)	<8.51	<5.09	<38.3	<4.07	<45.7	<5.98	<4.64	<6.09	<8.04	<4.82	944	<7.25	<7.04	<8.63	BMDL
SB18 (2.0-3.0)	6/5/2012	(2.0 - 3.0)	<0.619	<1.13	<1.64	<1.09	<1.30	<0.940	<0.870	<0.890	63.2	<1.27	<0.791	<0.793	3.47 J	<2.92	BMDL
Protection of Groundwater Preliminary Soil RG			1,200	6,700	16,000	880	24,000	7.3	8,100	NE	23	210	5.0	24,000	5,500	5,600	Various
Preliminary Residential Health Based Soil RG			640,000	12,000	5,800,000	NE	12,000,000	1,100	5,400	NE	11,000	3,600	550	160,000	820,000	130,000	Various
Preliminary Industrial Health Based Soil RG			640,000	62,000	28,000,000	NE	100,000,000	5,400	27,000	NE	53,000	18,000	2,600	680,000	820,000	260,000	Various

All results and Preliminary Soil Remediation Goals (PSRG) in micrograms per kilogram (ug/kg).
RG = Remediation Goal
ft. BLS = Feet Below Land Surface
Results in Bold exceed the lowest PSRG
Shaded results exceed the Residential Health Based PSRG
< = Less than method detection limit
J = Amount detected is between the Method Detection Limit and the Lower Calibration Limit
BMDL = Below Method Detection Limit. Refer to analytical report for a complete list of parameters and detection limits.
NE = None Established

