

Tables

Table 1. Summary of Water Supply Wells Within 1/4-Mile Radius of UCC Facility

Union Carbide Corporation Woodbine, Georgia

Well	Total Well Depth (feet bgs)	Latitude	Longitude	Aquifer	Owner/Status
33F020	NA	30.926336	81.514719	NA	BCS*/Active
33F004	806	30.936623	81.507598	Floridan	BCS*/Active
33F016	306.5	30.955234	81.545377	Satilla	NA/NA

Notes:

Sources of well details are U.S. Geological Survey NWIS Mapper, Georgia EPD - Municipal and Industrial Groundwater Withdrawals, and BCS

*BCS property was sold. However, USGS indicates BCS is still the owner of the wells.

bgs = below ground surface

BCS = Bayer CropScience

NA = not available

UCC = Union Carbide Corporation

Table 2. Well Construction Details and Groundwater Elevations (September 26, 2022)

Union Carbide Corporation Woodbine, Georgia

Well	Total Well Depth* (feet btoc)	Screen Interval (feet bgs)	TOC Elevation (feet msl)	Depth to GW (feet btoc)	GW Elevation (feet amsl)
MW-1	31.37	18.19 - 28.19	23.87	11.96	11.91
MW-6	26.78	15.46 - 25.46	22.33	16.47	5.86
MW-7	31.55	15.82 - 25.82	24.51	20.12	4.39
MW-8	28.23	17.15 - 27.15	23.17	19.74	3.43
MW-10	29.78	18.60 - 28.60	26.26	13.48	12.78
MW-16	54.59	49.05 - 54.05	22.35	19.01	3.34
MW-17	28.74	7.65 - 27.15	22.20	20.02	2.18
MW-18	48.76	42.60 - 47.60	22.52	20.25	2.27
MW-19	48.82	42.65 - 47.65	23.55	18.83	4.72
MW-20	28.24	8.74 - 28.24	24.34	21.32	3.02
MW-21	54.59	48.34 - 53.34	24.34	21.29	3.05
MW-22	54.29	48.75 - 53.75	23.20	18.52	4.68
MW-23A	32.46	9.22 - 28.72	25.16	22.84	2.32
MW-24A	57.53	49.20 - 54.20	24.85	22.24	2.61
MW-25	72.73	65.95 - 70.95	24.64	21.46	3.18
MW-31	52.54	41.76 - 51.76	25.11	18.32	6.79
MW-32	32.85	19.41 - 29.41	24.45	16.69	7.76
MW-33	53.86	43.05 - 53.05	24.45	19.68	4.77
MW-34	26.33	15.85 - 25.85	24.56	18.40	6.16
MW-35	54.10	44.10 - 54.10	24.69	19.31	5.38
MW-36	32.83	21.90 - 31.90	24.83	18.79	6.04
MW-37	55.49	44.30 - 54.30	24.32	12.94	11.38
MW-38	32.07	21.40 - 31.40	27.04	22.91	4.13
MW-39	32.83	21.70 - 31.70	23.51	18.89	4.62
MW-40	58.65	45.00 - 55.00	25.54	20.39	5.15
MW-41	55.98	43.50 - 53.50	23.56	20.93	2.63
MW-42	33.61	20.00 - 30.00	23.34	21.11	2.23
MW-43	58.48	45.00 - 55.00	26.15	12.92	13.23
MW-44	32.65	19.75 - 29.75	26.12	12.63	13.49
MW-45	33.83	19.75 - 29.75	25.42	18.81	6.61
MW-46	56.16	44.25 - 54.25	26.43	21.96	4.47

Table 2. Well Construction Details and Groundwater Elevations (September 26, 2022)

Union Carbide Corporation Woodbine, Georgia

Well	Total Well Depth* (feet btoc)	Screen Interval (feet bgs)	TOC Elevation (feet msl)	Depth to GW (feet btoc)	GW Elevation (feet amsl)
MW-47	29.81	19.25 - 29.25	27.56	16.75	10.81
MW-48	58.71	45.00 - 55.00	27.88	17.48	10.40
MW-49	53.81	39.75 - 49.75	24.24	19.63	4.61
MW-50	53.69	39.75 - 49.75	25.05	20.46	4.59
MW-51	106.09	97.0 - 102.0	23.90	18.59	5.31
MW-52	94.35	84.75 - 89.75	27.87	18.15	9.72
TE-1	34.95	21.50 - 31.50	24.52	19.73	4.79
TE-2	33.26	18.50 - 28.50	23.18	19.78	3.40
TE-3	NG	18.50 - 28.50	25.34	NG	NG

Notes:

MW = Monitoring Well

TE = Treatment Effectiveness

TOC = top of casing; new top of casing elevation referenced to NAVD 88 .

GW = groundwater

amsl = above mean sea level

bgs = below ground surface

btoc = below top of casing

NG = Not Gauged

Dry = Well is dry

* Total well depth as measured during sampling activities completed in September 2019

Table 3. Mann-Kendall Trend Results
Union Carbide Corporation,
Woodbine, Camden County, Georgia

Well Identification		MW-01			MW-06			MW-07			MW-08			MW-34		
Interval		Shallow			Shallow			Shallow			Shallow			Shallow		
Type		Background			POC			POC			POC			POC		
Constituent	GWPS (mg/L)	Detected?	> GWPS?	MK Result ^a	Detected?	> GWPS?	MK Result ^a	Detected?	> GWPS?	MK Result ^a	Detected?	> GWPS?	MK Result ^a	Detected?	> GWPS?	MK Result ^a
1,4-Dichlorobenzene	0.075	no	no	--	no	no	▼	YES	no	NST	no	no	--	no	no	--
2,4-D	0.1	no	no	NST	no	no	NST	no	no	--	no	no	NST	no	no	NST
2,4,5-T	0.122	no	no	NST	no	no	▼	no	no	▼	no	no	▼	YES	no	▼
2,4,5-TP (Silvex)	0.01	no	no	--	no	no	NST	no	no	▼	no	no	NST	no	no	NST
2-Chlorophenol	0.071	no	no	--	no	no	--	no	no	--	no	no	--	no	no	--
2-Methylnaphthalene	0.027	no	no	--	no	no	NST	YES	YES	NST	no	no	--	YES	no	▼
4-Chloroaniline	0.0004	no	no	--	no	no	--	no	no	--	no	no	--	no	no	▼
Acetone	12.714	YES	no	▲	YES	no	▼	YES	no	▼	YES	no	NST	no	no	NST
Acetonitrile	0.257	no	no	--	YES	no	▼	YES	no	▼	no	no	--	no	no	--
Aldicarb	0.015	no	no	--	YES	no	NST	no	no	--	no	no	--	no	no	--
Antimony	0.006	no	no	--	YES	no	NST	YES	no	NST	no	no	--	no	no	--
Arsenic	0.05	no	no	--	YES	no	▲	YES	no	▼	no	no	▼	no	no	▼
Barium	1	YES	no	NST	YES	no	NST	YES	no	▼	YES	no	NST	YES	no	▼
Carbon Disulfide	0.559	no	no	NST	YES	no	NST	YES	no	▲	YES	no	▲	no	no	▲
Chromium	0.05	YES	no	NST	YES	no	NST	YES	no	▲	YES	no	NST	YES	no	NST
m-cresol (3-methylphenol)	0.716	no	no	--	YES	no	NST	YES	no	NST	no	no	--	no	no	--
p-cresol (4-methylphenol)	0.072	no	no	--	no	no	NST	YES	no	NST	no	no	--	no	no	--
Cyanide	0.2	no	no	--	no	no	▼	YES	no	▼	no	no	--	no	no	NST
Dibenzofuran	0.0012	no	no	--	no	no	--	YES	no	NST	no	no	--	no	no	--
Ethylbenzene	0.7	no	no	--	no	no	▲	YES	no	▲	no	no	--	no	no	NST
Fluorene	0.043	no	no	--	no	no	NST	YES	no	NST	no	no	--	no	no	--
Fluoride	4	no	no	--	no	no	NST	no	no	--	no	no	▼	no	no	NST
Formaldehyde	0.042 ^b	no	no	NST	YES	YES	NST	YES	YES	NST	YES	YES	NST	YES	YES	NST
Methylacrylonitrile	0.001	no	no	--	no	no	▼	no	no	▼	no	no	--	no	no	--
Methyl Ethyl Ketone	6.549	no	no	--	YES	no	▼	no	no	▼	no	no	--	no	no	NST
Methylene Chloride	0.005	no	no	NST	YES	no	▲	no	no	--	no	no	--	no	no	--
Naphthalene	0.001	no	no	NST	YES	YES	NST	YES	YES	▲	no	no	NST	YES	YES	▲
Nickel	0.1	YES	no	NST	YES	no	NST	YES	no	NST	YES	no	NST	no	no	--
Phenanthrene	0.011	no	no	--	no	no	--	YES	no	▼	no	no	--	no	no	--
Phenol	4.475	no	no	--	no	no	▼	YES	no	▼	no	no	--	no	no	--
Pyridine	0.015	no	no	--	YES	no	▲	YES	YES	NST	no	no	--	no	no	--
Selenium	0.01	YES	no	▲	YES	no	NST	YES	no	NST	YES	no	NST	no	no	▼
Sulfide	3.72	YES	no	▼	YES	YES	NST	YES	YES	NST	YES	no	NST	YES	no	▼
Toluene	1	no	no	NST	YES	no	▲	YES	no	▲	no	no	NST	no	no	NST
Vanadium	0.001	no	no	▲	YES	YES	▲	YES	YES	▲	YES	YES	NST	YES	no	▲
Xylenes	10	no	no	--	no	no	--	YES	no	NST	no	no	--	YES	no	NST
Zinc	4.674	no	no	NST	YES	no	NST	no	no	NST	YES	no	NST	no	no	NST

Notes:

^a Mann-Kendall trend results include data collected between 2006 and 2022.

^b The maximum detected result of 0.042 mg/L is used instead of the GWPS because the distribution of formaldehyde detection is non-parametric and the background result is greater than the regulatory standard of 0.002 mg/L.

Acronyms and Abbreviations:

▲ : statistically significant, increasing trend

▼ : statistically significant, decreasing trend

GWPS: Groundwater Protection Standard

mg/L: milligrams per liter

MK: Mann-Kendall

NST: no significant trend (stable)

POC: Point-of-Compliance

>: greater than

Table 3. Mann-Kendall Trend Results
Union Carbide Corporation,
Woodbine, Camden County, Georgia

Well Identification		MW-37			MW-38			MW-39			MW-10			MW-16		
Interval		Deep			Shallow			Shallow			Shallow			Deep		
Type		Non-POC			POC			POC			Non-POC			Non-POC		
Constituent	GWPS (mg/L)															
		Detected?	> GWPS?	MK Result ^a	Detected?	> GWPS?	MK Result ^a	Detected?	> GWPS?	MK Result ^a	Detected?	> GWPS?	MK Result ^a	Detected?	> GWPS?	MK Result ^a
1,4-Dichlorobenzene	0.075	no	no	--	no	no	--	no	no	--	YES	no	▼	no	no	--
2,4-D	0.1	no	no	--	no	no	--	no	no	▼	YES	no	NST	no	no	▲
2,4,5-T	0.122	no	no	NST	no	no	▼	no	no	▼	YES	no	▼	YES	no	▼
2,4,5-TP (Silvex)	0.01	no	no	--	no	no	NST	no	no	NST	no	no	NST	no	no	▼
2-Chlorophenol	0.071	no	no	--	no	no	--	no	no	--	no	no	--	no	no	--
2-Methylnaphthalene	0.027	no	no	--	no	no	--	no	no	--	no	no	▲	no	no	--
4-Chloroaniline	0.0004	no	no	--	no	no	--	no	no	--	no	no	▼	no	no	--
Acetone	12.714	YES	no	--	YES	no	▲	YES	no	▼	YES	no	NST	YES	no	▲
Acetonitrile	0.257	no	no	--	no	no	--	no	no	NST	no	no	▼	no	no	NST
Aldicarb	0.015	no	no	--	no	no	--	no	no	--	no	no	--	no	no	--
Antimony	0.006	YES	no	--	no	no	--	no	no	--	YES	no	NST	no	no	--
Arsenic	0.05	YES	no	--	no	no	▼	YES	no	NST	YES	no	▼	no	no	NST
Barium	1	YES	no	NST	YES	no	▼	YES	no	▲	YES	no	NST	YES	no	▼
Carbon Disulfide	0.559	no	no	▲	no	no	NST	no	no	▲	YES	no	NST	YES	no	▲
Chromium	0.05	no	no	NST	YES	no	▲	no	no	--	YES	no	NST	YES	no	▲
m-cresol (3-methylphenol)	0.716	no	no	NST	no	no	--	no	no	--	no	no	--	no	no	--
p-cresol (4-methylphenol)	0.072	no	no	--	no	no	--	no	no	--	no	no	--	no	no	--
Cyanide	0.2	no	no	NST	no	no	--	no	no	▼	YES	no	NST	no	no	--
Dibenzofuran	0.0012	no	no	--	no	no	--	no	no	--	no	no	--	no	no	--
Ethylbenzene	0.7	no	no	--	no	no	NST	no	no	--	YES	no	▼	no	no	--
Fluorene	0.043	no	no	--	no	no	--	no	no	--	no	no	--	no	no	--
Fluoride	4	no	no	▼	no	no	NST	no	no	--	no	no	--	YES	no	▲
Formaldehyde	0.042 ^b	no	no	▲	YES	YES	▼	YES	YES	▼	YES	YES	NST	YES	YES	NST
Methylacrylonitrile	0.001	no	no	--	no	no	--	no	no	NST	no	no	--	no	no	--
Methyl Ethyl Ketone	6.549	no	no	--	no	no	--	no	no	NST	no	no	--	no	no	--
Methylene Chloride	0.005	no	no	NST	no	no	--	no	no	--	no	no	--	no	no	--
Naphthalene	0.001	no	no	NST	no	no	NST	YES	YES	NST	YES	YES	▲	no	no	NST
Nickel	0.1	YES	no	NST	no	no	--	YES	no	NST	YES	no	NST	YES	no	NST
Phenanthrene	0.011	no	no	--	no	no	--	no	no	--	no	no	NST	no	no	--
Phenol	4.475	no	no	--	no	no	--	no	no	--	no	no	--	no	no	--
Pyridine	0.015	no	no	--	no	no	--	no	no	--	no	no	--	no	no	--
Selenium	0.01	no	no	--	YES	no	NST	no	no	NST	YES	no	▼	no	no	▼
Sulfide	3.72	YES	no	NST	no	no	▼	YES	YES	▼	YES	YES	▼	no	no	▼
Toluene	1	no	no	NST	no	no	NST	no	no	NST	YES	no	▼	no	no	NST
Vanadium	0.001	YES	YES	▲	YES	YES	▲	YES	YES	▲	YES	YES	▼	no	no	▲
Xylenes	10	no	no	NST	no	no	NST	no	no	--	YES	no	▼	no	no	--
Zinc	4.674	no	no	NST	YES	no	NST	no	no	NST	YES	no	NST	no	no	NST

Notes:

^a Mann-Kendall trend results include data collected between 2006 and 2022.

^b The maximum detected result of 0.042 mg/L is used instead of the GWPS because the distribution of formaldehyde detection is non-parametric and the background result is greater than the regulatory standard of 0.002 mg/L.

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Table 3. Mann-Kendall Trend Results
Union Carbide Corporation,
Woodbine, Camden County, Georgia

Well Identification		MW-17			MW-18			MW-19			MW-20			MW-21		
Interval		Shallow			Deep			Deep			Shallow			Deep		
Type		Todd Creek			Todd Creek			Non-POC			Todd Creek			Todd Creek		
Constituent	GWPS (mg/L)															
		Detected?	> GWPS?	MK Result ^a	Detected?	> GWPS?	MK Result ^a	Detected?	> GWPS?	MK Result ^a	Detected?	> GWPS?	MK Result ^a	Detected?	> GWPS?	MK Result ^a
1,4-Dichlorobenzene	0.075	no	no	--	no	no	--	no	no	--	no	no	▼	no	no	NST
2,4-D	0.1	no	no	--	no	no	--	no	no	--	no	no	NST	no	no	--
2,4,5-T	0.122	no	no	NST	no	no	▼	no	no	▼	no	no	▼	no	no	NST
2,4,5-TP (Silvex)	0.01	no	no	--	no	no	NST	no	no	--	no	no	NST	no	no	NST
2-Chlorophenol	0.071	no	no	--	no	no	--	no	no	--	no	no	--	no	no	--
2-Methylnaphthalene	0.027	no	no	--	no	no	--	YES	no	▲	no	no	NST	no	no	--
4-Chloroaniline	0.0004	no	no	--	no	no	--	no	no	--	no	no	--	no	no	NST
Acetone	12.714	YES	no	▲	YES	no	▲	YES	no	▲	YES	no	▼	YES	no	NST
Acetonitrile	0.257	no	no	--	no	no	--	no	no	NST	no	no	▼	no	no	NST
Aldicarb	0.015	no	no	--	no	no	--	no	no	--	no	no	--	no	no	--
Antimony	0.006	no	no	NST	no	no	--	no	no	--	no	no	--	no	no	--
Arsenic	0.05	YES	no	NST	no	no	NST	no	no	NST	YES	no	▼	no	no	NST
Barium	1	YES	no	NST	YES	no	▲	YES	no	▲	YES	no	NST	YES	no	▲
Carbon Disulfide	0.559	no	no	NST	YES	no	▲	YES	no	▲	YES	no	NST	no	no	▲
Chromium	0.05	YES	no	▲	YES	no	NST	no	no	--	YES	no	NST	YES	no	NST
m-cresol (3-methylphenol)	0.716	no	no	--	no	no	--	no	no	--	YES	no	▼	no	no	--
p-cresol (4-methylphenol)	0.072	no	no	--	no	no	--	no	no	--	no	no	▼	no	no	--
Cyanide	0.2	no	no	--	no	no	NST	no	no	NST	no	no	▼	no	no	NST
Dibenzofuran	0.0012	no	no	--	no	no	--	no	no	--	no	no	--	no	no	--
Ethylbenzene	0.7	no	no	--	no	no	--	YES	no	▲	YES	no	▲	no	no	--
Fluorene	0.043	no	no	NST	no	no	NST	no	no	--	no	no	--	no	no	--
Fluoride	4	no	no	--	YES	no	▲	YES	no	NST	no	no	NST	YES	no	▼
Formaldehyde	0.042 ^b	YES	YES	▼	YES	YES	NST	YES	YES	NST	YES	YES	▲	YES	YES	NST
Methylacrylonitrile	0.001	no	no	--	no	no	--	no	no	--	no	no	NST	no	no	--
Methyl Ethyl Ketone	6.549	no	no	--	no	no	--	no	no	--	no	no	▼	no	no	--
Methylene Chloride	0.005	no	no	NST	no	no	--	no	no	--	no	no	▲	no	no	--
Naphthalene	0.001	no	no	▲	no	no	--	YES	YES	▲	YES	YES	NST	YES	YES	▲
Nickel	0.1	YES	no	▲	no	no	--	no	no	--	no	no	NST	no	no	--
Phenanthrene	0.011	no	no	NST	no	no	--	no	no	--	no	no	▼	no	no	--
Phenol	4.475	no	no	--	no	no	--	no	no	--	YES	no	▼	no	no	--
Pyridine	0.015	no	no	--	no	no	--	no	no	NST	no	no	--	no	no	--
Selenium	0.01	YES	no	▲	no	no	NST	no	no	NST	no	no	▼	no	no	▼
Sulfide	3.72	no	no	NST	no	no	NST	YES	YES	▲	YES	YES	▼	no	no	NST
Toluene	1	no	no	NST	no	no	NST	no	no	▲	YES	no	▲	no	no	NST
Vanadium	0.001	YES	YES	▲	no	no	▲	no	no	▲	YES	YES	NST	no	no	NST
Xylenes	10	YES	no	NST	no	no	--	YES	no	▲	YES	no	▲	no	no	--
Zinc	4.674	YES	no	NST	YES	no	NST	no	no	NST	YES	no	NST	YES	no	NST

Notes:

^a Mann-Kendall trend results include data collected between 2006 and 2022.

^b The maximum detected result of 0.042 mg/L is used instead of the GWPS because the distribution of formaldehyde detection is non-parametric and the background result is greater than the regulatory standard of 0.002 mg/L.

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Woodbine, Camden County, Georgia

Well Identification		MW-22			MW-23			MW-24			MW-25			MW-31		
Interval		Deep			Shallow			Deep			Deep			Deep		
Type		Non-POC			Todd Creek			Todd Creek			Todd Creek			Non-POC		
Constituent	GWPS (mg/L)															
		Detected?	> GWPS?	MK Result ^a	Detected?	> GWPS?	MK Result ^a	Detected?	> GWPS?	MK Result ^a	Detected?	> GWPS?	MK Result ^a	Detected?	> GWPS?	MK Result ^a
1,4-Dichlorobenzene	0.075	no	no	--	no	no	--	no	no	--	no	no	--	no	no	--
2,4-D	0.1	no	no	NST	no	no	NST	no	no	--	no	no	--	no	no	▲
2,4,5-T	0.122	no	no	NST	no	no	NST	no	no	NST	YES	no	NST	YES	no	NST
2,4,5-TP (Silvex)	0.01	no	no	NST	no	no	--	no	no	--	no	no	--	no	no	NST
2-Chlorophenol	0.071	no	no	--	no	no	--	no	no	--	no	no	--	no	no	--
2-Methylnaphthalene	0.027	no	no	--	no	no	NST	no	no	--	no	no	--	no	no	--
4-Chloroaniline	0.0004	no	no	--	no	no	--	no	no	--	no	no	--	no	no	--
Acetone	12.714	YES	no	NST	no	no	NST	no	no	NST	no	no	▼	no	no	NST
Acetonitrile	0.257	no	no	--	no	no	NST	no	no	--	no	no	--	no	no	▲
Aldicarb	0.015	no	no	--	no	no	--	no	no	--	no	no	--	no	no	--
Antimony	0.006	no	no	--	no	no	--	no	no	--	no	no	--	no	no	--
Arsenic	0.05	YES	no	NST	YES	no	▲	no	no	NST	no	no	NST	no	no	--
Barium	1	YES	no	NST	YES	no	NST	YES	no	▼	YES	no	▲	YES	no	▲
Carbon Disulfide	0.559	no	no	NST	YES	no	NST	YES	no	▲	no	no	NST	YES	no	▲
Chromium	0.05	no	no	NST	no	no	--	no	no	NST	YES	no	NST	YES	no	NST
m-cresol (3-methylphenol)	0.716	no	no	--	no	no	--	no	no	--	no	no	--	no	no	--
p-cresol (4-methylphenol)	0.072	no	no	--	no	no	--	no	no	--	no	no	--	no	no	--
Cyanide	0.2	no	no	--	no	no	▼	no	no	--	no	no	NST	no	no	--
Dibenzofuran	0.0012	no	no	--	no	no	--	no	no	--	no	no	--	no	no	--
Ethylbenzene	0.7	no	no	--	no	no	NST	no	no	--	no	no	--	no	no	--
Fluorene	0.043	no	no	--	no	no	--	no	no	--	no	no	--	no	no	--
Fluoride	4	YES	no	NST	no	no	NST	YES	no	▲	YES	no	NST	YES	no	NST
Formaldehyde	0.042 ^b	no	no	▼	YES	YES	▼	YES	YES	NST	YES	YES	NST	YES	YES	NST
Methylacrylonitrile	0.001	no	no	--	no	no	NST	no	no	--	no	no	--	no	no	--
Methyl Ethyl Ketone	6.549	no	no	--	no	no	--	no	no	--	no	no	--	no	no	--
Methylene Chloride	0.005	no	no	--	no	no	NST	no	no	NST	no	no	--	no	no	NST
Naphthalene	0.001	no	no	--	YES	no	NST	no	no	NST	YES	no	NST	no	no	--
Nickel	0.1	no	no	--	YES	no	NST	no	no	--	no	no	--	YES	no	NST
Phenanthrene	0.011	no	no	--	no	no	--	no	no	--	no	no	--	no	no	--
Phenol	4.475	no	no	--	no	no	--	no	no	--	no	no	--	no	no	--
Pyridine	0.015	no	no	--	no	no	NST	no	no	--	no	no	--	no	no	--
Selenium	0.01	no	no	--	no	no	▼	no	no	NST	no	no	NST	no	no	--
Sulfide	3.72	no	no	NST	YES	no	NST	no	no	--	no	no	NST	no	no	NST
Toluene	1	no	no	NST	no	no	▲	no	no	NST	no	no	NST	no	no	NST
Vanadium	0.001	YES	YES	▲	YES	no	▲	no	no	NST	YES	YES	▲	no	no	▲
Xylenes	10	no	no	--	YES	no	NST	no	no	NST	YES	no	NST	no	no	--
Zinc	4.674	YES	no	NST	no	no	NST	no	no	▲	no	no	NST	YES	no	NST

Notes:

^a Mann-Kendall trend results include data collected between 2006 and 2022.

^b The maximum detected result of 0.042 mg/L is used instead of the GWPS because the distribution of formaldehyde detection is non-parametric and the background result is greater than the regulatory standard of 0.002 mg/L.

Acronyms and Abbreviations:

▲ : statistically significant, increasing trend

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MK: Mann-Kendall

NST: no significant trend (stable)

POC: Point-of-Compliance

>: greater than

Table 3. Mann-Kendall Trend Results
Union Carbide Corporation,
Woodbine, Camden County, Georgia

Well Identification		MW-32			MW-33			MW-35			MW-36			MW-40		
Interval		Shallow			Deep			Deep			Shallow			Deep		
Type		Non-POC			Non-POC			Non-POC			Non-POC			Non-POC		
Constituent	GWPS (mg/L)	Detected?	> GWPS?	MK Result ^a	Detected?	> GWPS?	MK Result ^a	Detected?	> GWPS?	MK Result ^a	Detected?	> GWPS?	MK Result ^a	Detected?	> GWPS?	MK Result ^a
1,4-Dichlorobenzene	0.075	no	no	--	no	no	--	no	no	--	no	no	--	no	no	--
2,4-D	0.1	no	no	--	no	no	NST	no	no	--	no	no	--	no	no	NST
2,4,5-T	0.122	no	no	NST	YES	no	NST	no	no	NST	no	no	NST	no	no	▼
2,4,5-TP (Silvex)	0.01	no	no	--	no	no	▼	no	no	--	no	no	--	no	no	▼
2-Chlorophenol	0.071	no	no	--	no	no	--	no	no	--	no	no	--	no	no	--
2-Methylnaphthalene	0.027	no	no	--	no	no	--	no	no	--	no	no	--	no	no	--
4-Chloroaniline	0.0004	no	no	--	no	no	--	no	no	--	no	no	--	no	no	--
Acetone	12.714	YES	no	▲	YES	no	▼	YES	no	▲	YES	no	NST	YES	no	▼
Acetonitrile	0.257	no	no	--	no	no	--	no	no	--	no	no	--	no	no	--
Aldicarb	0.015	no	no	--	no	no	--	no	no	--	no	no	--	no	no	--
Antimony	0.006	no	no	--	no	no	--	no	no	--	no	no	--	no	no	NST
Arsenic	0.05	no	no	NST	no	no	▼	no	no	--	YES	no	NST	no	no	NST
Barium	1	YES	no	▲	YES	no	▼	YES	no	▲	YES	no	NST	YES	no	▼
Carbon Disulfide	0.559	YES	no	▲	no	no	▲	YES	no	▲	YES	no	▲	YES	no	NST
Chromium	0.05	YES	no	NST	YES	no	▲	YES	no	NST	no	no	--	YES	no	NST
m-cresol (3-methylphenol)	0.716	no	no	--	no	no	--	no	no	--	no	no	NST	no	no	--
p-cresol (4-methylphenol)	0.072	no	no	--	no	no	--	no	no	--	no	no	NST	no	no	--
Cyanide	0.2	no	no	--	no	no	NST	no	no	--	no	no	NST	no	no	--
Dibenzofuran	0.0012	no	no	--	no	no	--	no	no	--	no	no	--	no	no	--
Ethylbenzene	0.7	no	no	--	YES	no	NST	no	no	--	no	no	NST	no	no	NST
Fluorene	0.043	no	no	--	no	no	--	no	no	--	no	no	--	no	no	--
Fluoride	4	no	no	NST	YES	no	NST	YES	no	NST	no	no	--	YES	no	▲
Formaldehyde	0.042 ^b	no	no	NST	YES	YES	▼	no	no	NST	YES	YES	▼	YES	YES	▼
Methylacrylonitrile	0.001	no	no	--	no	no	--	no	no	--	no	no	--	no	no	--
Methyl Ethyl Ketone	6.549	no	no	--	no	no	▼	no	no	--	no	no	--	no	no	▼
Methylene Chloride	0.005	no	no	--	no	no	▼	no	no	--	no	no	--	no	no	--
Naphthalene	0.001	no	no	--	no	no	NST	no	no	--	no	no	--	no	no	--
Nickel	0.1	no	no	--	YES	no	NST	YES	no	NST	YES	no	NST	YES	no	NST
Phenanthrene	0.011	no	no	--	no	no	--	no	no	NST	no	no	--	no	no	--
Phenol	4.475	no	no	--	no	no	NST	no	no	--	no	no	--	no	no	▼
Pyridine	0.015	no	no	--	no	no	--	no	no	--	no	no	--	no	no	NST
Selenium	0.01	no	no	NST	no	no	▼	no	no	--	YES	no	▲	no	no	▼
Sulfide	3.72	no	no	--	YES	no	NST	no	no	NST	YES	no	NST	no	no	▼
Toluene	1	no	no	NST	YES	no	NST	no	no	NST	no	no	NST	no	no	NST
Vanadium	0.001	no	no	▲	YES	YES	▲	no	no	NST	YES	YES	NST	YES	YES	▼
Xylenes	10	no	no	--	YES	no	▲	no	no	--	no	no	NST	no	no	NST
Zinc	4.674	no	no	NST	no	no	NST	no	no	NST	no	no	NST	YES	no	NST

Notes:

^a Mann-Kendall trend results include data collected between 2006 and 2022.

^b The maximum detected result of 0.042 mg/L is used instead of the GWPS because the distribution of formaldehyde detection is non-parametric and the background result is greater than the regulatory standard of 0.002 mg/L.

Acronyms and Abbreviations:

▲ : statistically significant, increasing trend

▼ : statistically significant, decreasing trend

GWPS: Groundwater Protection Standard

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MK: Mann-Kendall

NST: no significant trend (stable)

POC: Point-of-Compliance

>: greater than

Table 3. Mann-Kendall Trend Results
Union Carbide Corporation,
Woodbine, Camden County, Georgia

Well Identification		MW-41			MW-42			MW-43			MW-44			MW-45		
Interval		Deep			Shallow			Deep			Shallow			Shallow		
Type		Todd Creek			Todd Creek			Non-POC			Non-POC			Non-POC		
Constituent	GWPS (mg/L)															
		Detected?	> GWPS?	MK Result ^a	Detected?	> GWPS?	MK Result ^a	Detected?	> GWPS?	MK Result ^a	Detected?	> GWPS?	MK Result ^a	Detected?	> GWPS?	MK Result ^a
1,4-Dichlorobenzene	0.075	no	no	--	no	no	--	no	no	--	no	no	--	no	no	--
2,4-D	0.1	no	no	▼	no	no	--	no	no	▼	no	no	NST	no	no	NST
2,4,5-T	0.122	YES	no	▼	no	no	▼	no	no	▼	no	no	▼	no	no	▼
2,4,5-TP (Silvex)	0.01	no	no	NST	no	no	--	no	no	NST	no	no	NST	no	no	NST
2-Chlorophenol	0.071	no	no	--	no	no	--	no	no	--	no	no	--	no	no	--
2-Methylnaphthalene	0.027	no	no	--	no	no	--	no	no	--	no	no	NST	no	no	--
4-Chloroaniline	0.0004	no	no	--	no	no	--	no	no	--	no	no	--	no	no	--
Acetone	12.714	YES	no	▼	YES	no	NST	no	no	NST	YES	no	NST	YES	no	NST
Acetonitrile	0.257	no	no	NST	no	no	NST	no	no	--	no	no	--	YES	no	NST
Aldicarb	0.015	no	no	NST	no	no	--	no	no	--	no	no	--	no	no	--
Antimony	0.006	no	no	--	no	no	NST	no	no	--	no	no	--	YES	no	NST
Arsenic	0.05	YES	no	▲	YES	no	▲	no	no	▼	YES	no	▲	YES	no	▼
Barium	1	YES	no	NST	YES	no	▼	YES	no	▲	YES	no	NST	YES	no	▼
Carbon Disulfide	0.559	YES	no	▲	YES	no	NST	no	no	NST	no	no	▲	YES	no	NST
Chromium	0.05	YES	no	NST	YES	no	NST	no	no	▼	no	no	NST	YES	no	NST
m-cresol (3-methylphenol)	0.716	YES	no	▼	no	no	--	no	no	--	no	no	--	YES	no	▲
p-cresol (4-methylphenol)	0.072	YES	no	▼	no	no	--	no	no	--	no	no	--	YES	YES	NST
Cyanide	0.2	no	no	NST	no	no	NST	no	no	NST	no	no	NST	YES	YES	NST
Dibenzofuran	0.0012	no	no	--	no	no	--	no	no	--	no	no	--	no	no	--
Ethylbenzene	0.7	YES	no	▼	no	no	--	no	no	--	no	no	--	YES	no	NST
Fluorene	0.043	no	no	--	no	no	--	no	no	--	no	no	NST	no	no	--
Fluoride	4	no	no	NST	no	no	NST	YES	no	▼	no	no	NST	no	no	NST
Formaldehyde	0.042 ^b	YES	YES	▼	YES	YES	▼	no	no	NST	YES	YES	NST	YES	YES	NST
Methylacrylonitrile	0.001	no	no	--	no	no	NST	no	no	--	no	no	--	no	no	--
Methyl Ethyl Ketone	6.549	YES	no	▼	no	no	--	no	no	--	no	no	--	YES	no	NST
Methylene Chloride	0.005	no	no	NST	no	no	--	no	no	--	no	no	--	no	no	--
Naphthalene	0.001	no	no	NST	no	no	--	no	no	--	no	no	NST	no	no	NST
Nickel	0.1	no	no	NST	YES	no	NST	YES	no	NST	no	no	NST	YES	no	▲
Phenanthrene	0.011	no	no	--	no	no	--	no	no	--	no	no	NST	no	no	--
Phenol	4.475	no	no	▼	no	no	NST	no	no	--	no	no	--	YES	no	NST
Pyridine	0.015	YES	no	▲	no	no	--	no	no	--	no	no	--	no	no	--
Selenium	0.01	no	no	▼	YES	no	▲	no	no	▼	no	no	NST	YES	no	NST
Sulfide	3.72	YES	YES	NST	no	no	▼	YES	no	▼	YES	no	▼	YES	YES	NST
Toluene	1	YES	no	NST	no	no	--	no	no	--	no	no	--	YES	no	▲
Vanadium	0.001	YES	YES	▼	YES	YES	▲	YES	no	NST	YES	no	▲	YES	YES	NST
Xylenes	10	YES	no	NST	no	no	NST	no	no	--	no	no	--	YES	no	NST
Zinc	4.674	no	no	NST	no	no	NST	YES	no	NST	YES	no	NST	no	no	NST

Notes:

^a Mann-Kendall trend results include data collected between 2006 and 2022.

^b The maximum detected result of 0.042 mg/L is used instead of the GWPS because the distribution of formaldehyde detection is non-parametric and the background result is greater than the regulatory standard of 0.002 mg/L.

Acronyms and Abbreviations:

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mg/L: milligrams per liter

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>: greater than

Table 3. Mann-Kendall Trend Results
Union Carbide Corporation,
Woodbine, Camden County, Georgia

Well Identification		MW-46			MW-47			MW-48			MW-49			MW-50		
Interval		Deep			Shallow			Deep			Deep			Deep		
Type		Non-POC			Non-POC			Non-POC			Non-POC			Non-POC		
Constituent	GWPS (mg/L)	Detected?	> GWPS?	MK Result ^a	Detected?	> GWPS?	MK Result ^a	Detected?	> GWPS?	MK Result ^a	Detected?	> GWPS?	MK Result ^a	Detected?	> GWPS?	MK Result ^a
1,4-Dichlorobenzene	0.075	no	no	--	no	no	--	no	no	--	no	no	--	no	no	--
2,4-D	0.1	no	no	--	no	no	--	no	no	▼	no	no	--	no	no	--
2,4,5-T	0.122	no	no	NST	no	no	▼	no	no	▼	no	no	--	no	no	--
2,4,5-TP (Silvex)	0.01	no	no	--	no	no	NST	no	no	NST	no	no	--	no	no	--
2-Chlorophenol	0.071	no	no	--	no	no	--	no	no	▼	no	no	--	no	no	--
2-Methylnaphthalene	0.027	no	no	--	no	no	NST	no	no	NST	no	no	--	no	no	--
4-Chloroaniline	0.0004	no	no	--	no	no	--	no	no	--	no	no	--	no	no	--
Acetone	12.714	YES	no	▲	YES	no	NST	YES	no	▼	YES	no	NST	YES	no	NST
Acetonitrile	0.257	no	no	--	no	no	--	no	no	▼	no	no	--	no	no	▼
Aldicarb	0.015	no	no	--	no	no	--	no	no	NST	no	no	--	no	no	--
Antimony	0.006	no	no	--	no	no	--	no	no	--	no	no	--	no	no	--
Arsenic	0.05	no	no	--	YES	no	▼	YES	no	▼	no	no	--	no	no	NST
Barium	1	YES	no	▼	YES	no	▼	YES	no	▼	YES	no	▲	YES	no	▼
Carbon Disulfide	0.559	YES	no	NST	YES	no	▲	YES	no	▼	YES	no	NST	YES	no	NST
Chromium	0.05	no	no	--	YES	no	NST	YES	no	▼	no	no	--	no	no	--
m-cresol (3-methylphenol)	0.716	no	no	--	no	no	--	no	no	▼	no	no	--	no	no	NST
p-cresol (4-methylphenol)	0.072	no	no	--	no	no	--	no	no	▼	no	no	--	no	no	--
Cyanide	0.2	no	no	--	no	no	NST	no	no	NST	YES	no	NST	YES	no	NST
Dibenzofuran	0.0012	no	no	--	no	no	--	no	no	--	no	no	--	no	no	--
Ethylbenzene	0.7	no	no	--	no	no	NST	YES	no	NST	no	no	--	no	no	--
Fluorene	0.043	no	no	--	no	no	NST	no	no	--	no	no	--	no	no	--
Fluoride	4	no	no	NST	YES	no	NST	YES	no	▼	no	no	NST	no	no	▼
Formaldehyde	0.042 ^b	no	no	▼	no	no	▼	YES	YES	NST	YES	YES	NST	YES	YES	NST
Methylacrylonitrile	0.001	no	no	--	no	no	--	no	no	--	no	no	--	no	no	--
Methyl Ethyl Ketone	6.549	no	no	--	no	no	--	no	no	▼	no	no	--	no	no	--
Methylene Chloride	0.005	no	no	--	no	no	--	no	no	▼	no	no	--	no	no	--
Naphthalene	0.001	no	no	--	no	no	NST	no	no	▼	no	no	--	no	no	NST
Nickel	0.1	no	no	--	no	no	--	YES	no	▲	no	no	--	no	no	--
Phenanthrene	0.011	no	no	NST	no	no	NST	no	no	--	no	no	--	no	no	--
Phenol	4.475	no	no	--	no	no	--	no	no	▼	no	no	--	no	no	--
Pyridine	0.015	no	no	--	no	no	--	no	no	NST	no	no	--	no	no	--
Selenium	0.01	no	no	--	no	no	▼	no	no	▼	no	no	--	no	no	NST
Sulfide	3.72	YES	no	▲	YES	no	▼	YES	YES	▼	YES	no	▲	YES	no	▲
Toluene	1	no	no	NST	no	no	--	YES	no	▼	no	no	NST	no	no	NST
Vanadium	0.001	no	no	▲	YES	YES	▲	YES	YES	▼	no	no	--	no	no	NST
Xylenes	10	no	no	--	no	no	▼	YES	no	NST	no	no	--	no	no	--
Zinc	4.674	YES	no	NST	YES	no	NST	YES	no	▲	no	no	NST	YES	no	NST

Notes:

^a Mann-Kendall trend results include data collected between 2006 and 2022.

^b The maximum detected result of 0.042 mg/L is used instead of the GWPS because the distribution of formaldehyde detection is non-parametric and the background result is greater than the regulatory standard of 0.002 mg/L.

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>: greater than

Table 3. Mann-Kendall Trend Results
Union Carbide Corporation,
Woodbine, Camden County, Georgia

Well Identification		MW-51			MW-52		
Interval		Deep			Deep		
Type		Non-POC			Non-POC		
Constituent	GWPS (mg/L)						
		Detected?	> GWPS?	MK Result ^a	Detected?	> GWPS?	MK Result ^a
1,4-Dichlorobenzene	0.075	no	no	--	no	no	--
2,4-D	0.1	no	no	--	no	no	--
2,4,5-T	0.122	no	no	--	no	no	--
2,4,5-TP (Silvex)	0.01	no	no	--	no	no	--
2-Chlorophenol	0.071	no	no	--	no	no	--
2-Methylnaphthalene	0.027	no	no	--	no	no	--
4-Chloroaniline	0.0004	no	no	--	no	no	--
Acetone	12.714	YES	no	▲	no	no	--
Acetonitrile	0.257	no	no	--	no	no	--
Aldicarb	0.015	no	no	--	no	no	--
Antimony	0.006	no	no	NST	no	no	--
Arsenic	0.05	YES	no	NST	no	no	--
Barium	1	YES	no	▼	YES	no	NST
Carbon Disulfide	0.559	YES	no	NST	no	no	NST
Chromium	0.05	YES	no	▼	YES	no	NST
m-cresol (3-methylphenol)	0.716	no	no	--	no	no	--
p-cresol (4-methylphenol)	0.072	no	no	--	no	no	--
Cyanide	0.2	no	no	--	no	no	--
Dibenzofuran	0.0012	no	no	--	no	no	--
Ethylbenzene	0.7	no	no	--	no	no	--
Fluorene	0.043	no	no	--	no	no	--
Fluoride	4	YES	no	NST	YES	no	NST
Formaldehyde	0.042 ^b	no	no	NST	YES	YES	NST
Methylacrylonitrile	0.001	no	no	--	no	no	--
Methyl Ethyl Ketone	6.549	no	no	--	no	no	--
Methylene Chloride	0.005	no	no	--	no	no	--
Naphthalene	0.001	no	no	--	no	no	NST
Nickel	0.1	no	no	▼	no	no	NST
Phenanthrene	0.011	no	no	--	no	no	--
Phenol	4.475	no	no	--	no	no	--
Pyridine	0.015	no	no	--	no	no	--
Selenium	0.01	no	no	NST	no	no	--
Sulfide	3.72	no	no	▼	no	no	NST
Toluene	1	no	no	NST	no	no	NST
Vanadium	0.001	YES	YES	NST	no	no	NST
Xylenes	10	no	no	--	no	no	--
Zinc	4.674	YES	no	NST	no	no	NST

Notes:

^a Mann-Kendall trend results include data collected between 2006 and 2022.

^b The maximum detected result of 0.042 mg/L is used instead of the GWPS because the distribution of formaldehyde detection is non-parametric and the background result is greater than the regulatory standard of 0.002 mg/L.

Acronyms and Abbreviations:

▲ : statistically significant, increasing trend

▼ : statistically significant, decreasing trend

GWPS: Groundwater Protection Standard

mg/L: milligrams per liter

MK: Mann-Kendall

NST: no significant trend (stable)

POC: Point-of-Compliance

>: greater than

Table 4. Current and Historical Analytical Results
Union Carbide Corporation,
Woodbine, Camden County, Georgia



Constituent GWPS	Sample Dates	MW-1	MW-37	MW-6	MW-7	MW-8	MW-34	MW-38	MW-39	MW-17	MW-18	MW-20	MW-21	MW-23	MW-23A
		Upgradient	Upgradient	POC	POC	POC	POC	POC	POC	Todd Creek	Todd Creek	Todd Creek	Todd Creek	Todd Creek	Todd Creek
		Shallow	Deep	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Deep	Shallow	Deep	Shallow	Shallow
Acetone 12.714	11/24/97	BRL	BRL	1.1	6.6	BRL	BRL	BRL	0.30	BRL	BRL	BRL	BRL	BRL	--
	3/26/98	BRL	--	1.5	0.15	BRL	BRL	BRL	BRL	--	--	--	--	--	--
	5/28/98	BRL	--	0.75	0.46	BRL	BRL	BRL	0.10	--	--	--	--	--	--
	9/16/98	BRL	--	0.21	1.3	0.051	BRL	BRL	BRL	--	--	--	--	--	--
	11/19/98	BRL	BRL	0.13	1.1	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	--
	2/8/99	BRL	--	0.25	1.0	BRL	BRL	BRL	0.13	--	--	--	--	--	--
	5/11/99	BRL	--	0.25	0.99	BRL	BRL	BRL	BRL	--	--	--	--	--	--
	11/8-9/99	BRL	BRL	0.79	0.97	BRL	BRL	0.093	BRL	BRL	BRL	0.065	BRL	BRL	--
	4/18-19/00	BRL	BRL	1.4	0.67	BRL	BRL	BRL	BRL	BRL	BRL	0.31	BRL	BRL	--
	10/16/2000	BRL	BRL	BRL	1.25 U	BRL	BRL	BRL	BRL	BRL	BRL	0.5 U	BRL	BRL	--
	4/10/01	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	--
	11/7-8/01	BRL	BRL	0.22	0.075	BRL	BRL	BRL	BRL	BRL	BRL	0.19	BRL	BRL	--
	4/16-17/02	BRL	BRL	0.073	0.11	BRL	BRL	BRL	0.041	BRL	BRL	0.088	BRL	BRL	--
	10/30-31/02	0.0099 U	0.0099 U	0.048	0.095	0.012 U	0.012 U	0.012 U	0.027	0.012 U	0.012 U	0.0099 U	0.0099 U	0.0099 U	--
	4/21-24/03	0.025 U	BRL	0.020 J	0.067	0.0043 J	0.02 J	0.025 U	0.018 J	BRL	BRL	0.0047 J	BRL	0.0061 J	--
	10/14-16/03	0.005 U	0.005 U	0.029	0.14	0.0053 J	0.005 U	0.005 U	0.016 J	0.005 U	0.005 U	0.007 J	0.005 U	0.035	--
	4/20-21/04	0.0064 U	0.0064 U	0.0064 U	0.12	0.0064 U	0.0064 U	0.0064 U	0.13	0.0064 U	0.0064 U	0.0064 U	0.0064 U	0.019 J	--
	10/18-20/04	0.0064 U	0.0064 U	0.10	0.093	0.0064 U	0.0064 U	0.0064 U	0.24	0.0064 U	0.0064 U	0.042	0.0064 U	0.0064 U	--
	4/26-27/05	0.00142 U	0.00142 U	0.0646 J	0.449	0.00142 U	0.00142 U	0.00142 U	0.245 J	0.00142 U	0.00142 U	0.0271	0.00142 U	0.00142 U	--
	11/2-4/05	0.00142 U	0.00142 U	0.0228 J	0.23 J	0.00466 J	0.0039 J	0.00142 U	0.0717 J	0.00142 U	0.00142 U	0.00456 J	0.00142 U	0.00142 U	--
	5/30-7/5/06	0.00142 U	0.00142 U	0.00142 U	1.53	0.00142 U	0.17	0.00142 U	0.00142 U	0.00142 U	0.00142 U	0.00142 U	0.00142 U	0.00142 U	--
	10/23-11/9/06	0.0025 UJ	0.0025 UJ	0.0405 J	1.62 J	--	0.0025 UJ	0.0025 UJ	0.0147 J	0.0025 UJ	0.0025 UJ	0.11 J	0.0082 J	0.00374 J	--
	1/4/07	--	--	--	--	0.00295 J	--	--	--	--	--	--	--	--	--
	3/5-8/07	0.006 U	0.006 U	0.022 J	1.9	0.006 U	0.006 U	0.006 U	0.033	0.006 U	0.006 U	0.16	0.006 U	0.006 U	--
	11/5-9/07	0.006 U	0.006 U	0.60 J	0.87	0.006 U	0.006 U	0.006 U	0.019 J	0.006 U	0.006 U	0.38	0.006 U	0.006 U	--
	1/22/08	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	4/1-3/08	0.006 U	0.006 U	0.57	0.92	0.006 U	0.006 U	0.006 U	0.0090 J	0.006 U	0.006 U	0.3 J	0.006 U	0.006 U	--
	10/27-30/08	0.006 U	0.006 U	0.58	0.51	0.006 U	0.006 U	0.006 U	0.035	0.006 U	0.006 U	0.34	0.006 U	0.006 U	--
	3/16-19/09	0.006 U	0.006 U	0.32	0.076	0.006 U	0.006 U	0.006 U	0.012 J	0.006 U	0.006 U	0.37	0.006 U	0.013 J	--
	9/14-17/09	0.006 UJ	0.006 UJ	0.21 J	0.099 J	0.006 UJ	0.006 UJ	0.006 UJ	0.007 U	0.006 UJ	0.006 UJ	0.23 J	0.006 UJ	0.008 J	--
	3/29-4/1/10	0.006 UJ	0.006 UJ	0.0080 J	0.065 J	0.006 U	0.006 UJ	0.006 U	0.0070 J	0.006 UJ	0.006 UJ	0.006 J	0.006 UJ	0.06 UJ	--
	10/5-7/10	0.006 U	0.006 U	0.014 J	0.019 J	0.006 U	0.006 U	0.006 U	0.0090 J	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	--
	3/22-24/11	0.006 U	0.006 U	0.022 J	0.062 J	0.006 U	0.006 U	0.006 U	0.017 J	0.006 UJ	0.006 UJ	0.027 J	0.006 UJ	0.006 UJ	--
	9/27-29/11	0.006 U	0.006 U	0.025	0.2 U	0.006 U	0.006 U	0.006 U	0.040	0.006 U	0.006 U	0.048	0.006 U	0.006 U	--
	3/20-22/12	0.003 U	0.003 U	0.036	0.26	0.003 U	0.003 U	0.003 U	0.022	0.003 U	0.003 U	0.015 U	0.003 U	0.003 U	--
	9/25-27/12	0.003 U	0.003 U	0.012	0.074 J	0.003 U	0.006 U	0.003 U	0.0063	0.003 U	0.003 U	0.029	0.003 U	0.003 U	--
	3/25-28/13	0.003 U	0.003 U	0.12 J	0.25	0.003 UJ	0.003 U	0.003 UJ	0.0095 J	0.003 U	0.003 U	0.48	0.013	0.0033 J	--
	9/24-26/13	0.003 U	0.003 U	0.041	0.19 J	0.0034 J	0.003 U	0.003 U	0.0063	0.003 U	0.003 U	0.49 J	0.003 U	0.003 U	--
	3/25-27/14	0.003 U	0.003 U	0.10	0.089	0.003 U	0.003 U	0.003 U	0.0030 J	0.003 U	0.003 U	0.08	0.003 U	0.003 U	--
	9/23-26/14	0.003 U	0.003 U	0.021	0.028 J	0.003 U	0.003 U	0.003 U	0.0036 J	0.003 U	0.003 U	0.006 U	0.003 U	0.003 U	--
	3/24-26/15	0.003 U	0.003 U	0.0046 J	0.032	0.003 U	0.003 U	0.003 U	0.0037 J	0.003 U	0.003 U	0.056 J	0.003 U	0.0077	--
	9/22-24/15	0.003 U	0.003 U	0.0071	0.037	0.006 UJ	0.003 U	0.003 U	0.0032 J	0.003 U	0.003 U	0.012	0.003 U	0.0046 J	--
	3/22-24/16	0.003 U	0.003 U	0.011	0.022 J	0.003 U	0.003 U	0.003 U	0.0057	0.003 U	0.003 U	0.0058	0.003 U	0.003 U	--
	9/27-29/16	0.003 U	0.003 U	0.065	0.30	0.003 U	0.003 U	0.006 U	0.030	0.003 U	0.003 U	0.003 U	0.032 J	0.003 U	--
	3/28-30/17	0.003 UJ	0.003 UJ	0.049 J	0.28 J	0.003 UJ	0.003 UJ	0.003 U	0.027 J	0.003 U	0.003 U	0.15 J	0.003 U	0.004 J	--
	9/26-28/17	0.003 U	0.003 U	0.055	0.52	0.006 U	0.003 U	0.003 U	0.11	0.003 U	0.003 U	0.0057	0.003 U	0.003 U	--
	3/20-22/18	0.003 U	0.003 U	0.063	0.26	0.006 U	0.006 U	0.003 U	0.0042 J	0.003 U	0.003 U	0.19 J	0.003 U	0.003 U	--
	9/25-27/18	0.0011 U	0.0011 U	0.012 J	0.31	0.0022 UJ	0.0008 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0015 J	0.2	0.0034 J	0.0023 J
	3/19-21/19	0.005 UB	0.005 UB	0.02 UBJ	0.19 UB	0.025 UB	0.005 UB	0.005 UBJ	0.0064 UBJ	0.005 UB	0.005 UB	0.033	0.005 UB	0.005 UB	--

Table 4. Current and Historical Analytical Results

Union Carbide Corporation,
Woodbine, Camden County, Georgia



Constituent GWPS	Sample Dates	MW-1	MW-37	MW-6	MW-7	MW-8	MW-34	MW-38	MW-39	MW-17	MW-18	MW-20	MW-21	MW-23	MW-23A
		Upgradient	Upgradient	POC	POC	POC	POC	POC	POC	Todd Creek	Todd Creek	Todd Creek	Todd Creek	Todd Creek	Todd Creek
		Shallow	Deep	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Deep	Shallow	Deep	Shallow	Shallow
Acetone (continued) 12.714	9/10-12/19	0.0011 U	0.0011 U	0.023 J	0.069	0.0045 J	0.0011 U	0.0026 J	0.0028 J	0.0011 U	0.0011 U	0.026	0.0011 U	0.005 UB	--
	6/9-11/20	0.0050 UB	0.0050 UB	0.044	0.077	0.0050 UB	0.0050 UB	0.0010 J	0.0050 UB	0.0011 J	0.0015 J	0.0067 UB	0.0050 UB	0.0050 UB	--
	11/2-5/20	0.0010 J	0.00090 U	0.056	0.088 J	0.0030 J	0.00090 U	0.0027 J	0.012	0.0029 J	0.0038 J	0.0077 UB	0.0050 UB	0.0050 UB	--
	3/23-25/21	0.0050 UB	0.0050 UB	0.028	0.048	0.0025 J	0.0045 U	0.0050 UB	0.0050 UB	0.0050 UB	0.0050 UB	0.0082 J	0.0014 J	0.00090 U	--
	9/21-23/21	0.0013 J	0.0010 J	0.016	0.052	0.0070 U	0.00090 U	0.00090 U	0.0062	0.0017 J	0.00090 U	0.011	0.00090 U	ABANDONED	--
	3/22-24/22	0.0011 J	0.0017 J	0.013	0.03 J	0.00090 U	0.00090 U	0.00090 U	0.0051	0.00090 U	0.0012 J	0.0033 J	0.00090 U	ABANDONED	0.0017 J
	9/26-28/22	0.0010 U	0.0010 U	0.05 U	0.023	0.05 U	0.0010 U	0.00070 U	0.0014 J	0.0010 J	0.0010 U	0.0083	0.0010 U	ABANDONED	0.0057
Acetonitrile 0.257	11/24/97	BRL	BRL	5 U *F65	10 U *F65	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	--
	3/26/98	BRL	--	BRL	BRL	BRL	BRL	BRL	BRL	--	--	--	--	--	--
	5/28/98	BRL	--	10 U	1.2	BRL	BRL	BRL	BRL	--	--	--	--	--	--
	9/16/98	BRL	--	BRL	BRL	BRL	BRL	BRL	BRL	--	--	--	--	--	--
	11/19/98	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	--
	2/8/99	BRL	--	BRL	3.4	BRL	BRL	BRL	BRL	--	--	--	--	--	--
	5/11/99	BRL	--	1.3	6.6	BRL	BRL	BRL	BRL	--	--	--	--	--	--
	11/8-9/99	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	--
	4/18-19/00	BRL	0.2 U	2 U	BRL	BRL	BRL	BRL	BRL	0.2 U	0.2 U	BRL	0.2 U	0.2 U	--
	10/16/2000	BRL	0.2 U	BRL	10 U	BRL	BRL	BRL	BRL	0.2 U	0.2 U	4 U	0.2 U	0.2 U	--
	4/10/01	0.60	0.2 U	BRL	BRL	BRL	BRL	BRL	BRL	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--
	11/7-8/01	BRL	0.2 U	0.30	BRL	BRL	BRL	BRL	BRL	0.2 U	0.2 U	0.31	0.2 U	0.2 U	--
	4/16-17/02	BRL	0.2 U	BRL	BRL	BRL	BRL	BRL	BRL	0.2 U	0.2 U	0.2	0.2 U	0.2 U	--
	10/30-31/02	0.2 U	0.2 U	0.11 J	0.094 J	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--
	4/21-24/03	0.2 U	0.2 U	0.088 J	0.052 J	0.2 U	0.2 U	0.2 U	0.027 J	0.2 U	0.2 U	0.2 U	0.2 U	0.056 J	--
	10/14-16/03	0.04 U	0.04 U	0.078	0.13	0.04 U	0.04 U	0.04 U	0.03 J	0.04 U	0.04 U	0.043	0.04 U	0.035 J	--
	4/20-21/04	0.2 U	0.2 U	0.73	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--
	10/18-20/04	0.2 U	0.2 U	0.38	0.041 J	0.2 U	0.2 U	0.2 U	0.14 J	0.2 U	0.2 U	0.098 J	0.2 U	0.2 U	--
	4/26-27/05	0.025 U	0.025 U	0.25 U	0.25 U	0.025 U	0.025 U	0.025 U	0.25 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	--
	11/2-4/05	0.00286 UJ	0.00286 UJ	0.00286 U	0.0286 UJ	0.00286 UJ	0.00286 U	0.00286 U	0.00286 UJ	0.00286 UJ	0.00286 UJ	0.00286 UJ	0.00286 UJ	0.00286 UJ	--
	5/30-7/5/06	0.00286 U	0.00286 U	0.17	0.143 U	0.00286 U	0.00572 U	0.00286 U	0.00286 U	0.00286 U	0.00286 U	0.00286 U	0.00286 U	0.00286 U	--
	10/23-11/9/06	0.05 UJ	0.05 UJ	0.301 J	0.56 J	--	0.05 UJ	0.05 U	0.05 UJ	0.05 U	0.05 U	0.0713 J	0.05 U	0.05 U	--
	1/4/07	--	--	--	--	0.05 UJ	--	--	--	--	--	--	--	--	--
	3/5-8/07	0.025 U	0.025 U	0.54	0.40 J	0.025 U	0.025 U	0.025 U	0.052 J	0.025 U	0.025 U	0.41	0.025 U	0.025 U	--
	11/5-9/07	0.025 U	0.025 U	0.025 U	0.65	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.81	0.025 U	0.025 U	--
	1/22/08	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	4/1-3/08	0.025 U	0.025 U	0.27	0.41	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.58 J	0.025 U	0.025 U	--
	10/27-30/08	0.025 U	0.025 U	0.14 J	0.25 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.47	0.025 U	0.025 U	--
	3/16-19/09	0.025 U	0.025 U	0.16	0.060 J	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.57 J	0.025 U	0.025 U	--
	9/14-17/09	0.025 U	0.025 U	0.15	0.10 J	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.2 J	0.025 U	0.052 J	--
	3/29-4/1/10	0.025 U	0.025 U	0.051 J	0.039 J	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.25 U	--
	10/5-7/10	0.025 U	0.025 U	0.048 J	0.086 J	0.025 U	0.025 U	0.025 U	0.025 UJ	0.025 U	0.025 U	0.053 J	0.025 U	0.025 U	--
	3/22-24/11	0.025 U	0.025 U	0.090 J	0.033 J	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.18 J	0.025 U	0.025 U	--
	9/27-29/11	0.025 U	0.025 U	0.26	1.8 J	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.25	0.025 U	0.025 U	--
	3/20-22/12	0.007 U	0.007 U	0.14	0.35 U	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U	0.094 J	0.007 U	0.007 U	--
	9/25-27/12	0.007 U	0.007 U	0.12	0.29 J	0.007 U	0.025 U	0.007 U	0.007 U	0.007 U	0.007 U	0.2 J	0.007 U	0.007 U	--
	3/25-28/13	0.007 U	0.007 U	0.094	0.19	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U	0.5	0.007 U	0.0078 J	--
	9/24-26/13	0.007 U	0.007 U	0.12	0.20 J	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U	0.42 J	0.013 J	0.018 J	--
	3/25-27/14	0.007 U	0.007 U	0.14	0.15 J	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U	0.57 J	0.015 J	0.023	--
	9/23-26/14	0.007 UJ	0.007 UJ	0.039 J	0.060 J	0.007 U	0.007 UJ	0.007 U	0.007 UJ	0.007 UJ	0.007 UJ	0.11 J	0.015 J	0.058 J	--
	3/24-26/15	0.007 U	0.007 U	0.088	0.030 J	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U	0.22 J	0.01 J	0.11 J	--
	9/22-24/15	0.007 U	0.007 U	0.099	0.014 J	0.025 U	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U	0.071 J	0.007 U	0.048 J	--
	3/22-24/16	0.007 UJ	0.007 UJ	0.083	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U	0.007 UJ	0.007 UJ	0.048 J	0.007 UJ	0.007 UJ	--
	9/27-29/16	0.007 U	0.007 U	0.087	0.013 J	0.007 U	0.007 U	0.025 U	0.007 U	0.007 U	0.007 U	0.007 U	0.07 U	0.007 U	--

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Constituent GWPS	Sample Dates	MW-1	MW-37	MW-6	MW-7	MW-8	MW-34	MW-38	MW-39	MW-17	MW-18	MW-20	MW-21	MW-23	MW-23A
		Upgradient	Upgradient	POC	POC	POC	POC	POC	POC	Todd Creek	Todd Creek	Todd Creek	Todd Creek	Todd Creek	Todd Creek
		Shallow	Deep	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Deep	Shallow	Deep	Shallow	Shallow
Acetonitrile (continued) 0.257	3/28-30/17	0.007 U	0.007 U	0.12	0.014 U	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U	0.081 J	0.007 U	0.007 U	--
	9/26-28/17	0.007 U	0.007 U	0.16	0.10 J	0.014 U	0.007 U	0.007 U	0.025 U	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U	--
	3/20-22/18	0.007 U	0.007 U	0.12 J	0.041 J	0.014 U	0.014 U	0.007 U	0.007 U	0.007 U	0.007 U	0.048	0.007 U	0.007 U	--
	9/25-27/18	0.0039 U	0.0039 U	0.0039 UJ	0.2 U	0.0078 UJ	0.028 U	0.0039 U	0.0039 U	0.0039 U	0.0039 U	0.0039 U	0.0039 U	0.0039 U	--
	3/19-21/19	0.0039 U	0.0039 U	0.034 J	0.02 U	0.02 U	0.0039 U	0.0039 U	0.0039 UJ	0.0039 U	0.0039 U	0.0048 J	0.0039 U	0.0039 U	--
	9/10-12/19	0.0039 U	0.0039 U	0.13	0.02 U	0.0039 U	0.0039 U	0.0039 U	0.0039 U	0.0039 U	0.0039 U	0.0039 U	0.0039 U	0.0039 U	--
	6/9-11/20	0.0030 U	0.0030 U	0.057	0.015 U	0.0030 U	0.0030 U	0.0030 U	0.0030 U	0.0030 U	0.0030 U	0.0030 U	0.0030 U	0.0030 U	--
	11/2-5/20	0.0030 U	0.0030 U	0.052	0.16 U	0.0030 U	0.0030 U	0.0030 U	0.0030 U	0.0030 U	0.0030 U	0.0030 U	0.0030 U	0.0030 U	--
	3/23-25/21	0.0030 U	0.0030 U	0.05 J	0.026 J	0.0030 U	0.015 U	0.0030 U	0.0030 U	0.0030 U	0.0030 U	0.0060 U	0.0030 U	0.0030 U	--
	9/21-23/21	0.0050 U	0.0050 U	0.0050 U	0.025 U	0.16 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	ABANDONED	--
	3/22-24/22	0.0050 U	0.0050 U	0.029	0.05 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	ABANDONED	0.0050 U
Methyl Ethyl Ketone 6.549	9/26-28/22	0.0050 U	0.0050 U	0.25 U	0.0050 U	0.25 U	0.0050 U	0.016 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	ABANDONED	0.0050 U
	11/24/97	BRL	BRL	0.12 U	0.34	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	--
	3/26/98	BRL	--	0.12	BRL	BRL	BRL	BRL	BRL	--	--	--	--	--	--
	5/28/98	BRL	--	0.25 U	BRL	BRL	BRL	0.035	BRL	--	--	--	--	--	--
	9/16/98	BRL	--	BRL	0.064	BRL	BRL	BRL	BRL	--	--	--	--	--	--
	11/19/98	BRL	BRL	BRL	0.25 U	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	--
	2/8/99	BRL	--	BRL	0.045	BRL	BRL	BRL	BRL	--	--	--	--	--	--
	5/11/99	BRL	--	BRL	0.12 U	BRL	BRL	BRL	BRL	--	--	--	--	--	--
	11/8-9/99	BRL	BRL	0.073	0.052	BRL	BRL	0.028	BRL	BRL	BRL	BRL	BRL	BRL	--
	4/18-19/00	BRL	0.005 U	0.15	0.05 U	BRL	BRL	BRL	BRL	BRL	0.005 U	BRL	0.005 U	0.005 U	--
	10/16/00	BRL	BRL	0.12	1.2 U	BRL	BRL	BRL	BRL	BRL	BRL	0.5 U	BRL	BRL	--
	4/10/01	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	--
	11/7-8/01	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	--
	4/16-17/02	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	--
	10/30-31/02	0.011 U	0.011 U	0.011 U	0.0055 U	0.0055 U	0.011 U	0.011 U	0.0055 U	0.011 U	0.011 U	0.011 U	0.011 U	0.011 U	--
	4/21-24/03	0.025 U	BRL	0.00086 J	0.0031 J	0.025 U	0.025 U	0.025 U	0.025 U	BRL	BRL	BRL	BRL	BRL	--
	10/14-16/03	0.01 U	0.01 U	0.01 U	0.0094 J	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0018 J	--
	4/20-21/04	0.0019 U	0.0019 U	0.0019 U	0.0019 U	0.0019 U	0.0019 U	0.0019 U	0.0019 U	0.0019 U	0.0019 U	0.0019 U	0.0019 U	0.0019 U	--
	10/18-20/04	0.0019 U	0.0019 U	0.0020 J	0.0019 U	0.0019 U	0.0019 U	0.0019 U	0.0019 U	0.0019 U	0.0019 U	0.0019 U	0.0019 U	0.0019 U	--
	4/26-27/05	0.005 U	0.005 U	0.05 U	0.05 U	0.005 U	0.005 U	0.005 U	0.05 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	--
	11/2-4/05	0.000429 U	0.000429 U	0.000429 U	0.0224 J	0.000429 U	0.000429 U	0.000429 U	0.0035 J	0.000429 U	0.000429 U	0.000429 U	0.000429 U	0.000429 U	--
	1/19/06	--	--	--	0.00172 UJ	--	--	--	--	--	--	--	--	--	--
	5/30-7/5/06	0.000429 U	0.000429 U	0.00286 J	0.0215 U	0.000429 U	0.0609	0.000429 U	0.000429 U	0.000429 U	0.000429 U	0.000429 U	0.000429 U	0.000429 U	--
	10/23-11/9/06	0.0025 U	0.0025 U	0.00372 J	0.0964	--	0.0025 U	0.0025 UJ	0.0025 UJ	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	--
	1/4/07	--	--	--	--	0.0025 UJ	--	--	--	--	--	--	--	--	--
	3/5-8/07	0.003 U	0.003 U	0.006 U	0.12 J	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.004 J	0.003 U	0.003 U	--
	11/5-9/07	0.003 U	0.003 U	0.055	0.058	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.012	0.003 U	0.003 U	--
	1/22/08	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	4/1-3/08	0.003 U	0.003 U	0.059 J	0.064	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.008 J	0.003 U	0.003 U	--
	10/27-30/08	0.003 U	0.003 U	0.052	0.037 J	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.009 J	0.003 U	0.003 U	--
	3/16-19/09	0.003 U	0.003 U	0.034	0.006 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.01 J	0.003 U	0.003 U	--
	9/14-17/09	0.003 U	0.003 U	0.027	0.007 J	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.009 J	0.003 U	0.003 U	--
	3/29-4/1/10	0.003 U	0.003 U	0.003 U	0.008 J	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.03 U	--
	10/5-7/10	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	--
	3/22-24/11	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.004 J	0.003 U	0.003 U	--
	9/27-29/11	0.003 U	0.003 U	0.003 U	0.03 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.012	0.003 U	0.003 U	--
	3/20-22/12	0.001 U	0.001 U	0.0015 J	0.05 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.005 U	0.001 U	0.001 U	--
	9/25-27/12	0.001 U	0.001 U	0.001 U	0.02 U	0.001 U	0.003 U	0.001 U	0.001 U	0.001 U	0.001 U	0.005 U	0.001 U	0.001 U	--
	3/25-28/13	0.001 U	0.001 U	0.001 U	0.019 J	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.022	0.001 U	0.001 U	--
	9/24-26/13	0.001 U	0.001 U	0.005 J	0.012	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.022	0.001 U	0.001 U	--

Table 4. Current and Historical Analytical Results
Union Carbide Corporation,
Woodbine, Camden County, Georgia



Constituent GWPS	Sample Dates	MW-1	MW-37	MW-6	MW-7	MW-8	MW-34	MW-38	MW-39	MW-17	MW-18	MW-20	MW-21	MW-23	MW-23A
		Upgradient	Upgradient	POC	POC	POC	POC	POC	POC	Todd Creek	Todd Creek	Todd Creek	Todd Creek	Todd Creek	Todd Creek
		Shallow	Deep	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Deep	Shallow	Deep	Shallow	Shallow
Methyl Ethyl Ketone (continued) 6.549	3/25-27/14	0.001 U	0.001 U	0.010	0.0056 J	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0062 J	0.001 U	0.001 U	--
	9/23-26/14	0.001 U	0.001 U	0.0024 J	0.003 UJ	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	0.001 U	--
	3/24-26/15	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	0.001 UJ	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	--
	9/22-24/15	0.001 U	0.001 U	0.001 U	0.002 U	0.003 UJ	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	--
	3/22-24/16	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	--
	9/27-29/16	0.001 U	0.001 U	0.0051	0.042 J	0.001 U	0.001 U	0.003 U	0.0013 J	0.001 U	0.001 U	0.001 U	0.01 U	0.001 U	--
	3/28-30/17	0.001 U	0.001 U	0.0021 J	0.0099 J	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0076	0.001 U	0.001 U	--
	9/26-28/17	0.001 U	0.001 U	0.001 U	0.033 J	0.002 U	0.001 U	0.001 U	0.003 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	--
	3/20-22/18	0.001 U	0.001 U	0.01 U	0.021	0.002 U	0.002 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0084 J	0.001 U	0.001 U	--
	9/25-27/18	0.0007 U	0.0007 U	0.0007 UJ	0.035 U	0.0014 UJ	0.001 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U	--
	3/19-21/19	0.0007 U	0.0007 U	0.0007 UJ	0.013 J	0.0035 U	0.0007 U	0.0007 U	0.0007 UJ	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U	--
	9/10-12/19	0.0007 U	0.0007 U	0.001 U	0.0035 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.0016 J	0.0007 U	0.0007 U	--
	6/9-11/20	0.00060 U	0.00060 U	0.00060 U	0.0060 U	0.00060 U	0.00060 U	0.00060 U	0.00060 U	0.00060 U	0.00060 U	0.00060 U	0.00060 U	0.00060 U	--
	11/2-5/20	0.00060 U	0.00060 U	0.0064	0.0030 U	0.00060 U	0.00060 U	0.00060 U	0.00060 U	0.00060 U	0.00060 U	0.00060 U	0.00060 U	0.00060 U	--
	3/23-25/21	0.00060 U	0.00060 U	0.0030 U	0.0018 J	0.00060 U	0.0030 U	0.00060 U	0.00060 U	0.00060 U	0.00060 U	0.0012 U	0.00060 U	0.00060 U	--
	9/21-23/21	0.00060 U	0.00060 U	0.00060 U	0.0030 U	0.0050 U	0.00060 U	0.00060 U	0.00060 U	0.00060 U	0.00060 U	0.00060 U	0.00060 U	ABANDONED	--
	3/22-24/22	0.00060 U	0.00060 U	0.00060 U	0.0060 U	0.00060 U	0.00060 U	0.00060 U	0.00060 U	0.00060 U	0.00060 U	0.00060 U	0.00060 U	ABANDONED	0.00060 U
	9/26-28/22	0.0010 U	0.0010 U	0.05 U	0.0010 U	0.05 U	0.0010 U	0.00050 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U	ABANDONED	0.0010 U
Carbon Disulfide 0.559	11/24/97	BRL	BRL	0.036	0.05 U	BRL	BRL	BRL	0.0062	BRL	BRL	0.0074	BRL	0.0054	--
	3/26/98	0.18	--	0.18	BRL	0.0066	0.041	0.040	0.070	--	--	--	--	--	--
	5/28/98	BRL	--	0.05 U	BRL	BRL	BRL	BRL	BRL	--	--	--	--	--	--
	9/16/98	BRL	--	BRL	BRL	BRL	BRL	BRL	BRL	--	--	--	--	--	--
	11/19/98	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	--
	2/8/99	BRL	--	BRL	BRL	BRL	BRL	BRL	BRL	--	--	--	--	--	--
	5/11/99	BRL	--	BRL	BRL	BRL	BRL	BRL	BRL	--	--	--	--	--	--
	11/8-9/99	BRL	BRL	BRL	BRL	BRL	BRL	0.0079	BRL	BRL	BRL	0.0057	BRL	BRL	--
	4/18-19/00	BRL	BRL	0.05 U	0.05 U	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	--
	10/16/00	BRL	BRL	BRL	0.25 U	BRL	BRL	BRL	BRL	0.011	BRL	0.1 U	0.0065	BRL	--
	4/10/01	BRL	BRL	BRL	BRL	BRL	BRL	0.0054	BRL	BRL	BRL	BRL	BRL	BRL	--
	11/7-8/01	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	--
	4/16-17/02	BRL	BRL	0.0072	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	0.0071	--
	10/30-31/02	0.0015 U	0.0015 U	0.0028 J	0.0048 J	0.00035 U	0.00035 U	0.00035 U	0.0032 J	0.00035 U	0.00035 U	0.0015 U	0.0015 U	0.0054	--
	4/21-24/03	0.005 U	BRL	0.0014 J	0.0021 J	0.005 U	0.005 U	0.005 U	0.00093 J	BRL	BRL	BRL	BRL	0.0035 J	--
	10/14-16/03	0.001 U	*0.00087	0.0018	0.0025	0.001 U	0.001 U	0.001 U	0.0017	0.001 U	0.001 U	0.00077 J	0.001 U	0.0036	--
	4/20-21/04	0.00024 U	*0.001	0.003 J	0.001 J	0.0010 J	0.00024 U	0.0040 J	0.0020 J	0.002 J	0.00024 U	0.003 J	0.00024 U	0.006	--
	10/18-20/04	0.012	*0.004	0.046	0.058	0.026	0.011	0.0090	0.030	0.00024 U	0.003 J	0.02	0.016	0.013	--
	4/26-27/05	0.0195	0.00559	0.0354 J	0.0217 J	0.0124	0.000098 U	0.000098 U	0.0247 J	0.000098 U	0.031	0.0233	*0.00186	0.0264	--
	11/2-4/05	0.000098 U	*0.00166	0.00862	0.00098 U	0.0155	0.00255 J	0.000098 U	0.00439 J	0.000098 U	0.000098 U	0.0015 J	0.000098 U	0.000098 U	--
	5/30-7/5/06	0.000098 U	0.000098 U	0.000098 U	0.0049 U	0.000098 U	0.000196 U	0.000098 U	0.000098 U	0.000098 U	0.000098 U	0.000098 U	0.000098 U	0.000098 U	--
	10/23-11/9/06	0.0005 U	0.0005 U	0.00155 J	0.00108 J	--	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.000844 J	0.0005 U	0.0005 U	--
	1/4/07	--	--	--	--	0.0005 U	--	--	--	--	--	--	--	--	--
	3/5-8/07	0.001 U	0.001 U	0.003 J	0.01 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 J	0.001 U	0.001 U	--
	11/5-9/07	0.001 U	0.001 U	0.005 J	0.001 J	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.003 J	0.001 U	0.001 U	--
	1/22/08	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	4/1-3/08	0.001 U	0.001 U	0.004 J	0.002 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.002 J	0.001 U	0.001 U	--
	10/27-30/08	0.001 U	0.001 U	0.002 J	0.01 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.002 J	0.001 U	0.001 U	--
	3/16-19/09	0.001 U	0.001 U	0.002 J	0.002 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.002 J	0.001 U	0.001 U	--
	9/14-17/09	0.001 U	0.001 U	0.002 J	0.002 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 J	0.001 U	0.001 U	--
	3/29-4/1/10	0.001 U	0.001 U	0.001 J	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 J	0.001 U	0.001 U	0.001 U	0.01 U	--
	10/5-7/10	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.002 J	--

Table 4. Current and Historical Analytical Results

Union Carbide Corporation,
Woodbine, Camden County, Georgia



Constituent GWPS	Sample Dates	MW-1	MW-37	MW-6	MW-7	MW-8	MW-34	MW-38	MW-39	MW-17	MW-18	MW-20	MW-21	MW-23	MW-23A
		Upgradient	Upgradient	POC	POC	POC	POC	POC	POC	Todd Creek	Todd Creek	Todd Creek	Todd Creek	Todd Creek	Todd Creek
		Shallow	Deep	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Deep	Shallow	Deep	Shallow	Shallow
Carbon Disulfide (continued) 0.559	3/22-24/11	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	--
	9/27-29/11	0.001 U	0.001 U	0.001 U	0.01 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.002 J	--
	3/20-22/12	0.0004 U	0.0004 U	0.0009	0.02 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.002 U	0.0004 U	0.0011	--
	9/25-27/12	0.0004 U	0.0004 U	0.0006	0.008 U	0.0004 U	0.001 U	0.0004 U	0.0004 U	0.0004 U	0.0008	0.0004 U	0.002 U	0.0004 U	0.0015
	3/25-28/13	0.0004 U	0.0004 U	0.001	0.0006	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.001 J	0.0004 U	0.0021
	9/24-26/13	0.00070	0.0006	0.005 U	0.0009 J	0.0004 U	0.0004 U	0.0005 U	0.0004 U	0.0005 J	0.0005 J	0.0011	0.0005	0.0037	--
	3/25-27/14	0.0008 U	0.0009 U	0.0018 U	0.0008 U	0.0004 U	0.0004 U	0.0004 U	0.0009 U	0.0008 U	0.0011 U	0.002 U	0.001 U	0.0018 U	--
	9/23-26/14	0.0005 U	0.0004 U	0.0005 J	0.001 U	0.0004 J	0.0005 U	0.00090	0.0004 U	0.0004 U	0.0004 U	0.0008 U	0.0004 U	0.0025 U	--
	3/24-26/15	0.0004 U	0.0004 U	0.0005 J	0.0008 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0005 J	0.0004 U	0.0005 J	0.0004 U	0.0026	--
	9/22-24/15	0.0004 J	0.0005 J	0.0007 J	0.0013 J	0.001 U	0.0004 U	0.0004 U	0.0004 U	0.001 J	0.0009 J	0.0004 U	0.0006 J	0.0028	--
	3/22-24/16	0.0004 U	0.0004 U	0.0004 J	0.0004 U	0.0019	0.004	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0007 J	--
	9/27-29/16	0.0006 J	0.0006 J	0.0012	0.0014 J	0.0005 J	0.0004 U	0.001 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.012	0.0017
	3/28-30/17	0.0004 U	0.0004 U	0.0008 J	0.0014 J	0.0004 U	0.0004 U	0.0005 J	0.0004 U	0.0008 J	0.0008 J	0.0009 J	0.0006 J	0.001 J	--
	9/26-28/17	0.0004 U	0.0004 U	0.0012	0.004 U	0.0008 U	0.0004 U	0.001 U	0.001 U	0.0005 J	0.0004 U	0.0004 UJ	0.0004 U	0.0014	--
	3/20-22/18	0.0004 U	0.0004 U	0.0081 J	0.0012 J	0.0008 U	0.0008 U	0.00040 J	0.00070 J	0.0009 J	0.0007 J	0.0008 U	0.0004 U	0.0006 J	--
	9/25-27/18	0.00009 U	0.00009 U	0.0007 J	0.013 J	0.0009 J	0.0003 U	0.00020 J	0.000090 J	0.00009 U	0.00009 U	0.0007 J	0.0001 J	0.00009 U	--
	3/19-21/19	0.0003 J	0.0004 J	0.0013	0.003 J	0.0021 J	0.0003 J	0.00009 U	0.00030 J	0.00009 U	0.0005 J	0.0006 J	0.0003 J	0.00009 U	--
	9/10-12/19	0.00009 U	0.001 UB	0.005 UB	0.0026 J	0.00009 U	0.001 UB	0.001 UB	0.001 UB	0.001 UB	0.001 UB	0.001 UB	0.001 UB	0.0011	--
	6/9-11/20	0.000060 U	0.000060 U	0.0014	0.00084 J	0.000060 U	0.000060 U	0.000060 U	0.000081 J	0.000060 U	0.000060 U	0.000093 J	0.000060 U	0.00010 J	--
	11/2-5/20	0.000060 U	0.000060 U	0.0011	0.0020 U	0.000087 J	0.000060 U	0.000060 U	0.00011 J	0.000060 U	0.000060 U	0.0010 UB	0.0010 UB	0.0010 UB	--
	3/23-25/21	0.0010 UB	0.000080 J	0.0012 J	0.00056 J	0.0010 UB	0.00033 J	0.0010 UB	0.000060 U	0.000060 U	0.000060 J	0.00014 J	0.000060 U	0.0010 UB	--
	9/21-23/21	0.0010 UB	0.0010 UB	0.00063 J	0.00066 J	0.0030 U	0.0010 UB	0.0010 UB	0.00017 J	0.000085 J	0.000067 J	0.00024 J	0.000060 U	ABANDONED	--
	3/22-24/22	0.000060 U	0.00016 J	0.00078 J	0.01 UB	0.00045 J	0.0010 UB	0.0010 UB	0.0010 UB	0.0010 UB	0.0010 UB	0.0010 UB	0.0010 UB	ABANDONED	0.0010 UB
	9/26-28/22	0.00010 U	0.00010 U	0.0070 J	0.00017 J	0.0050 U	0.00027 J	0.00030 U	0.00016 J	0.00010 U	0.00010 U	0.00016 J	0.00012 J	ABANDONED	0.00048 J
Ethylbenzene 0.70	11/24/97	BRL	BRL	0.025 U	0.05 U	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	--
	3/26/98	BRL	--	BRL	0.0081	BRL	BRL	BRL	BRL	--	--	--	--	--	--
	5/28/98	BRL	--	0.05 U	BRL	BRL	BRL	BRL	BRL	--	--	--	--	--	--
	9/16/98	BRL	--	BRL	0.0060	BRL	BRL	BRL	BRL	--	--	--	--	--	--
	11/19/98	BRL	BRL	BRL	0.05 U	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	--
	2/8/99	BRL	--	BRL	BRL	BRL	BRL	BRL	BRL	--	--	--	--	--	--
	5/11/99	BRL	--	BRL	0.025 U	BRL	BRL	BRL	BRL	--	--	--	--	--	--
	11/8-9/99	BRL	BRL	BRL	0.0067	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	--
	4/18-19/00	BRL	BRL	0.05 U	0.05 U	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	--
	10/16/2000	BRL	BRL	BRL	0.25 U	BRL	BRL	BRL	BRL	BRL	BRL	0.1 U	BRL	BRL	--
	4/10/01	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	--
	11/7-8/01	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	--
	4/16-17/02	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	--
	10/30-31/02	0.00083 U	0.00083 U	0.00011 U	0.0022 J	0.00011 U	0.00011 U	0.00011 U	0.00011 U	0.00011 U	0.00011 U	0.00083 U	0.00083 U	0.00083 U	--
	4/21-24/03	0.005 U	BRL	0.00011 U	0.00093 J	0.005 U	0.00025 J	0.005 U	0.005 U	BRL	BRL	BRL	BRL	BRL	--
	10/14-16/03	0.001 U	0.001 U	0.001 U	0.0016	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	--
	4/20-21/04	0.00036 U	0.00036 U	0.00036 U	0.002 J	0.00036 U	0.00036 U	0.00036 U	0.00036 U	0.00036 U	0.00036 U	0.00036 U	0.00036 U	0.00036 U	--
	10/18-20/04	0.00036 U	0.00036 U	0.00036 U	0.002 J	0.00036 U	0.00036 U	0.00036 U	0.00036 U	0.00036 U	0.00036 U	0.00036 U	0.00036 U	0.00036 U	--
	4/26-27/05	0.000227 U	0.000227 U	0.05 U	0.05 U	0.000227 U	0.000227 U	0.000227 U	0.05 U	0.000227 U	0.000227 U	0.000227 U	0.000227 U	0.000227 U	--
	11/2-4/05	0.000227 U	0.000227 U	0.000227 U	0.00227 U	0.000227 U	0.000227 U	0.000227 U	0.000227 U	0.000227 U	0.000227 U	0.000227 U	0.000227 U	0.000227 U	--
	5/30-7/5/06	0.000227 U	0.000227 U	0.000227 U	0.0114 U	0.000227 U	0.000454 U	0.000227 U	0.000227 U	0.000227 U	0.000227 U	0.000227 U	0.000227 U	0.000227 U	--
	10/23-11/9/06	0.00025 U	0.00025 U	0.00025 U	0.010	--	0.00025 U	0.00025 U	0.00025 U	0.00025 U	0.00025 U	0.00025 U	0.00025 U	0.00025 U	--
	1/4/07	--	--	--	--	0.00025 U	--	--	--	--	--	--	--	--	--
	3/5-8/07	0.0008 U	0.0008 U	0.002 U	0.008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	--
	11/5-9/07	0.0008 U	0.0008 U	0.0008 U	0.005 J	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	--
	1/22/08	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 4. Current and Historical Analytical Results
Union Carbide Corporation,
Woodbine, Camden County, Georgia