SUMMARY OF SOIL LABORATORY RESULTS - EPA METHOD 8270D

Sample ID	Date Collected	Sample Depth (ft. BLS)	1-Methylnaphthalene	2-Methylnaphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Di-n-butyl phthalate (Dibutyl Phthalate)	Dibenz(a,h)anthracene	Dibenzofuran	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Naphthalene	Phenanthrene	Pyrene	All other Method 8270D Parameters
SB01 (1.0-2.0)	8/12/2011	(1.0 - 2.0)	NA	97.3 J	32.4 J	104 J	68.4 J	384 J	537	687	461	281 J	793	<17.1	83.7 J	162 J	1,980	112 J	409	173 J	2,240	1,750	BMDL
SB01 (2.0-3.0)	8/12/2011	(2.0 - 3.0)	NA	<28.3	<15.9	59.3 J	<15.5	133 J	256 J	319 J	283 J	202 J	450	<18.6	38.4 J	38.4 J	906	<18.6	234 J	<30.2	775	775	BMDL
SB02 (1.0-2.0)	8/11/2011	(1.0 - 2.0)	NA	<28.9	<15.1	<14.0	<14.8	163 J	219 J	269 J	189 J	128 J	209 J	<15.7	38.8 J	<26.0	342	<17.6	153 J	<28.7	133 J	342	BMDL
SB02 (2.0-3.0)	8/11/2011	(2.0 - 3.0)	NA	<28.4	<15.9	<14.8	<15.6	101 J	122 J	134 J	96.0 J	86.5 J	119 J	<16.6	<15.8	<27.5	164 J	<18.6	80.5 J	<30.3	70.0 J	181 J	BMDL
SB03 (0.5-1.5)	8/11/2011	(0.5 - 1.5)	NA	<28.7	<16.1	<15.0	<15.8	<19.5	<20.1	<20.4	<56.6	<42.6	<41.3	<16.8	<16.0	<27.8	<33.4	<18.9	<27.7	<30.7	<23.4	<15.0	BMDL
SB03 (1.5-2.5)	8/11/2011	(1.5 - 2.5)	NA	<27.0	<15.1	<14.1	<14.8	<18.3	<18.9	<19.2	<53.0	<39.9	<38.8	<15.8	<15.0	<26.1	<31.3	<17.7	<26.0	<28.8	<21.9	<14.1	BMDL
SB04 (2.0-3.0)	8/11/2011	(2.0 - 3.0)	NA	<32.4	<18.2	<16.9	<17.8	51.9 J	58.6 J	71.9 J	<63.7	<46.0	59.9 J	<18.9	<18.0	<31.4	75.9 J	<21.2	<31.2	<34.6	39.9 J	79.9 J	BMDL
SB05 (2.0-3.0)	8/11/2011	(2.0 - 3.0)	NA	<26.1	<14.6	<13.6	<14.3	<17.7	<18.2	<18.6	<51.3	<38.6	<37.5	<15.3	<14.5	<25.3	<30.3	<17.1	<25.1	<27.8	<21.2	<13.6	BMDL
SB06 (2.0-3.0)	8/11/2011	(2.0 - 3.0)	NA	<28.9	<15.1	<14.0	<14.8	<18.3	<18.8	<19.1	<52.9	<39.6	<38.6	<15.7	<15.0	<26.0	<31.2	<17.6	<25.9	<28.7	<21.9	<14.0	BMDL
SB07 (1.0-1.5)	8/12/2011	(1.0 - 1.5)	NA	59.9 J	<16.0	<14.9	<15.7	31.7 J	31.7 J	<20.3	<56.2	<42.3	42.3 J	35.2 J	<15.9	<27.7	49.3 J	<18.7	<27.5	52.8 J	35.2 J	63.4 J	BMDL
SB08 (2.0-3.0)	8/12/2011	(2.0 - 3.0)	NA	29.7 J	29.7 J	162 J	126 J	866	1,030	1,280	373	429	1,040	<15.7	116 J	<25.9	1,590	36.6 J	387	33.0 J	897	1,800	BMDL
SB09 (2.0-3.0)	8/11/2011	(2.0 - 3.0)	NA	<28.3	<15.9	<14.7	<15.5	87.2 J	94.1 J	138 J	<55.8	73.2 J	101 J	<16.5	<15.8	<27.4	185 J	<18.5	45.3 J	<30.2	108 J	187 J	BMDL
SB10 (2.0-3.0)	8/12/2011	(2.0 - 3.0)	NA	<27.1	<15.2	<14.1	<14.8	43.4 J	70.2 J	104 J	<53.3	46.8 J	76.8 J	<15.8	<15.1	<26.2	144 J	<17.8	40.1 J	<28.9	93.6 J	140 J	BMDL
SB11 (2.0-3.0)	8/12/2011	(2.0 - 3.0)	NA	<27.7	<15.5	<14.4	<15.2	44.4 J	64.7 J	82.0 J	<54.5	<41.0	54.7 J	<16.2	<15.4	<26.8	92.2 J	<18.2	27.3 J	<29.6	44.4 J	85.4 J	BMDL
SB11D (2.0-3.0)	8/12/2011	(2.0 - 3.0)	NA	<27.2	<15.3	<14.2	<14.9	43.6 J	63.7 J	80.5 J	<53.5	<40.3	50.3 J	<15.9	<15.2	<26.3	83.9 J	<17.8	<26.2	<29.0	33.5 J	87.2 J	BMDL
SB12 (2.0-3.0)	8/12/2011	(2.0 - 3.0)	NA	<28.9	<16.6	<15.6	<16.4	<20.3	<20.9	<21.3	<58.6	<44.3	<43.0	<17.5	<16.7	<28.9	<34.7	<19.6	<28.8	<31.9	<24.3	<15.6	BMDL
SB13 (2.0-3.0)	8/12/2011	(2.0 - 3.0)	NA	<34.3	<19.2	<17.9	<18.8	71.9 J	88.4 J	114 J	<67.5	<50.8	71.9 J	<20.1	<19.1	<33.2	118 J	<22.5	36.1 J	<36.6	<27.9	127 J	BMDL
SB14 (2.0-3.0)	6/5/2012	(2.0 - 3.0)	<13.3	<27.6	<15.5	<14.4	<15.2	<18.6	34.1 J	64.8 J	<54.4	<41.0	71.6 J	NA	<15.4	NA	140	<18.1	30.7 J	<29.5	88.7 J	118	NA
SB15 (2.0-3.0)	6/5/2012	(2.0 - 3.0)	<13.9	<28.9	<16.2	<15.1	<15.9	<19.7	<20.2	<20.6	<56.9	<42.9	<41.6	NA	<16.1	NA	80.6 J	<19.0	<27.9	<30.9	60.6 J	49.9 J	NA
SB16 (2.0-3.0)	6/5/2012	(2.0 - 3.0)	<13.2	<27.3	<15.3	<14.2	<15.0	<18.5	<19.1	<19.4	<53.7	<40.4	<39.2	NA	<15.2	NA	47.1 J	<17.9	<26.3	<28.1	33.7 J	40.4 J	NA
SB17 (2.0-3.0)	6/5/2012	(2.0 - 3.0)	<13.4	<27.6	<15.6	103 J	75.6 J	1,120	1,430	1,690	1,210	622	1,480	NA	259 J	NA	2,610	<18.3	1,080	55.0 J	1,030	2,490	NA
SB18 (2.0-3.0)	6/5/2012	(2.0 - 3.0)	33.0 J	36.3 J	<15.0	48.5 J	39.6 J	256 J	377 J	337 J	277 J	146 J	320 J	NA	82.7 J	NA	492	<17.8	271 J	82.9 J	297 J	439	NA
SB19 (2.0-3.0)	6/5/2012	(2.0 - 3.0)	173 J	252 J	<18.4	46.9 J	46.9 J	228 J	<20.4	<20.6	<57.5	<43.3	285 J	NA	<16.3	NA	451	<19.2	<28.2	191 J	314 J	483	NA
Protection of Groundwater Preliminary Soil RG			55	1,600	8,400	21,000	660,000	180	59	600	7,800,000	5,800	18,000	19,000	190	5,200	330,000	56,000	2,000	210	66,000	220,000	Various
Preliminary Residential Health Based Soil RG			22,000	62,000	680,000	NE	3,400,000	150	15	150	NE	1,500	15,000	1,200,000	15	16,000	480,000	480,000	150	3,600	NE	340,000	Various
Preliminary Industrial Health Based Soil RG			99,000	370,000	6,800,000	NE	34,000,000	2,100	210	2,100	NE	210,000	21,000	12,000,000	210	170,000	4,400,000	4,400,000	2,100	18,000	NE	3,400,000	Various