Constituent GWPS	Sample Dates	MW-1	MW-37	MW-6	MW-7	MW-8	MW-34	MW-38	MW-39	MW-17	MW-18	MW-20	MW-21	MW-23	MW-23A
		Upgradient	Upgradient	POC	POC	POC	POC	POC	POC	Todd Creek	Todd Creek	Todd Creek	Todd Creek	Todd Creek	Todd Creek
		Shallow	Deep	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Deep	Shallow	Deep	Shallow	Shallow
Ethylbenzene (continued) 0.70	4/1-3/08	0.0008 U	0.0008 U	0.0008 U	0.003 J	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	--
	10/27-30/08	0.0008 U	0.0008 U	0.002 U	0.008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	--
	3/16-19/09	0.0008 U	0.0008 U	0.0008 U	0.002 J	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.002 U	0.0008 U	0.0008 U	--
	9/14-17/09	0.0008 U	0.0008 U	0.0008 U	0.002 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	--
	3/29-4/1/10	0.0008 U	0.0008 U	0.0008 U	0.001 J	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.008 U	--
	10/5-7/10	0.0008 U	0.0008 U	0.0008 U	0.001 J	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	--
	3/22-24/11	0.0008 U	0.0008 U	0.0008 U	0.001 J	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	--
	9/27-29/11	0.0008 U	0.0008 U	0.0008 U	0.008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	--
	3/20-22/12	0.0001 U	0.0001 U	0.0001 U	0.005 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0005 U	0.0001 U	0.0001 U	--
	9/25-27/12	0.0001 U	0.0001 U	0.0001 U	0.002 U	0.0001 U	0.0008 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0005 U	0.0001 U	0.0001 U	--
	3/25-28/13	0.0001 U	0.0001 U	0.0001 U	0.0018	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0002 J	0.0001 U	0.0001 U	--
	9/24-26/13	0.0001 U	0.0001 U	0.0008 U	0.0017	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0002 U	0.0001 U	0.0001 U	--
	3/25-27/14	0.0001 U	0.0001 U	0.0001 U	0.0012	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0002 U	0.0001 U	0.0001 U	--
	9/23-26/14	0.0001 U	0.0001 U	0.0001 U	0.0010	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0002 U	0.0001 U	0.0001 U	--
	3/24-26/15	0.0001 U	0.0001 U	0.0001 U	0.0019	0.0001 U	0.0001 U	0.0003 J	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	--
	9/22-24/15	0.0001 U	0.0001 U	0.0001 U	0.0016	0.0005 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 J	0.0001 U	0.0001 U	--
	3/22-24/16	0.0001 U	0.0001 U	0.0001 U	0.0015	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	--
	9/27-29/16	0.0001 U	0.0001 U	0.0001 U	0.0025	0.0001 U	0.0001 U	0.0005 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.001 U	0.0001 U	--
	3/28-30/17	0.0001 U	0.0001 U	0.0001 U	0.0036	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	--
	9/26-28/17	0.0001 U	0.0001 U	0.0001 U	0.0046 J	0.0002 U	0.0001 U	0.0001 U	0.0005 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	--
	3/20-22/18	0.0001 U	0.0001 U	0.001 U	0.0027	0.0002 U	0.0002 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0002 U	0.0001 U	0.0001 U	--
	9/25-27/18	0.00005 U	0.00005 U	0.00005 UJ	0.0026 J	0.0001 UJ	0.0002 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.0001 J	0.00005 U	--
	3/19-21/19	0.00005 U	0.00005 U	0.00005 UB	0.0029	0.0003 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00007 J	0.00005 U	0.00005 U	--
	9/10-12/19	0.00005 U	0.00005 U	0.0002 U	0.0027	0.00005 U	0.00005 J	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.0001 J	0.00005 U	0.00006 J	--
	6/9-11/20	0.000060 U	0.000060 U	0.000084 J	0.0028	0.000060 U	0.000060 U	0.000060 U	0.000060 U	0.000060 U	0.000060 U	0.00025 J	0.000060 U	0.000060 U	--
	11/2-5/20	0.000060 U	0.000060 U	0.000080 J	0.0040 U	0.000060 U	0.000060 U	0.000060 U	0.000060 U	0.000060 U	0.000060 U	0.00020 J	0.000060 U	0.000060 U	--
	3/23-25/21	0.000060 U	0.000060 U	0.00030 U	0.0022	0.000060 U	0.00030 U	0.000060 U	0.000060 U	0.000060 U	0.000060 U	0.00019 J	0.000060 U	0.000060 U	--
	9/21-23/21	0.000060 U	0.000060 U	0.000069 J	0.0017 J	0.0040 U	0.000060 U	0.000060 U	0.000060 U	0.000060 U	0.000060 U	0.00023 J	0.000060 U	ABANDONED	--
	3/22-24/22	0.000060 U	0.000060 U	0.000065 J	0.0016 J	0.000060 U	0.000060 U	0.000060 U	0.000060 U	0.000060 U	0.000060 U	0.00018 J	0.000060 U	ABANDONED	0.000060 U
	9/26-28/22	0.000080 U	0.000080 U	0.0040 U	0.0017	0.0040 U	0.000080 U	0.00040 U	0.000080 U	0.000080 U	0.000080 U	0.00021 J	0.000080 U	ABANDONED	0.000080 U
Methylacrylonitrile 0.0010	11/24/97	--	BRL	0.5 U	1 U	BRL	BRL	BRL	BRL	BRL	BRL	0.25	BRL	BRL	--
	3/26/98	BRL	--	BRL	BRL	BRL	BRL	BRL	BRL	--	--	--	--	--	--
	5/28/98	BRL	--	1 U	0.15	BRL	BRL	BRL	BRL	--	--	--	--	--	--
	9/16/98	BRL	--	BRL	0.29	BRL	BRL	BRL	BRL	--	--	--	--	--	--
	11/19/98	BRL	BRL	BRL	1 U	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	--
	2/8/99	BRL	--	BRL	0.29	BRL	BRL	BRL	BRL	--	--	--	--	--	--
	5/11/99	BRL	--	BRL	0.56	BRL	BRL	BRL	BRL	--	--	--	--	--	--
	11/8-9/99	BRL	BRL	0.12	0.18	BRL	BRL	BRL	BRL	BRL	BRL	0.11	BRL	BRL	--
	4/18-19/00	BRL	BRL	1 U	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	--
	10/16/00	BRL	BRL	0.17	5 U	BRL	BRL	BRL	BRL	BRL	BRL	2 U	BRL	BRL	--
	4/10/01	BRL	0.01 U	BRL	BRL	BRL	BRL	BRL	BRL	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	--
	11/7-8/01	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	0.13	BRL	BRL	--
	4/16-17/02	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	--
	10/30-31/02	0.0084 U	0.0084 U	0.0091 J	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0084 U	0.0084 U	0.0084 U	--
	4/21-24/03	0.1 U	BRL	0.0074 J	0.0043 J	0.1 U	0.1 U	0.1 U	0.0018 J	BRL	BRL	BRL	BRL	0.015 J	--
	10/14-16/03	0.02 U	0.02 U	0.0042 J	0.0087 J	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.0071 J	--
	4/20-21/04	0.00095 U	0.00095 U	0.024 J	0.003 J	0.005 J	0.00095 U	0.00095 U	0.00095 U	0.001 J	0.00095 U	0.00095 U	0.00095 U	0.004 J	--
	10/18-20/04	0.00095 U	0.00095 U	0.00095 U	0.001 J	0.00095 U	0.00095 U	0.00095 U	0.00095 U	0.00095 U	0.00095 U	0.00095 U	0.00095 U	0.00095 U	--
	4/26-27/05	0.005 U	0.005 U	0.05 U	0.05 U	0.005 U	0.005 U	0.005 U	0.05 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	--
	11/2-4/05	0.005 U	0.005 U	0.005 U	0.05 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	--

Table 4. Current and Historical Analytical Results
Union Carbide Corporation,
Woodbine, Camden County, Georgia



Constituent GWPS	Sample Dates	MW-1	MW-37	MW-6	MW-7	MW-8	MW-34	MW-38	MW-39	MW-17	MW-18	MW-20	MW-21	MW-23	MW-23A
		Upgradient	Upgradient	POC	POC	POC	POC	POC	POC	Todd Creek	Todd Creek	Todd Creek	Todd Creek	Todd Creek	Todd Creek
		Shallow	Deep	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Deep	Shallow	Deep	Shallow	Shallow
Methylacrylonitrile (continued) 0.0010	5/30-7/5/06	0.005 U	0.005 U	0.0492 J	1.47	0.005 U	0.01 U	0.005 U	0.0131 J	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	--
	10/23-11/9/06	0.0025 UJ	0.0025 UJ	0.0026 J	0.00958	--	0.0025 UJ	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	--
	1/4/07	--	--	--	--	0.0025 U	--	--	--	--	--	--	--	--	--
	3/5-8/07	0.01 U	0.01 U	0.02 U	0.1 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	--
	11/5-9/07	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	--
	1/22/08	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	4/1-3/08	0.01 U	0.01 U	0.010 J	0.02 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 J	0.01 U	0.01 U	--
	10/27-30/08	0.01 U	0.01 U	0.02 U	0.1 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 J	0.01 U	0.01 U	--
	3/16-19/09	0.01 U	0.01 U	0.01 U	0.02 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.02 U	0.01 U	0.01 U	--
	9/14-17/09	0.01 U	0.01 U	0.01 U	0.02 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	--
	3/29-4/1/10	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.1 U	--
	10/5-7/10	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	--
	3/22-24/11	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	--
	9/27-29/11	0.01 U	0.01 U	0.01 U	0.1 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	--
	3/20-22/12	0.001 U	0.001 U	0.001 U	0.05 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.005 U	0.001 U	0.001 U	--
	9/25-27/12	0.001 U	0.001 U	0.001 U	0.02 U	0.001 U	0.01 U	0.001 U	0.001 U	0.001 U	0.001 U	0.005 U	0.001 U	0.001 U	--
	3/25-28/13	0.0003 U	0.0003 U	0.0003 U	0.0006 J	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0006 J	0.0003 U	0.0006 J	--
	9/24-26/13	0.0003 U	0.0003 U	0.01 U	0.0008 J	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0007 J	0.0003 U	0.0003 U	--
	3/25-27/14	0.0003 U	0.0003 U	0.00040 J	0.0006 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0006 U	0.0003 U	0.0003 U	--
	9/23-26/14	0.0003 U	0.0003 U	0.0003 U	0.01 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0006 U	0.0003 U	0.0003 U	--
	3/24-26/15	0.0003 U	0.0003 U	0.0054	0.0006 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0004 J	--
	9/22-24/15	0.0003 U	0.0003 U	0.0003 U	0.0006 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	--
	3/22-24/16	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	--
	9/27-29/16	0.0003 U	0.0003 U	0.00040 J	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.003 U	0.0003 U	--
	3/28-30/17	0.0003 U	0.0003 U	0.00030 J	0.0006 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	--
	9/26-28/17	0.0003 U	0.0003 U	0.0003 U	0.003 U	0.0006 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	--
	3/20-22/18	0.0003 U	0.0003 U	0.003 U	0.0006 U	0.0006 U	0.0006 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0006 U	0.0003 U	0.0003 U	--
	9/25-27/18	0.0003 U	0.0003 U	0.0003 UJ	0.015 U	0.0006 UJ	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	--
	3/19-21/19	0.0003 U	0.0003 U	0.0003 UJ	0.0015 U	0.0015 U	0.0003 U	0.0003 U	0.0003 UJ	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	--
	9/10-12/19	0.0003 U	0.0003 U	0.004 U	0.0015 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	--
	6/9-11/20	0.00030 U	0.00030 U	0.00030 U	0.0015 U	0.00030 U	0.00030 U	0.00030 U	0.00030 U	0.00030 U	0.00030 U	0.00030 U	0.00030 U	0.00030 U	--
	11/2-5/20	0.00030 U	0.00030 U	0.00030 U	0.0015 U	0.00030 U	0.00030 U	0.00030 U	0.00030 U	0.00030 U	0.00030 U	0.00030 U	0.00030 U	0.00030 U	--
	3/23-25/21	0.00030 U	0.00030 U	0.0015 U	0.00060 U	0.00030 U	0.0015 U	0.00030 U	0.00030 U	0.00030 U	0.00030 U	0.00030 U	0.00030 U	0.00030 U	--
	9/21-23/21	0.00030 U	0.00030 U	0.00030 U	0.0015 U	0.0060 U	0.00030 U	0.00030 U	0.00030 U	0.00030 U	0.00030 U	0.00030 U	0.00030 U	ABANDONED	--
	3/22-24/22	0.00030 U	0.00030 U	0.00030 U	0.0030 U	0.00030 U	0.00030 U	0.00030 U	0.00030 U	0.00030 U	0.00030 U	0.00030 U	0.00030 U	ABANDONED	0.00030 U
	9/26-28/22	0.00030 U	0.00030 U	0.015 U	0.00030 U	0.015 U	0.00030 U	0.00060 U	0.00030 U	0.00030 U	0.00030 U	0.00030 U	0.00030 U	ABANDONED	0.00030 U
Methylene Chloride 0.0050	11/24/97	BRL	BRL	0.025 U	0.05 U	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	--
	3/26/98	BRL	--	BRL	BRL	BRL	BRL	BRL	BRL	--	--	--	--	--	--
	5/28/98	BRL	--	0.05 U	BRL	BRL	BRL	BRL	BRL	--	--	--	--	--	--
	9/16/98	BRL	--	BRL	BRL	BRL	BRL	BRL	BRL	--	--	--	--	--	--
	11/19/98	BRL	BRL	BRL	0.05 U	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	--
	2/8/99	BRL	--	BRL	BRL	BRL	BRL	BRL	BRL	--	--	--	--	--	--
	5/11/99	BRL	--	BRL	0.025 U	BRL	BRL	BRL	BRL	--	--	--	--	--	--
	11/8-9/99	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	--
	4/18-19/00	BRL	BRL	0.05 U	0.05 U	BRL	BRL	BRL	BRL	BRL	BRL	0.025 U	BRL	BRL	--
	10/16/00	BRL	BRL	BRL	0.25 U	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	--
	4/10/01	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	--
	11/7-8/01	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	--
	4/16-17/02	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	--
	10/30-31/02	0.00031 U	0.00031 U	0.00051 J	0.00025 U	0.00025 U	0.00025 U	0.00025 U	0.00025 U	0.00025 U	0.00034 J	0.00025 U	0.00031 U	0.00031 U	--

Table 4. Current and Historical Analytical Results

Union Carbide Corporation,
Woodbine, Camden County, Georgia



Constituent GWPS	Sample Dates	MW-1	MW-37	MW-6	MW-7	MW-8	MW-34	MW-38	MW-39	MW-17	MW-18	MW-20	MW-21	MW-23	MW-23A
		Upgradient	Upgradient	POC	POC	POC	POC	POC	POC	Todd Creek	Todd Creek	Todd Creek	Todd Creek	Todd Creek	Todd Creek
		Shallow	Deep	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Deep	Shallow	Deep	Shallow	Shallow
Methylene Chloride (continued) 0.0050	4/21-24/03	0.005 U	BRL	0.00061 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	BRL	BRL	BRL	BRL	BRL	--
	10/14-16/03	0.00064 U	0.00064 U	0.00064 U	0.00064 U	0.00064 U	0.00064 U	0.00064 U	0.00064 U	0.00064 U	0.00064 U	0.00064 U	0.00064 U	0.00064 U	--
	4/20-21/04	0.00034 U	0.00034 U	0.00034 U	0.00034 U	0.00034 U	0.00034 U	0.00034 U	0.00034 U	0.00034 U	0.00034 U	0.00034 U	0.00034 U	0.00034 U	--
	10/18-20/04	0.00034 U	0.00034 U	0.00034 U	0.00034 U	0.00034 U	0.00034 U	0.00034 U	0.00034 U	0.00034 U	0.00034 U	0.00034 U	0.00034 U	0.00034 U	--
	4/26-27/05	0.000445 U	0.000445 U	0.0418 J	0.0381 J	0.000445 U	0.000445 U	0.000445 U	0.00445 U	0.000445 U	0.000445 U	0.000445 U	0.000445 U	0.000445 U	--
	11/2-4/05	0.000445 U	0.000445 U	0.000445 U	0.00445 U	0.000445 U	0.000445 U	0.000445 U	0.00445 U	0.000445 U	0.000445 U	0.000445 U	0.000445 U	0.000445 U	--
	5/30-7/5/06	0.00163 J	0.00178 J	0.000445 U	0.0223 U	0.000445 U	0.00089 U	0.000445 U	0.000445 U	0.00144 J	0.000445 U	0.000445 U	0.000445 U	0.00216 J	--
	10/23-11/9/06	0.00025 U	0.00025 U	0.00006 UB	0.00025 U	--	0.00025 U	0.00025 U	0.00025 U	0.00025 U	0.00025 U	0.00025 U	0.00025 U	0.00025 U	--
	1/4/07	--	--	--	--	0.00025 U	--	--	--	--	--	--	--	--	--
	3/5-8/07	0.002 U	0.002 U	0.004 U	0.02 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	--
	11/5-9/07	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	--
	1/22/08	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	4/1-3/08	0.002 U	0.002 U	0.002 U	0.004 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	--
	10/27-30/08	0.002 U	0.002 U	0.004 U	0.02 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	--
	3/16-19/09	0.002 U	0.002 U	0.002 U	0.004 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.004 U	0.002 U	0.002 U	--
	9/14-17/09	0.002 U	0.002 U	0.002 U	0.004 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	--
	3/29-4/1/10	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.02 U	--
	10/5-7/10	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	--
	3/22-24/11	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	--
	9/27-29/11	0.002 U	0.002 U	0.002 U	0.02 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	--
	3/20-22/12	0.0002 U	0.0002 U	0.00030 J	0.01 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.001 U	0.0002 U	0.0002 U	--
	9/25-27/12	0.0002 U	0.0002 U	0.00040 J	0.004 U	0.0002 U	0.002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.001 U	0.0002 U	0.0002 U	--
	3/25-28/13	0.0002 U	0.0002 U	0.00040 J	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	--
	9/24-26/13	0.0002 U	0.0002 U	0.0002 U	0.0004 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0004 U	0.0002 U	0.0002 U	--
	3/25-27/14	0.0002 U	0.0002 U	0.00020 J	0.0004 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0004 U	0.0002 U	0.0002 U	--
	9/23-26/14	0.0002 U	0.0002 U	0.0002 U	0.002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0004 U	0.0002 U	0.0002 U	--
	3/24-26/15	0.0002 U	0.0002 U	0.0002 U	0.0004 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	--
	9/22-24/15	0.0002 U	0.0002 U	0.0002 U	0.0004 U	0.002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	--
	3/22-24/16	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	--
	9/27-29/16	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.002 U	0.0002 U	--
	3/28-30/17	0.0002 U	0.0002 U	0.0002 U	0.0004 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	--
	9/26-28/17	0.0002 U	0.0002 U	0.00030 J	0.002 U	0.0004 U	0.0002 U	0.0002 U	0.0005 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	--
	3/20-22/18	0.0002 U	0.0002 U	0.002 U	0.0004 U	0.0004 U	0.0004 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0004 U	0.0002 U	0.0002 U	--
	9/25-27/18	0.00006 U	0.00006 U	0.00020 J	0.003 U	0.0001 UJ	0.0002 U	0.00006 U	0.00006 U	0.00006 U	0.00006 U	0.00007 J	0.00006 U	0.00006 U	--
	3/19-21/19	0.00006 U	0.00006 U	0.0005 UB	0.0003 U	0.0003 U	0.00006 U	0.00006 U	0.00006 U	0.00006 U	0.00006 U	0.00006 U	0.00006 U	0.00006 U	--
	9/10-12/19	0.00006 U	0.00006 U	0.001 UB	0.0003 U	0.00006 U	0.00006 U	0.00006 U	0.00006 U	0.00006 U	0.00006 U	0.00006 U	0.00006 U	0.00006 U	--
	6/9-11/20	0.000070 U	0.000070 U	0.000070 U	0.00035 U	0.000070 U	0.000070 U	0.000070 U	0.000070 U	0.000070 U	0.000070 U	0.000070 U	0.000070 U	0.000070 U	--
	11/2-5/20	0.000070 U	0.000070 U	0.00064 UB	0.0030 U	0.000070 U	0.000070 U	0.000070 U	0.000070 U	0.000070 U	0.000070 U	0.000070 U	0.000070 U	0.000070 U	--
	3/23-25/21	0.000070 U	0.000070 U	0.00073 J	0.00014 U	0.000070 U	0.00035 U	0.000070 U	0.000070 U	0.000070 U	0.000070 U	0.00014 U	0.000070 U	0.000070 U	--
	9/21-23/21	0.000070 U	0.000070 U	0.00028 J	0.00035 U	0.0030 U	0.000070 U	0.000070 U	0.000070 U	0.000070 U	0.000070 U	0.00010 J	0.000070 U	ABANDONED	--
	3/22-24/22	0.000070 U	0.000070 U	0.00051	0.00070 U	0.000070 U	0.000070 U	0.000070 U	0.000070 U	0.000070 U	0.000070 U	0.000070 U	0.000070 U	ABANDONED	0.000070 U
	9/26-28/22	0.00010 U	0.00010 U	0.0050 U	0.00010 U	0.0050 U	0.00010 U	0.00030 U	0.00010 U	0.00010 U	0.00010 U	0.00010 U	0.00010 U	ABANDONED	0.00010 U
Toluene 1.0	11/24/97	BRL	BRL	0.053	0.05 U	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	--
	3/26/98	BRL	--	0.036	BRL	BRL	BRL	BRL	BRL	--	--	--	--	--	--
	5/28/98	BRL	--	0.05 U	BRL	BRL	BRL	BRL	BRL	--	--	--	--	--	--
	9/16/98	BRL	--	0.062	BRL	BRL	BRL	BRL	BRL	--	--	--	--	--	--
	11/19/98	BRL	BRL	0.12	0.05 U	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	--
	2/8/99	BRL	--	0.052	BRL	BRL	BRL	BRL	BRL	--	--	--	--	--	--
	5/11/99	BRL	--	0.028	0.025 U	BRL	BRL	BRL	BRL	--	--	--	--	--	--
	11/8-9/99	BRL	BRL	0.018	0.0056	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	--

Table 4. Current and Historical Analytical Results

Union Carbide Corporation,
Woodbine, Camden County, Georgia



Constituent GWPS	Sample Dates	MW-1	MW-37	MW-6	MW-7	MW-8	MW-34	MW-38	MW-39	MW-17	MW-18	MW-20	MW-21	MW-23	MW-23A
		Upgradient	Upgradient	POC	POC	POC	POC	POC	POC	Todd Creek	Todd Creek	Todd Creek	Todd Creek	Todd Creek	Todd Creek
		Shallow	Deep	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Deep	Shallow	Deep	Shallow	Shallow
Toluene (continued) 1.0	4/18-19/00	BRL	BRL	0.05 U	0.05 U	BRL	BRL	BRL	BRL	BRL	BRL	0.025 U	BRL	BRL	--
	10/16/00	BRL	BRL	0.020	0.25 U	BRL	BRL	BRL	BRL	BRL	BRL	0.1 U	BRL	BRL	--
	4/10/01	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	--
	11/7-8/01	BRL	BRL	0.0084	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	--
	4/16-17/02	BRL	BRL	0.0052	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	--
	10/30-31/02	0.00051 U	0.00051 U	0.0093	0.00081 J	0.00028 U	0.00028 U	0.00028 U	0.00028 U	0.00028 U	0.00028 U	0.00051 U	0.00051 U	0.00051 U	--
	4/21-24/03	0.005 U	BRL	0.0046 J	0.00022 J	0.005 U	0.005 U	0.005 U	0.005 U	BRL	BRL	BRL	BRL	0.00063 J	--
	10/14-16/03	0.001 U	0.001 U	0.0018	0.00059 J	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0011	--
	4/20-21/04	0.00046 U	0.00046 U	0.010	0.00046 U	0.00046 U	0.00046 U	0.00046 U	0.00046 U	0.00046 U	0.00046 U	0.00046 U	0.00046 U	0.002 J	--
	10/18-20/04	0.00046 U	0.00046 U	0.0080	0.00046 U	0.00046 U	0.00046 U	0.00046 U	0.00046 U	0.00046 U	0.00046 U	0.00046 U	0.00046 U	0.00046 U	--
	4/26-27/05	0.000213 U	0.000213 U	0.05 U	0.05 U	0.000213 U	0.000213 U	0.000213 U	0.05 U	0.000213 U	0.000213 U	0.000213 U	0.000213 U	0.000213 U	--
	11/2-4/05	0.000213 U	0.000213 U	0.00112 J	0.000213 U	0.000213 U	0.000213 U	0.000213 U	0.000213 U	0.000213 U	0.000213 U	0.000213 U	0.000213 U	0.000213 U	--
	5/30-6/2/06	0.000213 U	0.000213 U	0.000213 U	0.0107 U	0.000213 U	0.00395 J	0.000213 U	0.000213 U	0.000213 U	0.000213 U	0.000213 U	0.000213 U	0.000213 U	--
	10/23-11/9/06	0.00025 U	0.00025 U	0.000713 J	0.00482 J	--	0.00025 U	0.00025 U	0.000539 J	0.00025 U	0.00025 U	0.00025 U	0.00025 U	0.00025 U	--
	1/4/07	--	--	--	--	0.00025 U	--	--	--	--	--	--	--	--	--
	03/5-8/07	0.0007 U	0.0007 U	0.001 U	0.007 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U	--
	11/5-9/07	0.0007 U	0.0007 U	0.001 J	0.003 J	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U	--
	1/22/08	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	4/1-3/08	0.0007 U	0.0007 U	0.0010 J	0.001 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U	--
	10/27-30/08	0.0007 U	0.0007 U	0.001 U	0.007 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U	--
	3/16-19/09	0.0007 U	0.0007 U	0.0010 J	0.001 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.001 U	0.0007 U	0.0007 U	--
	9/14-17/09	0.0007 U	0.0007 U	0.0020 J	0.001 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U	--
	3/29-4/1/10	0.0007 U	0.0007 U	0.0010 J	0.001 J	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.007 U	--
	10/5-7/10	0.0007 U	0.0007 U	0.0007 U	0.002 J	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U	--
	3/22-24/11	0.0007 U	0.0007 U	0.00090 J	0.017	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U	--
	9/27-29/11	0.0007 U	0.0007 U	0.00080 J	0.007 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U	--
	3/20-22/12	0.0001 U	0.0001 U	0.00080	0.005 U	0.0001 U	0.0001 U	0.0001 U	0.0002 J	0.0001 U	0.0001 U	0.0005 U	0.0001 U	0.0001 U	--
	9/25-27/12	0.0001 U	0.0001 U	0.00070	0.002 U	0.0001 U	0.0007 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0005 U	0.0001 U	0.0001 J	--
	3/25-28/13	0.0001 U	0.0001 U	0.0012	0.0011	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0003 J	0.0001 U	0.0003 J	--
	9/24-26/13	0.0001 U	0.0001 U	0.0020 J	0.0012	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0004 J	0.0001 U	0.0007	--
	3/25-27/14	0.0001 U	0.0001 J	0.0017	0.0011	0.0001 U	0.0001 J	0.0001 U	0.0002 J	0.0001 U	0.0001 U	0.0006 J	0.0001 J	0.0002 J	--
	9/23-26/14	0.0001 U	0.0001 U	0.0013	0.001	0.0001 U	0.0001 J	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0002 U	0.0001 U	0.0004 J	--
	3/24-26/15	0.0001 U	0.0002 J	0.0012	0.0016	0.0001 U	0.0001 U	0.0011	0.0001 J	0.0001 U	0.0001 U	0.0015	0.0001 U	0.0005 J	--
	9/22-24/15	0.0001 U	0.0001 U	0.0013	0.0017	0.0005 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0007	0.0001 U	0.0005	--
	3/22-24/16	0.0001 U	0.0001 U	0.0013	0.0012	0.0001 U	0.0001 U	0.0001 U	0.0001 J	0.0001 U	0.0001 U	0.0001 J	0.0001 U	0.0001 J	--
	9/27-29/16	0.0001 U	0.0001 U	0.0014	0.0023	0.0001 U	0.0001 U	0.0005 U	0.0004 J	0.0001 U	0.0001 U	0.0001 U	0.001 U	0.0001 J	--
	3/28-30/17	0.0001 U	0.0001 U	0.0013	0.002	0.0001 U	0.0001 U	0.0001 U	0.0002 J	0.0001 U	0.0001 U	0.0003 J	0.0001 U	0.0001 U	--
	9/26-28/17	0.0001 U	0.0001 U	0.0013	0.0048 J	0.0002 U	0.0001 U	0.0001 U	0.0005 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	--
	3/20-22/18	0.0001 U	0.0001 U	0.0016 J	0.0029 J	0.0002 U	0.0002 U	0.0001 U	0.0002 J	0.0001 U	0.0001 U	0.0004 J	0.0001 U	0.0001 U	--
	9/25-27/18	0.00006 J	0.00005 J	0.00090 J	0.0025 U	0.0001 UJ	0.0002 U	0.00005 U	0.0001 J	0.00005 U	0.00005 U	0.0005	0.00005 U	0.00006 J	--
	3/19-21/19	0.00005 J	0.00005 U	0.00080	0.0018 J	0.0003 U	0.00009 J	0.00005 U	0.00009 J	0.00005 U	0.00005 U	0.0002 J	0.00005 U	0.00006 J	--
	9/10-12/19	0.00005 U	0.00005 U	0.001	0.0022 J	0.00005 U	0.00009 J	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.0011	0.00005 U	0.0001 J	--
	6/9-11/20	0.000070 U	0.00050 UB	0.0031	0.0019 J	0.00050 UB	0.00050 UB	0.000083 J	0.00050 UB	0.000086 J	0.00018 J	0.0029 UB	0.000070 U	0.00050 UB	--
	11/2-5/20	0.000070 U	0.000070 U	0.0022	0.0020 U	0.000070 U	0.000070 U	0.000070 U	0.000077 J	0.000070 U	0.000070 U	0.0021	0.000070 U	0.00011 J	--
	3/23-25/21	0.000070 U	0.000070 U	0.0026	0.0015	0.000070 U	0.00035 U	0.000070 U	0.000085 J	0.000070 U	0.000070 U	0.0048	0.000070 U	0.000070 U	--
	9/21-23/21	0.000070 U	0.000070 U	0.0021	0.0012 J	0.0020 U	0.000070 U	0.000070 U	0.00010 J	0.000070 U	0.000070 U	0.0034	0.000070 U	ABANDONED	--
	3/22-24/22	0.000070 U	0.000070 U	0.0021	0.0025 J	0.000077 J	0.000070 U	0.000070 U	0.000079 J	0.000070 U	0.000070 U	0.0014	0.000070 U	ABANDONED	0.00024 J
	9/26-28/22	0.000080 U	0.000080 U	0.0040 U	0.0014	0.0040 U	0.000080 U	0.00020 U	0.000080 U	0.000080 U	0.000080 U	0.0018	0.000080 U	ABANDONED	0.00051
Xylenes 10	9/23/97	BRL	--	BRL	0.048	BRL	BRL	BRL	BRL	--	--	--	--	--	--
	11/24/97	BRL	BRL	0.025 U	0.05 U	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	--

Table 4. Current and Historical Analytical Results
Union Carbide Corporation,
Woodbine, Camden County, Georgia



Constituent GWPS	Sample Dates	MW-1	MW-37	MW-6	MW-7	MW-8	MW-34	MW-38	MW-39	MW-17	MW-18	MW-20	MW-21	MW-23	MW-23A
		Upgradient	Upgradient	POC	POC	POC	POC	POC	POC	Todd Creek	Todd Creek	Todd Creek	Todd Creek	Todd Creek	Todd Creek
		Shallow	Deep	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Deep	Shallow	Deep	Shallow	Shallow
Xylenes (continued) 10	3/26/98	BRL	--	BRL	0.018	BRL	BRL	BRL	BRL	--	--	--	--	--	--
	5/28/98	BRL	--	0.05 U	BRL	BRL	BRL	BRL	BRL	--	--	--	--	--	--
	11/19/98	--	BRL	--	--	--	--	--	--	BRL	BRL	BRL	BRL	BRL	--
	2/8/99	BRL	--	BRL	0.023	BRL	BRL	BRL	BRL	--	--	--	--	--	--
	5/11/99	BRL	--	BRL	0.025 U	BRL	BRL	BRL	BRL	--	--	--	--	--	--
	11/8-9/99	BRL	BRL	BRL	0.032	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	--
	4/18-19/00	BRL	BRL	0.05 U	0.05 U	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	--
	10/16/00	BRL	BRL	BRL	0.25 U	BRL	BRL	BRL	BRL	BRL	BRL	0.1 U	BRL	BRL	--
	4/10/01	0.015	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	--
	11/7-8/01	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	--
	4/16-17/02	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	--
	10/30-31/02	0.0019 U	0.0019 U	0.00031 U	0.0085	0.00031 U	0.00031 U	0.00031 U	0.00031 U	0.00031 U	0.00031 U	0.0019 U	0.0019 U	0.0019 U	--
	4/21-24/03	0.005 U	BRL	0.00055 J	0.0033 J	0.005 U	0.005 U	0.005 U	0.005 U	BRL	BRL	BRL	BRL	BRL	--
	10/14-16/03	0.002 U	0.002 U	0.002 U	0.0063	0.002 U	0.0016 J	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	--
	4/20-21/04	0.00026 U	0.00026 U	0.00026 U	0.01	0.00026 U	0.00026 U	0.00026 U	0.00026 U	0.00026 U	0.00026 U	0.00026 U	0.00026 U	0.00026 U	--
	10/18-20/04	0.00079 U	0.00079 U	0.00079 U	0.006	0.00079 U	0.00079 U	0.00079 U	0.00079 U	0.00079 U	0.00079 U	0.00079 U	0.00079 U	0.00079 U	--
	4/26-27/05	0.000509 U	0.000509 U	0.05 U	0.05 U	0.000509 U	0.000509 U	0.000509 U	0.05 U	0.000509 U	0.000509 U	0.000509 U	0.000509 U	0.000509 U	--
	11/2-4/05	0.000509 U	0.000509 U	0.000509 U	0.00509 U	0.000509 U	0.000509 U	0.000509 U	0.000509 U	0.000509 U	0.000509 U	0.000509 U	0.000509 U	0.000509 U	--
	5/30-6/2/06	0.000509 U	0.000509 U	0.000509 U	0.0255 U	0.000509 U	0.00536	0.000509 U	0.000509 U	0.000509 U	0.000509 U	0.000509 U	0.000509 U	0.000509 U	--
	10/23-11/9/06	0.0005 U	0.0005 U	0.0005 U	0.0392	--	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	--
	1/4/07	--	--	--	--	0.0005 U	--	--	--	--	--	--	--	--	--
	03/5-8/07	0.0008 U	0.0008 U	0.002 U	0.027 J	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	--
	11/5-9/07	0.0008 U	0.0008 U	0.0008 U	0.021	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	--
	1/22/08	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	4/1-3/08	0.0008 U	0.0008 U	0.0008 U	0.015	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	--
	10/27-30/08	0.0008 U	0.0008 U	0.002 U	0.008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	--
	3/16-19/09	0.0008 U	0.0008 U	0.0008 U	0.009 J	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.002 U	0.0008 U	0.0008 U	--
	9/14-17/09	0.0008 U	0.0008 U	0.0008 U	0.003 J	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	--
	3/29-4/1/10	0.0008 U	0.0008 U	0.0008 U	0.004 J	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.008 U	--
	10/5-7/10	0.0008 U	0.0008 U	0.0008 U	0.004 J	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	--
	3/22-24/11	0.0008 U	0.0008 U	0.0008 U	0.004 J	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	--
	9/27-29/11	0.0008 U	0.0008 U	0.0008 U	0.008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	--
	3/20-22/12	0.0001 U	0.0001 U	0.0001 U	0.005 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0005 U	0.0001 U	0.0001 U	--
	9/25-27/12	0.0001 U	0.0001 U	0.0001 U	0.0083 J	0.0001 U	0.0008 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0005 U	0.0001 U	0.0001 U	--
	3/25-28/13	0.0001 U	0.0001 U	0.0001 U	0.009 J	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0007	0.0001 U	0.0001 U	--
	9/24-26/13	0.0001 U	0.0001 U	0.0008 U	0.0091	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0002 U	0.0001 U	0.0001 U	--
	3/25-27/14	0.0001 U	0.0001 U	0.0001 U	0.0053	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0002 U	0.0001 U	0.0001 U	--
	9/23-26/14	0.0001 U	0.0001 U	0.0001 U	0.006	0.0001 U	0.0001 J	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0002 U	0.0001 U	0.0001 U	--
	3/24-26/15	0.0001 U	0.0002 J	0.0001 U	0.0091	0.0001 U	0.0001 J	0.0013	0.0001 U	0.0001 U	0.0001 U	0.0001 J	0.0001 U	0.0001 U	--
	9/22-24/15	0.0001 U	0.0001 U	0.0001 U	0.0086	0.0005 U	0.0001 J	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0003 J	0.0001 U	0.0001 U	--
	3/22-24/16	0.0001 U	0.0001 U	0.0001 U	0.0072	0.0001 U	0.0002 J	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	--
	9/27-29/16	0.0001 U	0.0001 U	0.0001 U	0.012	0.0001 U	0.0001 U	0.0005 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.001 U	0.0001 U	--
	3/28-30/17	0.0001 U	0.0001 U	0.0001 U	0.02	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0002 J	0.0001 U	0.0001 U	--
	9/26-28/17	0.0001 U	0.0001 U	0.0001 U	0.022	0.0002 U	0.0001 U	0.0001 U	0.0005 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	--
	3/20-22/18	0.0001 U	0.0001 U	0.001 U	0.014 J	0.0002 U	0.0002 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0002 U	0.0001 U	0.0001 U	--
	9/25-27/18	0.00008 U	0.00008 U	0.00008 UJ	0.013 J	0.0002 UJ	0.0005 U	0.00008 U	0.00008 U	0.00008 U	0.00008 U	0.0003 J	0.00008 U	0.00008 U	--
	3/19-21/19	0.00008 U	0.00008 U	0.00008 U	0.017	0.0004 U	0.0002 J	0.00008 U	0.00008 U	0.00008 U	0.00008 U	0.0002 J	0.00008 U	0.00008 U	--
	9/10-12/19	0.0001 U	0.0001 U	0.0005 U	0.016	0.0001 U	0.0002 J	0.0001 U	0.0001 U	0.0001 J	0.0001 U	0.0003 J	0.0001 U	0.0005 J	--
	6/9-11/20	0.00015 U	0.00015 U	0.00015 U	0.016	0.00015 U	0.00015 U	0.00015 U	0.00015 U	0.00015 U	0.00015 U	0.001 UB	0.00015 U	0.00015 U	--

Table 4. Current and Historical Analytical Results
Union Carbide Corporation,
Woodbine, Camden County, Georgia



Constituent GWPS	Sample Dates	MW-1	MW-37	MW-6	MW-7	MW-8	MW-34	MW-38	MW-39	MW-17	MW-18	MW-20	MW-21	MW-23	MW-23A
		Upgradient	Upgradient	POC	POC	POC	POC	POC	POC	Todd Creek	Todd Creek	Todd Creek	Todd Creek	Todd Creek	Todd Creek
		Shallow	Deep	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Deep	Shallow	Deep	Shallow	Shallow
Xylenes (continued) 10	11/2-5/20	0.00015 U	0.00015 U	0.00015 U	0.014 U	0.00015 U	0.00015 U	0.00015 U	0.00015 U	0.00015 U	0.00015 U	0.00015 U	0.00015 U	0.00015 U	--
	3/23-25/21	0.00015 U	0.00015 U	0.00075 U	0.013	0.00015 U	0.00075 U	0.00015 U	0.00015 U	0.00015 U	0.00015 U	0.00015 U	0.00015 U	0.00015 U	--
	9/21-23/21	0.00015 U	0.00015 U	0.00015 U	0.0098	0.0040 U	0.00015 U	0.00015 U	0.00015 U	0.00015 U	0.00015 U	0.00015 U	0.00015 U	ABANDONED	--
	3/22-24/22	0.00015 U	0.00015 U	0.00015 U	0.0081 J	0.00015 U	0.00015 U	0.00015 U	0.00015 U	0.00015 U	0.00015 U	0.00015 U	0.00015 U	ABANDONED	0.00015 U
	9/26-28/22	0.000070 U	0.000070 U	0.0035 U	0.0094	0.0035 U	0.000070 U	0.00040 U	0.000070 U	0.000070 U	0.000070 U	0.000070 U	0.000070 U	ABANDONED	0.000070 U
2,4-D 0.10	11/24/97	BRL	--	0.005 U *F65	0.0065	0.0025 U *F65	0.005 U *F65	0.0005 U *F65	0.005 U *F65	--	--	--	--	--	--
	10/30-31/02	--	--	--	0.0065	0.00025 J	0.00036	--	0.0017	--	--	--	--	--	--
	4/21-24/03	0.00013 U	0.00013 U	0.00013 U	0.005 U	0.00013 U	*0.00036	0.00013 U	0.0065	0.00013 U	0.00013 U	0.00013 U	0.00013 U	0.003	--
	10/14-16/03	--	--	--	0.016	0.0005 U	--	--	0.005 U	--	--	--	--	--	--
	4/20-21/04	0.00026 U	0.00026 U	0.025 U	0.025 U	0.00026 U	0.00026 U	0.00026 U	0.025 U	0.00026 U	0.00026 U	0.00026 U	0.00026 U	0.0015 U	--
	10/18-20/04	0.00011 U	0.00011 U	0.025 U	0.05 U	0.001 U	0.0015 U	0.00011 U	0.19	0.00011 U	0.025 U	0.025 U	0.00011 U	0.0021	--
	4/26-27/05	0.00027 U	0.00027 U	0.0296	0.547	0.00027 U	0.05 U	0.00027 U	0.0198	0.00027 U	0.00027 U	0.00027 U	0.00027 U	0.1 U	--
	11/2-4/05	0.00027 U	0.00027 U	0.00135 U	0.00027 U	0.00027 U	0.0027 U	0.00027 U	0.00027 U	0.00135 U	0.00027 U	0.00169	0.00027 U	0.00027 U	--
	5/30-6/2/06	0.00027 U	0.00027 U	0.00027 U	0.00027 U	0.00027 U	0.00027 U	0.0027 U	0.00027 U	0.00027 U	0.00027 U	0.00027 U	0.00027 U	0.00027 U	--
	10/23-11/9/06	0.000255 U	0.00025 U	0.00025 UJ	0.005 U	0.00025 UJ	0.00025 U	0.000255 U	0.00753	0.00025 U	0.00125 U	0.005 U	0.00025 U	0.00025 U	--
	1/3/07	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/5-8/07	0.00015 U	0.00015 U	0.000048 U	0.000048 U	0.00015 U	0.00015 U	0.00017 U	0.00015 U	0.00015 U	0.000047 U	0.000048 U	0.000048 U	0.00016 U	--
	11/5-9/07	0.000052 U	0.000047 U	0.000048 U	0.000052 U	0.000055 U	0.000048 U	0.000048 U	0.000052 U	0.000048 U	0.000047 U	0.000047 U	0.000047 U	0.000054 U	--
	4/1-3/08	0.000048 U	0.000049 U	0.000047 U	0.0001 U	0.000048 U	0.00005 UJ	0.00005 U	0.000099 J	0.000047 U	0.00005 U	0.00005 U	0.000047 U	0.00005 U	--
	10/27-30/08	0.000047 U	0.000049 U	0.0005 U	0.0001 U	0.00047 U	0.000049 U	0.000052 U	0.00005 U	0.000047 U	0.000047 U	0.00005 U	0.000051 U	0.000049 U	--
	3/16-19/09	0.000051 U	0.00005 U	0.000053 U	0.000056 U	0.000052 U	0.000049 U	0.000048 U	0.000051 U	0.000052 U	0.000052 U	0.000052 U	0.000051 U	0.000052 U	--
	9/14-17/09	0.000048 UJ	0.000047 UJ	0.000047 U	0.00005 U	0.00005 U	0.00005 U	0.000048 U	0.000048 U	0.000049 UJ	0.000047 U	0.00005 UJ	0.000049 UJ	0.000049 U	--
	3/29-4/1/10	0.000051 U	0.000053 U	0.000052 U	0.000047 U	0.00014 J	0.000051 U	0.000052 U	0.000054 U	0.000047 U	0.000047 U	0.00005 U	0.000047 U	0.000047 U	--
	10/5-7/10	0.000048 U	0.000048 U	0.000067 J	0.000047 U	0.000047 U	0.00005 U	0.000047 U	0.000048 U	0.000048 U	0.000048 U	0.000058 U	0.000053 U	0.000048 U	--
	3/22-24/11	0.000052 U	0.000049 U	0.000073 J	0.000048 U	0.000051 U	0.000047 U	0.000051 U	0.000047 U	0.000051 U	0.000049 U	0.000048 U	0.000048 U	0.000048 U	--
	9/27-29/11	0.000048 U	0.000048 U	0.000047 U	0.000048 U	0.000048 U	0.000049 U	0.000047 U	0.000048 U	0.000048 U	0.000051 U	0.00006 J	0.00005 U	0.000048 U	--
	3/20-22/12	0.000048 UJ	0.000048 U	0.000048 U	0.000048 U	0.000048 U	0.000048 U	0.000048 U	0.000048 U	0.000048 U	0.000048 U	0.000048 U	0.000048 U	0.000049 U	--
	9/25-27/12	0.000048 U	0.000049 U	0.000048 U	0.000048 U	0.000048 U	0.000048 U	0.000049 U	0.000048 U	0.000048 U	0.000048 U	0.000047 U	0.000048 U	0.000047 U	--
	3/25-28/13	0.000048 U	0.000048 U	0.000053 U	0.000048 U	0.000047 U	0.000047 U	0.000049 U	0.00005 U	0.000047 U	0.000047 U	0.000049 U	0.00005 U	0.000047 U	--
	9/24-26/13	0.000048 U	0.00005 U	0.000053 U	0.000048 U	0.000053 U	0.000049 U	0.000048 U	0.000053 U	0.000048 U	0.000047 U	0.00005 U	0.000047 U	0.000048 U	--
	3/25-27/14	0.00005 U	0.000047 U	0.000047 UJ	0.000048 UJ	0.000048 UJ	0.000048 UJ	0.000052 UJ	0.000049 U	0.000047 U	0.000052 U	0.000047 U	0.000047 U	0.000055 U	--
	9/23-26/14	0.000047 U	0.000048 U	0.000048 U	0.000048 U	0.000048 U	0.000049 U	0.000049 U	0.000048 U	0.000048 U	0.000048 U	0.000053 U	0.00005 U	0.000048 U	--
	3/24-26/15	0.000048 U	0.000049 U	0.00005 U	0.000049 U	0.000048 U	0.000047 U	0.000049 U	0.000048 U	0.000047 U	0.000048 U	0.000048 U	0.000049 U	0.000048 U	--
	9/22-24/15	0.000049 U	0.000049 U	0.000049 U	0.000048 U	0.000047 U	0.000048 U	0.000047 U	0.000047 U	0.000047 U	0.000048 U	0.000047 U	0.000047 U	0.000048 U	--
	3/22-24/16	0.000048 U	0.000047 U	0.000047 U	0.000048 U	0.000049 U	0.000048 U	0.000048 U	0.000047 U	0.000047 U	0.000049 U	0.000047 U	0.000047 U	0.000047 U	--
	9/27-29/16	0.000047 U	0.000047 U	0.000047 U	0.000047 U	0.000047 U	0.000049 U	0.000047 U	0.000048 U	0.000047 U	0.000047 U	0.000049 J	0.000047 U	0.000047 U	--
	3/28-30/17	0.000047 U	0.000048 U	0.000047 U	0.000047 U	0.000047 U	0.000048 U	0.000048 U	0.000049 U	0.000047 U	0.000048 U	0.000047 U	0.000048 U	0.000048 U	--
	9/26-28/17	0.000047 U	0.000047 U	0.000047 U	0.000047 UJ	0.000047 U	0.000048 UJ	0.000048 U	0.000047 U	0.000047 U	0.000047 U	0.000047 U	0.000047 U	0.0026	--
	3/20-22/18	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	--
	9/25-27/18	0.0002 J	0.00005 U	0.00005 U	0.00005 UJ	0.00005 U	0.0002 J	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	--
	3/19-21/19	0.00005 U	0.00005 U	0.00005 U	0.00005 UJ	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	--
	9/10-12/19	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00009 J	--
	6/9-11/20	0.00010 U	0.00010 U	0.000097 U	0.00010 U	0.000095 U	0.000096 U	0.000096 U	0.00010 U	0.000095 U	0.000095 U	0.000099 U	0.00010 U	0.00011 U	--
	11/2-5/20	0.000096 U	0.000096 U	0.000098 U	0.00010 U	0.00010 U	0.00011 U	0.00010 U	0.00010 U	0.00010 U	0.00010 U	0.00010 U	0.00010 U	0.00010 U	--
	3/23-25/21	0.00010 U	0.00010 U	0.000096 U	0.00010 U	0.000096 U	0.000098 U	0.00010 U	0.000096 U	0.00010 U	0.00010 U	0.00010 U	0.00010 U	0.00010 U	--
	9/21-23/21	0.00010 U	0.000099 U	0.000098 U	0.00010 U	0.00010 U	0.00010 U	0.00010 U	0.000096 U	0.00010 U	0.000099 U	0.000099 U	0.000098 U	ABANDONED	--
	3/22-24/22	0.000095 U	0.000095 U	0.000099 U	0.000099 U	0.000099 U	0.000095 U	0.00010 U	0.000095 U	0.00010 U	0.000096 U	0.00010 U	0.00010 U	ABANDONED	0.00010 U
	9/26-28/22	0.00010 U	0.00010 U	0.00010 U	0.000095 U	0.00010 U	0.000099 U	0.00011 U	0.00011 U	0.00010 U	0.00011 U	0.000096 U	0.000096 U	ABANDONED	0.00011 U
2,4,5-T 0.122	11/24/1997	BRL	--	0.005 U	0.005 U *F65	0.0025 U	0.005 U *F65	BRL	0.005 U	--	--	--	--	--	--
	11/7-8/01	--	--	--	--	0.0014	--	--	--	--	--	--	--	--	--
	4/16-17/02	0.0005 U	BRL	0.01 U *F65	0.01 U *F65	0.0005 U	0.005 U *F65	0.0025 U *F65	0.0025 U *F65	BRL	0.001 U	0.005 U	BRL	0.0025 U	--
	10/30-31/02	0.000087 U	0.000087 U	0.028	0.01 U	0.0001 J	0.0014	0.000087 U	0.002 U	0.000087 U	0.00012 J	0.005 U	0.000087 U	0.000087 U	--

Table 4. Current and Historical Analytical Results
Union Carbide Corporation,
Woodbine, Camden County, Georgia



Constituent GWPS	Sample Dates	MW-1	MW-37	MW-6	MW-7	MW-8	MW-34	MW-38	MW-39	MW-17	MW-18	MW-20	MW-21	MW-23	MW-23A
		Upgradient	Upgradient	POC	POC	POC	POC	POC	POC	Todd Creek	Todd Creek	Todd Creek	Todd Creek	Todd Creek	Todd Creek
		Shallow	Deep	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Deep	Shallow	Deep	Shallow	Shallow
2,4,5-T (continued) 0.122	4/21-24/03	0.000057 U	0.000057 U	0.000057 U	0.005 U	0.000096 J	0.0034	0.00016 J	0.0025 U	0.000057 U	0.00059	0.000057 U	0.000057 U	0.000057 U	--
	10/14-16/03	0.000057 U	0.000057 U	0.0015	0.029	0.00005 U	0.0016	0.000074 J	0.005 U	0.000057 U	0.000057 U	0.000057 U	0.000057 U	0.000057 U	--
	4/20-21/04	0.000055 U	0.000055 U	0.025 U	0.025 U	0.000055 U	0.0025	0.0041	0.025 U	0.000055 U	0.000055 U	0.000055 U	0.000055 U	0.0015 U	--
	10/18-20/04	0.000041 U	0.000041 U	0.025 U	0.05 U	0.00013 J	0.0023	0.00014 J	0.05 U	0.00007 J	0.004	0.025 U	0.000041 U	0.000041 U	--
	4/26-27/05	0.00034 U	0.00034 U	0.0386	0.72	0.00034 U	0.05 U	0.00034 U	0.0289	0.00034 U	0.00034 U	0.00034 U	0.00034 U	0.1 U	--
	11/2-4/05	0.00015 U	0.00015 U	0.000842 J	0.00015 U	0.00015 U	0.0015 U	0.00015 U	0.00015 U	0.00075 U	0.00015 U	0.00329 J	0.00015 U	0.00015 U	--
	5/30-6/2/06	0.00015 U	0.00015 U	0.00015 U	0.00015 U	0.00015 U	0.00015 U	0.0015 U	0.00015 U	0.00015 U	0.00015 U	0.00015 U	0.00015 U	0.00015 U	--
	10/23-11/9/06	0.000102 U	0.0001 U	0.0001 UJ	0.002 U	0.0001 UJ	0.0001 U	0.000102 U	0.0005 U	0.0001 U	0.0005 U	0.002 U	0.0001 U	0.0001 U	--
	1/3/07	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/5-8/07	0.000012 UJ	0.000012 UJ	0.0000096 U	0.0000097 U	0.000012 U	0.000067 J	0.000013 U	0.000012 U	0.000012 U	0.0042	0.000022 J	0.00017	0.000013 UJ	--
	11/5-9/07	0.00001 U	0.0000095 U	0.00003 U	0.00017	0.000054	0.0000097 U	0.000047 U	0.00001 U	0.0000095 U	0.0044	0.000038	0.0000095 U	0.000011 U	--
	4/1-3/08	0.0000095 U	0.0000097 U	0.000019 J	0.000058	0.00029	0.0002 J	0.000013 J	0.00014 J	0.000048	0.005	0.00006 J	0.0000095 U	0.000029	--
	10/27-30/08	0.000012 U	0.000012 U	0.0001 U	0.00002 U	0.00044	0.0006	0.00001 UJ	0.000052 U	0.0000095 U	0.00034	0.00001 U	0.000016 U	0.000013 U	--
	3/16-19/09	0.00001 U	0.00001 U	0.000088 U	0.000011 UJ	0.00017	0.00045	0.00018	0.00001 U	0.00001 U	0.0017	0.00001 UJ	0.00001 U	0.00001 U	--
	9/14-17/09	0.000015 J	0.000013 J	0.00015	0.000036 U	0.00039 U	0.1	0.0000095 U	0.00006	0.0000097 UJ	0.005	0.000049 J	0.0000099 UJ	0.0000099 U	--
	3/29-4/1/10	0.000015 J	0.000011 U	0.000016 J	0.000018 J	0.00036	0.00065	0.000034	0.000011 U	0.000021 J	0.0062	0.000017 J	0.0000095 U	0.0000095 U	--
	10/5-7/10	0.0000096 U	0.0000096 U	0.00001 U	0.000025	0.00029	0.0002	0.000025	0.0000095 U	0.0000096 U	0.0027	0.000012 U	0.000011 U	0.0000097 U	--
	3/22-24/11	0.00001 U	0.0000098 U	0.0000095 U	0.00014	0.00045	0.00015	0.000051	0.0000095 U	0.00001 U	0.0058	0.0000096 U	0.0000096 U	0.0000096 U	--
	9/27-29/11	0.000019 J	0.0000096 U	0.000059	0.000022 J	0.00043	0.0000099 U	0.000038	0.000012 J	0.0000096 U	0.0074	0.00001 U	0.00001 U	0.0000095 U	--
	3/20-22/12	0.0000096 UJ	0.0000095 U	0.0000095 U	0.0000096 U	0.00046	0.0001	0.00019	0.0000096 U	0.0000095 U	0.0093	0.0000096 U	0.0000095 U	0.0000097 U	--
	9/25-27/12	0.0000097 U	0.0000098 U	0.0000095 U	0.0000095 U	0.021	0.0000096 U	0.0000098 U	0.0000096 U	0.00075	0.0093	0.0000095 U	0.0000095 U	0.0000095 U	--
	3/25-28/13	0.0000096 U	0.00014 J	0.000011 U	0.0000097 U	0.00055	0.00057 J	0.0000098 U	0.00001 U	0.0000095 U	0.011 J	0.0000098 U	0.00012 J	0.0000094 U	--
	9/24-26/13	0.0000096 U	0.00001 U	0.000011 U	0.0000095 U	0.00036	0.0000098 U	0.0000095 U	0.000011 U	0.0000096 U	0.0032	0.00001 U	0.0000095 U	0.0000097 U	--
	3/25-27/14	0.0000099 U	0.0000094 U	0.0000094 UJ	0.0000095 UJ	0.00013 J	0.0000095 UJ	0.00001 UJ	0.0000099 U	0.0000094 U	0.0013	0.0000095 U	0.000012 J	0.000011 U	--
	9/23-26/14	0.0000095 U	0.0000095 U	0.0000095 U	0.0000095 U	0.00026	0.0000098 U	0.0000098 U	0.0000096 U	0.0000096 U	0.00029	0.000011 U	0.00001 U	0.0000097 U	--
	3/24-26/15	0.0000095 U	0.0000097 U	0.00001 U	0.0000097 U	0.00024 U	0.0000095 U	0.0000098 U	0.0000096 U	0.0000095 U	0.0034	0.0000097 U	0.0000099 U	0.0000096 U	--
	9/22-24/15	0.0000097 U	0.0000099 U	0.0000097 U	0.0000095 U	0.0000095 U	0.00033 J	0.0000095 U	0.0000095 U	0.0000095 U	0.00091 J	0.0000095 U	0.0000095 U	0.0000096 U	--
	3/22-24/16	0.0000096 U	0.0000094 U	0.0000094 U	0.0000096 U	0.00026 J	0.0000096 U	0.0000095 U	0.0000095 U	0.0000095 U	0.0013	0.0000095 U	0.0000094 U	0.0000094 U	--
	9/27-29/16	0.0000095 U	0.0000095 U	0.0000095 U	0.0000095 U	0.00011	0.00018	0.0000094 U	0.0000096 U	0.0000095 U	0.0075 JH	0.0000094 U	0.0000094 U	0.0000094 U	--
	3/28-30/17	0.0000094 U	0.0000096 U	0.0000094 U	0.0000094 U	0.00027	0.0000097 U	0.0000097 U	0.0000097 U	0.0000094 U	0.0016	0.0000094 U	0.0000096 U	0.0000096 U	--
	9/26-28/17	0.0000095 U	0.0000095 U	0.0000094 U	0.0000094 UJ	0.0000094 U	0.0000096 UJ	0.0000095 U	0.0000094 U	0.0000094 U	0.0000094 U	0.0000094 U	0.0000094 U	0.0000094 U	--
	3/20-22/18	0.000009 U	0.000009 U	0.00001 U	0.00001 U	0.000009 U	0.000009 U	0.000009 U	0.000009 U	0.000009 U	0.00001 U	0.000009 U	0.00001 U	0.000009 U	--
	9/25-27/18	0.00001 U	0.00001 U	0.00001 U	0.00001 UJ	0.000009 U	0.00001 U	0.00001 U	0.000009 U	0.00001 U	0.00001 U	0.00001 U	0.00001 U	0.000009 U	--
	3/19-21/19	0.00001 U	0.00001 U	0.00001 U	0.00001 U	0.00001 U	0.00001 U	0.00001 U	0.00001 U	0.00001 U	0.00001 U	0.00001 U	0.00001 U	0.00001 UJ	--
	9/10-12/19	0.00001 U	0.000009 U	0.00001 U	0.00001 U	0.00001 U	0.00003	0.00001 U	0.00001 U	0.000009 U	0.000009 U	0.000009 U	0.000009 U	0.000009 U	--
	6/9-11/20	0.000010 U	0.000010 U	0.0000097 U	0.000010 U	0.0000095 U	0.0000096 U	0.0000096 U	0.000010 U	0.0000095 U	0.0000095 R	0.0000099 U	0.000010 U	0.000011 U	--
	11/2-5/20	0.0000096 U	0.0000096 U	0.0000098 U	0.000010 U	0.000010 UJ	0.000011 U	0.000010 U	0.000010 UJ	0.000010 U	0.000010 U	0.000010 U	0.000010 U	0.000010 U	--
	3/23-25/21	0.000010 U	0.000010 U	0.0000096 U	0.000010 U	0.0000096 U	0.0000098 U	0.000010 U	0.0000096 U	0.000010 U	0.000010 U	0.000010 U	0.000010 U	0.000010 U	--
	9/21-23/21	0.000010 U	0.0000099 U	0.0000098 U	0.000010 U	0.000010 U	0.000010 U	0.000010 U	0.0000096 U	0.000010 U	0.0000099 U	0.0000099 U	0.0000098 U	ABANDONED	--
	3/22-24/22	0.0000095 U	0.0000095 U	0.0000099 U	0.0000099 U	0.0000099 U	0.0000095 U	0.000010 U	0.0000095 U	0.000010 U	0.0000096 U	0.000010 U	0.000010 U	ABANDONED	0.000010 U
	9/26-28/22	0.000010 U	0.000010 U	0.000010 U	0.0000095 U	0.000010 U	0.0000099 U	0.000011 U	0.000011 U	0.000010 U	0.000011 R	0.0000096 U	0.0000096 U	ABANDONED	0.000011 U
2,4,5-TP (Silvex) 0.010	10/30-31/02	--	--	--	0.0048	0.000048 U	--	--	0.0059	--	--	--	--	--	--
	4/21-24/03	0.000054 U	0.000054 U	0.000054 U	0.00054 U	0.000054 U	0.000091 J	0.000054 U	0.00027 U	0.000054 U	0.000054 U	0.000054 U	0.000054 U	0.000054 U	--
	10/14-16/03	--	--	--	0.0005 U	0.0005 U	--	--	0.0005 U	--	--	--	--	--	--
	4/20-21/04	0.000087 U	0.000087 U	0.0044 U	0.0044 U	0.000087 U	0.000087 U	0.000087 U	0.0044 U	0.000087 U	0.000087 U	0.000087 U	0.000087 U	0.00026 U	--
	10/18-20/04	0.000044 U	0.000044 U	0.0022 U	0.0022 U	0.00011 J	0.00013 U	0.00043 J	0.0022 U	0.000044 U	0.0003 J	0.0022 U	0.000044 U	0.00015 J	--
	4/26-27/05	0.00039 U	0.00039 U	0.0195 U	0.078 U	0.00039 U	0.039 U	0.00039 U	0.0267	0.00039 U	0.00039 U	0.00039 U	0.00039 U	0.078 U	--
	11/2-4/05	0.00013 U	0.00013 U	0.00065 U	0.32	0.00013 U	0.0013 U	0.00013 U	0.00013 U	0.00065 U	0.00013 U	0.00498 J	0.00013 U	0.00013 U	--
	1/19/06	--	--	--	0.0472	--	--	--	--	--	--	--	--	--	--
	5/30-6/2/06	0.00013 U	0.00013 U	0.00013 U	0.00013 U	0.00013 U	0.00013 U	0.0013 U	0.00013 U	0.00013 U	0.00013 U	0.00013 U	0.00013 U	0.00013 U	--

Table 4. Current and Historical Analytical Results

Union Carbide Corporation,
Woodbine, Camden County, Georgia



Constituent GWPS	Sample Dates	MW-1	MW-37	MW-6	MW-7	MW-8	MW-34	MW-38	MW-39	MW-17	MW-18	MW-20	MW-21	MW-23	MW-23A
		Upgradient	Upgradient	POC	POC	POC	POC	POC	POC	Todd Creek	Todd Creek	Todd Creek	Todd Creek	Todd Creek	Todd Creek
		Shallow	Deep	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Deep	Shallow	Deep	Shallow	Shallow
2,4,5-TP (Silvex) (continued) 0.010	10/23-11/9/06	0.000102 U	0.0001 U	0.0001 UJ	0.002 U	0.0001 UJ	0.0001 U	0.000102 U	0.0005 U	0.0001 U	0.0005 U	0.002 U	0.0001 U	0.0001 U	--
	1/3/07	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/5-8/07	0.0000095 U	0.0000095 U	0.0000096 U	0.0000097 U	0.0000095 U	0.0000095 U	0.00001 U	0.0000095 U	0.0000095 U	0.0000095 U	0.0000096 U	0.000012 J	0.0000098 U	--
	11/5-9/07	0.00001 U	0.0000095 U	0.0000097 U	0.000068	0.000011 U	0.0000097 UJ	0.0000097 U	0.00001 U	0.0000095 U	0.0000095 U	0.000044	0.0000095 U	0.000011 U	--
	4/1-3/08	0.0000095 U	0.0000097 U	0.0000095 U	0.000021	0.000021 J	0.0000099 UJ	0.00001 U	0.0000099 U	0.0000095 U	0.0000099 U	0.00001 U	0.0000095 U	0.0000099 U	--
	10/27-30/08	0.0000095 UJ	0.0000098 UJ	0.0001 U	0.00002 UJ	0.000095 U	0.0000098 UJ	0.00001 UJ	0.00001 U	0.0000095 UJ	0.0000095 UJ	0.00001 UJ	0.00001 UJ	0.0000098 UJ	--
	3/16-19/09	0.00001 U	0.00001 U	0.000011 U	0.000011 U	0.00001 U	0.0000098 U	0.0000096 U	0.00001 U	0.00001 U	0.00001 U	0.00001 U	0.00001 U	0.00001 U	--
	9/14-17/09	0.0000096 UJ	0.0000095 UJ	0.000013 J	0.00004	0.00001 U	0.00001 U	0.0000095 U	0.000016 J	0.0000097 UJ	0.0000095 U	0.00001 UJ	0.0000099 UJ	0.0000099 U	--
	3/29-4/1/10	0.00001 U	0.000011 U	0.00001 U	0.0000095 U	0.0000095 U	0.00001 U	0.00001 U	0.000011 U	0.0000095 U	0.0000095 U	0.00001 U	0.0000095 U	0.0000095 U	--
	10/5-7/10	0.0000096 U	0.0000096 U	0.00001 U	0.000022 J	0.0000095 U	0.00001 U	0.0000095 U	0.0000095 U	0.0000096 U	0.0000096 U	0.000012 U	0.000011 U	0.0000097 U	--
	3/22-24/11	0.00001 U	0.0000098 U	0.0000095 U	0.000099	0.00001 U	0.0000095 U	0.000022 J	0.0000095 U	0.00001 U	0.000019 J	0.000016 J	0.0000096 U	0.0000096 U	--
	9/27-29/11	0.0000095 U	0.0000096 U	0.0000095 U	0.0000095 U	0.0000096 U	0.0000099 U	0.000016 J	0.0000095 U	0.0000096 U	0.00001 U	0.00001 U	0.00001 U	0.0000095 U	--
	3/20-22/12	0.0000096 UJ	0.0000095 U	0.0000095 U	0.0000096 U	0.0000096 U	0.0000096 U	0.0000096 U	0.0000096 U	0.0000095 U	0.0000095 U	0.0000096 U	0.0000095 U	0.0000097 U	--
	9/25-27/12	0.0000097 U	0.0000098 U	0.0000095 UJ	0.0000095 UJ	0.0000095 U	0.0000096 U	0.0000098 UJ	0.0000096 UJ	0.0000096 U	0.0000095 U	0.0000095 U	0.0000095 U	0.0000095 U	--
	3/25-28/13	0.0000096 U	0.0000095 U	0.000011 U	0.0000097 U	0.0000095 U	0.0000094 U	0.0000098 U	0.00001 U	0.0000095 U	0.0000095 U	0.0000098 UJ	0.00001 U	0.0000094 U	--
	9/24-26/13	0.0000096 U	0.00001 U	0.000011 U	0.0000095 U	0.000011 U	0.0000098 U	0.0000095 U	0.000011 U	0.0000096 U	0.0000095 U	0.00001 U	0.0000095 U	0.0000097 U	--
	3/25-27/14	0.0000099 U	0.0000094 U	0.0000094 UJ	0.0000095 UJ	0.0000095 UJ	0.0000095 UJ	0.00001 UJ	0.0000099 U	0.0000094 U	0.00001 U	0.0000095 UJ	0.0000094 U	0.000011 U	--
	9/23-26/14	0.0000095 U	0.0000095 U	0.0000095 U	0.0000095 U	0.0000095 U	0.0000098 U	0.0000098 U	0.0000096 U	0.0000096 U	0.0000097 U	0.000011 U	0.00001 U	0.0000097 U	--
	3/24-26/15	0.0000095 U	0.0000097 U	0.00001 U	0.0000097 U	0.0000096 U	0.0000095 U	0.0000098 U	0.0000096 U	0.0000095 U	0.0000096 U	0.0000097 U	0.0000099 U	0.0000096 U	--
	9/22-24/15	0.0000097 U	0.0000099 U	0.0000097 U	0.0000095 U	0.0000095 U	0.0000097 U	0.0000095 U	0.0000095 U	0.0000095 U	0.0000095 U	0.0000095 U	0.0000095 U	0.0000096 U	--
	3/22-24/16	0.0000096 U	0.0000094 U	0.0000094 U	0.0000096 U	0.0000097 U	0.0000096 U	0.0000095 U	0.0000095 U	0.0000095 U	0.0000097 U	0.0000095 U	0.0000094 U	0.0000094 U	--
	9/27-29/16	0.0000095 U	0.0000095 U	0.0000095 U	0.0000095 U	0.0000094 U	0.0000097 U	0.0000094 U	0.0000096 U	0.0000095 U	0.0000094 U	0.0000094 U	0.0000094 U	0.0000094 U	--
	3/28-30/17	0.0000094 U	0.0000096 U	0.0000094 U	0.0000094 U	0.0000094 U	0.0000097 U	0.0000097 U	0.0000097 U	0.0000094 U	0.0000096 U	0.0000094 U	0.0000096 U	0.0000096 U	--
	9/26-28/17	0.0000095 U	0.0000095 U	0.0000094 U	0.0000094 UJ	0.0000094 U	0.0000096 UJ	0.0000095 U	0.0000094 U	0.0000094 U	0.0000094 U	0.0000094 U	0.0000094 U	0.0000097 U	--
	3/20-22/18	0.000009 U	0.000009 U	0.00001 U	0.00001 U	0.000009 U	0.000009 U	0.000009 U	0.000009 U	0.000009 U	0.00001 U	0.000009 U	0.00001 U	0.000009 U	--
	9/25-27/18	0.00001 U	0.00001 U	0.00001 U	0.00001 UJ	0.000009 U	0.00001 U	0.00001 U	0.000009 U	0.00001 U	0.00001 U	0.00001 U	0.00001 U	0.000009 U	--
	3/19-21/19	0.00001 U	0.00001 U	0.00001 U	0.00001 UJ	0.00001 U	0.00001 U	0.00001 U	0.00001 U	0.00001 U	0.00001 U	0.00001 U	0.00001 U	0.00001 U	--
	9/10-12/19	0.00001 U	0.000009 U	0.00001 U	0.00001 U	0.00001 U	0.00001 U	0.00001 U	0.00001 U	0.000009 U	0.000009 U	0.000009 U	0.000009 U	0.000009 U	--
	6/9-11/20	0.000010 U	0.000010 U	0.0000097 U	0.000010 U	0.0000095 U	0.0000096 U	0.0000096 U	0.000010 U	0.0000095 U	0.0000095 U	0.0000099 U	0.000010 U	0.000011 U	--
	11/2-5/20	0.0000096 U	0.0000096 U	0.0000098 U	0.000010 U	0.000010 UJ	0.000011 U	0.000010 U	0.000010 UJ	0.000010 U	0.000010 U	0.000010 U	0.000010 U	0.000010 U	--
	3/23-25/21	0.000010 U	0.000010 U	0.0000096 U	0.000010 U	0.0000096 U	0.0000098 U	0.000010 U	0.0000096 U	0.000010 U	0.000010 U	0.000010 U	0.000010 U	0.000010 U	--
	9/21-23/21	0.000010 U	0.0000099 U	0.0000098 U	0.000010 U	0.000010 U	0.000010 U	0.000010 U	0.0000096 U	0.000010 U	0.0000099 U	0.0000099 U	0.0000098 U	ABANDONED	--
	3/22-24/22	0.0000095 U	0.0000095 U	0.0000099 U	0.0000099 U	0.0000099 U	0.0000095 U	0.000010 U	0.0000095 U	0.000010 U	0.0000096 U	0.000010 U	0.000010 U	ABANDONED	0.000010 U
	9/26-28/22	0.000010 U	0.000010 U	0.000010 U	0.0000095 U	0.000010 U	0.0000099 U	0.000011 U	0.000011 U	0.000010 U	0.000011 U	0.0000096 U	0.0000096 U	ABANDONED	0.000011 U
4-Chloroaniline 0.0004	11/7/07	--	--	--	--	--	--	0.001 U	--	--	--	--	--	--	--
	10/29/08	--	--	0.001 UJ	--	--	--	--	--	--	--	--	--	--	--
	9/16/09	--	--	--	--	--	--	--	0.0009 U	--	--	--	--	--	--
	10/6/10	--	--	--	--	--	--	0.001 U	--	--	--	--	--	--	--
	9/29/11	--	--	--	--	--	--	--	0.0005 U	--	--	--	--	--	--
	9/27/12	--	--	--	--	--	0.001	--	--	--	--	--	--	--	--
	12/7/12	--	--	--	--	--	0.001 J	--	--	--	--	--	--	--	--
	3/25-26/13	--	--	--	--	--	0.001	--	--	--	--	--	--	--	--
	9/26/13	--	--	0.0005 U	--	--	--	--	--	--	--	--	--	--	--
	9/23-26/14	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	--
	3/24-26/15	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	--
	9/22-24/15	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.003 J	0.002 U	--
	3/22-24/16	0.002 U	0.002 U	0.002 UJ	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	--
	9/27-29/16	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 UJ	--
	3/28-30/17	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 UJ	0.002 UJ	0.002 UJ	0.002 U	0.002 U	--
	9/26-28/17	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	--

Table 4. Current and Historical Analytical Results

Union Carbide Corporation,
Woodbine, Camden County, Georgia



Constituent GWPS	Sample Dates	MW-1	MW-37	MW-6	MW-7	MW-8	MW-34	MW-38	MW-39	MW-17	MW-18	MW-20	MW-21	MW-23	MW-23A
		Upgradient	Upgradient	POC	POC	POC	POC	POC	POC	Todd Creek	Todd Creek	Todd Creek	Todd Creek	Todd Creek	Todd Creek
		Shallow	Deep	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Deep	Shallow	Deep	Shallow	Shallow
4-Chloroaniline (continued) 0.0004	3/20-22/18	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	--
	9/25-27/18	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	--
	3/19-21/19	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	--
	9/10-12/19	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	--
	6/9-11/20	0.0041 U	0.0041 U	0.0042 U	0.0040 U	0.0040 U	0.0040 U	0.0041 U	0.0041 U	0.0041 U	0.0040 U	0.0040 U	0.0040 U	0.0041 U	--
	11/2-5/20	0.0040 U	0.0040 U	0.0041 U	0.0042 U	0.0042 U	0.0041 U	0.0042 U	0.0043 U	0.0040 U	0.0040 U	0.0042 U	0.0042 U	0.0042 U	--
	3/23-25/21	0.00044 U	0.0045 U	0.0040 U	0.0043 U	0.0040 U	0.0042 U	0.0044 U	0.0041 U	0.0044 U	0.0045 U	0.0046 U	0.0044 U	0.0043 U	--
	9/21-23/21	0.0044 U	0.0042 U	0.0043 U	0.0043 U	0.0043 U	0.0040 U	0.0043 U	0.0043 U	0.0043 U	0.0043 U	0.0041 U	0.0041 U	ABANDONED	--
	3/22-24/22	0.0047 U	0.0042 U	0.0043 U	0.0045 U	0.0042 U	0.0043 U	0.0041 U	0.0044 U	0.0042 U	0.0040 U	0.0055 U	0.0045 U	ABANDONED	0.0045 U
	9/26-28/22	0.0045 U	0.0043 U	0.0042 U	0.0040 U	0.0045 U	0.0042 UJ	0.0043 U	0.0045 U	0.0046 U	0.0046 U	0.0042 U	0.0040 U	ABANDONED	0.0043 U
2-Chlorophenol 0.071	11/24/97	BRL	BRL	0.05 U	0.1 U	BRL	BRL	BRL	BRL	BRL	BRL	0.05 U	BRL	BRL	--
	3/26/98	BRL	--	BRL	BRL	BRL	BRL	BRL	0.02 U	--	--	--	--	--	--
	5/28/98	BRL	--	BRL	BRL	BRL	BRL	BRL	BRL	--	--	--	--	--	--
	9/16/98	BRL	--	BRL	BRL	BRL	BRL	BRL	BRL	--	--	--	--	--	--
	11/19/98	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	--
	2/8/99	BRL	--	BRL	BRL	BRL	BRL	0.02 U	BRL	--	--	--	--	--	--
	5/11/99	BRL	--	BRL	0.02 U	BRL	BRL	0.02 U	BRL	--	--	--	--	--	--
	11/8-9/99	BRL	BRL	BRL	0.1 U	BRL	BRL	0.02 U	BRL	BRL	BRL	BRL	BRL	BRL	--
	4/18-19/00	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	--
	10/16/2000	BRL	BRL	BRL	0.1 U	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	--
	4/10/01	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	--
	11/7-8/01	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	--
	4/16-17/02	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	--
	10/30-31/02	0.00024 U	0.00024 U	0.00024 U	0.00024 U	0.00024 U	0.00024 U	0.00024 U	0.00024 U	0.00024 U	0.00024 U	0.0083 J	0.00024 U	0.00024 U	--
	4/21-24/03	0.00079 U	0.00079 U	0.00079 U	0.00079 U	0.00079 U	0.00079 U	0.00079 U	0.00079 U	0.00079 U	0.00079 U	0.00079 U	0.00079 U	0.00079 U	--
	10/14-16/03	0.00079 U	0.00079 U	0.00079 U	0.1 U	0.00079 U	0.00079 U	0.00079 U	0.00079 U	0.00079 U	0.00079 U	0.00079 U	0.00079 U	0.00079 U	--
	4/20-21/04	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	--
	10/18-20/04	0.0012 U	0.0012 U	0.04 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	--
	4/26-27/05	0.000894 J	0.000221 U	R	R	0.000221 U	0.000221 U	0.000221 U	0.000221 U	0.000221 U	0.000221 U	0.000221 U	0.000221 U	0.000221 U	--
	11/2-4/05	0.00144 J	0.000643 U	0.000321 UJ	0.000321 U	0.000321 U	0.000321 U	0.000321 U	0.000321 U	0.000321 U	0.000321 U	0.000321 U	0.000321 U	0.000321 U	--
	5/30-6/2/06	0.000321 U	0.000321 U	0.000321 U	0.000321 U	0.000321 U	0.000321 U	0.000321 U	0.000321 U	0.000321 U	0.000321 U	0.000321 U	0.000321 U	0.000321 U	--
	10/23-11/9/06	0.00255 UJ	0.0025 UJ	--	--	0.00255 U	0.0025 UJ	0.00255 U	0.0026 UJ	0.0025 U	0.00255 U	0.0025 U	0.0025 U	0.0025 U	--
	1/3-4/07	--	--	0.0125 U	0.00255 U	--	--	0.00255 U	--	--	--	--	--	--	--
	3/5-8/07	0.0009 U	0.0009 U	0.001 U	0.01 U	0.001 U	0.001 U	0.001 U	0.0009 U	0.001 U	0.001 U	0.0009 U	0.001 U	0.001 U	--
	11/5-9/07	0.001 U	0.001 U	0.0009 UJ	R	0.001 U	0.001 U	0.001 U	0.001 U	0.0009 U	0.001 U	R	0.001 U	0.001 U	--
	1/22/08	--	--	--	0.001 UJ	--	--	--	--	--	--	0.001 UJ	--	--	--
	4/1-3/08	0.001 U	0.0009 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0009 U	0.001 U	--
	10/27-30/08	0.0009 U	0.0009 U	0.001 UJ	0.0009 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0009 U	0.0009 U	0.001 U	0.001 U	0.001 U	--
	3/16-19/09	0.001 U	0.001 U	0.002 UJ	0.001 U	0.001 U	0.0009 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 UJ	0.001 U	0.002 UJ	--
	9/14-17/09	0.001 U	0.001 U	0.002 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0009 U	0.001 U	0.001 U	0.001 U	0.001 U	0.002 U	--
	3/29-4/1/10	0.001 U	0.001 U	0.001 U	0.001 UJ	0.0009 UJ	0.001 U	0.001 UJ	0.001 UJ	0.001 U	0.001 U	0.001 U	0.001 U	0.002 UJ	--
	10/5-7/10	0.001 U	0.0009 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0009 U	0.001 U	0.001 U	0.001 U	0.0009 U	--
	3/22-24/11	0.001 U	0.001 U	0.001 U	0.001 UJ	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	--
	9/27-29/11	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	--
	3/20-22/12	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	--
	9/25-27/12	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	--
	3/25-28/13	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	--
	9/24-26/13	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	--
	3/25-27/14	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.0005 UJ	--
	9/23-26/14	0.0005 UJ	0.0005 UJ	0.0005 U	0.0005 U	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.0005 U	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.0005 UJ	--

Table 4. Current and Historical Analytical Results
Union Carbide Corporation,
Woodbine, Camden County, Georgia



Constituent GWPS	Sample Dates	MW-1	MW-37	MW-6	MW-7	MW-8	MW-34	MW-38	MW-39	MW-17	MW-18	MW-20	MW-21	MW-23	MW-23A
		Upgradient	Upgradient	POC	POC	POC	POC	POC	POC	Todd Creek	Todd Creek	Todd Creek	Todd Creek	Todd Creek	Todd Creek
		Shallow	Deep	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Deep	Shallow	Deep	Shallow	Shallow
2-Chlorophenol (continued) 0.071	3/24-26/15	0.0005 U	0.0005 U	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.0005 U	0.0005 UJ	0.0005 UJ	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	--
	9/22-24/15	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	--
	3/22-24/16	0.0005 U	0.0005 U	0.0005 UJ	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	--
	9/27-29/16	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 UJ	--
	3/28-30/17	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	--
	9/26-28/17	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	--
	3/20-22/18	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	--
	9/25-27/18	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	--
	3/19-21/19	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	--
	9/10-12/19	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.00009 U	0.0005 U	0.0005 U	0.0005 U	--
	6/9-11/20	0.00051 U	0.00052 U	0.00053 U	0.0005 U	0.00051 U	0.00051 U	0.00051 U	0.00051 U	0.00051 U	0.00051 U	0.00050 U	0.00050 U	0.00052 U	--
	11/2-5/20	0.00051 U	0.00050 U	0.00051 U	0.00053 U	0.00053 U	0.00052 U	0.00052 U	0.00054 U	0.00050 U	0.00050 U	0.00052 U	0.00053 U	0.00052 U	--
	3/23-25/21	0.000055 U	0.00056 U	0.00050 U	0.00054 U	0.00050 U	0.00053 U	0.00055 U	0.00051 U	0.00055 U	0.00056 U	0.00057 U	0.00055 U	0.00053 U	--
	9/21-23/21	0.00054 U	0.00052 U	0.00053 U	0.00053 U	0.00054 U	0.00050 U	0.00054 U	0.00054 U	0.00054 U	0.00053 U	0.00052 U	0.00051 U	ABANDONED	--
	3/22-24/22	0.00058 U	0.00053 U	0.00054 U	0.00056 U	0.00053 U	0.00053 U	0.00051 U	0.00055 U	0.00053 U	0.00051 U	0.00069 U	0.00056 U	ABANDONED	0.00057 U
	9/26-28/22	0.00056 U	0.00054 U	0.00053 U	0.00051 U	0.00056 U	0.00052 UJ	0.00054 U	0.00056 U	0.00058 U	0.00057 U	0.00052 U	0.00050 U	ABANDONED	0.00054 U
Dibenzofuran 0.0012	11/7/07	--	--	--	--	--	--	0.001 U	--	--	--	--	--	--	--
	10/29/08	--	--	0.001 UJ	--	--	--	--	--	--	--	--	--	--	--
	9/16/09	--	--	--	--	--	--	--	0.0009 U	--	--	--	--	--	--
	10/6/10	--	--	--	--	--	--	0.001 U	--	--	--	--	--	--	--
	9/29/11	--	--	--	--	--	--	--	0.0005 U	--	--	--	--	--	--
	9/27/12	--	--	--	--	--	0.0005 U	--	--	--	--	--	--	--	--
	9/26/13	--	--	0.0005 U	--	--	--	--	--	--	--	--	--	--	--
	9/25/14	--	--	--	0.0006 J	--	--	--	--	--	--	--	--	--	--
	3/24-25/15	--	--	--	0.0007 J	--	--	--	--	--	--	0.0005 U	--	--	--
	9/22-24/15	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	--
	3/22-24/16	0.0005 U	0.0005 U	0.0005 UJ	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	--
	9/27-29/16	0.0005 U	0.0005 U	0.0005 U	0.0006 J	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 UJ	--
	3/28-30/17	0.0005 U	0.0005 U	0.0005 U	0.0010	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	--
	9/26-28/17	0.0005 U	0.0005 U	0.0005 U	0.0020	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	--
	3/20-22/18	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	--
	9/25-27/18	0.0005 U	0.0005 U	0.0005 U	0.001 J	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	--
	3/19-21/19	0.0005 U	0.0005 U	0.0005 U	0.0007 J	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	--
	9/10-12/19	0.0005 U	0.0005 U	0.0005 U	0.001 J	0.0005 UJ	0.0005 UJ	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	--
	6/9-11/20	0.00051 U	0.00052 U	0.00053 U	0.00086 J	0.00051 U	0.00051 U	0.00051 U	0.00051 U	0.00051 U	0.00051 U	0.00050 U	0.00050 U	0.00052 U	--
	11/2-5/20	0.00051 U	0.00050 U	0.00051 U	0.00065 J	0.00053 U	0.00052 U	0.00052 U	0.00054 U	0.00050 U	0.00050 U	0.00052 U	0.00053 U	0.00052 U	--
	3/23-25/21	0.000055 U	0.00056 U	0.00050 U	0.00080 J	0.00050 U	0.00053 U	0.00055 U	0.00051 U	0.00055 U	0.00056 U	0.00057 U	0.00055 U	0.00053 U	--
	9/21-23/21	0.00054 U	0.00052 U	0.00053 U	0.00078 J	0.00054 U	0.00050 U	0.00054 U	0.00054 U	0.00054 U	0.00053 U	0.00052 U	0.00051 U	ABANDONED	--
	3/22-24/22	0.00058 U	0.00053 U	0.00054 U	0.00076 J	0.00053 U	0.00053 U	0.00051 U	0.00055 U	0.00053 U	0.00051 U	0.00069 U	0.00056 U	ABANDONED	0.00057 U
	9/26-28/22	0.00056 U	0.00054 U	0.00053 U	0.00074 J	0.00056 U	0.00052 UJ	0.00054 U	0.00056 U	0.00058 U	0.00057 U	0.00052 U	0.00050 U	ABANDONED	0.00054 U
1,4-Dichlorobenzene 0.075	11/7/2007	--	--	--	--	--	--	0.001 U	--	--	--	--	--	--	--
	10/29/2008	--	--	0.001 UJ	--	--	--	--	--	--	--	--	--	--	--
	9/16/2009	--	--	--	--	--	--	--	0.0009 U	--	--	--	--	--	--
	10/6/2010	--	--	--	--	--	--	0.001 U	--	--	--	--	--	--	--
	9/29/2011	--	--	--	--	--	--	--	0.0005 U	--	--	--	--	--	--
	9/27/2012	--	--	--	--	--	0.0005 U	--	--	--	--	--	--	--	--
	9/26/2013	--	--	0.0006 J	--	--	--	--	--	--	--	--	--	--	--
	11/25/2013	--	--	0.002	--	--	--	--	--	--	--	--	--	--	--
	3/25/2014	--	--	0.0005 UJ	--	--	--	--	--	--	--	--	--	0.0005 UJ	--
	9/25/2014	--	--	--	0.0008 J	--	--	--	--	--	--	--	--	--	--
	3/25/2015	--	--	--	0.001	--	--	--	--	--	--	0.001	--	--	--

Table 4. Current and Historical Analytical Results
Union Carbide Corporation,
Woodbine, Camden County, Georgia