All results and Preliminary Soil Remediation Goals (PSRG) in micrograms per kilogram (ug/kg).
RG = Remediation Goal
ft. BLS = Feet Below Land Surface
Results in Bold exceed the lowest PSRG
Shaded results exceed the Residential Health Based PSRG
< = Less than method detection limit
J = Amount detected is between the Method Detection Limit and the Lower Calibration Limit
BMDL = Below Method Detection Limit. Refer to analytical report for a complete list of parameters and detection limits.
NA = Not Analyzed
NE = None Established



LEGEND:

E.I.P.	EXISTING IRON PIPE
E.C.M.	EXISTING CONCRETE MONUMENT
E.I.R.	EXISTING IRON REBAR
O	PROPERTY CORNER
I.P.S.	IRON PIPE SET
N.P.F.	NO POINT FOUND
P.O.B.	POINT OF BEGINNING
P.O.C.	POINT OF COMMENCEMENT
±	APPROXIMATE
R/W	RIGHT-OF-WAY
♿	HANDI-CAP PARKING
℄	CENTER LINE
P	PROPERTY LINE
RCP	REINFORCED CONCRETE PIPE
CMP	CORRUGATED METAL PIPE
PVC	POLY VINYL CHLORIDE
SS	SANITARY SEWER
CO	CLEAN OUT
W	WATER LINE
NCNG	NORTH CAROLINA NATURAL GAS
OHP	OVERHEAD POWER
UGE	UNDERGROUND ELECTRIC
— · · · —	WATER/DITCH
———	FENCE LINE
//////////	BUILDING LINE
o———o	BOUNDARY LINE
(dense stipple)	CONCRETE AREA
(light stipple)	GRAVEL AREA
◕	GROUNDWATER MONITORING WELL
⊕	EXISTING GROUNDWATER MONITORING WELL
◕ (crosshair)	SOIL SAMPLE LOCATIONS
⊕	FORMER SOIL SAMPLE LCATIONS
●	PIEZOMETER LOCATION
▲	NEW SOIL SAMPLE LOCATIONS

SUMMARY OF SOIL LABORATORY RESULTS - EPA METHOD 8260B-SPLP (PCE ONLY) AND EPA METHOD 8270D-SPLP (PAHs ONLY)

Sample ID	Date Collected	Sample Depth (ft. BLS)	Tetrachloroethene (Tetrachloroethylene, Perc, PCE)	All 8270D-SPLP PAH Parameters
Method →			8260B-SPLP	8270D-SPLP
SB01 (1.0-2.0)	8/12/2011	(1.0 - 2.0)	0.230 J	BMDL
SB01 (2.0-3.0)	8/12/2011	(2.0 - 3.0)	0.170 J	BMDL
SB02 (1.0-2.0)	8/11/2011	(1.0 - 2.0)	0.330 J	BMDL
SB02 (2.0-3.0)	8/11/2011	(2.0 - 3.0)	0.540 J	BMDL
SB03 (0.5-1.5)	8/11/2011	(0.5 - 1.5)	0.180 J	BMDL
SB03 (1.5-2.5)	8/11/2011	(1.5 - 2.5)	<0.155	BMDL
SB10-2 (2.0-3.0)	6/5/2012	(2.0 - 3.0)	2.81	NA
2L GWQS			0.7	Various