Constituent GWPS	Sample Dates	MW-1	MW-37	MW-6	MW-7	MW-8	MW-34	MW-38	MW-39	MW-17	MW-18	MW-20	MW-21	MW-23	MW-23A
		Upgradient	Upgradient	POC	POC	POC	POC	POC	POC	Todd Creek	Todd Creek	Todd Creek	Todd Creek	Todd Creek	Todd Creek
		Shallow	Deep	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Deep	Shallow	Deep	Shallow	Shallow
1,4-Dichlorobenzene (continued) 0.075	9/22-24/15	0.0005 U	0.0005 U	0.002	0.0008 J	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	--
	3/22-24/16	0.0005 U	0.0005 U	0.002 J	0.0006 J	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	--
	9/27-29/16	0.0005 U	0.0005 U	0.0007 J	0.0005 J	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 J	0.0005 UJ	--
	3/28-30/17	0.0005 U	0.0005 U	0.0005 J	0.0007 J	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0007 J	0.0005 U	0.0005 U
	9/26-28/17	0.0005 U	0.0005 U	0.001	0.0007 J	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	--
	3/20-22/18	0.0005 U	0.0005 U	0.0005 J	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	--
	9/25-27/18	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	--
	3/19-21/19	0.0005 U	0.0005 U	0.0005 U	0.002	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 UJ	0.0005 U	0.0005 UJ	0.0005 UJ	0.0005 UJ	--
	9/10-12/19	0.0005 U	0.0005 U	0.0005 U	0.002 J	0.0005 UJ	0.0005 UJ	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	--
	6/9-11/20	0.00051 U	0.00052 U	0.00053 U	0.0012 J	0.00051 U	0.00051 U	0.00051 U	0.00051 U	0.00051 U	0.00051 U	0.00050 U	0.00050 U	0.00052 U	--
	11/2-5/20	0.00051 U	0.00050 U	0.00051 U	0.00053 U	0.00053 U	0.00052 U	0.00052 U	0.00054 U	0.00050 U	0.00050 U	0.00052 U	0.00053 U	0.00052 U	--
	3/23-25/21	0.000055 U	0.000056 U	0.000050 U	0.0020 J	0.000050 U	0.000053 U	0.000055 U	0.000051 U	0.000055 U	0.000056 U	0.000057 U	0.000055 U	0.000053 U	--
	9/21-23/21	0.000054 U	0.000052 U	0.000053 U	0.0021	0.000054 U	0.000050 U	0.000054 U	0.000054 U	0.000054 U	0.000053 U	0.000052 U	0.000051 U	ABANDONED	--
	3/22-24/22	0.000058 U	0.000053 U	0.000054 U	0.0018 J	0.000053 U	0.000053 U	0.000051 U	0.000055 U	0.000053 U	0.000051 U	0.000069 U	0.000056 U	ABANDONED	0.000057 U
	9/26-28/22	0.000056 U	0.000054 U	0.000053 U	0.0013 J	0.000056 U	0.000052 UJ	0.000054 U	0.000056 U	0.000058 U	0.000057 U	0.000052 U	0.000050 U	ABANDONED	0.000054 U
Fluorene 0.043	11/7/07	--	--	--	--	--	--	0.001 U	--	--	--	--	--	--	--
	10/29/08	--	--	0.001 UJ	--	--	--	--	--	--	--	--	--	--	--
	9/16/09	--	--	--	--	--	--	--	0.0009 U	--	--	--	--	--	--
	10/6/10	--	--	--	--	--	--	0.001 U	--	--	--	--	--	--	--
	9/29/11	--	--	--	--	--	--	--	0.00009 U	--	--	--	--	--	--
	9/27/12	--	--	--	--	--	0.00009 U	--	--	--	--	--	--	--	--
	9/26/13	--	--	0.0001 U	--	--	--	--	--	--	--	--	--	--	--
	9/25/14	--	--	--	0.00070	--	--	--	--	--	--	--	--	--	--
	3/24-25/15	--	--	--	0.00060	--	--	--	--	--	--	0.0001 U	--	--	--
	9/22-24/15	0.0001 U	0.0001 U	0.00009 U	0.00050	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.00009 U	0.00009 U	0.00009 U	0.0001 U	--
	3/22-24/16	0.00009 U	0.00009 U	0.0001 UJ	0.0006 J	0.00009 U	0.0001 U	0.00009 U	0.00009 U	0.00009 U	0.0001 U	0.0001 U	0.00009 U	0.00009 U	--
	9/27-29/16	0.00009 U	0.0001 U	0.0001 U	0.00050	0.00009 U	0.0001 U	0.00009 U	0.0001 U	0.00009 U	0.00009 U	0.00009 U	0.00009 U	0.00009 UJ	--
	3/28-30/17	0.00009 U	0.00009 U	0.0001 U	0.00070	0.00009 U	0.0001 U	0.00009 U	0.00009 U	0.00009 U	0.0002 J	0.0001 J	0.00009 U	0.0001 U	--
	9/26-28/17	0.00009 U	0.00009 U	0.00010 J	0.0010	0.00009 U	0.0001 U	0.00009 U	0.00009 U	0.00009 U	0.00009 U	0.00009 U	0.00009 U	0.00009 U	--
	3/20-22/18	0.00009 U	0.00009 U	0.00009 U	0.0001 U	0.0001 U	0.0001 U	0.00009 U	0.00009 U	0.0001 U	0.0001 U	0.00009 U	0.00009 U	0.0001 U	--
	9/25-27/18	0.0001 U	0.0001 U	0.0001 U	0.0010	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	--
	3/19-21/19	0.0001 U	0.0001 U	0.00009 U	0.0001 U	0.0001 U	0.00009 U	0.0001 U	0.00009 U	0.0001 U	0.0001 U	0.0001 U	0.00009 U	0.0001 U	--
	9/10-12/19	0.00009 U	0.00009 U	0.0001 U	0.0007	0.0001 UJ	0.0001 UJ	0.0001 U	0.0001 U	0.00009 U	0.00009 U	0.00009 U	0.00009 U	0.0001 U	--
	6/9-11/20	0.00010 U	0.00010 U	0.00011 U	0.00063	0.00010 U	0.00010 U	0.00010 U	0.00010 U	0.00010 U	0.00010 U	0.00010 U	0.00010 U	0.00010 U	--
	11/2-5/20	0.00010 U	0.00010 U	0.00010 U	0.00011 U	0.00011 U	0.00010 U	0.00010 U	0.00011 U	0.00010 U	0.00010 U	0.00010 U	0.00011 U	0.00010 U	--
	3/23-25/21	0.000013 U	0.00013 U	0.00012 U	0.00059	0.00012 U	0.00013 U	0.00013 U	0.00012 U	0.00013 U	0.00013 U	0.00014 U	0.00013 U	0.00013 U	--
	9/21-23/21	0.00013 U	0.00012 U	0.00013 U	0.00066	0.00013 U	0.00012 U	0.00013 U	0.00013 U	0.00013 U	0.00013 U	0.00012 U	0.00012 U	ABANDONED	--
	3/22-24/22	0.00014 U	0.00013 U	0.00013 U	0.00062	0.00013 U	0.00013 U	0.00012 U	0.00013 U	0.00013 U	0.00012 U	0.00017 U	0.00013 U	ABANDONED	0.00014 U
	9/26-28/22	0.00013 U	0.00013 U	0.00013 U	0.00053	0.00013 U	0.00013 UJ	0.00013 U	0.00013 U	0.00014 U	0.00014 U	0.00013 U	0.00012 U	ABANDONED	0.00013 U
2-Methylnaphthalene 0.027	11/24/97	BRL	BRL	0.05 U	0.1 U	BRL	BRL	BRL	BRL	BRL	BRL	0.05 U	BRL	BRL	--
	3/26/98	BRL	--	BRL	0.040	BRL	BRL	BRL	0.02 U	--	--	--	--	--	--
	5/28/98	BRL	--	BRL	0.044	BRL	BRL	BRL	BRL	--	--	--	--	--	--
	9/16/98	BRL	--	BRL	0.082	BRL	BRL	BRL	BRL	--	--	--	--	--	--
	11/19/98	BRL	BRL	0.05 U	0.1 U	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	--
	2/8/99	BRL	--	BRL	0.060	BRL	BRL	0.02 U	BRL	--	--	--	--	--	--
	5/11/99	BRL	--	BRL	0.039	BRL	BRL	0.02 U	BRL	--	--	--	--	--	--
	11/8-9/99	BRL	BRL	BRL	0.1 U	BRL	BRL	0.02 U	BRL	BRL	BRL	BRL	BRL	BRL	--
	4/18-19/00	BRL	BRL	BRL	0.066	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	--
	10/16/2000	BRL	BRL	BRL	0.1 U	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	--
	4/10/01	BRL	BRL	BRL	0.045	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	--
	11/7-8/01	BRL	BRL	BRL	0.056	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	--

Table 4. Current and Historical Analytical Results

Union Carbide Corporation,
Woodbine, Camden County, Georgia



Constituent GWPS	Sample Dates	MW-1	MW-37	MW-6	MW-7	MW-8	MW-34	MW-38	MW-39	MW-17	MW-18	MW-20	MW-21	MW-23	MW-23A
		Upgradient	Upgradient	POC	POC	POC	POC	POC	POC	Todd Creek	Todd Creek	Todd Creek	Todd Creek	Todd Creek	Todd Creek
		Shallow	Deep	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Deep	Shallow	Deep	Shallow	Shallow
2-Methylnaphthalene (continued) 0.027	4/16-17/02	BRL	BRL	BRL	0.029	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	--
	10/30-31/02	0.00033 U	0.00033 U	0.00033 U	0.021	0.00033 U	0.0029 J	0.00033 U	0.00033 U	0.00033 U	0.00033 U	0.00033 U	0.00033 U	0.00033 U	--
	4/21-24/03	0.0021 U	0.0021 U	0.0021 U	0.015	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.0021 U	--
	10/14-16/03	0.0021 U	0.0021 U	0.0021 U	0.1 U	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.0021 U	--
	4/20-21/04	0.0015 U	0.0015 U	0.0015 U	0.012	0.0015 U	0.0015 U	0.0015 U	0.0015 U	0.0015 U	0.0015 U	0.0015 U	0.0015 U	0.0015 U	--
	10/18-20/04	0.0015 U	0.0015 U	0.04 U	0.014	0.0015 U	0.0015 U	0.0015 U	0.0015 U	0.0015 U	0.0015 U	0.0015 U	0.0015 U	0.0015 U	--
	4/26-27/05	0.000877 J	0.000164 U	0.000164 U	0.000164 U	0.000164 U	0.00194 J	0.000164 U	0.000164 U	0.000164 U	0.000164 U	0.000164 U	0.000164 U	0.000164 U	--
	11/2-4/05	0.000216 U	0.000432 U	0.000216 U	0.0135 J	0.000216 U	0.00198 J	0.000216 U	0.000216 U	0.000216 U	0.000216 U	0.000216 U	0.000216 U	0.000216 U	--
	5/30-6/2/06	0.000216 U	0.000216 U	0.000216 U	0.0122 J	0.000216 U	0.000787 J	0.000216 U	0.000216 U	0.000216 U	0.000216 U	0.000216 U	0.000216 U	0.000216 U	--
	10/23-11/9/06	0.00255 U	0.0025 U	0.00255 U	0.0271 J	0.00255 U	0.0025 U	0.00255 U	0.0026 UJ	0.0025 UJ	0.00255 UJ	0.0025 UJ	0.0025 UJ	0.0025 UJ	--
	1/3-4/07	--	--	0.0125 U	0.034	--	--	0.00255 U	--	--	--	--	--	--	--
	3/5-8/07	0.0009 U	0.0009 U	0.002 J	0.027 J	0.001 U	0.001 J	0.001 U	0.0009 U	0.001 U	0.001 U	0.0009 U	0.001 U	0.001 U	--
	11/5-9/07	0.001 U	0.001 U	0.0009 UJ	0.051 J	0.001 U	0.001 J	0.001 U	0.001 U	0.0009 U	0.001 U	0.001 U	0.001 U	0.001 U	--
	4/1-3/08	0.001 U	0.0009 U	0.001 U	0.043	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0009 U	0.001 U	--
	10/27-30/08	0.0009 U	0.0009 U	0.001 UJ	0.039 J	0.001 U	0.001 J	0.001 U	0.002 U	0.0009 U	0.0009 U	0.001 U	0.001 U	0.001 U	--
	3/16-19/09	0.001 U	0.001 U	0.002 U	0.021	0.001 U	0.0009 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.002 UJ	--
	9/14-17/09	0.001 U	0.001 U	0.002 U	0.021	0.001 U	0.001 U	0.001 U	0.0009 U	0.001 U	0.001 U	0.001 U	0.001 U	0.002 U	--
	3/29-4/1/10	0.001 U	0.001 U	0.001 U	0.018 J	0.0009 UJ	0.001 U	0.001 UJ	0.001 UJ	0.001 U	0.001 U	0.001 U	0.001 U	0.002 U	--
	10/5-7/10	0.001 U	0.0009 U	0.001 U	0.012	0.001 U	0.001 U	0.001 U	0.001 U	0.0009 U	0.001 U	0.001 U	0.001 U	0.0009 U	--
	3/22-24/11	0.001 U	0.001 U	0.001 U	0.011	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	--
	9/27-29/11	0.0001 U	0.0001 U	0.00009 U	0.0070	0.00009 U	0.00060	0.0001 U	0.00009 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.00009 U	--
	3/20-22/12	0.0001 U	0.00009 U	0.0001 U	0.0070 J	0.0001 U	0.00060	0.0001 U	0.00009 U	0.0001 U	0.0001 U	0.00009 U	0.0001 U	0.0001 U	--
	9/25-27/12	0.00009 U	0.0001 U	0.0001 U	0.014	0.0001 U	0.0005 J	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0002 J	0.00009 U	0.00009 U	--
	3/25-28/13	0.00009 U	0.0001 U	0.0001 U	0.010	0.00009 U	0.0004 J	0.0001 U	0.0001 U	0.00009 U	0.00009 U	0.0001 U	0.00009 U	0.0001 U	--
	9/24-26/13	0.0001 U	0.0001 U	0.0001 U	0.032 J	0.0001 U	0.0004 J	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	--
	3/25-27/14	0.00009 UJ	0.00009 UJ	0.0001 UJ	0.017	0.00009 U	0.0003 J	0.0001 U	0.0001 UJ	0.0001 UJ	0.0001 UJ	0.00009 UJ	0.00009 UJ	0.0001 UJ	--
	9/23-26/14	0.00009 U	0.00009 U	0.00009 U	0.019	0.0001 U	0.0003 J	0.00009 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	--
	3/24-26/15	0.00009 U	0.00009 U	0.0001 U	0.017 J	0.00009 U	0.0002 J	0.0001 U	0.00009 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0003 J	--
	9/22-24/15	0.0001 U	0.0001 U	0.0004 J	0.013	0.0001 U	0.0002 J	0.0001 U	0.0001 U	0.0001 U	0.00009 U	0.00009 U	0.00009 U	0.0001 U	--
	3/22-24/16	0.00009 U	0.00009 U	0.0001 UJ	0.013 J	0.00009 U	0.0002 J	0.00009 U	0.00009 U	0.00009 U	0.0001 U	0.0001 U	0.00009 U	0.00009 U	--
	9/27-29/16	0.00009 U	0.0001 U	0.0001 U	0.026	0.00009 U	0.0002 J	0.00009 U	0.0001 U	0.00009 U	0.00009 U	0.00009 U	0.00009 U	0.00009 UJ	--
	3/28-30/17	0.00009 U	0.00009 U	0.00080	0.039	0.00009 U	0.0002 J	0.00009 U	0.00009 U	0.00009 U	0.0001 U	0.0007	0.0001 U	0.0001 U	--
	9/26-28/17	0.00009 U	0.00009 U	0.00009 U	0.037	0.00009 U	0.0003 J	0.00009 U	0.00009 U	0.00009 U	0.00009 U	0.00009 U	0.00009 U	0.00009 U	--
	3/20-22/18	0.00009 U	0.00009 U	0.00009 U	0.040	0.0001 U	0.0002 J	0.00009 U	0.00009 U	0.0001 U	0.0001 U	0.00009 U	0.00009 U	0.0001 U	--
	9/25-27/18	0.0001 U	0.0001 U	0.0001 U	0.037	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	--
	3/19-21/19	0.0001 U	0.0001 U	0.00009 U	0.034	0.0001 U	0.00009 U	0.0001 U	0.00009 U	0.0001 U	0.0001 U	0.0001 U	0.00009 U	0.0001 U	--
	9/10-12/19	0.00009 U	0.00009 U	0.0001 U	0.023	0.0001 UJ	0.0002 J	0.0001 U	0.0001 U	0.00009 U	0.00009 U	0.00009 U	0.00009 U	0.0001 U	--
	6/9-11/20	0.00010 U	0.00010 U	0.00011 U	0.030	0.00010 U	0.00051 UB	0.00010 U	0.00010 U	0.00010 U	0.00010 U	0.00010 U	0.00010 U	0.00010 U	--
	11/2-5/20	0.00010 U	0.00010 U	0.00010 U	0.019	0.00011 U	0.00020 J	0.00010 U	0.00011 U	0.00010 U	0.00010 U	0.00010 U	0.00011 U	0.00010 U	--
	3/23-25/21	0.000011 U	0.000011 U	0.00010 U	0.027	0.00010 U	0.00020 J	0.00011 U	0.00010 U	0.00011 U	0.00011 U	0.00011 U	0.00011 U	0.00011 U	--
	9/21-23/21	0.00011 U	0.00010 U	0.00011 U	0.03	0.00011 U	0.00012 J	0.00011 U	0.00011 U	0.00011 U	0.00011 U	0.00010 U	0.00010 U	0.00010 U	ABANDONED
	3/22-24/22	0.00012 U	0.00011 U	0.00011 U	0.026	0.00011 U	0.00019 J	0.00010 U	0.00011 U	0.00011 U	0.00010 U	0.00014 U	0.00011 U	0.00011 U	0.00011 U
	9/26-28/22	0.00011 U	0.00011 U	0.00011 U	0.024	0.00011 U	0.00010 UJ	0.00011 U	0.00011 U	0.00012 U	0.00011 U	0.00010 U	0.00010 U	0.00010 U	0.00011 U
m & p Cresol NA	11/24/97	BRL	BRL	0.084	0.26	BRL	BRL	BRL	26	BRL	BRL	0.05 U	BRL	BRL	--
	3/26/98	BRL	--	0.12	0.040	BRL	BRL	0.062	0.02 U	--	--	--	--	--	--
	5/28/98	BRL	--	0.071	0.054	BRL	BRL	0.045	BRL	--	--	--	--	--	--
	9/16/98	BRL	--	0.051	0.19	BRL	BRL	BRL	BRL	--	--	--	--	--	--
	11/19/98	BRL	BRL	BRL	0.32	BRL	BRL	0.022	BRL	BRL	BRL	BRL	BRL	BRL	--
	2/8/99	BRL	--	0.024	0.21	BRL	BRL	0.21	BRL	--	--	--	--	--	--
	5/11/99	BRL	--	0.083	0.20	BRL	BRL	0.19	BRL	--	--	--	--	--	--

Table 4. Current and Historical Analytical Results
Union Carbide Corporation,
Woodbine, Camden County, Georgia



Constituent GWPS	Sample Dates	MW-1	MW-37	MW-6	MW-7	MW-8	MW-34	MW-38	MW-39	MW-17	MW-18	MW-20	MW-21	MW-23	MW-23A
		Upgradient	Upgradient	POC	POC	POC	POC	POC	POC	Todd Creek	Todd Creek	Todd Creek	Todd Creek	Todd Creek	Todd Creek
		Shallow	Deep	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Deep	Shallow	Deep	Shallow	Shallow
m & p Cresol (continued) NA	11/8-9/99	BRL	BRL	BRL	0.10	BRL	BRL	0.26	BRL	BRL	BRL	0.012	BRL	BRL	--
	4/18-19/00	BRL	BRL	0.20	0.16	BRL	BRL	0.18	BRL	BRL	BRL	0.026	BRL	BRL	--
	10/16/2000	BRL	BRL	0.23	0.21	BRL	BRL	0.014	BRL	BRL	BRL	0.07	BRL	BRL	--
	4/10/01	BRL	BRL	0.15	0.16	BRL	BRL	0.027	BRL	BRL	BRL	0.1	BRL	BRL	--
	11/7-8/01	BRL	BRL	0.061	0.055	BRL	BRL	BRL	BRL	BRL	BRL	0.05	BRL	BRL	--
	4/16-17/02	BRL	BRL	BRL	0.013	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	--
	10/30-31/02	0.00071 U	0.00071 U	0.0049 J	0.014	0.00071 U	0.00071 U	0.0084 J	0.00071 U	0.00071 U	0.00071 U	0.0044 J	0.00071 U	0.0027 J	--
	4/21-24/03	0.001 U	0.001 U	0.001 U	0.028	0.001 U	0.001 U	0.0019 J	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0037 J	--
	10/14-16/03	0.001 U	0.001 U	0.001 U	0.10	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	--
	4/20-21/04	0.0015 U	0.0015 U	0.0015 U	0.012	0.0015 U	0.0015 U	0.033	0.076	0.0015 U	0.0015 U	0.0015 U	0.0015 U	0.0015 U	--
	10/18-20/04	0.0015 U	0.0015 U	0.04 U	0.038	0.0015 U	0.0015 U	0.0015 U	0.014	0.0015 U	0.0015 U	0.004 J	0.0015 U	0.0015 U	--
	4/26-27/05	0.000815 J	0.000284 U	R	0.0779 J	0.000284 U	0.000284 U	0.000284 U	0.0307	0.000284 U	0.000284 U	0.00227 J	0.000284 U	0.000284 U	--
	11/2-4/05	0.00273 J	0.00187 U	0.000933 UJ	0.053 J	0.000933 U	0.000933 U	0.000933 U	0.0236 J	0.000933 U	0.000933 U	0.000933 U	0.000933 U	0.000933 U	--
	5/30-6/2/06	0.000933 U	0.000933 U	0.0113	0.154	0.000933 U	0.000933 U	0.000933 U	0.000933 U	0.000933 U	0.000933 U	0.0101	0.000933 U	0.000933 U	--
	10/23-11/9/06	0.00255 UJ	0.0025 UJ	0.00774 J	--	0.00255 U	0.0025 UJ	0.00255 U	0.0026 UJ	0.0025 UJ	0.00255 UJ	0.00755 J	0.0025 UJ	0.0025 UJ	--
	1/3-4/07	--	--	0.0125 U	0.238	--	--	0.00255 U	--	--	--	--	--	--	--
	3/5-8/07	0.002 U	0.002 U	0.0050	0.270	0.002 U	0.002 U	0.002 U	0.011	0.002 U	0.002 U	0.013	0.002 U	0.002 U	--
	11/5-9/07	0.002 U	0.002 U	0.072 J	0.19 J	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.05 J	0.002 U	0.002 U	--
	4/1-3/08	0.002 U	0.002 U	0.11	0.23 J	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.085	0.002 U	0.002 U	--
	10/27-30/08	0.002 U	0.002 U	0.093 J	0.16	0.002 U	0.002 U	0.002 U	0.004 U	0.002 U	0.002 U	0.039	0.002 U	0.002 U	--
	3/16-19/09	0.002 U	0.002 U	0.082 J	0.035	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.044 J	0.002 U	0.004 UJ	--
	9/14-17/09	0.002 U	0.002 U	0.11 J	0.011	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.052	0.002 U	0.004 U	--
	3/29-4/1/10	0.002 U	0.003 U	0.024 J	0.044 J	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.02 J	0.002 U	0.004 UJ	--
	10/5-7/10	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.008	0.002 U	0.002 U	--
	3/22-24/11	0.002 U	0.002 U	0.002 U	0.007 J	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.02	0.002 U	0.002 U	--
	9/27-29/11	0.0005 U	0.0005 U	0.0005 U	0.0020	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.047	0.0005 U	0.0005 U	--
m-cresol (3-methylphenol) 0.716	3/20-22/12	0.0005 U	0.0005 U	0.0030	0.017 J	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.042	0.0005 U	0.0005 U	--
	9/25-27/12	0.0005 U	0.0005 U	0.0005 U	0.013	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.037	0.0005 U	0.0005 U	--
	3/25-28/13	0.0005 U	0.0005 U	0.021	0.059 J	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.059 J	0.0005 U	0.0005 U	--
	9/24-26/13	0.0005 U	0.001	0.024	0.008 J	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.055 J	0.0005 U	0.0005 U	--
	3/25-27/14	0.0005 UJ	0.0005 UJ	0.034 J	0.025	0.0005 U	0.0005 U	0.0005 U	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.061 J	0.0005 UJ	0.0005 UJ	--
	9/23-26/14	0.0005 U	0.0005 U	0.014	0.0040	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.001	0.0005 U	0.0005 U	--
	3/24-26/15	0.0005 U	0.0005 U	0.0005 UJ	0.0050 J	0.0005 UJ	0.0005 U	0.0005 U	0.0005 UJ	0.0005 U	0.0005 U	0.028 J	0.0005 U	0.0005 U	--
	9/22-24/15	0.0005 UJ	0.0005 UJ	0.0005 U	0.0060	0.0005 U	0.0005 UJ	0.0005 U	0.0005 U	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.0005 UJ	--
	3/22-24/16	0.0005 UJ	0.0005 UJ	0.0005 U	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.0005 UJ	--
	9/27-29/16	0.0005 U	0.0005 U	0.0040	0.054 J	0.0005 UJ	0.0005 UJ	0.0005 U	0.0005 UJ	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	--
	3/28-30/17	0.0005 UJ	0.0005 UJ	0.0009 J	0.055 J	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.0005 U	0.0005 U	0.013	0.0005 UJ	0.0005 UJ	--
	9/26-28/17	0.0005 U	0.0005 U	0.0010	0.20	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	--
	3/20-22/18	0.0005 U	0.0005 U	0.032	0.099	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.03	0.0005 U	0.0005 U	--
	9/25-27/18	0.002 UJ	0.002 UJ	0.003 J	0.18 J	0.002 UJ	0.002 UJ	0.002 UJ	0.002 UJ	0.002 U	0.002 U	0.008	0.002 U	0.002 U	--
	3/19-21/19	0.0005 U	0.0005 U	0.0020	0.21 D	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.002	0.0005 U	0.0005 U	--
	9/10-12/19	0.0005 U	0.0005 UJ	0.0005 UJ	0.033	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.007 J	0.0005 UJ	0.0005 U	--
	6/9-11/20	0.00051 UJ	0.00052 UJ	0.011	0.00050 UJ	0.00051 U	0.00051 U	0.00051 UJ	0.00051 U	0.00051 UJ	0.00051 UJ	0.0033 J	0.00050 UJ	0.00052 UJ	--
	11/2-5/20	0.00051 U	0.00050 UJ	0.038 J	0.00053 U	0.00053 UJ	0.00052 UJ	0.00052 U	0.00054 UJ	0.00050 U	0.00051 U	0.00052 U	0.00053 U	0.00052 U	--
	3/23-25/21	0.00055 U	0.00056 UJ	0.014 J	0.00054 UJ	0.00050 U	0.00053 UJ	0.00055 U	0.00051 U	0.00055 UJ	0.00056 UJ	0.00057 UJ	0.00055 UJ	0.00053 UJ	--
	9/21-23/21	0.00054 UJ	0.00052 UJ	0.0056	0.00053 U	0.00054 UJ	0.00050 UJ	0.00054 UJ	0.00054 U	0.00054 U	0.00053 U	0.00052 U	0.00051 U	ABANDONED	--
	3/22-24/22	0.00058 U	0.00053 U	0.00054 U	0.00056 U	0.00053 U	0.00053 U	0.00051 U	0.00055 U	0.00053 U	0.00051 U	0.00069 U	0.00056 U	ABANDONED	0.00057 U
	9/26-28/22	0.00056 UJ	0.00054 UJ	0.00053 UJ	0.00051 UJ	0.00056 UJ	0.00052 UJ	0.00054 UJ	0.00056 UJ	0.00058 UJ	0.00057 UJ	0.00052 UJ	0.00050 UJ	ABANDONED	0.00054 UJ
p-cresol (4-methylphenol) 0.072	3/20-22/12	0.0005 U	0.0005 U	0.0005 U	0.0090	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.002	0.0005 U	0.0005 U	--
	9/25-27/12	0.0005 U	0.0005 U	0.0005 U	0.0070	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.002	0.0005 U	0.0005 U	--

Table 4. Current and Historical Analytical Results

Union Carbide Corporation,
Woodbine, Camden County, Georgia



Constituent GWPS	Sample Dates	MW-1	MW-37	MW-6	MW-7	MW-8	MW-34	MW-38	MW-39	MW-17	MW-18	MW-20	MW-21	MW-23	MW-23A
		Upgradient	Upgradient	POC	POC	POC	POC	POC	POC	Todd Creek	Todd Creek	Todd Creek	Todd Creek	Todd Creek	Todd Creek
		Shallow	Deep	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Deep	Shallow	Deep	Shallow	Shallow
p-cresol (4-methylphenol) (continued) 0.072	3/25-28/13	0.0005 U	0.0005 U	0.0040	0.013	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	--
	9/24-26/13	0.0005 U	0.0005 U	0.0040	0.0090	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	--
	3/25-27/14	0.0005 UJ	0.0005 UJ	0.006 J	0.0050	0.0005 U	0.0005 U	0.0005 U	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.0005 UJ	--
	9/23-26/14	0.0005 UJ	0.0005 UJ	0.0030	0.0005 U	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.0005 UJ	--
	3/24-26/15	0.0005 U	0.0005 U	0.0005 U	0.00060 J	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0007	0.0005 U	--
	9/22-24/15	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.00070 J	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.0005 UJ	--
	3/22-24/16	0.0005 UJ	0.0005 UJ	0.0005 U	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.0005 UJ	--
	9/27-29/16	0.0005 U	0.0005 U	0.0005 U	0.0060	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	--
	3/28-30/17	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.010 J	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.0006 J	0.0005 UJ	0.0005 UJ	--
	9/26-28/17	0.0005 U	0.0005 U	0.0005 U	0.036	0.0005 U	0.0005 U	0.0005 UJ	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	--
	3/20-22/18	0.0005 U	0.0005 U	0.0030	0.0060	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0007 J	0.0005 U	0.0005 U	--
	9/25-27/18	0.002 UJ	0.002 UJ	0.002 UJ	0.018 J	0.002 UJ	0.002 UJ	0.002 UJ	0.002 UJ	0.002 U	0.002 U	0.002 U	0.002 UJ	0.002 U	--
	3/19-21/19	0.0005 U	0.0005 U	0.0005 U	0.052	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	--
	9/10-12/19	0.0005 U	0.0005 UJ	0.0005 UJ	0.026	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.0005 UJ	--
	6/9-11/20	0.00051 UJ	0.00052 UJ	0.00053 U	0.00050 U	0.00051 U	0.00051 U	0.00051 U	0.00051 U	0.00051 U	0.00051 U	0.00051 U	0.0041 J	0.00050 UJ	0.00052 UJ
	11/2-5/20	0.00051 U	0.00050 UJ	0.0041 J	0.00053 U	0.00053 UJ	0.00052 UJ	0.00052 U	0.00054 UJ	0.00050 U	0.00051 U	0.00052 U	0.00053 U	0.00052 U	--
	3/23-25/21	0.00055 U	0.00056 UJ	0.0012 J	0.00054 UJ	0.00050 U	0.00053 UJ	0.00055 U	0.00051 U	0.00055 UJ	0.00056 UJ	0.00057 UJ	0.00055 UJ	0.00053 UJ	--
	9/21-23/21	0.00054 U	0.00052 U	0.00053 U	0.00053 U	0.00054 U	0.00050 U	0.00054 U	0.00054 U	0.00054 U	0.00053 U	0.00052 U	0.00051 U	ABANDONED	--
	3/22-24/22	0.00058 U	0.00053 U	0.00054 U	0.00056 U	0.00053 U	0.00053 U	0.00051 U	0.00055 U	0.00053 U	0.00051 U	0.00069 U	0.00056 U	ABANDONED	0.00057 U
	9/26-28/22	0.00056 UJ	0.00054 UJ	0.00053 UJ	0.00051 UJ	0.00056 UJ	0.00052 UJ	0.00054 UJ	0.00056 UJ	0.00058 UJ	0.00057 UJ	0.00052 UJ	0.00050 UJ	ABANDONED	0.00054 UJ
Naphthalene 0.0010	11/24/97	BRL	BRL	0.05 U	0.1 U	BRL	BRL	BRL	BRL	BRL	BRL	0.5 U	BRL	0.01	--
	3/26/98	BRL	--	BRL	0.017	BRL	BRL	BRL	0.02 U	--	--	--	--	--	--
	5/28/98	BRL	--	BRL	BRL	BRL	BRL	BRL	BRL	--	--	--	--	--	--
	9/16/98	BRL	--	BRL	0.016	BRL	BRL	BRL	BRL	--	--	--	--	--	--
	11/19/98	BRL	BRL	0.05 U	0.1 U	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	0.01	--
	2/8/99	BRL	--	BRL	BRL	BRL	BRL	0.02 U	BRL	--	--	--	--	--	--
	5/11/99	BRL	--	BRL	0.02 U	BRL	BRL	0.02 U	BRL	--	--	--	--	--	--
	11/8-9/99	BRL	BRL	BRL	0.1 U	BRL	BRL	0.02 U	BRL	BRL	BRL	BRL	BRL	BRL	--
	4/18-19/00	BRL	BRL	BRL	0.013	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	--
	10/16/00	BRL	BRL	BRL	0.1 U	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	--
	4/10/01	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	--
	11/7-8/01	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	--
	4/16-17/02	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	--
	10/30-31/02	0.00036 U	0.00036 U	0.021	0.00036 U	0.00036 U	0.0014 J	0.00036 U	0.011	0.00036 U	0.00036 U	0.0069 J	0.00036 U	0.0088 J	--
	4/21-24/03	0.001 U	0.001 U	0.001 U	0.0033 J	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	--
	10/14-16/03	0.001 U	0.001 U	0.001 U	0.1 U	0.001 U	0.001 U	0.001 U	0.034	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	--
	4/20-21/04	0.0016 U	0.0016 U	0.0040 J	0.007 J	0.0016 U	0.0016 U	0.0016 U	0.0016 U	0.0016 U	0.0016 U	0.0016 U	0.0016 U	0.0016 U	--
	10/18-20/04	0.0016 U	0.0016 U	0.04 U	0.010	0.0016 U	0.0016 U	0.0016 U	0.030	0.0016 U	0.0016 U	0.0016 U	0.0016 U	0.0016 U	--
	4/26-27/05	0.000889 J	0.000211 U	0.000211 U	0.000211 U	0.000647 J	0.000931 J	0.000211 U	0.000211 U	0.000211 U	0.000211 U	0.000211 U	0.000211 U	0.000211 U	--
	11/2-4/05	0.000211 U	0.000421 U	0.000211 U	0.00211 U	0.000211 U	0.00259 J	0.00616 J	0.00105 U	0.000211 U	0.000211 U	0.000211 U	0.000211 U	0.000211 U	--
	5/30-7/5/06	0.000211 U	0.000211 U	0.000211 U	0.00211 UJ	0.000211 UJ	0.00044 J	0.000211 UJ	0.000211 U	0.000211 U	0.000211 U	0.000211 U	0.000211 U	0.000211 U	--
	10/23-11/9/06	0.00255 U	0.0025 U	0.00255 U	0.0125 U	0.00255 U	0.0025 U	0.00255 U	0.00618 J	0.0025 U	0.00255 U	0.0025 U	0.0025 U	0.0025 U	--
	1/3-4/07	--	--	0.0125 U	0.00255 U	--	--	0.00255 U	--	--	--	--	--	--	--
	3/5-8/07	0.0009 U	0.0009 U	0.031	0.21	0.001 U	0.001 U	0.001 U	0.033	0.001 U	0.001 U	0.006	0.001 U	0.001 U	--
	11/5-9/07	0.001 U	0.001 U	0.0009 UJ	0.027	0.001 U	0.001 U	0.001 U	0.013	0.0009 U	0.001 U	0.012	0.001 U	0.001 U	--
	4/1-3/08	0.001 U	0.0009 U	0.001 U	0.007	0.001 U	0.001 U	0.001 U	0.005	0.001 U	0.001 U	0.001 U	0.0009 U	0.001 U	--
	10/27-30/08	0.0009 U	0.0009 U	0.001 UJ	0.005	0.001 J	0.001 J	0.001 U	0.001 U	0.0009 U	0.0009 U	0.001 U	0.001 U	0.001 U	--
	3/16-19/09	0.001 U	0.001 U	0.002 UJ	0.003 J	0.001 U	0.0009 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.002 UJ	--
	9/14-17/09	0.001 U	0.001 U	0.002 U	0.005	0.001 U	0.001 J	0.001 U	0.003 J	0.001 U	0.001 U	0.001 U	0.001 U	0.009 J	--
	3/29-4/1/10	0.001 U	0.001 U	0.001 U	0.002 J	0.0009 UJ	0.001 U	0.001 UJ	0.001 UJ	0.001 U	0.001 U	0.001 U	0.001 U	0.002 U	--

Table 4. Current and Historical Analytical Results
Union Carbide Corporation,
Woodbine, Camden County, Georgia



Constituent GWPS	Sample Dates	MW-1	MW-37	MW-6	MW-7	MW-8	MW-34	MW-38	MW-39	MW-17	MW-18	MW-20	MW-21	MW-23	MW-23A
		Upgradient	Upgradient	POC	POC	POC	POC	POC	POC	Todd Creek	Todd Creek	Todd Creek	Todd Creek	Todd Creek	Todd Creek
		Shallow	Deep	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Deep	Shallow	Deep	Shallow	Shallow
Naphthalene (continued) 0.0010	10/5-7/10	0.001 U	0.0009 U	0.001 U	0.003 J	0.001 U	0.001 U	0.001 U	0.001 U	0.0009 U	0.001 U	0.001 U	0.001 U	0.0009 U	--
	3/22-24/11	0.001 U	0.001 U	0.001 U	0.002 J	0.001 U	0.001 U	0.001 U	0.014	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	--
	9/27-29/11	0.0001 U	0.0001 J	0.00009 U	0.003	0.00009 U	0.0006	0.0001 U	0.00009 U	0.0001 U	0.0001 U	0.0001 J	0.0001 U	0.00009 U	--
	3/20-22/12	0.0001 U	0.00009 U	0.0001 U	0.004 J	0.0001 U	0.0008	0.0001 U	0.00009 U	0.0001 U	0.0001 U	0.00009 U	0.0001 U	0.0001 U	--
	9/25-27/12	0.00009 U	0.0001 U	0.0001 U	0.004 J	0.0001 U	0.0009 J	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.00009 U	0.001	--
	3/25-28/13	0.00009 U	0.0001 U	0.0001 U	0.008	0.00009 U	0.001	0.0001 U	0.0001 U	0.00009 U	0.00009 U	0.0001 J	0.00009 U	0.0001 U	--
	9/24-26/13	0.00010 J	0.0001 U	0.0005 U	0.023	0.0001 J	0.002	0.0001 U	0.008	0.0001 U	0.0001 U	0.0004 J	0.0003 J	0.007	--
	3/25-27/14	0.00009 UJ	0.00009 UJ	0.0001 UJ	0.006	0.00009 U	0.002	0.0001 U	0.0001 UJ	0.0001 UJ	0.0001 UJ	0.0002 J	0.00009 UJ	0.0001 UJ	--
	9/23-26/14	0.00009 U	0.00009 U	0.00030 J	0.006	0.0001 U	0.001	0.00009 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	--
	3/24-26/15	0.00009 U	0.00009 U	0.0001 UJ	0.008 J	0.00009 UJ	0.002	0.0009 J	0.00009 UJ	0.0001 U	0.0001 U	0.0001 U	0.003	0.0006	--
	9/22-24/15	0.0001 U	0.0001 U	0.00009 U	0.004	0.0001 U	0.001	0.0001 U	0.0001 U	0.0001 U	0.00009 U	0.00009 U	0.002	0.0001 U	--
	3/22-24/16	0.00009 U	0.00009 U	0.0001 UJ	0.006 J	0.00009 U	0.001	0.00009 U	0.00009 U	0.0001 J	0.0001 U	0.0001 U	0.00009 U	0.00009 U	--
	9/27-29/16	0.00009 U	0.0001 U	0.0001 U	0.014	0.00009 U	0.001	0.00009 U	0.029	0.0001 J	0.00009 U	0.00009 U	0.00009 U	0.0002 J	--
	3/28-30/17	0.00009 U	0.00009 U	0.0001 U	0.013	0.00009 U	0.0008	0.00009 U	0.00009 U	0.0004 J	0.0001 U	0.00009 U	0.0001 U	0.0001 U	--
	9/26-28/17	0.00009 U	0.00009 U	0.00009 U	0.03	0.00009 U	0.001	0.00009 U	0.0003 J	0.00009 U	0.00009 U	0.00009 U	0.00009 U	0.00009 U	--
	3/20-22/18	0.00009 U	0.00009 U	0.00009 U	0.032	0.0001 U	0.001	0.00009 U	0.00009 U	0.0001 J	0.0001 U	0.00009 U	0.00009 U	0.0001 U	--
	9/25-27/18	0.0001 U	0.0001 U	0.0060	0.034	0.0001 U	0.0009	0.0001 U	0.006	0.0002 J	0.0001 U	0.0001 U	0.0001 U	0.0001 U	--
	3/19-21/19	0.0001 U	0.0001 U	0.00009 U	0.014	0.0001 U	0.0009	0.0001 U	0.00009 U	0.0002 J	0.0001 U	0.0001 U	0.00009 U	0.0001 U	--
	9/10-12/19	0.00009 U	0.00009 U	0.0001 U	0.019	0.0001 UJ	0.001 J	0.0001 U	0.004	0.0003 J	0.00009 U	0.012	0.003 J	0.001	--
	6/9-11/20	0.00010 U	0.00010 U	0.027	0.019	0.00010 U	0.00089 UB	0.00010 U	0.00010 U	0.00010 U	0.00010 U	0.00010 U	0.00010 U	0.00010 U	--
	11/2-5/20	0.00010 U	0.00010 U	0.00010 U	0.011	0.00011 U	0.0010	0.00010 U	0.00011 U	0.00010 U	0.00010 U	0.00010 U	0.00011 U	0.00010 U	--
	3/23-25/21	0.000011 U	0.00011 U	0.00010 U	0.018	0.00010 U	0.0010	0.00011 U	0.00010 U	0.00011 U	0.00011 U	0.0054	0.0031	0.00011 U	--
	9/21-23/21	0.00011 U	0.00010 U	0.00011 U	0.015	0.00011 U	0.00073	0.00011 U	0.00011 U	0.00011 U	0.00011 U	0.00010 U	0.00010 U	ABANDONED	--
	3/22-24/22	0.00012 U	0.00011 U	0.00011 U	0.051	0.00011 U	0.0013	0.00010 U	0.016	0.00011 U	0.00010 U	0.00014 U	0.0027	ABANDONED	0.0064
	9/26-28/22	0.00011 U	0.00011 U	0.031	0.042	0.00011 U	0.0013 J	0.00011 U	0.00011 U	0.00012 U	0.00011 U	0.00010 U	0.00010 U	ABANDONED	0.00011 U
Phenanthrene 0.011	11/7/07	--	--	--	--	--	--	0.001 U	--	--	--	--	--	--	--
	10/29/08	--	--	0.001 UJ	--	--	--	--	--	--	--	--	--	--	--
	9/16/09	--	--	--	--	--	--	--	0.0009 U	--	--	--	--	--	--
	10/6/10	--	--	--	--	--	--	0.001 U	--	--	--	--	--	--	--
	9/29/11	--	--	--	--	--	--	--	0.00009 U	--	--	--	--	--	--
	9/27/12	--	--	--	--	--	0.00009 U	--	--	--	--	--	--	--	--
	9/26/13	--	--	0.0001 U	--	--	--	--	--	--	--	--	--	--	--
	9/25/14	--	--	--	0.0009	--	--	--	--	--	--	--	--	--	--
	3/24-26/15	--	--	--	0.001	--	--	--	--	--	--	0.0001 J	--	--	--
	9/22-24/15	0.0001 U	0.0001 U	0.00009 U	0.0008	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.00009 U	0.00009 U	0.00009 U	0.0001 U	--
	3/22-24/16	0.00009 U	0.00009 U	0.0001 UJ	0.0008 J	0.00009 U	0.0001 U	0.00009 U	0.00009 U	0.00009 U	0.0001 U	0.0001 J	0.00009 U	0.00009 U	--
	9/27-29/16	0.00009 U	0.0001 U	0.0001 U	0.0009	0.00009 U	0.0001 U	0.00009 U	0.0001 U	0.00009 U	0.00009 U	0.00009 U	0.00009 U	0.00009 UJ	--
	3/28-30/17	0.00009 U	0.00009 U	0.0001 U	0.001	0.00009 U	0.0001 U	0.00009 U	0.00009 U	0.0002 J	0.0001 U	0.0001 J	0.0001 U	0.0001 U	--
	9/26-28/17	0.00009 U	0.00009 U	0.00009 U	0.001	0.00009 U	0.0001 U	0.00009 U	0.00009 U	0.00009 U	0.00009 U	0.00009 U	0.00009 U	0.00009 U	--
	3/20-22/18	0.00009 U	0.00009 U	0.00009 U	0.001	0.0001 U	0.0001 U	0.00009 U	0.00009 U	0.0001 U	0.0001 U	0.0001 J	0.00009 U	0.0001 U	--
	9/25-27/18	0.0001 U	0.0001 U	0.0001 U	0.001	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	--
	3/19-21/19	0.0001 U	0.0001 U	0.00009 U	0.0009	0.0001 U	0.00009 U	0.0001 U	0.00009 U	0.0001 U	0.0001 U	0.0001 U	0.00009 U	0.0001 U	--
	9/10-12/19	0.00009 U	0.00009 U	0.0001 U	0.001	0.0001 UJ	0.0001 UJ	0.0001 U	0.0001 U	0.00009 U	0.00009 U	0.00009 U	0.00009 U	0.0001 U	--
	6/9-11/20	0.00010 U	0.00010 U	0.00011 U	0.00010 U	0.00010 U	0.00010 U	0.00010 U	0.00010 U	0.00010 U	0.00010 U	0.00010 U	0.00010 U	0.00010 U	--
	11/2-5/20	0.00010 U	0.00010 U	0.00010 U	0.00011 U	0.00011 U	0.00010 U	0.00010 U	0.00011 U	0.00010 U	0.00010 U	0.00010 U	0.00011 U	0.00010 U	--
	3/23-25/21	0.000012 U	0.00012 U	0.00011 U	0.00074	0.00011 U	0.00012 U	0.00012 U	0.00011 U	0.00012 U	0.00012 U	0.00013 U	0.00012 U	0.00012 U	--
	9/21-23/21	0.00012 U	0.00011 U	0.00012 U	0.00065	0.00012 U	0.00011 U	0.00012 U	0.00012 U	0.00012 U	0.00012 U	0.00011 U	0.00011 U	ABANDONED	--
	3/22-24/22	0.00013 U	0.00012 U	0.00012 U	0.00062	0.00012 U	0.00012 U	0.00011 U	0.00012 U	0.00012 U	0.00011 U	0.00015 U	0.00012 U	ABANDONED	0.00012 U
	9/26-28/22	0.00012 U	0.00012 U	0.00012 U	0.00075	0.00012 U	0.00011 UJ	0.00012 U	0.00012 U	0.00013 U	0.00013 U	0.00012 U	0.00011 U	ABANDONED	0.00012 U
Phenol 4.475	11/24/97	BRL	BRL	0.19	0.15	BRL	BRL	BRL	BRL	BRL	BRL	0.05 U	BRL	BRL	--
	3/26/98	BRL	--	0.17	0.014	BRL	BRL	0.14	0.02 U	--	--	--	--	--	--

Table 4. Current and Historical Analytical Results

Union Carbide Corporation,
Woodbine, Camden County, Georgia



Constituent GWPS	Sample Dates	MW-1	MW-37	MW-6	MW-7	MW-8	MW-34	MW-38	MW-39	MW-17	MW-18	MW-20	MW-21	MW-23	MW-23A
		Upgradient	Upgradient	POC	POC	POC	POC	POC	POC	Todd Creek	Todd Creek	Todd Creek	Todd Creek	Todd Creek	Todd Creek
		Shallow	Deep	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Deep	Shallow	Deep	Shallow	Shallow
Phenol (continued) 4.475	5/28/98	BRL	--	0.10	0.012	BRL	BRL	0.11	BRL	--	--	--	--	--	--
	9/16/98	BRL	--	0.041	0.07	BRL	BRL	BRL	BRL	--	--	--	--	--	--
	11/19/98	BRL	BRL	0.05 U	0.16	BRL	BRL	0.043	BRL	BRL	BRL	BRL	BRL	BRL	--
	2/8/99	BRL	--	0.030	0.1	BRL	BRL	0.21	BRL	--	--	--	--	--	--
	5/11/99	BRL	--	0.062	0.073	BRL	BRL	0.31	BRL	--	--	--	--	--	--
	11/8-9/99	BRL	BRL	0.088	0.1 U	BRL	BRL	0.74	BRL	BRL	BRL	BRL	BRL	BRL	--
	4/18-19/00	BRL	BRL	0.16	0.095	BRL	BRL	0.26	BRL	BRL	BRL	BRL	BRL	BRL	--
	10/16/2000	BRL	BRL	0.20	0.19	BRL	BRL	0.014	BRL	BRL	BRL	BRL	BRL	BRL	--
	4/10/01	BRL	BRL	0.16	0.1	BRL	BRL	0.033	BRL	BRL	BRL	BRL	BRL	BRL	--
	11/7-8/01	BRL	BRL	0.086	0.02	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	--
	4/16-17/02	BRL	BRL	0.015	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	--
	10/30-31/02	0.00028 U	0.00028 U	0.0031 J	0.00028 U	0.00028 U	0.00028 U	0.0033 J	0.00028 U	0.00028 U	0.00028 U	0.00028 U	0.00028 U	0.00028 U	--
	4/21-24/03	0.001 U	0.001 U	0.001 U	0.0067 J	0.001 U	0.001 U	0.0017 J	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	--
	10/14-16/03	0.001 U	0.001 U	0.001 U	0.1 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	--
	4/20-21/04	0.0013 U	0.0013 U	0.0013 U	0.003 J	0.0013 U	0.0013 U	0.01	0.018	0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0013 U	--
	10/18-20/04	0.0013 U	0.0013 U	0.04 U	0.014	0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0013 U	--
	4/26-27/05	0.000132 U	0.000132 U	R	0.014 J	0.000132 U	0.000132 U	0.000132 U	0.00474 J	0.000132 U	0.000132 U	0.000132 U	0.000132 U	0.000132 U	--
	11/2-4/05	0.0186	0.000264 U	0.000132 UJ	0.00132 U	0.000132 U	0.000132 U	0.000132 U	0.00112 J	0.000132 U	0.000132 U	0.000132 U	0.000132 U	0.000132 U	--
	5/30-6/2/06	0.000132 UJ	0.000132 UJ	0.00489 J	0.0508	0.000132 U	0.000132 UJ	0.000132 U	0.000132 U	0.000132 UJ	0.000132 U	0.000132 UJ	0.000132 UJ	0.000132 UJ	--
	10/23-11/9/06	0.00255 UJ	0.0025 UJ	0.00807 J	0.0311 J	0.00255 U	0.0025 UJ	0.00255 U	0.0026 UJ	0.0025 UJ	0.00255 UJ	0.0025 UJ	0.0025 UJ	0.0025 UJ	--
	1/3-4/07	--	--	0.0125 U	0.124	--	--	0.00255 U	--	--	--	--	--	--	--
	03/5-8/07	0.0009 U	0.0009 U	0.0010 J	0.12	0.001 U	0.001 U	0.001 U	0.0009 U	0.001 U	0.001 U	0.002 J	0.001 U	0.001 U	--
	11/5-9/07	0.001 U	0.001 U	0.036 J	0.049 J	0.001 U	0.001 U	0.001 U	0.001 U	0.0009 U	0.001 U	0.008 J	0.001 U	0.001 U	--
	4/1-3/08	0.001 U	0.0009 U	0.053	0.077	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.012	0.0009 U	0.001 U	--
	10/27-30/08	0.0009 U	0.0009 U	0.062 J	0.044 J	0.001 U	0.001 U	0.001 U	0.002 U	0.0009 U	0.0009 U	0.013	0.001 U	0.001 U	--
	3/16-19/09	0.001 U	0.001 U	0.059 J	0.007	0.001 U	0.0009 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 UJ	0.001 U	0.002 UJ	--
	9/14-17/09	0.001 U	0.001 U	0.047	0.002 J	0.001 U	0.001 U	0.001 U	0.0009 U	0.001 U	0.001 U	0.016	0.001 U	0.002 U	--
	3/29-4/1/10	0.001 U	0.001 U	0.001 U	0.001 UJ	0.0009 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.004 J	0.001 U	0.002 UJ	--
	10/5-7/10	0.001 U	0.0009 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0009 U	0.001 U	0.001 U	0.001 U	0.0009 U	--
	3/22-24/11	0.001 U	0.001 U	0.001 U	0.001 UJ	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	--
	9/27-29/11	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.012	0.0005 U	0.0005 U	--
	3/20-22/12	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	--
	9/25-27/12	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.004	0.0005 U	0.0005 U	--
	3/25-28/13	0.0005 U	0.0005 U	0.0050	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.008	0.0005 U	0.0005 U	--
	9/24-26/13	0.0005 U	0.0005 U	0.0030	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.012	0.0005 U	0.0005 U	--
	3/25-27/14	0.0005 UJ	0.0005 UJ	0.0090 J	0.001	0.0005 U	0.0005 U	0.0005 U	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.008 J	0.0005 UJ	0.0005 UJ	--
	9/23-26/14	0.0005 UJ	0.0005 UJ	0.0040	0.0005 U	0.0005 U	0.0005 UJ	0.0005 U	0.0005 U	0.0005 UJ	0.0005 UJ	0.0005 U	0.0005 U	0.0005 UJ	--
	3/24-26/15	0.0005 U	0.0005 U	0.0005 U	0.0009 J	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.003	0.0005 U	0.0005 U	--
	9/22-24/15	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	--
	3/22-24/16	0.0005 U	0.0005 U	0.0005 UJ	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	--
	9/27-29/16	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 UJ	--
	3/28-30/17	0.0005 U	0.0005 U	0.0005 U	0.011	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.003	0.0005 U	0.0005 U	--
	9/26-28/17	0.0005 U	0.0005 U	0.0010	0.041	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	--
	3/20-22/18	0.0005 U	0.0005 U	0.013	0.029	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.011	0.0005 U	0.0005 U	--
	9/25-27/18	0.0005 U	0.0005 U	0.0005 U	0.081	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	--
	3/19-21/19	0.0005 U	0.0005 U	0.0005 U	0.062	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.001 J	0.0005 U	0.0005 U	--
	9/10-12/19	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	--
	6/9-11/20	0.00051 U	0.00052 U	0.00061 J	0.00050 U	0.00051 U	0.00051 U	0.00051 U	0.00051 U	0.00051 U	0.00051 U	0.00050 U	0.00050 U	0.00052 U	--
	11/2-5/20	0.00051 U	0.00050 U	0.00051 U	0.00053 U	0.00053 U	0.00052 U	0.00052 U	0.00054 U	0.00050 U	0.00050 U	0.00052 U	0.00053 U	0.00052 U	--

Table 4. Current and Historical Analytical Results
Union Carbide Corporation,
Woodbine, Camden County, Georgia



Constituent GWPS	Sample Dates	MW-1	MW-37	MW-6	MW-7	MW-8	MW-34	MW-38	MW-39	MW-17	MW-18	MW-20	MW-21	MW-23	MW-23A
		Upgradient	Upgradient	POC	POC	POC	POC	POC	POC	Todd Creek	Todd Creek	Todd Creek	Todd Creek	Todd Creek	Todd Creek
		Shallow	Deep	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Deep	Shallow	Deep	Shallow	Shallow
Phenol (continued) 4.475	3/23-25/21	0.00055 U	0.00056 U	0.00050 U	0.00054 U	0.00050 U	0.00053 U	0.00055 U	0.00051 U	0.00055 U	0.00056 U	0.00057 U	0.00055 U	0.00053 U	--
	9/21-23/21	0.00054 U	0.00052 U	0.00053 U	0.00053 U	0.00054 U	0.00050 U	0.00054 U	0.00054 U	0.00054 U	0.00053 U	0.00052 U	0.00051 UJ	ABANDONED	--
	3/22-24/22	0.00058 U	0.00053 U	0.00054 U	0.00056 U	0.00053 U	0.00053 U	0.00051 U	0.00055 U	0.00053 U	0.00051 U	0.00069 U	0.00056 U	ABANDONED	0.00057 U
	9/26-28/22	0.00056 U	0.00054 U	0.00053 U	0.00051 U	0.00056 U	0.00052 UJ	0.00054 U	0.00056 U	0.00058 U	0.00057 U	0.00052 U	0.00050 U	ABANDONED	0.00054 U
Pyridine 0.015	10/30-31/02	--	--	--	0.00093 U	0.00093 U	--	--	0.00093 U	--	--	--	--	--	--
	10/14-16/03	--	--	--	0.026 U	0.0026 U	--	--	0.0026 U	--	--	--	--	--	--
	10/18-20/04	0.0030 J	--	--	0.0011 U	0.0011 U	--	--	0.0011 U	--	--	--	--	--	--
	1/19/06	--	--	--	0.00843 J	0.00365 U	--	--	0.00365 U	--	--	--	--	--	--
	5/30-6/2/06	0.00365 U	0.00365 U	0.00365 UJ	0.00365 U	0.00365 U	0.00365 UJ	0.00365 U	0.00365 UJ	0.00365 U	0.00365 UJ	0.00365 U	0.00365 U	0.00365 U	--
	10/23-11/9/06	0.0255 UJ	0.025 UJ	0.0255 U	0.125 UJ	0.0255 U	0.025 UJ	--	0.026 UJ	0.025 UJ	0.0255 UJ	0.025 UJ	0.025 UJ	0.025 UJ	--
	1/3-4/07	--	--	0.05 U	0.0939	--	--	0.0102 U	--	--	--	--	--	--	--
	03/5-8/07	0.002 U	0.002 U	0.038	0.046 J	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	--
	11/5-9/07	0.002 U	0.002 U	0.040 J	0.053	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	--
	4/1-3/08	0.002 U	0.002 U	0.088	0.083	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.04 UJ	0.002 U	0.002 U	--
	10/27-30/08	0.002 U	0.002 U	0.002 UJ	0.086 J	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.04 U	0.002 U	0.002 U	--
	3/16-19/09	0.002 U	0.002 U	0.004 U	0.016	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.004 UJ	--
	9/14-17/09	0.002 U	0.002 U	0.0050 J	0.028	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.004 U	--
	3/29-4/1/10	0.002 U	0.003 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.004 U	--
	10/5-7/10	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	--
	3/22-24/11	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	--
	9/27-29/11	0.002 U	0.002 U	0.002 U	0.005	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.006	--
	3/20-22/12	0.002 U	0.002 U	0.0050	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	--
	9/25-27/12	0.002 U	0.002 U	0.0040 J	0.013	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	--
	3/25-28/13	0.002 U	0.002 U	0.0040 J	0.029	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	--
	9/24-26/13	0.002 U	0.002 U	0.002 U	0.041	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	--
	3/25-27/14	0.002 UJ	0.002 UJ	0.002 UJ	0.012	0.002 U	0.002 U	0.002 U	0.002 UJ	0.002 UJ	0.002 UJ	0.002 UJ	0.002 UJ	0.002 UJ	--
	9/23-26/14	0.002 U	0.002 U	0.002 U	0.007	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	--
	3/24-26/15	0.002 U	0.002 U	0.002 U	0.003 J	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	--
	9/22-24/15	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	--
	3/22-24/16	0.002 U	0.002 U	0.002 UJ	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	--
	9/27-29/16	0.002 U	0.002 U	0.0050	0.005 J	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 UJ	--
	3/28-30/17	0.002 U	0.002 U	0.0050	0.01	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	--
	9/26-28/17	0.002 U	0.002 U	0.014	0.015	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	--
	3/20-22/18	0.002 U	0.002 U	0.015	0.038	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	--
	9/25-27/18	0.002 U	0.002 U	0.0080	0.038	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	--
	3/19-21/19	0.002 U	0.002 U	0.002 U	0.027	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	--
	9/10-12/19	0.002 U	0.002 U	0.002 U	0.019	0.002 UJ	0.002 UJ	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	--
	6/9-11/20	0.0021 U	0.0021 U	0.0071	0.017	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0021 U	--
	11/2-5/20	0.0020 U	0.0020 U	0.0084	0.023	0.0021 U	0.0021 U	0.0021 U	0.0022 U	0.0020 U	0.0020 U	0.0021 U	0.0021 U	0.0021 U	--
	3/23-25/21	0.00022 U	0.0022 U	0.0036 J	0.04	0.0020 U	0.0021 U	0.0022 U	0.0020 U	0.0022 R	0.0022 R	0.0023 R	0.0022 R	0.0021 U	--
	9/21-23/21	0.0022 U	0.0021 U	0.0062	0.01	0.0022 U	0.0020 U	0.0022 U	0.0022 U	0.0021 U	0.0021 U	0.0021 U	0.0020 UJ	ABANDONED	--
	3/22-24/22	0.0023 U	0.0021 U	0.0081	0.0049 J	0.0021 U	0.0021 U	0.0020 U	0.0022 U	0.0021 U	0.0020 U	0.0028 U	0.0022 U	ABANDONED	0.0023 U
	9/26-28/22	0.0022 U	0.0022 U	0.0053	0.0020 U	0.0022 U	0.0021 UJ	0.0022 U	0.0022 U	0.0023 U	0.0023 U	0.0021 U	0.0020 U	ABANDONED	0.0022 U
Formaldehyde 0.0020	10/30-31/02	--	--	--	0.020 J	0.035 J	--	--	0.0093 J	--	--	--	--	--	--
	10/14-16/03	--	--	--	0.0035 U	0.0035 U	--	--	0.0035 U	--	--	--	--	--	--
	10/18-20/04	--	--	--	1.12	0.17	--	--	2.6	--	--	--	--	--	--
	11/3/05	--	--	--	0.0321 J	0.00532 UJ	--	--	0.00833 J	--	--	--	--	--	--
	1/19/06	--	--	--	0.00793 J	--	--	--	0.00632 J	--	--	--	--	--	--
	10/23-11/9/06	0.025 U	0.025 U	0.038 J	0.294	0.0431 J	0.0473 J	0.0754 J	0.0987	0.0906 J	0.0449 J	0.0303 J	0.0975 J	0.048 J	--
	3/5-8/07	0.01 UJ	0.01 UJ	0.064 J	0.12 J	0.074 J	0.079 J	0.097 J	0.076 J	0.08 J	0.048 J	0.012 J	0.11 J	0.05 J	--
	11/5-9/07	0.019 J	0.012 J	0.240	0.11 J	0.078	0.051 J	0.11	0.098	0.068	0.06	0.058 J	0.12	0.058	--

Table 4. Current and Historical Analytical Results
Union Carbide Corporation,
Woodbine, Camden County, Georgia



Constituent GWPS	Sample Dates	MW-1	MW-37	MW-6	MW-7	MW-8	MW-34	MW-38	MW-39	MW-17	MW-18	MW-20	MW-21	MW-23	MW-23A
		Upgradient	Upgradient	POC	POC	POC	POC	POC	POC	Todd Creek	Todd Creek	Todd Creek	Todd Creek	Todd Creek	Todd Creek
		Shallow	Deep	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Deep	Shallow	Deep	Shallow	Shallow
Formaldehyde (continued) 0.0020	4/1-3/08	0.01 U	0.01 U	0.047 J	0.088	0.069	0.062	0.022 J	0.089	0.023 J	0.028 J	0.031 J	0.052	0.039 J	--
	10/27-30/08	0.01 U	0.01 U	0.035 J	0.073	0.058	0.048 J	0.034 J	0.065	0.055	0.028 J	0.032 J	0.063	0.073	--
	3/16-19/09	0.01 U	0.01 U	0.026 J	0.078	0.047 J	0.032 J	0.051	0.026 J	0.036 J	0.028 J	0.022 J	0.039 J	0.053	--
	9/14-17/09	0.018 J	0.011 J	0.062	0.06 J	0.068	0.074	0.068	0.079	0.083	0.067	0.022 J	0.06	0.046 J	--
	3/29-4/1/10	0.025 J	0.1 UJ	0.046 J	0.18 J	0.12 J	0.14 J	0.086 J	0.071 J	0.16 J	0.083 J	0.061 J	0.13 J	0.026 J	--
	10/5-7/10	0.027 J	0.027 J	0.077 J	0.31	0.15	0.13 J	0.18 J	0.19 J	0.2	0.13	0.087	0.18	0.13	--
	3/22-24/11	0.01 U	0.01 U	0.044 J	0.12	0.053	0.037 J	0.033 J	0.10	0.032 J	0.042 J	0.029 J	0.068	0.022 J	--
	9/27-29/11	0.01 U	0.01 U	0.044 J	0.051 U	0.060	0.055	0.061	0.071	0.083	0.051	0.039 J	0.094	0.017 U	--
	3/20-22/12	0.012 J	0.01 U	0.10	0.080	0.05 J	0.075	0.023 J	0.046 J	0.018 J	0.015 J	0.01 U	0.027 J	0.01 U	--
	9/25-27/12	0.012 J	0.01 U	0.090	0.065	0.073	0.05 U	0.025 J	0.038 J	0.1	0.049 J	0.028 J	0.1	0.032 J	--
	3/25-28/13	0.03 U	0.03 U	0.03 U	0.14	0.059	0.091	0.043 J	0.03 U	0.061	0.073	0.061 J	0.084	0.047 J	--
	9/24-26/13	0.024 U	0.021 U	0.088 U	0.074 U	0.056 U	0.13 U	0.12	0.05 U	0.085 U	0.053 U	0.06 U	0.11	0.039 U	--
	3/25-27/14	0.01 U	0.01 U	0.034 J	0.16	0.025 J	0.029 J	0.047 J	0.023 J	0.015 J	0.018 J	0.018 J	0.037 J	0.014 J	--
	9/23-26/14	0.014 J	0.014 J	0.049 J	0.099	0.13	0.11	0.14	0.039 J	0.057	0.034 J	0.054	0.21	0.028 J	--
	3/24-26/15	0.01 U	0.01 U	0.10	0.14	0.073	0.021 J	0.038 J	0.075	0.014 J	0.033 J	0.03 J	0.042 J	0.016 J	--
	9/22-24/15	0.011 J	0.016 J	0.05 U	0.13	0.054 U	0.090	0.05 U	0.05 U	0.027 J	0.035 J	0.078	0.096	0.022 J	--
	3/22-24/16	0.01 U	0.01 J	0.073	0.067	0.073	0.052 J	0.02 J	0.047 J	0.016 J	0.028 J	0.026 J	0.033 J	0.016 J	--
	9/27-29/16	0.042 J	0.039 J	0.057 J	0.11 J	0.067	0.084	0.039 J	0.076	0.055	0.052	0.088	0.38 J	0.041 J	--
	3/28-30/17	0.05 U	0.01 U	0.05 UJ	0.48	0.083 J	0.05 U	0.05 U	0.05 UJ	0.01 U	0.01 U	0.01 U	0.071	0.01 U	--
	9/26-28/17	0.012 J	0.016 J	0.077	0.19	0.06	0.093	0.011 J	0.076	0.035 J	0.03 J	0.097	0.11	0.026 J	--
	3/20-22/18	0.012 J	0.028 J	0.081	0.16	0.088	0.068	0.055	0.071	0.049 J	0.067	0.11 J	0.095	0.05 J	--
	9/25-27/18	0.028 J	0.034 J	0.048 J	0.25	0.19 J	0.30 J	0.041 J	0.092	0.036 J	0.063	0.03 J	0.056	0.02 U	--
	3/19-21/19	0.02 U	0.03 J	0.098	0.33 J	0.086	0.098	0.050	0.088	0.02 U	0.056	0.06	0.055	0.051	--
	9/10-12/19	0.023 J	0.03 U	0.06	0.083	0.12	0.048 J	0.03 J	0.025 J	0.033 J	0.032 J	0.068	0.063	0.058	--
	6/9-11/20	0.024 J	0.034 J	0.041 J	0.110 J	0.034 J	0.034 J	0.020 UJ	0.025 J	0.020 UJ	0.020 UJ	0.034 J	0.028 J	0.029 J	--
	11/2-5/20	0.02 U	0.02 U	0.02 U	0.096 J	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.031 J	0.02 U	0.022 J	--
	3/23-25/21	0.027 U	0.027 UJ	0.14	2.1 D	0.027 U	0.027 U	0.027 U	0.027 U	0.027 U	0.027 U	0.054 U	0.027 U	0.027 U	--
	9/21-23/21	0.027 U	0.027 U	0.027 U	0.088 J	0.13	0.079	0.027 U	0.044 J	0.034 J	0.042 J	0.085 J	0.054 J	ABANDONED	--
	3/22-24/22	0.027 U	0.027 U	0.056 J	0.27 U	0.053 J	0.083	0.031 J	0.27 U	0.045 J	0.052 J	0.15	0.12	ABANDONED	0.08
	9/26-28/22	0.027 U	0.057 J	0.27 U	0.10 J	0.095	0.200	0.190	0.11 U	0.073	0.170 J	0.400	0.240	ABANDONED	0.160 J
Aldicarb 0.015	11/24/97	BRL	BRL	0.005 U *F65	0.005 U *F65	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	--
	3/26/98	BRL	--	BRL	0.005 U	BRL	BRL	BRL	BRL	--	--	--	--	--	--
	5/28/98	BRL	--	0.005 U	0.005 U	BRL	BRL	BRL	BRL	--	--	--	--	--	--
	9/16/98	BRL	--	BRL	BRL	BRL	BRL	BRL	BRL	--	--	--	--	--	--
	11/19/98	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	--
	2/8/99	BRL	--	BRL	0.005 U	BRL	BRL	BRL	BRL	--	--	--	--	--	--
	5/11/99	BRL	--	BRL	0.005 U	BRL	BRL	BRL	BRL	--	--	--	--	--	--
	11/8-9/99	BRL	BRL	BRL	0.005 U	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	--
	4/18-19/00	BRL	BRL	BRL	0.0025 U	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	--
	10/16/2000	BRL	BRL	BRL	0.0025 U	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	--
	4/10/01	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	--
	11/7-8/01	BRL	0.005 U	BRL	0.0025 U	BRL	BRL	BRL	BRL	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	--
	4/16-17/02	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	--
	10/30-31/02	0.00015 U	0.00015 U	0.00015 U	0.00015 U	0.00015 U	0.00015 U	0.00015 U	0.00015 U	0.00015 U	0.00015 U	0.00015 U	0.00015 U	0.00015 U	--
	4/21-24/03	0.00015 U	0.00015 U	0.00015 U	0.00015 U	0.00015 U	0.00015 U	0.00015 U	0.00015 U	0.00015 U	0.00015 U	0.00015 U	0.00015 U	0.00015 U	--
	10/14-16/03	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	--
	4/20-21/04	0.0005 U	BRL	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	BRL	BRL	BRL	BRL	BRL	--
	10/18-20/04	0.001 U	0.001 U	0.002 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	--
	4/26-27/05	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	--
	11/2-4/05	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	--

Table 4. Current and Historical Analytical Results

Union Carbide Corporation,
Woodbine, Camden County, Georgia



Constituent GWPS	Sample Dates	MW-1	MW-37	MW-6	MW-7	MW-8	MW-34	MW-38	MW-39	MW-17	MW-18	MW-20	MW-21	MW-23	MW-23A
		Upgradient	Upgradient	POC	POC	POC	POC	POC	POC	Todd Creek	Todd Creek	Todd Creek	Todd Creek	Todd Creek	Todd Creek
		Shallow	Deep	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Deep	Shallow	Deep	Shallow	Shallow
Aldicarb (continued) 0.015	5/30-6/2/06	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	--
	10/23-11/9/06	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	--	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	--
	1/3-4/07	--	--	--	--	--	--	--	0.002 UJ	--	--	--	--	--	--
	3/5-8/07	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	--
	11/5-9/07	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	--
	4/1-3/08	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	--
	10/27-30/08	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	--
	3/16-19/09	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	--
	9/14-17/09	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	--
	3/29-4/1/10	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	--
	10/5-7/10	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	--
	3/22-24/11	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0019 U	0.001 U	0.001 U	--
	9/27-29/11	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	--
	3/20-22/12	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	--
	9/25-27/12	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	--
	3/25-28/13	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	--
	9/24-26/13	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	--
	3/25-27/14	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	--
	9/23-26/14	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	--
	3/24-26/15	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	--
	9/22-24/15	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	--
	3/22-24/16	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	--
	9/27-29/16	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	--
	3/28-30/17	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	--
	9/26-28/17	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	--
	3/20-22/18	0.00054 U	0.00054 U	0.00054 U	0.00054 U	0.00054 U	0.00054 U	0.00054 U	0.00054 U	0.00054 U	0.00054 U	0.00054 U	0.00054 U	0.00054 U	--
	9/25-27/18	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	--
	3/19-21/19	0.001 U	0.001 U	0.001 R	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	--
	9/10-12/19	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	--
	6/9-11/20	0.0010 U	0.0010 U	0.0013 J	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U	--
	11/2-5/20	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U	--
	3/23-25/21	0.0010 U	0.0010 UJ	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U	--
	9/21-23/21	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U	ABANDONED	--
	3/22-24/22	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	ABANDONED	0.0012 U
	9/26-28/22	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	ABANDONED	0.0012 U
Barium 1.0	11/24/97	0.015	0.035	0.013	0.017	0.010	0.036	0.029	0.016	0.019	0.03	0.017	0.023	0.051	--
	3/26/98	0.017	--	0.017	BRL	BRL	0.036	0.035	0.011	--	--	--	--	--	--
	5/28/98	0.016	--	0.011	BRL	BRL	0.036	0.020	BRL	--	--	--	--	--	--
	9/16/98	0.015	--	BRL	0.013	BRL	0.035	0.018	0.019	--	--	--	--	--	--
	11/19/98	0.017	0.043	0.011	0.020	BRL	0.037	0.025	0.026	0.029	0.037	0.025	0.028	0.035	--
	2/8/99	0.018	--	0.011	0.013	BRL	0.037	0.031	0.015	--	--	--	--	--	--
	5/11/99	0.018	--	0.018	0.018	BRL	0.037	0.056	0.014	--	--	--	--	--	--
	11/8-9/99	0.016	0.041	0.010	0.020	BRL	0.037	0.079	BRL	0.023	0.035	0.024	0.026	0.033	--
	4/18-19/00	0.015	0.038	0.013	0.012	BRL	0.035	0.08	0.035	0.024	0.035	0.011	0.025	0.093	--
	10/16/00	0.019	0.041	0.021	0.017	BRL	0.035	0.073	0.010	0.031	0.037	0.026	0.026	0.059	--
	4/10/01	0.018	0.034	0.013	0.019	0.010	0.032	0.073	BRL	0.04	0.033	0.018	0.021	0.082	--
	11/7-8/01	0.017	0.036	0.014	0.014	BRL	0.031	0.120	0.012	0.033	0.03	0.028	0.023	0.039	--
	4/16-17/02	0.016	0.029	0.025	0.022	BRL	0.033	0.080	0.012	0.029	0.033	0.015	0.02	0.051	--
	10/30-31/02	0.011	0.026	0.015	0.015	0.0092 J	0.029	0.055	0.012	0.033	0.034	0.023	0.023	0.03	--
	4/21-24/03	0.0099 J	0.029	0.017	0.023	0.011	0.034	0.056	0.011	0.033	0.039	0.033	0.022	0.039	--
	10/14-16/03	0.0081 J	0.027	0.015	0.026	0.0099 J	0.037	0.050	0.012	0.025	0.039	0.014	0.022	0.026	--

Table 4. Current and Historical Analytical Results

Union Carbide Corporation,
Woodbine, Camden County, Georgia



Constituent GWPS	Sample Dates	MW-1	MW-37	MW-6	MW-7	MW-8	MW-34	MW-38	MW-39	MW-17	MW-18	MW-20	MW-21	MW-23	MW-23A
		Upgradient	Upgradient	POC	POC	POC	POC	POC	POC	Todd Creek	Todd Creek	Todd Creek	Todd Creek	Todd Creek	Todd Creek
		Shallow	Deep	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Deep	Shallow	Deep	Shallow	Shallow
Barium (continued) 1.0	4/20-21/04	0.00574 J	0.0313	0.0118	0.0151	0.00964 J	0.0375	0.0589	0.0143	0.0279	0.0366	0.0124	0.02	0.0291	--
	10/18-20/04	0.00501 J	0.0261	0.0147	0.0142	0.00923	0.0306	0.0646	0.0133	0.0279	0.037	0.0236	0.019	0.0238	--
	4/26-27/05	0.0046 J	0.024	0.013	0.031	0.0068 J	0.033	0.031	0.0130	0.022	0.039	0.0088 J	0.019	0.036	--
	11/2-4/05	0.0063 J	0.022	0.016	0.019	0.010	0.037	0.030	0.0095 J	0.025	0.044	0.02	0.02	0.016	--
	5/30-6/2/06	0.0036 J	0.021	0.0075 J	0.027	0.017	0.029 J	0.025	0.0070 J	0.025	0.032	0.014	0.019	0.02	--
	10/23-11/9/06	0.00884 U	0.0231 J	0.00743 J	0.0175	0.0135	0.0341 J	0.024	0.0102	0.0234	0.0361	0.0141	0.0212	0.021	--
	3/5-8/07	0.0034 J	0.0178	0.013	0.024	0.0218	0.0313	0.0427	0.0094	0.0195	0.0356	0.0142	0.0233	0.0205	--
	11/5-9/07	0.0042 J	0.0171	0.0089 U	0.0142	0.0184	0.0324	0.042	0.0036 U	0.0186	0.0367	0.021	0.0197	0.0358	--
	4/1-3/08	0.0044 U	0.0185 U	0.0123	0.0194 U	0.019 U	0.0315 U	0.048	0.0037 U	0.0217	0.0368	0.0182	0.0207	0.0529	--
	10/27-30/08	0.0044 J	0.0158	0.0158	0.0135	0.0157	0.0311	0.0418	0.0048 J	0.0223	0.0359	0.0117	0.0203	0.0489	--
	3/16-19/09	0.0036 J	0.0171	0.0138 U	0.0078	0.0190	0.0297 U	0.0712	0.0065	0.024	0.0374	0.01	0.0215	0.0596	--
	9/14-17/09	0.0042 J	0.016	0.0106	0.010	0.0179	0.0295	0.0458	0.0039 J	0.0211	0.0372	0.0119	0.0223	0.0517	--
	3/29-4/1/10	0.0037 J	0.0168	0.0056	0.0125	0.0159	0.0301	0.0276	0.0051	0.0322	0.0388	0.0075	0.0194	0.0474	--
	10/5-7/10	0.0038 J	0.0159	0.0204	0.0095	0.0129	0.0276	0.0188	0.0056	0.0323	0.0356	0.0105	0.0226	0.0379	--
	3/22-24/11	0.0040 J	0.0149	0.0077	0.0111	0.0205	0.0268	0.0443	0.0055	0.0305	0.0367	0.0116	0.0241	0.0432	--
	9/27-29/11	0.0045 J	0.015	0.0069	0.012	0.0270	0.0270	0.0370	0.0051	0.0333	0.0437	0.0105	0.0236	0.0441	--
	3/20-22/12	0.0049 J	0.014	0.0054	0.0124	0.0282	0.0263	0.0583	0.0047 U	0.0383	0.0375	0.0074	0.0266	0.05	--
	9/25-27/12	0.0051	0.013	0.013	0.0096	0.0517	0.0250	0.0357	0.0042 J	0.0363	0.0384	0.0144	0.0216	0.0567	--
	3/25-28/13	0.0065	0.0142	0.0155	0.0111	0.0158	0.0279	0.0394	0.0047 J	0.027	0.0416	0.0118	0.0221	0.0523	--
	9/24-26/13	0.0055	0.0123	0.0135	0.0108	0.0214	0.0262	0.0415	0.0070	0.0373	0.0398	0.0093	0.0249	0.0416	--
	3/25-27/14	0.0050	0.014	0.0178	0.0149 J	0.0175	0.0248	0.0346	0.0072	0.0343	0.035	0.0086	0.0245	0.0392	--
	9/23-26/14	0.0047 J	0.0148	0.0238	0.0078	0.0173	0.0248	0.0313	0.0076	0.0315	0.0358	0.0068	0.027	0.0324	--
	3/24-26/15	0.005 U	0.0203	0.013	0.011	0.0136	0.0235	0.0319	0.0063	0.0229	0.0353	0.0093	0.0238	0.0265	--
	9/22-24/15	0.0035 J	0.0188	0.0106	0.0085	0.0135	0.0229	0.0222	0.0052	0.0228	0.0329	0.0101	0.0238	0.0274	--
	3/22-24/16	0.0040 J	0.0176	0.0164	0.0111	0.0179	0.0229	0.0210	0.0089	0.0171	0.0372	0.0086	0.0251	0.0286	--
	9/27-29/16	0.0035 J	0.0132	0.0116	0.0112	0.0177	0.0240	0.0175	0.0095	0.0177	0.0357	0.0263	0.0106	0.0201	--
	3/28-30/17	0.0037 J	0.0156	0.009	0.0101	0.0215	0.0245	0.0166	0.0071	0.0159	0.038	0.0128	0.025	0.0211	--
	9/26-28/17	0.0039 J	0.0129	0.0116	0.0114	0.0174	0.0249	0.0072 U	0.0096	0.0278	0.0409	0.0346	0.0243	0.0188	--
	3/20-22/18	0.005 U	0.0154	0.0102	0.0084	0.0189	0.0249	0.0116	0.0146	0.0269	0.0411	0.0119	0.0256	0.0233	--
	9/25-27/18	0.005 UB	0.0165	0.0072	0.0136	0.0137	0.0277	0.0064	0.0104	0.0194	0.0343	0.0109	0.025	0.0378	--
	3/19-21/19	0.0042 J	0.0171	0.0114	0.0083	0.0187	0.0260	0.0094	0.0094	0.0226	0.0339	0.0094	0.0243	0.0281	--
	9/10-12/19	0.002 J	0.0207	0.0143	0.0039 J	0.0177	0.0249	0.0103	0.0063	0.0135	0.0377	0.0139	0.0245	0.0274	--
	6/9-11/20	0.0061	0.030	0.012	0.0079	0.014	0.027	0.012	0.012	0.018	0.039	0.019	0.026	0.064	--
	11/2-5/20	0.0062	0.027	0.012	0.0069	0.013	0.025	0.021	0.011	0.020	0.040	0.021	0.026	0.054	--
	3/23-25/21	0.0047 J	0.028	0.011	0.0074	0.018	0.026	0.022	0.016	0.022	0.036	0.023	0.027	0.038	--
	9/21-23/21	0.0036 J	0.025	0.0083	0.0064	0.018	0.024	0.028	0.016	0.023	0.042	0.025	0.029	ABANDONED	--
	3/22-24/22	0.0043 J	0.035	0.011	0.0058	0.017	0.026	0.026	0.014	0.016	0.037	0.025	0.028	ABANDONED	0.025
	9/26-28/22	0.0040 J	0.031	0.0087	0.0056	0.011	0.027	0.026	0.014	0.031	0.040	0.026	0.026	ABANDONED	0.024
Chromium 0.05	11/24/97	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	0.1	BRL	BRL	BRL	BRL	--
	3/26/98	BRL	--	BRL	BRL	BRL	BRL	BRL	BRL	--	--	--	--	--	--
	5/28/98	BRL	--	BRL	BRL	BRL	BRL	BRL	BRL	--	--	--	--	--	--
	9/16/98	BRL	--	BRL	BRL	BRL	BRL	BRL	BRL	--	--	--	--	--	--
	11/19/98	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	--
	2/8/99	BRL	--	BRL	BRL	BRL	BRL	BRL	BRL	--	--	--	--	--	--
	5/11/99	BRL	--	BRL	BRL	BRL	BRL	BRL	BRL	--	--	--	--	--	--
	11/8-9/99	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	--
	4/18-19/00	BRL	BRL	BRL	BRL	BRL	BRL	BRL	0.014	BRL	BRL	BRL	BRL	BRL	--
	10/16/2000	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	--
	4/10/01	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	--
	11/7-8/01	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	--
	4/16-17/02	BRL	0.34	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	--

Table 4. Current and Historical Analytical Results
Union Carbide Corporation,
Woodbine, Camden County, Georgia