All results and NCAC T15A.02L Groundwater Quality Standards (2L GWQS) in micrograms per Liter (ug/L).
ft. BLS = Feet Below Land Surface
SPLP = Synthetic Precipitation Leaching Procedure
PAH = Polycyclic Aromatic Hydrocarbons
< = Less than method detection limit
J = Amount detected is between the Method Detection Limit and the Lower Calibration Limit
BMDL = Below Method Detection Limit. Refer to analytical report for a complete list of parameters and detection limits.
NA = Not Analyzed
Results in Bold exceed the 2L GWQS

PRELIMINARY
NOT FOR REAL ESTATE
SALES OR CONVEYANCE

SUMMARY OF SOIL LABORATORY RESULTS - EPA METHOD 6020A

Sample ID	Date Collected	Sample Depth (ft. BLS)	Antimony	Arsenic	Beryllium	Cadmium	Selenium	Thallium
SB01 (1.0-2.0)	8/12/2011	(1.0 - 2.0)	*	*	<0.0195	0.0439 J	*	<0.0269
SB01 (2.0-3.0)	8/12/2011	(2.0 - 3.0)	*	*	<0.0179	0.352	*	<0.0247
SB02 (1.0-2.0)	8/11/2011	(1.0 - 2.0)	*	*	<0.0181	0.0915 J	*	<0.0249
SB02 (2.0-3.0)	8/11/2011	(2.0 - 3.0)	*	*	<0.0198	0.254	*	<0.0270
SB03 (0.5-1.5)	8/11/2011	(0.5 - 1.5)	*	*	<0.0185	0.0933 J	*	<0.0254
SB03 (1.5-2.5)	8/11/2011	(1.5 - 2.5)	*	*	<0.0183	0.330	*	<0.0252
SB04 (2.0-3.0)	8/11/2011	(2.0 - 3.0)	*	*	0.0484 J	0.218	*	<0.0297
SB05 (2.0-3.0)	8/11/2011	(2.0 - 3.0)	*	*	<0.0181	0.0610 J	*	<0.0249
SB06 (2.0-3.0)	8/11/2011	(2.0 - 3.0)	*	*	<0.0164	0.129	*	<0.0228
SB07 (1.0-1.5)	8/12/2011	(1.0 - 1.5)	*	*	<0.0202	1.27	*	<0.0278
SB08 (2.0-3.0)	8/12/2011	(2.0 - 3.0)	*	*	<0.0191	0.0752 J	*	<0.0263
SB09 (2.0-3.0)	8/11/2011	(2.0 - 3.0)	*	*	<0.0197	0.144	*	<0.0271
SB10 (2.0-3.0)	8/12/2011	(2.0 - 3.0)	*	*	<0.0177	0.0687 J	*	<0.0244
SB11 (2.0-3.0)	8/12/2011	(2.0 - 3.0)	*	*	<0.0181	0.153	*	<0.0249
SB11D (2.0-3.0)	8/12/2011	(2.0 - 3.0)	*	*	<0.0164	0.110	*	<0.0225
SB12 (2.0-3.0)	8/12/2011	(2.0 - 3.0)	*	*	<0.0190	<0.0190	*	<0.0262
SB13 (2.0-3.0)	8/12/2011	(2.0 - 3.0)	*	*	<0.0212	<0.0212	*	<0.0291
SB14 (2.0-3.0)	6/5/2012	(2.0 - 3.0)	0.234	0.808	*	*	0.117	<0.0124
SB15 (2.0-3.0)	6/5/2012	(2.0 - 3.0)	0.236	0.858	*	*	0.120	<0.0118
SB16 (2.0-3.0)	6/5/2012	(2.0 - 3.0)	0.0314 J	0.115	*	*	0.105	<0.0126
SB17 (2.0-3.0)	6/5/2012	(2.0 - 3.0)	0.238	1.33	*	*	0.154	0.0140 J
SB18 (2.0-3.0)	6/5/2012	(2.0 - 3.0)	0.692	1.49	*	*	0.136	<0.0124
SB19 (2.0-3.0)	6/5/2012	(2.0 - 3.0)	1.76	3.13	*	*	0.280	<0.0127
Protection of Groundwater Preliminary Soil Remediation Goal			0.90	5.8	63	3	2.1	0.28
Preliminary Residential Health Based Soil Remediation Goal			6.2	0.39	32	14	78	0.16
Preliminary Industrial Health Based Soil Remediation Goal			82	1.6	400	160	1,000	2.0