Constituent GWPS	Sample Dates	MW-1	MW-37	MW-6	MW-7	MW-8	MW-34	MW-38	MW-39	MW-17	MW-18	MW-20	MW-21	MW-23	MW-23A
		Upgradient	Upgradient	POC	POC	POC	POC	POC	POC	Todd Creek	Todd Creek	Todd Creek	Todd Creek	Todd Creek	Todd Creek
		Shallow	Deep	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Deep	Shallow	Deep	Shallow	Shallow
Chromium (continued) 0.05	10/30-31/02	0.0017 U	0.0017 U	0.0023 J	0.0017 U	0.0017 U	0.0017 U	0.0026 J	0.0017 U	0.0017 U	0.0017 U	0.0017 U	0.0017 U	0.0017 U	--
	4/21-24/03	0.0011 U	0.0011 U	0.0021 J	0.0011 U	0.0014 J	0.0023 J	0.0075 J	0.0011 U	0.0011 U	0.0011 U	0.0011 J	0.0014 J	0.0011 U	--
	10/14-16/03	0.0011 U	0.0011 U	0.0016 J	0.0011 U	0.0017 J	0.0017 J	0.0043 J	0.0011 U	0.0012 J	0.0011 U	0.002 J	0.0014 J	0.0011 U	--
	4/20-21/04	0.0039 U	0.0039 U	0.0039 U	0.0039 U	0.0039 U	0.0039 U	0.0039 U	0.0039 U	0.0039 U	0.0039 U	0.0039 U	0.0039 U	0.0039 U	--
	10/18-20/04	0.0039 U	0.0039 U	0.0039 U	0.0039 U	0.0039 U	0.0039 U	0.0039 U	0.0039 U	0.0039 U	0.0039 U	0.0039 U	0.0039 U	0.0039 U	--
	4/26-27/05	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0051 J	0.017	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	--
	11/2-4/05	0.00082 J	0.0005 U	0.0018 J	0.0023 J	0.0017 J	0.0029 J	0.0048 J	0.0014 J	0.0005 UJ	0.0011 J	0.0014 J	0.0012 J	0.00068 J	--
	5/30-6/2/06	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0016 J	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	--
	10/23-11/9/06	0.00323 U	0.00281 U	0.00688	0.0025 U	0.0025 U	0.00372 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	--
	3/5-8/07	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0028 J	0.0023 U	--
	11/5-9/07	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U	--
	4/1-3/08	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U	--
	10/27-30/08	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	--
	3/16-19/09	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	--
	9/14-17/09	0.0034 U	0.0034 U	0.0034 U	0.0034 U	0.0034 U	0.0034 U	0.0034 U	0.0034 U	0.0034 U	0.0034 U	0.0034 U	0.0034 U	0.0034 U	--
	3/29-4/1/10	0.0034 U	0.0034 U	0.0034 U	0.0034 U	0.0034 U	0.0034 U	0.0034 U	0.0034 U	0.0034 U	0.0034 U	0.0034 U	0.0034 U	0.0034 U	--
	10/5-7/10	0.0034 U	0.0034 U	0.0034 U	0.0034 U	0.0034 U	0.0034 U	0.0034 U	0.0034 U	0.0034 U	0.0034 U	0.0034 U	0.0034 U	0.0034 U	--
	3/22-24/11	0.0034 U	0.0034 U	0.0034 U	0.0034 U	0.0034 U	0.0034 U	0.0034 U	0.0034 U	0.0034 U	0.0034 U	0.0034 U	0.0034 U	0.0034 U	--
	9/27-29/11	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0016 J	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0022 J	0.0011 U	--
	3/20-22/12	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0012 J	0.0011 U	--
	9/25-27/12	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	--
	3/25-28/13	0.0011 U	0.002 J	0.0016 J	0.0011 U	0.0011 U	0.0011 U	0.0018 J	0.0011 U	0.0021 J	0.0025 J	0.0011 U	0.0011 U	0.0011 U	--
	9/24-26/13	0.0016 U	0.0016 U	0.0016 U	0.0016 U	0.0018 J	0.0016 U	0.0016 U	0.0016 U	0.0016 U	0.0016 U	0.0016 U	0.0016 U	0.0016 U	--
	3/25-27/14	0.0016 U	0.0016 U	0.0016 U	0.0021 U	0.0018 U	0.0016 U	0.0016 U	0.0016 U	0.0016 U	0.0016 U	0.0016 U	0.0016 U	0.0016 U	--
	9/23-26/14	0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0017 J	0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0013 U	--
	3/24-26/15	0.0013 U	0.0013 U	0.0015 J	0.0013 U	0.0023 J	0.0013 U	0.015 U	0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0013 U	--
	9/22-24/15	0.0015 U	0.0015 U	0.0015 U	0.0015 U	0.0022 J	0.0015 J	0.0018 J	0.0015 U	0.0017 J	0.0015 U	0.0015 U	0.0015 U	0.0015 U	--
	3/22-24/16	0.002 U	0.002 U	0.002 U	0.002 U	0.0022 J	0.002 U	0.0037 J	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	--
	9/27-29/16	0.0018 U	0.0018 U	0.0018 U	0.0018 U	0.015 U	0.015 U	0.0018 U	0.0018 U	0.0018 U	0.0018 U	0.0018 U	0.0018 U	0.0018 U	--
	3/28-30/17	0.0018 U	0.0018 U	0.0018 U	0.0045 J	0.0027 J	0.0018 U	0.0018 U	0.0018 U	0.0018 U	0.0018 U	0.0018 U	0.0018 U	0.0018 U	--
	9/26-28/17	0.0033 U	0.0033 U	0.0033 U	0.0034 J	0.0033 U	0.0033 U	0.0033 U	0.0033 U	0.0033 U	0.0033 U	0.0033 U	0.0033 U	0.0033 U	--
	3/20-22/18	0.0033 U	0.0033 U	0.0033 U	0.0033 U	0.0033 U	0.0033 U	0.0033 U	0.0033 U	0.0033 U	0.0033 U	0.0033 U	0.0033 U	0.0033 U	--
	9/25-27/18	0.0053 U	0.0053 U	0.0053 U	0.0053 U	0.0053 U	0.0053 U	0.0053 U	0.0053 U	0.0053 U	0.0053 U	0.0053 U	0.0053 U	0.0053 U	--
	3/19-21/19	0.0071 J	0.0053 U	0.0053 U	0.0053 U	0.0053 U	0.0053 U	0.0053 U	0.0053 U	0.0053 U	0.0053 U	0.0053 U	0.0053 U	0.0053 U	--
	9/10-12/19	0.0016 U	0.0150 UB	0.0016 U	0.0032 J	0.0150 UB	0.0016 U	0.0016 U	0.0150 UB	0.0016 U	0.0016 U	0.0150 UB	0.0016 U	0.0016 U	--
	6/9-11/20	0.0016 U	0.0016 U	0.0016 U	0.0025 J	0.0022 J	0.0016 U	0.0017 J	0.0016 U	0.0016 U	0.0016 U	0.0016 U	0.0016 U	0.0016 U	--
	11/2-5/20	0.0016 U	0.0016 U	0.0026 J	0.0024 J	0.0020 J	0.0016 U	0.0016 J	0.0016 U	0.0016 U	0.0016 U	0.0016 U	0.0016 U	0.0016 U	--
	3/23-25/21	0.0016 U	0.0016 U	0.0016 U	0.0016 U	0.0041 J	0.0016 U	0.0022 J	0.0016 U	0.0023 J	0.0020 J	0.0022 J	0.0016 J	0.0016 U	--
	9/21-23/21	0.0016 U	0.0016 U	0.0025 J	0.0018 J	0.0016 U	0.0016 J	0.0022 J	0.0016 U	0.0016 U	0.0016 U	0.0016 U	0.0016 U	ABANDONED	--
	3/22-24/22	0.0030 U	0.0030 U	0.0030 U	0.0030 U	0.0030 U	0.0030 U	0.0036 J	0.0030 U	0.010 J	0.0030 U	0.0030 U	0.0030 U	ABANDONED	0.0030 U
	9/26-28/22	0.0030 U	0.0030 U	0.0030 U	0.0030 U	0.0030 U	0.0030 U	0.0030 U	0.0030 U	0.0089 J	0.0030 U	0.0030 U	0.0030 U	ABANDONED	0.0030 U
Nickel 0.10	10/26/06	--	--	--	0.00727 J	--	--	--	--	--	--	--	--	--	--
	3/7/07	--	--	--	0.0113	--	--	--	--	--	--	--	--	--	--
	11/5-9/07	0.0056 U	0.0056 U	0.0056 U	0.006 J	0.0056 U	0.0056 U	0.0056 U	0.0056 U	0.0056 U	0.0056 U	0.0056 U	0.0056 U	0.0056 U	--
	4/1-3/08	0.0056 U	0.0056 U	0.0056 U	0.0056 U	0.0056 U	0.0056 U	0.0056 U	0.0056 U	0.0056 U	0.0056 U	0.0056 U	0.0056 U	0.0056 U	--
	10/27-30/08	0.0056 U	0.0056 U	0.0056 U	0.0059 U	0.0056 U	0.0056 U	0.0056 U	0.0056 U	0.0056 U	0.0056 U	0.0056 U	0.0056 U	0.0056 U	--
	3/16-19/09	0.0056 U	0.0056 U	0.0061 J	0.0056 U	0.0056 U	0.0056 U	0.0056 U	0.0056 U	0.0056 U	0.0056 U	0.0056 U	0.0056 U	0.0056 U	--
	9/14-17/09	0.0018 U	0.0018 U	0.0021 J	0.0018 U	0.0018 U	0.0018 U	0.0018 U	0.0018 U	0.0018 U	0.0018 U	0.0018 U	0.0018 U	0.0018 U	--
	3/29-4/1/10	0.0018 U	0.0018 U	0.0018 U	0.0062 J	0.0018 U	0.0018 U	0.0018 U	0.0018 U	0.0018 U	0.0018 U	0.0018 U	0.0018 U	0.0018 U	--
	10/5-7/10	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	--

Table 4. Current and Historical Analytical Results
Union Carbide Corporation,
Woodbine, Camden County, Georgia



Constituent GWPS	Sample Dates	MW-1	MW-37	MW-6	MW-7	MW-8	MW-34	MW-38	MW-39	MW-17	MW-18	MW-20	MW-21	MW-23	MW-23A
		Upgradient	Upgradient	POC	POC	POC	POC	POC	POC	Todd Creek	Todd Creek	Todd Creek	Todd Creek	Todd Creek	Todd Creek
		Shallow	Deep	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Deep	Shallow	Deep	Shallow	Shallow
Nickel (continued) 0.10	3/22-24/11	0.003 U	0.003 U	0.0038 J	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.004 J	0.003 U	0.003 U	--
	9/27-29/11	0.00095 U	0.00095 U	0.0018 J	0.0013 U	0.00095 U	0.00095 U	0.00095 U	0.00098 J	0.00095 U	0.00095 U	0.0023 U	0.00095 U	0.00095 U	--
	3/20-22/12	0.00095 U	0.00095 U	0.0010 J	0.0014 J	0.00095 U	0.00095 U	0.00095 U	0.00095 U	0.00095 U	0.00095 U	0.0013 J	0.00095 U	0.00095 U	--
	9/25-27/12	0.0015 J	0.0011 U	0.0011 U	0.0012 J	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0019 J	0.0011 U	0.0011 U	--
	3/25-28/13	0.0011 U	0.0011 U	0.0014 J	0.0025 J	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0066 J	0.0011 U	0.0011 U	--
	9/24-26/13	0.0015 U	0.0015 U	0.0020 J	0.0036 J	0.0015 U	0.0015 U	0.0015 U	0.0015 U	0.0015 U	0.0015 U	0.0019 J	0.0015 U	0.0015 U	--
	3/25-27/14	0.0015 U	0.0015 U	0.0015 U	0.0015 U	0.0015 U	0.0015 U	0.0015 U	0.0015 U	0.0015 U	0.0015 U	0.0015 U	0.0015 U	0.0015 U	--
	9/23-26/14	0.0016 U	0.0016 U	0.0023 J	0.0016 U	0.0016 U	0.0016 U	0.0016 U	0.0016 U	0.0016 U	0.0016 U	0.0016 U	0.0016 U	0.0016 U	--
	3/24-26/15	0.0016 U	0.0016 U	0.0022 J	0.0018 J	0.0016 U	0.0016 U	0.0016 U	0.0016 U	0.0016 U	0.0016 U	0.0019 J	0.0016 U	0.0016 U	--
	9/22-24/15	0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0022 U	0.0013 U	0.002 U	0.0013 U	0.0029 U	--
	3/22-24/16	0.0025 U	0.0025 U	0.0027 J	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	--
	9/27-29/16	0.0028 U	0.0028 U	0.0040 J	0.0028 U	0.0028 U	0.0028 U	0.0028 U	0.0028 U	0.0028 U	0.0028 U	0.0028 U	0.0028 U	0.0028 U	--
	3/28-30/17	0.0028 U	0.0028 U	0.0038 J	0.0056 J	0.0028 U	0.0028 U	0.0028 U	0.0028 U	0.0028 U	0.0028 U	0.0028 U	0.0028 U	0.0028 U	--
	9/26-28/17	0.004 U	0.004 U	0.004 U	0.0065 J	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	--
	3/20-22/18	0.004 U	0.004 U	0.004 U	0.0057 J	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	--
	9/25-27/18	0.0031 U	0.0031 U	0.0031 U	0.0035 J	0.0031 U	0.0031 U	0.0031 U	0.0031 U	0.0031 U	0.0031 U	0.0031 U	0.0031 U	0.0031 U	--
	3/19-21/19	0.0139	0.0142	0.0031 U	0.0043 J	0.0031 U	0.0031 U	0.0031 U	0.0031 U	0.0031 U	0.0031 U	0.0031 U	0.0031 U	0.0088 J	--
	9/10-12/19	0.0031 U	0.0021 U	0.0023 J	0.0031 U	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.0031 U	--
	6/9-11/20	0.0021 U	0.0021 U	0.0044 J	0.0028 J	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.0021 U	--
	11/2-5/20	0.0021 U	0.0021 U	0.0042 J	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.0021 U	--
Zinc 4.674	3/23-25/21	0.0021 U	0.0021 U	0.0022 J	0.0026 J	0.0032 J	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.0021 U	--
	9/21-23/21	0.0021 U	0.0021 U	0.0021 U	0.0022 J	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.0025 J	0.0021 U	0.0021 U	0.0021 U	ABANDONED	--
	3/22-24/22	0.0021 U	0.0021 U	0.0032 J	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.0061 J	0.0021 U	0.0021 U	0.0021 U	ABANDONED	0.0021 U
	9/26-28/22	0.0021 U	0.0021 U	0.0024 J	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.0022 J	0.0053 J	0.0021 U	0.0021 U	0.0021 U	ABANDONED	0.0021 U
	11/24/97	BRL		BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	--
	3/26/98	BRL		BRL	BRL	BRL	BRL	BRL	BRL	--	--	--	--	--	--
	5/28/98	BRL		BRL	BRL	BRL	BRL	BRL	BRL	--	--	--	--	--	--
	9/16/98	BRL	--	BRL	BRL	BRL	0.038	BRL	BRL	--	--	--	--	--	--
	11/19/98	BRL		BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	--
	2/8/99	BRL		BRL	BRL	BRL	BRL	BRL	BRL	--	--	--	--	--	--
	5/11/99	BRL		BRL	BRL	BRL	BRL	BRL	BRL	--	--	--	--	--	--
	11/8-9/99	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	--
	4/18-19/00	BRL	BRL	BRL	BRL	BRL	BRL	BRL	0.021	BRL	BRL	BRL	BRL	BRL	--
	10/16/00	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	--
	4/10/01	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	--
	11/7-8/01	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	--
	4/16-17/02	BRL	0.61	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	--
	10/30-31/02	0.0059 U	0.0059 U	0.0059 U	0.0059 U	0.0059 U	0.011 J	0.0059 U	0.0059 U	0.0059 U	0.0059 U	0.0059 U	0.0059 U	0.0059 U	--
	4/21-24/03	0.0033 J	0.0026 J	0.0048 J	0.0033 J	0.0075 J	0.0041 J	0.0074 J	0.002 J	0.0013 J	0.0019 J	0.0015 J	0.003 J	0.0032 J	--
	10/14-16/03	0.0016 J	0.0013 U	0.0036 J	0.0028 J	0.0013 U	0.028	0.0013 U	0.0024 J	0.0013 U	0.0013 U	0.0016 J	0.0013 U	0.0031 J	--
	4/20-21/04	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	--
	10/18-20/04	0.00626 J	0.00363 J	0.00614 J	0.00493 J	0.00568 J	0.0505	0.00388 J	0.00864 J	0.00402 J	0.00431 J	0.00857 J	0.00702 J	0.00547 J	--
	4/26-27/05	0.0011 U	0.0011 U	0.0043 J	0.0031 J	0.0012 J	0.0046 J	0.0017 J	0.0011 U	0.0055 J	0.0011 U	0.0011 U	0.0011 U	0.0023 J	--
	11/2-4/05	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.015 J	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	--
	5/30-6/2/06	0.017 J	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0036 J	0.0011 U	0.019 J	0.0011 U	0.0011 U	0.018 J	0.0011 U	0.018 J	--
	10/23-11/9/06	0.00534 J	0.00515 J	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	--
	03/5-8/07	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U	--
	11/5-9/07	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0089 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U	--
	4/1-3/08	0.0081 U	0.0081 U	0.0081 U	0.0116 J	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0086 J	0.0081 U	0.0081 U	--
	10/27-30/08	0.0081 U	0.0081 U	0.0081 U	0.0344	0.014 J	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U	--

Table 4. Current and Historical Analytical Results
Union Carbide Corporation,
Woodbine, Camden County, Georgia



Constituent GWPS	Sample Dates	MW-1	MW-37	MW-6	MW-7	MW-8	MW-34	MW-38	MW-39	MW-17	MW-18	MW-20	MW-21	MW-23	MW-23A
		Upgradient	Upgradient	POC	POC	POC	POC	POC	POC	Todd Creek	Todd Creek	Todd Creek	Todd Creek	Todd Creek	Todd Creek
		Shallow	Deep	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Deep	Shallow	Deep	Shallow	Shallow
Zinc (continued) 4.674	3/16-19/09	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0126 J	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U	--
	9/14-17/09	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U	--
	3/29-4/1/10	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U	--
	10/5-7/10	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U	--
	3/22-24/11	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U	--
	9/27-29/11	0.0032 U	0.0032 U	0.0032 U	0.0032 U	0.0155 J	0.0032 U	0.0032 U	0.0032 U	0.0032 U	0.0032 U	0.0032 U	0.0032 U	0.0032 U	--
	3/20-22/12	0.0032 U	0.0032 U	0.0032 U	0.0032 U	0.0032 U	0.0032 U	0.0032 U	0.0032 U	0.0032 U	0.0032 U	0.0032 U	0.0032 U	0.0032 U	--
	9/25-27/12	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	--
	3/25-28/13	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.0037 J	0.002 U	0.002 U	0.002 U	0.002 U	--
	9/24-26/13	0.002 U	0.002 U	0.002 U	0.0033 J	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	--
	3/25-27/14	0.002 U	0.002 U	0.0305	0.002 U	0.002 U	0.0027 U	0.002 U	0.002 U	0.002 U	0.002 U	0.0026 J	0.002 U	0.002 U	--
	9/23-26/14	0.0026 U	0.0028 U	0.134	0.0036 U	0.0061 U	0.0029 U	0.0044 U	0.0075 U	0.0023 J	0.0023 U	0.0032 U	0.0022 U	0.004 U	--
	3/24-26/15	0.02 U	0.002 U	0.0114 J	0.002 U	0.0027 J	0.002 U	0.0056 J	0.0032 J	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	--
	9/22-24/15	0.0039 U	0.0039 U	0.0039 U	0.0039 U	0.0039 U	0.0039 U	0.0039 U	0.0039 U	0.0039 U	0.0039 U	0.0039 U	0.0039 U	0.0039 U	--
	3/22-24/16	0.0039 U	0.0039 U	0.0109 J	0.0039 U	0.0039 U	0.0039 U	0.0039 U	0.0039 U	0.0039 U	0.0039 U	0.0039 U	0.0039 U	0.0039 U	--
	9/27-29/16	0.0054 U	0.0054 U	0.0055 J	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	--
	3/28-30/17	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	--
	9/26-28/17	0.0065 U	0.0065 U	0.0065 U	0.0065 U	0.0065 U	0.0065 U	0.0065 U	0.0065 U	0.0065 U	0.0065 U	0.0065 U	0.0065 U	0.0065 U	--
	3/20-22/18	0.0065 U	0.0065 U	0.0065 U	0.0065 U	0.0065 U	0.0065 U	0.0065 U	0.0065 U	0.0065 U	0.0065 U	0.0065 U	0.0065 U	0.0065 U	--
	9/25-27/18	0.0124 J	0.0123 J	0.0136 J	0.02 UB	0.02 UB	0.003 U	0.02 UB	0.0148 J	0.0109 J	0.0113 J	0.0107 J	0.0101 J	0.0126 J	--
	3/19-21/19	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	--
	9/10-12/19	0.0200 UB	0.0037 U	0.0042 J	0.0200 UB	0.0046 J	0.0200 UB	0.0039 J	0.0037 U	0.0039 J	0.0046 J	0.0074 J	0.0039 J	0.0200 UB	--
	6/9-11/20	0.0037 U	0.0037 U	0.0037 U	0.0037 U	0.0037 U	0.0037 U	0.0037 U	0.0037 U	0.0037 U	0.0037 U	0.0037 U	0.0037 U	0.0037 U	--
	11/2-5/20	0.0037 U	0.0037 U	0.0037 U	0.0037 U	0.0037 U	0.0037 U	0.0037 U	0.0037 U	0.0037 U	0.0037 U	0.0037 U	0.0037 U	0.0037 U	--
	3/23-25/21	0.0037 U	0.0037 U	0.0037 U	0.0037 U	0.0037 U	0.0037 U	0.0037 U	0.0037 U	0.0037 U	0.0037 U	0.0037 U	0.0037 U	0.0037 U	--
	9/21-23/21	0.0037 U	0.0037 U	0.0037 U	0.0037 U	0.0037 U	0.0037 U	0.0037 U	0.0037 U	0.0037 U	0.0037 U	0.0037 U	0.0037 U	ABANDONED	--
	3/22-24/22	0.0037 U	0.0037 U	0.0037 U	0.0037 U	0.0037 U	0.0037 U	0.0037 U	0.0037 U	0.0037 U	0.0037 U	0.0037 U	0.0037 U	ABANDONED	0.0037 U
	9/26-28/22	0.0037 U	0.0037 U	0.0037 U	0.0037 U	0.0037 U	0.0037 U	0.0037 U	0.0037 U	0.0037 U	0.0037 U	0.0037 U	0.0037 U	ABANDONED	0.0037 U
Antimony 0.0060	10/30/02	--	--	--	0.005 U	0.005 U	--	--	0.005 U	--	--	--	--	--	--
	10/16/03	--	--	--	0.0037 U	0.0037 U	--	--	0.0037 U	--	--	--	--	--	--
	10/20-22/04	--	--	--	0.0046 U	0.00496 J	--	--	0.0046 U	--	--	--	--	--	--
	10/26/06	--	--	--	0.000626 J	--	--	--	--	--	--	--	--	--	--
	11/7/07	--	--	--	--	--	--	0.000044 U	--	--	--	--	--	--	--
	10/29/08	--	--	0.00036 J	--	--	--	--	--	--	--	--	--	--	--
	12/30/08	--	--	0.00055 J	--	--	--	--	--	--	--	--	--	--	--
	3/17-19/09	--	--	0.00035 J	--	--	--	--	--	--	--	--	--	0.0003 U	--
	9/14-17/09	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	--
	3/29-4/1/10	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	--
	10/5-7/10	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	--
	3/22-24/11	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	--
	9/27-29/11	0.00042 U	0.00042 U	0.00042 U	0.00042 U	0.00042 U	0.00042 U	0.00042 U	0.00042 U	0.00042 U	0.00042 U	0.00042 U	0.00042 U	0.00042 U	--
	3/20-22/12	0.00042 U	0.00042 U	0.00042 U	0.00053 J	0.00042 U	0.00042 U	0.00042 U	0.00042 U	0.00042 U	0.00042 U	0.00042 U	0.00042 U	0.00042 U	--
	9/25-27/12	0.00033 U	0.00033 U	0.00069 J	0.00058 J	0.00033 U	0.00033 U	0.00033 U	0.00033 U	0.00033 U	0.00033 U	0.00033 U	0.00033 U	0.00033 U	--
	3/25-28/13	0.00033 U	0.00033 U	0.00059 J	0.00033 U	0.00033 U	0.00033 U	0.00033 U	0.00033 U	0.00033 U	0.00033 U	0.00033 U	0.00033 U	0.00033 U	--
	9/24-26/13	0.00034 U	0.00034 U	0.00034 U	0.0009 U	0.00034 U	0.00034 U	0.00034 U	0.00034 U	0.00034 U	0.00034 U	0.00034 U	0.00034 U	0.00034 U	--
	3/25-27/14	0.00034 U	0.00034 U	0.00039 J	0.00034 U	0.00034 U	0.00034 U	0.00034 U	0.00034 U	0.00034 U	0.00034 U	0.00034 U	0.00034 U	0.00034 U	--
	9/23-26/14	0.00033 U	0.00033 U	0.00033 U	0.00033 U	0.00033 U	0.00033 U	0.00033 U	0.00033 U	0.00033 U	0.00033 U	0.00033 U	0.00033 U	0.00033 U	--
	3/24-26/15	0.00033 U	0.00033 U	0.00033 U	0.00045 J	0.00033 U	0.00033 U	0.00033 U	0.00033 U	0.00033 U	0.00033 U	0.00033 U	0.00033 U	0.00033 U	--
	9/22-24/15	0.00033 U	0.00033 U	0.00033 U	0.00043 J	0.00033 U	0.00033 U	0.00033 U	0.00033 U	0.00033 U	0.00033 U	0.00033 U	0.00033 U	0.00033 U	--
	3/22-24/16	0.00033 U	0.00033 U	0.001 U	0.001 U	0.00033 U	0.00033 U	0.00033 U	0.00033 U	0.00033 U	0.00033 U	0.00033 U	0.00033 U	0.00033 U	--

Table 4. Current and Historical Analytical Results
Union Carbide Corporation,
Woodbine, Camden County, Georgia



Constituent GWPS	Sample Dates	MW-1	MW-37	MW-6	MW-7	MW-8	MW-34	MW-38	MW-39	MW-17	MW-18	MW-20	MW-21	MW-23	MW-23A
		Upgradient	Upgradient	POC	POC	POC	POC	POC	POC	Todd Creek	Todd Creek	Todd Creek	Todd Creek	Todd Creek	Todd Creek
		Shallow	Deep	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Deep	Shallow	Deep	Shallow	Shallow
Antimony (continued) 0.0060	9/27-29/16	0.00048 U	0.00048 U	0.0005 J	0.0005 J	0.00048 U	0.00048 U	0.00048 U	0.00048 U	0.00048 U	0.00048 U	0.00048 U	0.00048 U	0.00048 U	--
	3/28-30/17	0.00048 U	0.00048 U	0.0011	0.001 J	0.00048 U	0.00048 U	0.00048 U	0.00048 U	0.00048 U	0.00048 U	0.00048 U	0.00048 U	0.00048 U	--
	9/26-28/17	0.00045 U	0.00045 U	0.00097 J	0.0012	0.00045 U	0.00045 U	0.00045 U	0.00045 U	0.00045 U	0.00045 U	0.00045 U	0.00045 U	0.00045 U	--
	3/20-22/18	0.00045 U	0.00045 U	0.00095 J	0.0007 J	0.00045 U	0.00045 U	0.00045 U	0.00045 U	0.00045 U	0.00045 U	0.00045 U	0.00045 U	0.00045 U	--
	9/25-27/18	0.00041 U	0.00041 U	0.00041 U	0.002 UB	0.00041 U	0.00041 U	0.00041 U	0.00041 U	0.00041 U	0.00041 U	0.00041 U	0.00041 U	0.00041 U	--
	3/19-21/19	0.00041 U	0.00041 U	0.00041 U	0.00075 J	0.00041 U	0.00041 U	0.00041 U	0.00041 U	0.00041 U	0.00041 U	0.00041 U	0.00041 U	0.00041 U	--
	9/10-12/19	0.00041 U	0.00041 U	0.00089 J	0.0010 UB	0.00041 U	0.00041 U	0.00041 U	0.00041 U	0.00041 U	0.00041 U	0.00041 U	0.00041 U	0.00041 U	--
	6/9-11/20	0.00041 U	0.00041 U	0.00056 J	0.00041 U	0.00041 U	0.00041 U	0.00041 U	0.00041 U	0.00041 U	0.00041 U	0.00041 U	0.00041 U	0.00041 U	--
	11/2-5/20	0.00041 U	0.00041 U	0.00047 J	0.00041 U	0.00041 U	0.00041 U	0.00041 U	0.00041 U	0.00041 U	0.00041 U	0.00041 U	0.00041 U	0.00041 U	--
	3/23-25/21	0.00041 U	0.00068 J	0.00041 U	0.00058 J	0.00041 U	0.00041 U	0.00041 U	0.00041 U	0.00041 U	0.00041 U	0.00041 U	0.00041 U	0.00041 U	--
	9/21-23/21	0.00041 U	0.00041 U	0.00041 U	0.00041 J	0.00041 U	0.00041 U	0.00041 U	0.00041 U	0.00041 U	0.00041 U	0.00041 U	0.00041 U	ABANDONED	--
	3/22-24/22	0.00020 U	0.00020 U	0.00020 U	0.00021 J	0.00020 U	0.00020 U	0.00020 U	0.00020 U	0.00020 U	0.00023 J	0.00020 U	0.00020 U	ABANDONED	0.00020 U
	9/26-28/22	0.00020 U	0.00020 U	0.00022 J	0.00031 J	0.00020 U	0.00020 U	0.00020 U	0.00020 U	0.00020 U	0.00020 U	0.00020 U	0.00020 U	ABANDONED	0.00020 U
Arsenic 0.050	11/24/97	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	--
	3/26/98	BRL	--	0.010	BRL	BRL	BRL	BRL	BRL	--	--	--	--	--	--
	5/28/98	BRL	--	BRL	BRL	BRL	BRL	BRL	BRL	--	--	--	--	--	--
	9/16/98	BRL	--	BRL	BRL	BRL	BRL	BRL	BRL	--	--	--	--	--	--
	11/19/98	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	--
	2/8/99	BRL	--	BRL	BRL	BRL	BRL	BRL	BRL	--	--	--	--	--	--
	5/11/99	BRL	--	BRL	BRL	BRL	BRL	BRL	BRL	--	--	--	--	--	--
	11/8-9/99	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	--
	4/18-19/00	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	--
	10/16/00	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	--
	4/10/01	BRL	BRL	0.010	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	--
	11/7-8/01	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	--
	4/16-17/02	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	--
	10/30-31/02	0.0015 U	0.0015 U	0.0018 J	0.0031 J	0.0027 J	0.0015 U	0.0015 U	0.0019 J	0.0015 U	0.0015 U	0.0015 U	0.0015 U	0.0022 J	--
	4/21-24/03	0.0012 U	0.0012 U	0.0012 U	0.0014 J	0.0012 U	0.0019 J	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0031 J	--
	10/14-16/03	0.0012 U	0.0012 U	0.0012 U	0.0017 J	0.0012 U	0.0014 J	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 J	--
	4/20-21/04	0.000437 J	0.000312 J	0.00961 J	0.00381 J	0.000739 J	0.00174 J	0.0002 U	0.00556 J	0.00497 J	0.0012 J	0.000884 J	0.000498 J	0.00269 J	--
	10/18-20/04	0.0002 U	0.0002 U	0.0138	0.00187	0.001 U	0.000444 J	0.000341 J	0.00605	0.000338 J	0.0002 U	0.000897 J	0.000386 J	0.00094 J	--
	4/26-27/05	0.00093 U	0.00093 U	0.019	0.011	0.00093 U	0.00093 U	0.00093 U	0.021	0.00093 U	0.00093 U	0.00093 U	0.00093 U	0.00093 U	--
	11/2-4/05	0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.028 J	0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0013 U	--
	5/30-6/2/06	0.0013 U	0.0013 U	0.0013 UJ	0.0013 UJ	0.0013 UJ	0.0013 U	0.0013 UJ	0.0013 UJ	0.0013 U	0.0013 UJ	0.0013 U	0.0013 U	0.0013 U	--
	10/23-11/9/06	0.00958 U	0.00663 U	0.0132	0.00569 U	0.00721 J	0.0217 U	0.00934 J	0.00724 U	0.00647 J	0.0151	0.00817 J	0.00659 J	0.005 U	--
	3/5-8/07	0.00067 U	0.00067 U	0.0080	0.0111	0.0016 J	0.00088 J	0.00067 J	0.0152	0.0011 J	0.00067 U	0.0101	0.00087 J	0.0017 J	--
	11/5-9/07	0.0007 U	0.0007 U	0.0072	0.0094	0.0012 J	0.001 J	0.0007 U	0.011	0.0013 J	0.0007 U	0.0069	0.0007 U	0.0011 J	--
	4/1-3/08	0.0007 U	0.0007 U	0.0086	0.0076	0.0007 U	0.0007 U	0.00095 J	0.0041	0.0016 J	0.0007 U	0.0096 J	0.0007 U	0.0018 J	--
	10/27-30/08	0.00095 U	0.00095 U	0.0079 J	0.0051	0.00095 U	0.00095 U	0.00095 U	0.0112	0.0021	0.00095 U	0.0109	0.00095 U	0.0037	--
	3/16-19/09	0.00095 U	0.00095 U	0.0079	0.0051	0.00095 U	0.00095 U	0.00095 U	0.0013 J	0.0099	0.001 J	0.00095 U	0.0159	0.00095 U	0.0015 J
	9/14-17/09	0.00095 U	0.00095 U	0.0064	0.0027	0.00095 U	0.00095 U	0.00095 U	0.0028	0.0012 J	0.00095 U	0.0052	0.00095 U	0.0012 J	--
	3/29-4/1/10	0.00095 U	0.00095 U	0.0040	0.0063	0.00095 U	0.00095 U	0.00095 U	0.0031	0.0012 J	0.00095 U	0.0049 J	0.00095 U	0.0033	--
	10/5-7/10	0.00095 U	0.00095 U	0.0036	0.0041	0.00095 U	0.00095 U	0.00095 U	0.0050	0.0012 J	0.00095 U	0.0035	0.00095 U	0.0017 J	--
	3/22-24/11	0.00095 U	0.00095 U	0.0048	0.0036	0.00095 U	0.00095 U	0.00095 U	0.0047	0.00095 U	0.00095 U	0.0051	0.00095 U	0.0015 J	--
	9/27-29/11	0.00095 U	0.00095 U	0.0040	0.0048	0.00095 U	0.00095 U	0.00095 U	0.0070	0.0019 J	0.00095 U	0.0072	0.00095 U	0.0013 J	--
	3/20-22/12	0.00095 U	0.00095 U	0.0031	0.0125 J	0.00095 U	0.00095 U	0.00095 U	0.0042	0.0016 J	0.00095 U	0.0136	0.00095 U	0.0015 J	--
	9/25-27/12	0.0004 U	0.0004 U	0.0024	0.0085	0.0004 U	0.0004 J	0.00043 J	0.0043	0.0024	0.0004 U	0.0047 J	0.0004 U	0.0014 J	--
	3/25-28/13	0.0004 U	0.0004 U	0.0051	0.0064	0.0004 U	0.0004 U	0.00088 J	0.0026	0.001 J	0.0004 U	0.0098	0.0004 U	0.0023	--
	9/24-26/13	0.00042 U	0.00042 U	0.0069	0.0092	0.00042 U	0.00042 U	0.00042 U	0.0024	0.0022	0.00042 U	0.0101	0.00042 U	0.0056	--
	3/25-27/14	0.00078 U	0.00078 U	0.0073	0.0045	0.00078 U	0.00078 U	0.00078 U	0.0016 J	0.0015 J	0.00078 U	0.0109	0.00078 U	0.002 J	--

Table 4. Current and Historical Analytical Results
Union Carbide Corporation,
Woodbine, Camden County, Georgia



Constituent GWPS	Sample Dates	MW-1	MW-37	MW-6	MW-7	MW-8	MW-34	MW-38	MW-39	MW-17	MW-18	MW-20	MW-21	MW-23	MW-23A
		Upgradient	Upgradient	POC	POC	POC	POC	POC	POC	Todd Creek	Todd Creek	Todd Creek	Todd Creek	Todd Creek	Todd Creek
		Shallow	Deep	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Deep	Shallow	Deep	Shallow	Shallow
Arsenic (continued) 0.050	9/23-26/14	0.00082 U	0.00082 U	0.0046	0.0027	0.00082 U	0.00082 U	0.00082 U	0.0014 J	0.0023	0.00082 U	0.0028	0.00082 U	0.0051	--
	3/24-26/15	0.00082 U	0.00082 U	0.0037	0.0036	0.00082 U	0.00082 U	0.00082 U	0.0012 J	0.002	0.00082 U	0.005	0.00082 U	0.0094	--
	9/22-24/15	0.00054 U	0.00054 U	0.0045	0.0034	0.00054 U	0.00054 U	0.00054 U	0.00069 J	0.002	0.00054 U	0.0017 J	0.00054 U	0.0115	--
	3/22-24/16	0.00054 U	0.00054 U	0.0050	0.0023	0.00054 U	0.00054 U	0.00054 U	0.0021	0.0023	0.00054 U	0.0016 J	0.00054 U	0.0056	--
	9/27-29/16	0.00068 U	0.00068 U	0.0108	0.0063	0.00068 J	0.00068 U	0.00068 U	0.0028	0.002	0.00068 U	0.00068 U	0.002 J	0.0036	--
	3/28-30/17	0.00068 U	0.00068 U	0.0149	0.0080	0.00068 U	0.00068 U	0.00068 U	0.0042	0.0024	0.00068 U	0.0038	0.00068 U	0.003	--
	9/26-28/17	0.00072 U	0.00072 U	0.0116	0.0051	0.00072 U	0.00072 U	0.00072 U	0.0047	0.0013 J	0.00072 U	0.00072 U	0.00072 U	0.0037	--
	3/20-22/18	0.00072 U	0.00072 U	0.0091	0.0060	0.00072 U	0.00072 U	0.00072 U	0.0040	0.0018 J	0.00072 U	0.0047	0.00072 U	0.00072 U	--
	9/25-27/18	0.00068 U	0.00068 U	0.0048	0.0054	0.00068 U	0.00068 U	0.00068 U	0.0032	0.0024	0.00068 U	0.0053	0.00068 U	0.0055	--
	3/19-21/19	0.00068 U	0.00068 U	0.0038	0.0028	0.00068 U	0.00068 U	0.00068 U	0.0042	0.00088 J	0.00068 U	0.0023	0.00068 U	0.0054	--
	9/10-12/19	0.00068 U	0.00068 U	0.0095	0.0024	0.00068 U	0.00068 U	0.00068 U	0.0025	0.0016 J	0.00068 U	0.0018 J	0.00068 U	0.0129	--
	6/9-11/20	0.00068 U	0.00068 U	0.014	0.0021	0.00068 U	0.00068 U	0.00068 U	0.0020	0.0012 J	0.00068 U	0.0016 J	0.00068 U	0.0095	--
	11/2-5/20	0.00068 U	0.00068 U	0.018	0.0026	0.00068 U	0.00068 U	0.00068 U	0.0063	0.0010 J	0.00068 U	0.00098 J	0.00068 U	0.0089	--
	3/23-25/21	0.00068 U	0.0027	0.025	0.0024	0.00068 U	0.00068 U	0.00068 U	0.0051	0.00092 J	0.00068 U	0.00071 J	0.00068 U	0.012	--
	9/21-23/21	0.00068 U	0.00068 U	0.012	0.0014 J	0.00068 U	0.00068 U	0.00068 U	0.0036	0.0019 J	0.00068 U	0.0019 J	0.00068 U	ABANDONED	--
	3/22-24/22	0.00068 U	0.00068 U	0.015	0.0013 J	0.00068 U	0.00068 U	0.00068 U	0.0035	0.00068 U	0.00068 U	0.00068 U	0.00068 U	ABANDONED	0.0032
	9/26-28/22	0.00068 U	0.00068 U	0.0072	0.0012 J	0.00068 U	0.00068 U	0.00068 U	0.0010 J	0.0014 J	0.00068 U	0.00068 U	0.00068 U	ABANDONED	0.0020
Selenium 0.010	11/24/97	BRL	--	BRL	0.014	BRL	BRL	BRL	BRL	--	--	--	--	--	--
	3/26/98	BRL	--	BRL	BRL	BRL	BRL	BRL	BRL	--	--	--	--	--	--
	5/28/98	BRL	--	BRL	BRL	BRL	BRL	BRL	BRL	--	--	--	--	--	--
	9/16/98	BRL	--	BRL	BRL	BRL	BRL	BRL	BRL	--	--	--	--	--	--
	11/19/98	BRL	--	BRL	BRL	BRL	BRL	BRL	BRL	--	--	--	--	--	--
	2/8/99	BRL	--	BRL	BRL	BRL	BRL	BRL	BRL	--	--	--	--	--	--
	5/11/99	BRL	--	BRL	BRL	BRL	BRL	BRL	BRL	--	--	--	--	--	--
	11/8-9/99	BRL	BRL	BRL	BRL	BRL	BRL	0.011	BRL	BRL	BRL	BRL	BRL	BRL	--
	4/18-19/00	BRL	BRL	BRL	0.012	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	--
	10/16/00	BRL	BRL	BRL	0.013	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	--
	4/10/01	BRL	BRL	0.012	0.012	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	--
	11/7-8/01	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	--
	4/16-17/02	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	--
	10/30-31/02	0.0033 U	0.0033 U	0.0033 U	0.0037 J	0.0033 U	0.0033 U	0.0033 U	0.0033 U	0.0044 J	0.0033 U	0.0033 U	0.0033 U	0.0033 U	--
	4/21-24/03	0.0038 J	0.0013 J	0.0013 U	0.0027 J	0.0036 J	0.0013 U	0.0013 U	0.0013 U	0.0032 J	0.0017 J	0.0032 J	0.0017 J	0.003 J	--
	10/14-16/03	0.0013 J	0.0013 U	0.0019 J	0.0049 J	0.0022 J	0.0013 U	0.0025 J	0.0013 U	0.0086	0.0013 U	0.0013 U	0.0013 U	0.0013 U	--
	4/20-21/04	0.000641 J	0.0004 U	0.00177 J	0.0025 J	0.00259 J	0.00143 J	0.000523 J	0.00133 J	0.00451 J	0.00133 J	0.000856 J	0.0004 U	0.000778 J	--
	10/18-20/04	0.000465 J	0.0004 U	0.00212 J	0.0031	0.00408	0.00061 J	0.00117 J	0.00155	0.00688 J	0.0004 U	0.0004 U	0.0004 U	0.00285 J	--
	4/26-27/05	0.005 U	0.005 U	0.005 U	0.0035 J	0.0014 J	0.005 U	0.005 U	0.005 U	0.0061	0.005 U	0.005 U	0.005 U	0.005 U	--
	11/2-4/05	0.0021 UJ	0.0021 UJ	0.0021 U	0.0021 U	0.0021 U	0.0021 UJ	0.0021 U	0.0021 U	0.0024 J	0.0021 UJ	0.0021 UJ	0.0021 UJ	0.0021 UJ	--
	5/30-6/2/06	0.0011 U	0.0011 U	0.0011 U	0.0049 J	0.0011 UJ	0.0011 UJ	0.0011 UJ	0.0011 U	0.0013 J	0.0011 U	0.0011 U	0.0026 J	0.0011 U	--
	10/23-11/9/06	0.005 U	0.01 U	0.025 U	0.005 UJ	0.05 U	0.025 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	0.025 U	0.005 U	--
	03/5-8/07	0.0005 U	0.0005 U	0.0029 J	0.0063 J	0.0018 J	0.0028	0.0011 J	0.0037 J	0.0007 J	0.001 J	0.0015 J	0.00078 J	0.00051 J	--
	11/5-9/07	0.00053 U	0.00053 U	0.0035 J	0.0059	0.0015 J	0.0017 J	0.0015 J	0.0011 J	0.00053 U	0.00053 U	0.00091 J	0.00053 U	0.0013 J	--
	4/1-3/08	0.00035 U	0.00035 U	0.0020	0.0015 J	0.0011 J	0.0004 J	0.00035 U	0.00035 U	0.002	0.00053 U	0.0014 J	0.00053 U	0.00053 U	--
	10/27-30/08	0.0003 U	0.0003 U	0.0037 J	0.0023 J	0.0011 J	0.00032 J	0.00044 J	0.0003 U	0.00042 J	0.0003 U	0.00095 J	0.0003 U	0.0003 U	--
	3/16-19/09	0.00099 U	0.00099 U	0.0012 J	0.0015 J	0.00099 U	0.00099 U	0.00099 U	0.00099 U	0.00099 U	0.00099 U	0.0011 J	0.00099 U	0.00099 U	--
	9/14-17/09	0.00099 U	0.00099 U	0.0013 J	0.001 J	0.0013 J	0.00099 U	0.00099 U	0.00099 U	0.00099 U	0.00099 U	0.00099 UJ	0.00099 U	0.00099 U	--
	3/29-4/1/10	0.00099 U	0.00099 UJ	0.00099 U	0.0018 J	0.001 J	0.00099 U	0.00099 U	0.00099 U	0.00099 U	0.00099 U	0.00099 UJ	0.00099 U	0.00099 U	--
	10/5-7/10	0.00025 U	0.00025 U	0.00058 J	0.0013 J	0.00074 J	0.00032 J	0.00025 U	0.00035 J	0.0012 J	0.00025 U	0.00048 J	0.00025 U	0.00025 U	--
	3/22-24/11	0.00025 U	0.00025 U	0.00062 J	0.0011 J	0.00058 J	0.00031 J	0.00025 U	0.00037 J	0.0016 J	0.00025 U	0.00055 J	0.00025 U	0.00025 U	--
	9/27-29/11	0.00027 U	0.00027 U	0.00069 J	0.00087 J	0.00066 J	0.00027 J	0.00027 U	0.0004 J	0.00034 J	0.00027 U	0.00071 J	0.00027 U	0.00027 U	--
	3/20-22/12	0.00027 U	0.00027 U	0.00057 J	0.0011 J	0.00065 J	0.00028 J	0.00027 U	0.00027 U	0.00064 J	0.00027 U	0.00098 J	0.00027 U	0.00027 U	--