All results and Preliminary Soil Remediation Goals (PSRG) in milligrams per kilogram (mg/kg).
ft. BLS = Feet Below Land Surface
Results in Bold exceed the lowest PSRG
Shaded results exceed the Residential Health Based PSRG
< = Less than method detection limit
* = See Table 2 - EPA Method 6010C
J = Amount detected is between the Method Detection Limit and the Lower Calibration Limit

SUMMARY OF SOIL LABORATORY RESULTS - EPA METHOD 7471B

Sample ID	Date Collected	Sample Depth (ft. BLS)	Mercury
SB01 (1.0-2.0)	8/12/2011	(1.0 - 2.0)	0.195
SB01 (2.0-3.0)	8/12/2011	(2.0 - 3.0)	0.281
SB02 (1.0-2.0)	8/11/2011	(1.0 - 2.0)	0.469
SB02 (2.0-3.0)	8/11/2011	(2.0 - 3.0)	0.323
SB03 (0.5-1.5)	8/11/2011	(0.5 - 1.5)	0.0942
SB03 (1.5-2.5)	8/11/2011	(1.5 - 2.5)	0.0270
SB04 (2.0-3.0)	8/11/2011	(2.0 - 3.0)	2.89
SB05 (2.0-3.0)	8/11/2011	(2.0 - 3.0)	0.137
SB06 (2.0-3.0)	8/11/2011	(2.0 - 3.0)	0.00227 J
SB07 (1.0-1.5)	8/12/2011	(1.0 - 1.5)	0.271
SB08 (2.0-3.0)	8/12/2011	(2.0 - 3.0)	0.385
SB09 (2.0-3.0)	8/11/2011	(2.0 - 3.0)	0.493
SB10 (2.0-3.0)	8/12/2011	(2.0 - 3.0)	0.603
SB11 (2.0-3.0)	8/12/2011	(2.0 - 3.0)	0.786
SB11D (2.0-3.0)	8/12/2011	(2.0 - 3.0)	0.644
SB12 (2.0-3.0)	8/12/2011	(2.0 - 3.0)	0.107
SB13 (2.0-3.0)	8/12/2011	(2.0 - 3.0)	0.165
SB14 (2.0-3.0)	6/5/2012	(2.0 - 3.0)	2.54
SB15 (2.0-3.0)	6/5/2012	(2.0 - 3.0)	0.223
SB16 (2.0-3.0)	6/5/2012	(2.0 - 3.0)	0.134
SB17 (2.0-3.0)	6/5/2012	(2.0 - 3.0)	0.478
SB18 (2.0-3.0)	6/5/2012	(2.0 - 3.0)	0.157
SB19 (2.0-3.0)	6/5/2012	(2.0 - 3.0)	1.02
Protection of Groundwater Preliminary Soil RG			1.0
Preliminary Residential Health Based Soil RG			2.0
Preliminary Industrial Health Based Soil RG			31

All results and Preliminary Soil Remediation Goals (PSRG) in milligrams per kilogram (mg/kg).
RG = Remediation Goal
ft. BLS = Feet Below Land Surface
Results in Bold exceed the lowest PSRG
Shaded results exceed the Residential Health Based PSRG
< = Less than method detection limit
J = Amount detected is between the Method Detection Limit and the Lower Calibration Limit

CATLIN Engineers and Scientists
220 Old Dairy Road
Wilmington, NC 28405
Corporate Licensure No. for Engineering Services C-0585

PROJECT	TITLE	FIGURE
COCA COLA, LLC. WORKPLAN 1002 PRINCESS STREET WILMINGTON, NC	SITE MAP WITH SUMMARIZED SOIL SAMPLE ANALYTICAL RESULTS AND SOIL SAMPLE LOCATIONS	2
JOB NO. 208069 / DATE: JULY 2012	SCALE: AS SHOWN / DRAWN BY: THW / CHECKED BY: GRG	

S:\CAD\DWG\2008\208-069\JULY 2012\FIGURE6 WITHOUT NOTES.DWG