Table 4. Current and Historical Analytical Results

Union Carbide Corporation,
Woodbine, Camden County, Georgia



Constituent GWPS	Sample Dates	MW-1	MW-37	MW-6	MW-7	MW-8	MW-34	MW-38	MW-39	MW-17	MW-18	MW-20	MW-21	MW-23	MW-23A
		Upgradient	Upgradient	POC	POC	POC	POC	POC	POC	Todd Creek	Todd Creek	Todd Creek	Todd Creek	Todd Creek	Todd Creek
		Shallow	Deep	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Deep	Shallow	Deep	Shallow	Shallow
Selenium (continued) 0.010	9/25-27/12	0.0005 U	0.0005 U	0.0005 U	0.0013 J	0.0005 U	0.0005 U	0.0019 J	0.0005 U	0.0017 J	0.0005 U	0.0008 J	0.0005 U	0.0005 U	--
	3/25-28/13	0.0005 U	0.0005 U	0.00062 J	0.001 J	0.00074 J	0.0005 U	0.0008 J	0.0005 U	0.0012 J	0.0005 U	0.00073 J	0.0005 U	0.0005 U	--
	9/24-26/13	0.0005 U	0.0005 U	0.00055 J	0.0016 J	0.0007 J	0.0005 U	0.0015 J	0.0005 U	0.0005 U	0.0005 U	0.00067 J	0.0005 U	0.0005 U	--
	3/25-27/14	0.0005 U	0.0005 U	0.00065 U	0.001 J	0.00073 J	0.0005 U	0.0014 J	0.0005 U	0.00074 J	0.0005 U	0.00083 J	0.0005 U	0.0005 U	--
	9/23-26/14	0.0005 U	0.0005 U	0.0005 U	0.00068 J	0.00061 J	0.0005 U	0.0014 J	0.0005 U	0.00052 J	0.0005 U	0.00061 J	0.0005 U	0.0005 U	--
	3/24-26/15	0.0005 U	0.0005 U	0.00068 J	0.0016 J	0.00077 J	0.0005 U	0.0009 J	0.0005 U	0.0005 U	0.0005 U	0.00058 J	0.0005 U	0.0005 U	--
	9/22-24/15	0.0005 U	0.0005 U	0.00052 J	0.0012 J	0.00075 J	0.0005 U	0.0005 U	0.0005 U	0.0007 J	0.0005 U	0.0005 J	0.0005 U	0.0005 U	--
	3/22-24/16	0.0005 U	0.0005 U	0.00055 J	0.00093 J	0.0013 J	0.0005 U	0.0005 U	0.0005 U	0.00056 J	0.0005 U	0.0005 U	0.0005 U	0.0005 U	--
	9/27-29/16	0.00044 U	0.00044 U	0.00065 J	0.0013 J	0.00076 J	0.00044 U	0.00044 U	0.00044 U	0.00044 U	0.00044 U	0.00044 U	0.00047 J	0.00044 U	--
	3/28-30/17	0.00044 U	0.00044 U	0.00082 J	0.0033	0.00072 J	0.00044 U	0.00044 U	0.00045 J	0.00061 J	0.00044 U	0.00058 J	0.00044 U	0.00044 U	--
	9/26-28/17	0.0005 U	0.0005 U	0.00066 J	0.004	0.00097 J	0.0005 U	0.00094 J	0.0005 U	0.0015 J	0.0005 U	0.0025 J	0.0005 U	0.0005 U	--
	3/20-22/18	0.0005 U	0.0005 U	0.00071 J	0.0021 J	0.00084 J	0.0005 U	0.0005 U	0.0005 U	0.0025	0.0005 U	0.00075 J	0.0005 U	0.0005 U	--
	9/25-27/18	0.00065 U	0.00065 U	0.00065 U	0.0057	0.0008 J	0.00065 U	0.00065 U	0.00065 U	0.0045	0.00065 U	0.0009 J	0.00065 U	0.00065 U	--
	3/19-21/19	0.00065 U	0.00065 U	0.00065 UJ	0.0043 J	0.0011 J	0.00065 UJ	0.00065 UJ	0.00065 UJ	0.0019 J	0.00065 U	0.00069 J	0.00065 UJ	0.00065 U	--
	9/10-12/19	0.00028 U	0.00028 U	0.00062 J	0.0032	0.0011	0.00028 U	0.00057 J	0.00033 J	0.0007 J	0.00028 U	0.00056 J	0.00028 U	0.00028 U	--
	6/9-11/20	0.0059 J	0.00028 U	0.0013	0.0014	0.0011	0.00028 U	0.0011	0.00028 U	0.0011	0.00028 U	0.00036 J	0.00028 U	0.00028 UJ	--
	11/2-5/20	0.00028 U	0.00028 U	0.0017	0.0023	0.00096 J	0.00028 U	0.00028 U	0.00028 U	0.0014	0.00028 U	0.00038 J	0.00028 U	0.00028 U	--
	3/23-25/21	0.00031 J	0.00028 U	0.00099 J	0.0021	0.00075 J	0.00028 UJ	0.00028 U	0.00030 J	0.0012	0.00028 U	0.00035 J	0.00028 U	0.00028 UJ	--
	9/21-23/21	0.00028 U	0.00028 U	0.0011	0.0017	0.00069 J	0.00028 U	0.00062 J	0.00029 J	0.0043	0.00028 U	0.00045 J	0.00028 U	ABANDONED	--
	3/22-24/22	0.00028 U	0.00028 U	0.0011	0.0019 J	0.00086 J	0.00028 U	0.00085 J	0.00028 J	0.0031	0.00028 U	0.00028 U	0.00028 U	ABANDONED	0.00028 U
	9/26-28/22	0.00028 U	0.00028 U	0.0014	0.0014	0.00098 J	0.00028 U	0.00040 J	0.00028 U	0.0034	0.00028 U	0.00028 J	0.00028 U	ABANDONED	0.00033 J
Vanadium 0.0010	11/24/97	BRL	--	BRL	0.021	BRL	BRL	BRL	BRL	--	--	--	--	--	--
	3/26/98	BRL	--	BRL	0.018	BRL	BRL	BRL	BRL	--	--	--	--	--	--
	5/28/98	BRL	--	BRL	BRL	BRL	BRL	BRL	BRL	--	--	--	--	--	--
	9/16/98	BRL	--	BRL	BRL	BRL	BRL	BRL	BRL	--	--	--	--	--	--
	11/19/98	BRL	--	BRL	BRL	BRL	BRL	BRL	BRL	--	--	--	--	--	--
	2/8/99	BRL	--	BRL	0.011	BRL	BRL	BRL	BRL	--	--	--	--	--	--
	5/11/99	BRL	--	BRL	BRL	BRL	BRL	BRL	BRL	--	--	--	--	--	--
	11/8-9/99	BRL	BRL	BRL	0.012	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	--
	4/18-19/00	BRL	BRL	BRL	0.014	BRL	BRL	BRL	0.014	BRL	BRL	BRL	BRL	BRL	--
	10/16/00	BRL	BRL	BRL	0.01	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	--
	4/10/01	BRL	BRL	BRL	0.01	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	--
	11/7-8/01	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	--
	4/16-17/02	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	0.013	BRL	BRL	--
	10/30-31/02	0.0022 U	0.0022 U	0.0038 J	0.0056 J	0.0054 J	0.0027 J	0.0022 U	0.0022 U	0.0033 J	0.0022 U	0.021	0.0022 U	0.0056 J	--
	4/21-24/03	0.0007 U	0.0007 U	0.0033 J	0.0048 J	0.0065 J	0.0019 J	0.0022 J	0.00094 J	0.0019 J	0.0007 U	0.0061 J	0.0011 J	0.0056 J	--
	10/14-16/03	0.0007 U	0.0007 U	0.0025 J	0.0095 J	0.017	0.0019 J	0.004 J	0.0007 U	0.0063 J	0.0007 U	0.0082 J	0.0007 U	0.0059 J	--
	4/20-21/04	0.003 U	0.003 U	0.003 U	0.00701 J	0.00349 J	0.003 U	0.003 U	0.003 U	0.0164	0.003 U	0.00453 J	0.003 U	0.003 U	--
	10/18-20/04	0.003 U	0.003 U	0.00359 J	0.00627	0.0143	0.003 U	0.003 U	0.005 U	0.003 U	0.003 U	0.0051 J	0.003 U	0.00922 J	--
	4/26-27/05	0.0007 U	0.0007 U	0.0007 U	0.0076 J	0.0068 J	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U	--
	11/2-4/05	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U	--
	5/30-6/2/06	0.0007 U	0.0007 U	0.0007 U	0.011	0.011	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U	--
	10/23-11/9/06	0.00557 U	0.00602 U	0.005 U	0.0146	0.011	0.00763 U	0.005 U	0.005 U	0.00633 J	0.005 U	0.005 U	0.005 U	0.005 U	--
	03/5-8/07	0.0015 U	0.0015 U	0.0015 U	0.0148	0.0093	0.0015 U	0.0048 J	0.0015 U	0.0015 U	0.0015 U	0.0045 J	0.0032 J	0.0015 U	--
	11/5-9/07	0.0015 U	0.0015 U	0.0023 J	0.02	0.0123	0.0015 U	0.0028 J	0.0017 J	0.0029 J	0.0015 U	0.0031 J	0.0015 U	0.0036 J	--
	4/1-3/08	0.0015 U	0.0015 U	0.0032 U	0.0085	0.0105	0.0015 U	0.0038 U	0.0018 U	0.0035 J	0.0015 U	0.0033 J	0.0015 U	0.0015 U	--
	10/27-30/08	0.0025 U	0.0025 U	0.0033 J	0.0133	0.0117	0.0025 U	0.0039 J	0.0025 U	0.0033 J	0.0025 U	0.004 J	0.0025 U	0.0025 U	--
	3/16-19/09	0.0025 U	0.0025 U	0.0030 J	0.012	0.0094	0.0025 U	0.0052	0.0025 U	0.0025 U	0.0025 U	0.0085	0.0025 U	0.0025 U	--
	9/14-17/09	0.0025 U	0.0025 U	0.0025 U	0.0059 U	0.0102 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.003 J	0.0025 U	0.0025 U	--
	3/29-4/1/10	0.0025 U	0.0025 U	0.0025 U	0.0081	0.0091	0.0025 U	0.0047 J	0.0025 U	0.0025 U	0.0025 U	0.0041 J	0.0025 U	0.0025 U	--

Table 4. Current and Historical Analytical Results
Union Carbide Corporation,
Woodbine, Camden County, Georgia



Constituent GWPS	Sample Dates	MW-1	MW-37	MW-6	MW-7	MW-8	MW-34	MW-38	MW-39	MW-17	MW-18	MW-20	MW-21	MW-23	MW-23A
		Upgradient	Upgradient	POC	POC	POC	POC	POC	POC	Todd Creek	Todd Creek	Todd Creek	Todd Creek	Todd Creek	Todd Creek
		Shallow	Deep	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Deep	Shallow	Deep	Shallow	Shallow
Vanadium (continued) 0.0010	10/5-7/10	0.0025 U	0.0025 U	0.0025 U	0.0104	0.0088	0.0025 U	0.0028 J	0.0025 U	0.0035 U	0.0025 U	0.0051	0.0025 U	0.0025 U	--
	3/22-24/11	0.0025 U	0.0025 U	0.0025 U	0.0063	0.0082	0.0025 U	0.0025 U	0.0025 U	0.003 U	0.0025 U	0.0069 U	0.0025 U	0.0025 U	--
	9/27-29/11	0.00096 U	0.00096 U	0.0027 J	0.0067	0.0075	0.00096 U	0.0014 J	0.0026 J	0.0038 J	0.00096 U	0.0054	0.00096 U	0.0011 J	--
	3/20-22/12	0.00096 U	0.00096 U	0.0021 J	0.0078	0.0062	0.00096 U	0.0034 J	0.0015 J	0.0044 U	0.0012 U	0.0084	0.0019 U	0.0019 U	--
	9/25-27/12	0.0013 U	0.0013 U	0.003 U	0.0113	0.0024 U	0.0013 U	0.004 U	0.0033 U	0.0045 U	0.0017 U	0.0024 U	0.0013 U	0.0013 U	--
	3/25-28/13	0.0013 U	0.0013 U	0.0020 J	0.0079	0.0077	0.0013 U	0.0025 J	0.0013 U	0.006	0.0013 U	0.0053	0.0013 U	0.0013 U	--
	9/24-26/13	0.002 U	0.002 U	0.002 U	0.0137	0.0078	0.002 U	0.0031 J	0.002 U	0.0062	0.002 U	0.0044 J	0.002 U	0.002 U	--
	3/25-27/14	0.002 U	0.002 U	0.002 U	0.012	0.0068 U	0.002 U	0.0039 J	0.002 U	0.0041 J	0.002 U	0.0055	0.002 U	0.002 U	--
	9/23-26/14	0.0019 U	0.0019 U	0.0019 U	0.0071	0.0072	0.0019 U	0.0038 J	0.0019 U	0.0043 J	0.0019 U	0.0046 J	0.0019 U	0.0019 U	--
	3/24-26/15	0.0019 U	0.0019 U	0.005 U	0.011	0.0086	0.0019 U	0.0049 J	0.0019 U	0.0032 J	0.0019 U	0.0055	0.0019 U	0.0019 U	--
	9/22-24/15	0.0014 U	0.0014 U	0.0016 U	0.0126	0.0076	0.0014 U	0.0038 U	0.0014 U	0.003 U	0.0014 U	0.0044 U	0.0014 U	0.0014 U	--
	3/22-24/16	0.0023 U	0.0023 U	0.0023 U	0.0076	0.0068	0.0023 U	0.0049 J	0.0023 U	0.004 J	0.0023 U	0.0029 J	0.0023 U	0.0023 U	--
	9/27-29/16	0.00039 J	0.00023 J	0.0018	0.0121	0.0072	0.00061	0.0042	0.0011	0.0044	0.00024 J	0.00032 J	0.0033	0.0021	--
	3/28-30/17	0.00047 J	0.00037 J	0.0023	0.0563	0.0083	0.00064	0.0049	0.0020	0.0045	0.00032 J	0.003	0.00048 J	0.0022	--
	9/26-28/17	0.00044 J	0.00031 J	0.0019	0.0531	0.0064	0.00061	0.0061	0.0011	0.0034	0.00045 J	0.0016	0.00042 J	0.0016	--
	3/20-22/18	0.00027 J	0.00024 J	0.0018	0.02	0.0072	0.00065	0.006	0.00075	0.0066	0.00039 J	0.0043	0.00047 J	0.00021 U	--
	9/25-27/18	0.00036 J	0.0003 J	0.0023	0.0342	0.0077	0.00059 J	0.0064	0.0012	0.0084	0.00024 U	0.0062	0.0010 UB	0.0021	--
	3/19-21/19	0.00032 J	0.00024 U	0.0014	0.0451	0.0084	0.00062 J	0.0061	0.0016	0.0048	0.00027 J	0.0057	0.00031 J	0.00087 J	--
	9/10-12/19	0.00050 UB	0.00024 U	0.0016	0.0397	0.0095	0.00068	0.0144	0.0011	0.0033	0.00024 U	0.0053	0.00043 J	0.00088	--
	6/9-11/20	0.00028 J	0.00024 U	0.0037	0.030	0.0093	0.00076	0.0068	0.0011	0.0032	0.00024 U	0.0033	0.00025 J	0.00072	--
	11/2-5/20	0.00027 J	0.00024 U	0.0050	0.018	0.0097	0.00042 J	0.0060	0.00083 J	0.0020 J	0.00024 U	0.0040	0.00029 J	0.00048 J	--
	3/23-25/21	0.00079 U	0.0039 J	0.0033 J	0.023	0.0076	0.00079 U	0.0039 J	0.00079 U	0.0034 J	0.00079 U	0.0031 J	0.00079 U	0.00079 U	--
	9/21-23/21	0.00079 U	0.00079 U	0.0050	0.019	0.0081	0.00079 U	0.0040	0.0011 J	0.0079	0.00079 U	0.0051	0.00079 U	ABANDONED	--
	3/22-24/22	0.00079 U	0.00079 U	0.0055	0.016	0.0086	0.00079 U	0.0045	0.0011 J	0.0029 J	0.00079 U	0.0033 J	0.00079 U	ABANDONED	0.0017 J
	9/26-28/22	0.00079 U	0.00079 U	0.0079	0.016	0.010	0.00079 U	0.0026 J	0.00079 U	0.0051	0.00079 U	0.0037 J	0.00079 U	ABANDONED	0.0038 J
Cyanide 0.20	11/24/97	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	--
	3/26/98	BRL	--	0.023	0.016	BRL	BRL	BRL	BRL	--	--	--	--	--	--
	5/28/98	BRL	--	0.019	0.040	BRL	BRL	BRL	0.020	--	--	--	--	--	--
	9/16/98	BRL	--	BRL	BRL	BRL	BRL	BRL	BRL	--	--	--	--	--	--
	11/19/98	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	--
	2/8/99	BRL	--	BRL	0.016	BRL	BRL	BRL	0.012	--	--	--	--	--	--
	5/11/99	BRL	--	0.036	BRL	BRL	BRL	BRL	0.015	--	--	--	--	--	--
	11/8-9/99	BRL	BRL	0.023	0.063	BRL	BRL	BRL	BRL	BRL	BRL	0.017	BRL	BRL	--
	4/18-19/00	BRL	BRL	0.014	0.011	BRL	BRL	BRL	BRL	BRL	BRL	0.014	BRL	BRL	--
	10/16/2000	BRL	BRL	0.013	0.014	BRL	BRL	BRL	0.011	BRL	BRL	BRL	BRL	BRL	--
	4/10/01	BRL	BRL	0.037	0.033	BRL	BRL	0.047	BRL	BRL	BRL	BRL	BRL	0.014	--
	11/7-8/01	BRL	BRL	0.030	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	0.01	--
	4/16-17/02	BRL	BRL	0.021	0.015	BRL	BRL	BRL	BRL	BRL	BRL	0.02	BRL	0.035	--
	10/30-31/02	0.005 U	0.005 U	0.013	0.012	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.011	--
	4/21-24/03	0.005 U	0.005 U	0.0065 J	0.038	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.0087 J	--
	10/14-16/03	0.005 U	0.005 U	0.0220	0.022	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.011	--
	4/20-21/04	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.0953	--
	10/18-20/04	0.005 U	0.005 U	0.0248	0.0468	0.005 U	0.005 U	0.005 U	0.00745	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	--
	4/26-27/05	0.005 U	0.005 U	0.0649	0.0114	0.005 U	0.005 U	0.005 U	0.0476	0.005 U	0.005 U	0.001 J	0.005 U	0.005 U	--
	11/2-4/05	0.001 U	0.001 U	0.0136	0.0212	0.001 U	0.001 U	0.001 U	0.0043 J	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	--
	5/30-6/2/06	0.0006 U	0.0006 U	0.0305	0.0066	0.0006 U	0.0011 J	0.0006 U	0.0018 J	0.0006 U	0.0006 U	0.0027 J	0.0006 U	0.0006 U	--
	10/23-11/9/06	0.005 U	0.005 U	0.0395	0.0318	0.005 U	0.005 U	0.005 U	0.0533	0.005 U	0.005 U	0.142	0.005 U	0.005 U	--
	3/5-8/07	0.005 U	0.005 U	0.005 UJ	0.005 UJ	0.005 U	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	0.0057 J	0.005 U	0.005 U	--
	11/5-9/07	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	0.005 U	0.005 UJ	0.005 UJ	0.005 U	0.005 U	0.01 U	0.005 U	0.005 U	--
	4/1-3/08	0.005 U	0.005 U	0.005 U	0.0084 J	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.0091 J	0.005 U	0.031	--
	10/27-30/08	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.0085 J	0.005 U	0.005 U	0.005 U	0.005 U	0.015	--

Table 4. Current and Historical Analytical Results
Union Carbide Corporation,
Woodbine, Camden County, Georgia



Constituent GWPS	Sample Dates	MW-1	MW-37	MW-6	MW-7	MW-8	MW-34	MW-38	MW-39	MW-17	MW-18	MW-20	MW-21	MW-23	MW-23A
		Upgradient	Upgradient	POC	POC	POC	POC	POC	POC	Todd Creek	Todd Creek	Todd Creek	Todd Creek	Todd Creek	Todd Creek
		Shallow	Deep	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Deep	Shallow	Deep	Shallow	Shallow
Cyanide (continued) 0.20	3/16-19/09	0.005 U	0.005 U	0.0057 J	0.005 UJ	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	--
	9/14-17/09	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.0083 J	0.005 U	0.005 U	0.005 U	0.005 U	0.021	--
	3/29-4/1/10	0.005 U	0.005 U	0.005 U	0.0058 J	0.005 U	0.0068 J	0.005 U	0.005 U	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	--
	10/5-7/10	0.005 U	0.005 U	0.005 U	0.022	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.0079 J	0.005 U	0.0092 J	--
	3/22-24/11	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.012	--
	9/27-29/11	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	--
	3/20-22/12	0.005 U	0.0055 J	0.013	0.009 J	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.015	--
	9/25-27/12	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	--
	3/25-28/13	0.005 U	0.005 U	0.005 U	0.0051 J	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.0062 J	0.0059 J	0.005 U	--
	9/24-26/13	0.005 U	0.005 U	0.005 U	0.0055 J	0.005 U	0.010	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.012	0.005 U	--
	3/25-27/14	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.0059 J	0.012	0.005 U	--
	9/23-26/14	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.0066 J	0.005 U	--
	3/24-26/15	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	0.0051 J	0.0099 J	0.005 U	0.005 U	--
	9/22-24/15	0.005 U	0.005 U	0.005 UJ	0.005 UJ	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	--
	3/22-24/16	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.01 U	0.01 U	0.005 U	0.005 U	0.005 U	--
	9/27-29/16	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	--
	3/28-30/17	0.005 U	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	--
	9/26-28/17	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	--
	3/20-22/18	0.005 U	0.005 U	0.0075 J	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.0054 J	0.005 U	0.005 U	--
	9/25-27/18	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.01 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	--
	3/19-21/19	0.005 U	0.005 U	0.005 U	0.0068 J	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	--
	9/10-12/19	0.005 UJ	0.005 U	0.01 U	0.005 UJ	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0050 UJ	--
	6/9-11/20	0.0050 U	0.0050 UJ	0.0050 UJ	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	--
	11/2-5/20	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	--
	3/23-25/21	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	--
	9/21-23/21	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	ABANDONED	--
	3/22-24/22	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	ABANDONED	0.0050 U
	9/26-28/22	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	ABANDONED	0.0050 U
Fluoride 4.0	10/30-31/02	--	--	--	0.066 J	0.092 J	--	--	0.058 J	--	--	--	--	--	--
	10/14-16/03	--	--	--	0.04 U	0.04 U	--	--	0.04 U	--	--	--	--	--	--
	11/3/05	--	--	--	0.055 U	0.217	--	--	0.055 U	--	--	--	--	--	--
	1/19/06	--	--	--	--	0.206	--	--	--	--	--	--	--	--	--
	10/23-11/9/06	0.05 U	0.0762 J	0.05 U	0.05 U	0.05 U	0.05 U	0.05 UJ	0.05 U	0.05 U	0.228	0.05 U	0.348	0.05 U	--
	3/5-8/07	0.0265 U	0.0761 J	0.0275 U	0.0275 U	0.028 U	0.026 U	0.027 U	0.028 U	0.027 U	0.176	0.0265 U	0.298	0.0265 U	--
	11/5-9/07	0.027 U	0.101	0.027 U	0.0265 U	0.0368 J	0.0323 J	0.0275 U	0.028 U	0.028 U	0.196	0.0265 U	0.269	0.027 U	--
	4/1-3/08	0.027 U	0.068 J	0.028 U	0.027 U	0.028 U	0.027 U	0.03 J	0.027 U	0.027 U	0.17	0.027 U	0.29	0.026 U	--
	10/27-30/08	0.028 U	0.06 J	0.026 U	0.027 U	0.028 U	0.027 U	0.029 J	0.028 U	0.028 U	0.15	0.028 U	0.28	0.028 U	--
	3/16-19/09	0.028 U	0.033 J	0.027 U	0.027 U	0.029 U	0.027 U	0.029 U	0.027 U	0.028 U	0.13	0.027 U	0.26	0.028 U	--
	9/14-17/09	0.028 U	0.049 U	0.027 U	0.029 U	0.028 U	0.028 U	0.029 U	0.029 U	0.028 U	0.17 U	0.028 U	0.29	0.028 U	--
	3/29-4/1/10	0.029 U	0.061 J	0.027 U	0.028 U	0.027 U	0.028 U	0.027 U	0.027 U	0.027 U	0.2	0.028 U	0.32	0.027 U	--
	10/5-7/10	0.026 U	0.05 U	0.027 U	0.028 U	0.026 U	0.044 J	0.026 U	0.028 U	0.028 U	0.19 U	0.027 U	0.3	0.027 U	--
	3/22-24/11	0.026 U	0.22 U	0.028 U	0.087 U	0.027 U	0.027 U	0.027 U	0.031 U	0.028 U	0.2	0.026 UJ	0.27	0.041 J	--
	9/27-29/11	0.027 U	0.06 J	0.028 U	0.027 U	0.028 U	0.027 U	0.028 U	0.027 U	0.028 U	0.19	0.027 U	0.29	0.028 U	--
	3/20-22/12	0.027 U	0.054 J	0.028 U	0.028 U	0.028 U	0.027 U	0.039 U	0.027 U	0.027 U	0.2	0.029 U	0.31	0.032 J	--
	9/25-27/12	0.028 U	0.054 J	0.027 U	0.028 U	0.21	0.028 U	0.028 U	0.028 U	0.028 U	0.25	0.028 U	0.33	0.027 U	--
	3/25-28/13	0.027 U	0.045 J	0.028 U	0.026 UJ	0.027 U	0.027 U	0.027 U	0.028 U	0.027 U	0.18	0.027 U	0.28	0.027 U	--
	9/24-26/13	0.028 U	0.057 J	0.028 U	0.028 U	0.027 U	0.029 U	0.029 U	0.029 U	0.028 U	0.2	0.028 U	0.31	0.028 U	--
	3/25-27/14	0.027 U	0.055 J	0.028 U	0.027 U	0.029 U	0.028 U	0.028 U	0.028 U	0.027 U	0.21	0.028 U	0.28	0.028 U	--
	9/23-26/14	0.029 U	0.055 J	0.027 U	0.027 U	0.027 U	0.028 U	0.028 U	0.027 U	0.027 U	0.21	0.028 J	0.26	0.028 U	--
	3/24-26/15	0.028 U	0.037 J	0.028 U	0.028 U	0.028 U	0.027 U	0.027 U	0.027 U	0.027 U	0.21	0.028 U	0.28	0.029 U	--

Table 4. Current and Historical Analytical Results
Union Carbide Corporation,
Woodbine, Camden County, Georgia



Constituent GWPS	Sample Dates	MW-1	MW-37	MW-6	MW-7	MW-8	MW-34	MW-38	MW-39	MW-17	MW-18	MW-20	MW-21	MW-23	MW-23A
		Upgradient	Upgradient	POC	POC	POC	POC	POC	POC	Todd Creek	Todd Creek	Todd Creek	Todd Creek	Todd Creek	Todd Creek
		Shallow	Deep	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Deep	Shallow	Deep	Shallow	Shallow
Fluoride (continued) 4.0	9/22-24/15	0.027 U	0.029 J	0.028 U	0.029 U	0.029 U	0.028 U	0.028 U	0.028 U	0.027 U	0.21	0.028 U	0.29	0.027 U	--
	3/22-24/16	0.028 U	0.047 J	0.028 U	0.028 UJ	0.028 U	0.028 U	0.028 J	0.027 U	0.027 U	0.21	0.028 U	0.27	0.027 U	--
	9/27-29/16	0.027 U	0.027 J	0.028 U	0.026 UJ	0.028 U	0.028 U	0.029 U	0.028 U	0.027 U	0.22	0.3	0.027 U	0.029 U	--
	3/28-30/17	0.027 U	0.028 J	0.027 U	0.028 U	0.027 U	0.027 U	0.029 U	0.028 U	0.028 U	0.21	0.028 U	0.28	0.028 U	--
	9/26-28/17	0.029 U	0.037 J	0.027 U	0.028 U	0.028 U	0.028 U	0.028 U	0.028 U	0.028 U	0.21	0.028 U	0.29	0.029 U	--
	3/20-22/18	0.027 U	0.036 J	0.027 J	0.027 U	0.028 U	0.027 U	0.028 U	0.028 U	0.027 U	0.19	0.028 U	0.27	0.028 U	--
	9/25-27/18	0.028 U	0.028 J	0.029 U	0.029 U	0.028 U	0.028 U	0.027 U	0.028 U	0.028 U	0.22	0.028 U	0.3	0.028 U	--
	3/19-21/19	0.028 U	0.027 J	0.027 U	0.029 U	0.027 U	0.027 U	0.027 U	0.028 U	0.027 U	0.21	0.027 U	0.27	0.028 U	--
	9/10-12/19	0.028 U	0.037 J	0.028 U	0.028 U	0.029 U	0.028 U	0.028 U	0.029 U	0.028 U	0.21	0.027 U	0.26	0.029 U	--
	6/9-11/20	0.027 U	0.037 J	0.029 U	0.028 U	0.029 U	0.028 U	0.027 U	0.029 U	0.029 U	0.21	0.029 U	0.27	0.029 U	--
	11/2-5/20	0.030 U	0.027 J	0.028 U	0.028 U	0.029 U	0.028 U	0.027 U	0.028 U	0.027 U	0.20	0.029 U	0.27	0.029 U	--
	3/23-25/21	0.028 U	0.028 J	0.029 U	0.029 U	0.029 U	0.028 U	0.027 J	0.028 U	0.026 U	0.20	0.029 U	0.26	0.027 U	--
	9/21-23/21	0.029 U	0.037 J	0.027 U	0.028 U	0.029 U	0.028 U	0.029 J	0.028 U	0.029 U	0.21	0.027 U	0.27	ABANDONED	--
	3/22-24/22	0.028 U	0.027 J	0.029 U	0.027 U	0.028 U	0.028 U	0.028 J	0.028 U	0.028 U	0.20	0.029 U	0.26	ABANDONED	0.028 U
Sulfide Background	9/26-28/22	0.028 U	0.028 J	0.029 U	0.028 U	0.028 U	0.028 U	0.028 J	0.028 U	0.028 U	0.20	0.028 U	0.18	ABANDONED	0.028 U
	11/24/97	3.1	BRL	45	38	BRL	BRL	11	32	BRL	BRL	2.1	BRL	BRL	--
	3/26/98	0.82	--	0.35	1.0	BRL	BRL	0.49	1.4	--	--	--	--	--	--
	5/28/98	0.35	--	0.40	0.26	BRL	0.14	0.37	0.35	--	--	--	--	--	--
	9/16/98	4.4	--	0.31	25	BRL	0.30	16	31	--	--	--	--	--	--
	11/19/98	2.2	2.4	14	15	BRL	BRL	15	13	BRL	BRL	16	BRL	1.4	1.4
	2/8/99	2.7	--	20	47	BRL	4.2	49	24	--	--	--	--	--	--
	5/11/99	BRL	--	3.3	0.13	BRL	BRL	BRL	0.46	--	--	--	--	--	--
	11/8-9/99	3.0	1.4	54	24	BRL	BRL	140	7.8	BRL	BRL	29	BRL	7.2	--
	4/18-19/00	2.4	1.1	30	14	BRL	BRL	46	4.6	BRL	BRL	43	BRL	6.2	--
	10/16/00	BRL	BRL	85	60	BRL	BRL	73	16	BRL	BRL	BRL	BRL	9.6	--
	4/10/01	1.6	BRL	33	21	BRL	BRL	33	11	BRL	BRL	41	BRL	0.014	--
	11/7-8/01	BRL	0.04 U	29	9.1	BRL	BRL	3.7	9.7	0.04 U	0.04 U	10	0.04 U	3.9	--
	4/16-17/02	BRL	BRL	24	10	BRL	BRL	21	7.3	BRL	BRL	12	BRL	12	--
	10/30-31/02	1.5	0.97 J	17	12	0.8 U	0.8 U	5.8	11	0.8 U	0.8 U	6	0.8 U	14	--
	4/21-24/03	0.8 U	0.8 U	12	12	0.8 U	0.8 U	9.3	9.8	0.8 U	0.8 U	1.5	0.8 U	6.9	--
	10/14-16/03	0.8 U	2.8	23	19	0.8 U	0.8 U	1.9	19	0.88 J	0.8 U	0.8 U	0.8 U	6.3	--
	4/20-21/04	1.79	3.84	128	45.6	0.235	0.53	21.8	33.7	0.05 U	0.05 U	8.98	0.05 U	3.96	--
	10/18-20/04	1.9	2.61	1.03	3.68	0.0789	0.561	7.72	16.2	0.05 U	0.05 U	7.58	0.0732	5.31	--
	4/26-27/05	0.070	2.88	7.54	0.54	0.02 U	0.148	0.218	32.5	0.02 U	0.02 U	0.152	0.02 U	0.029	--
	11/2-4/05	0.137	1.39	0.322	0.22	0.006 U	0.15	0.452	27.8	0.017 J	0.011 J	0.06	0.09	0.006 J	--
	5/30-6/2/06	0.332	0.107	0.775	25.9	0.104	0.345 J	0.351	0.185	0.006 U	0.006 U	0.59	0.012 J	0.008 J	--
	10/23-11/9/06	0.60	1	9.2	3.9 J	0.25 U	0.25 U	1.2	2.8	0.25 U	0.3 J	3.9	0.4	0.25 U	--
	03/5-8/07	2.1	1.3	79.7	48.8	0.25	0.37	8.6	31.4	0.054 U	0.062 J	30.7	0.054 U	0.36	--
	11/5-9/07	1.8	0.76	67.2	24.7	0.13 J	0.43	1.9	19.4	0.054 U	0.054 U	16.3	0.054 U	0.29	--
	4/1-3/08	3.2	1.2	131	73.2	0.24	0.83	7	11.9	0.054 U	0.054 U	38.8	0.062 J	1.7	--
	10/27-30/08	2.0	0.8	127	54.9	0.18	0.70	2.6	38.7	0.054 U	0.054 U	30.6	0.054 U	1.2	--
	3/16-19/09	1.1	0.75	78.7	23.6	0.13 J	0.45	19.3	34.7	0.054 U	0.054 U	27.4	0.054 U	0.75	--
	9/14-17/09	1.7	0.97	82.7	12.4	0.11 J	0.57	0.71	11.6	0.054 U	0.054 U	55.7	0.054 U	7.7	--
	3/29-4/1/10	1.1	1.2	41.0	22.7	0.086 J	0.47	0.13 J	12.4 J	0.054 U	0.054 U	10.8	0.054 U	17.4	--
	10/5-7/10	1.2	1.3	20.5	9.8	0.081 J	0.36	0.22	16.8	0.054 U	0.054 U	8.3	0.054 U	6.4	--
	3/22-24/11	0.93	1.3	36.3	30.9	0.096 J	0.35	16.8	12.4	0.054 U	0.054 U	16.4	0.054 U	3.1	--
	9/27-29/11	1.5	1.5	28.9	28.6	0.23	0.57	0.86	22.4	0.054 U	0.054 U	25.1 J	0.054 U	10	--
	3/20-22/12	0.96	1.6	30.1	39.6	0.2	0.47	6	16.1	0.054 U	0.054 U	40.8	0.054 U	18.1	--
	9/25-27/12	1.2	1.4	38.5	26.1	0.054 U	0.51	0.054 U	20.8	0.054 U	0.054 U	17.1	0.054 U	7	--
	3/25-28/13	0.77	1.4	38.9	28	0.066 J	0.45	0.33	18.9	0.054 U	0.054 U	40.3	0.054 U	11.8	--

Table 4. Current and Historical Analytical Results
Union Carbide Corporation,
Woodbine, Camden County, Georgia



Constituent GWPS	Sample Dates	MW-1	MW-37	MW-6	MW-7	MW-8	MW-34	MW-38	MW-39	MW-17	MW-18	MW-20	MW-21	MW-23	MW-23A
		Upgradient	Upgradient	POC	POC	POC	POC	POC	POC	Todd Creek	Todd Creek	Todd Creek	Todd Creek	Todd Creek	Todd Creek
		Shallow	Deep	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Deep	Shallow	Deep	Shallow	Shallow
Sulfide (continued) Background	9/24-26/13	0.88	1.3	48.2	29.1	0.15 J	0.43	0.054 U	22.1	0.062 J	0.054 U	30	0.078 J	26.5	--
	3/25-27/14	0.28	0.16 J	37.3	28	0.19	0.42	0.054 U	15.2	0.054 U	0.054 U	30.5 J	0.054 U	10	--
	9/23-26/14	0.94	1.3	17.1	16.8	0.079 J	0.42	1.5	13.5	0.063 J	0.054 U	8.8 J	0.061 J	22.1	--
	3/24-26/15	0.78	0.96	17.0	19.1	0.12 J	0.36	0.054 U	10.4	0.077 J	0.054 U	15.2	0.054 U	27.2	--
	9/22-24/15	0.75	0.67	24.7	20.5 J	0.14 J	0.42	0.054 U	5.9	0.054 U	0.054 U	11.5 J	0.054 U	17	--
	3/22-24/16	0.44	0.81	30.3	16.5 J	0.04 J	0.36	0.03 U	13.6	0.036 J	0.03 U	13.2 J	0.047 J	2.5	--
	9/27-29/16	0.32	0.73	32.5	36.2 JL	0.099 J	0.45	0.03 U	8.1	0.03 U	0.03 U	0.056 J	17.3	1.1	--
	3/28-30/17	0.50	0.84	58.7	37.2 J	0.14	0.48	0.1 U	20.6	0.03 U	0.03 U	31 J	0.11	1.1	--
	9/26-28/17	0.66	1.1	64.7	64.5	0.14	0.46	0.053 U	26.6	0.1 U	0.1	1.8 J	0.13	0.91	--
	3/20-22/18	0.32	0.75	71.7	53.6 J	0.094 J	0.23	0.38	16.0	0.03 U	0.03 U	32.9 J	0.07 J	0.42	--
	9/25-27/18	0.32	0.67	78.7	37.9	0.10 U	0.20 J	0.1 U	15.7	0.1 U	0.1 U	32.4	0.1 U	0.85	--
	3/19-21/19	0.29 J	0.34	29.4	40.6	0.1 U	0.18 J	0.1 U	13.0	0.1 U	0.1 U	15.5	0.1 U	0.51 J	--
	9/10-12/19	0.66	0.26 J	1.9	8.8	0.33	0.26 J	0.1 U	7	0.1 U	0.1 U	10.4	0.1 U	0.21 J	--
	6/9-11/20	1.4	0.57	76 J	35	0.28 J	0.30 J	0.10 U	9.6 J	0.10 U	0.10 U	1.8	0.11 J	1.6	--
	11/2-5/20	1.3	0.51	51	33	0.10 U	0.26 J	0.10 U	24	0.10 U	0.10 U	3.4	0.10 U	2.0	--
	3/23-25/21	0.71	0.41	45	25	0.29 J	0.32	0.10 U	5.7	0.10 U	0.10 U	2.7	0.10 U	1.4	--
	9/21-23/21	0.67	0.65	1.2	11 J	0.64	0.56	0.10 U	1.4	0.10 U	0.10 U	4.6 J	0.10 U	ABANDONED	--
	3/22-24/22	0.45	0.31	2.4	4.9	0.19 J	0.29 J	0.10 U	5.3	0.10 UJ	0.10 UJ	1.6 J	0.10 UJ	ABANDONED	0.64
	9/26-28/22	0.76	1.3	17	7.9 J	0.12 J	0.52 J	0.10 U	4.4	0.10 U	0.10 U	2.5	0.10 U	ABANDONED	5.2

Table 4. Current and Historical Analytical Results
Union Carbide Corporation,
Woodbine, Camden County, Georgia



Constituent GWPS	Sample Dates	MW-24	MW-24A	MW-25	MW-41	MW-42	MW-10	MW-16	MW-19	MW-22	MW-31	MW-32	MW-33	MW-35	MW-36
		Todd Creek	Todd Creek	Todd Creek	Todd Creek	Todd Creek	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC
		Deep	Deep	Deep	Deep	Shallow	Shallow	Deep	Deep	Deep	Deep	Shallow	Deep	Deep	Shallow
Acetone 12.714	11/24/97	BRL	--	BRL	--	--	0.29	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	3/26/98	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	5/28/98	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/16/98	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/19/98	BRL	--	BRL	--	--	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	2/8/99	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	5/11/99	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/8-9/99	BRL	--	BRL	--	--	0.068	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	4/18-19/00	BRL	--	BRL	--	--	0.11	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	10/16/2000	BRL	--	BRL	--	--	0.1	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	4/10/01	BRL	--	BRL	--	--	0.1	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	11/7-8/01	BRL	--	BRL	--	--	0.026	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	4/16-17/02	BRL	--	BRL	--	--	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	10/30-31/02	0.0099 U	--	0.012 U	--	--	0.032	0.012 U	0.012 U	0.012 U	0.0099 U	0.0099 U	0.012 U	0.012 U	0.012 U
	4/21-24/03	BRL	--	BRL	--	--	0.0086 J	BRL	0.0027 J	0.0034 J	BRL	BRL	BRL	0.0023 U	0.0023 U
	10/14-16/03	0.0025 J	--	0.005 U	--	--	0.011 J	0.005 U	0.005 U	0.0055 J	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
	4/20-21/04	0.0064 U	--	0.0064 U	--	--	0.0064 U	0.0064 U	0.0064 U	0.0064 U	0.0064 U	0.0064 U	0.0064 U	0.0064 U	0.0064 U
	10/18-20/04	0.0064 U	--	0.0064 U	--	--	0.0064 U	0.0064 U	0.0064 U	0.0064 U	0.0064 U	0.0064 U	0.0064 U	0.0064 U	0.0064 U
	4/26-27/05	0.00142 U	--	0.00142 U	--	--	0.00142 U	0.00142 U	0.00142 U	0.00142 U	0.00142 U	0.00142 U	0.00539 J	0.00142 U	0.00142 U
	11/2-4/05	0.00142 U	--	0.00142 U	--	--	0.00142 U	0.00142 U	0.00142 U	0.00142 U	0.00318 J	0.00142 U	0.0158 J	0.00142 U	0.00142 U
	5/30-7/5/06	0.00142 U	--	0.00142 U	0.00142 U	0.00142 U	0.00142 U	0.00142 U	0.00142 U	0.00142 U	0.00142 U	0.00142 U	0.00142 U	0.00142 U	0.00142 U
	10/23-11/9/06	0.0025 UJ	--	0.0025 UJ	0.155 J	0.0025 UJ	0.0025 U	0.0025 UJ	0.0025 UJ	0.0025 UJ	0.0025 UJ	0.0025 UJ	0.0974 J	0.0025 UJ	0.0025 UJ
	1/4/07	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/5-8/07	0.006 U	--	0.006 U	0.16	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.095	0.006 U	0.006 U
	11/5-9/07	0.006 U	--	0.006 U	0.3	0.006 U	0.03 UX	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.097	0.006 U	0.006 U
	1/22/08	--	--	--	--	--	0.006 U	--	--	--	--	--	--	--	--
	4/1-3/08	0.006 U	--	0.006 U	0.17	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.097	0.006 U	0.006 U
	10/27-30/08	0.006 U	--	0.01 J	0.23	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 J	0.006 U	0.086	0.006 U	0.006 U
	3/16-19/09	0.006 U	--	0.012 J	0.25	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.081	0.006 U	0.006 U
	9/14-17/09	0.006 UJ	--	0.012 J	0.23 J	0.006 UJ	0.006 UJ	0.006 UJ	0.006 UJ	0.006 UJ	0.009 J	0.006 UJ	0.084 U	0.006 UJ	0.006 UJ
	3/29-4/1/10	0.006 UJ	--	0.006 J	0.03	0.006 U	0.008 J	0.006 U	0.006 U	0.007 J	0.006 UJ	0.006 UJ	0.03 J	0.006 U	0.006 U
	10/5-7/10	0.006 U	--	0.009 J	0.17	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.032	0.006 U	0.006 U
	3/22-24/11	0.006 UJ	--	0.01 J	0.26 J	0.006 UJ	0.006 UJ	0.006 U	0.006 U	0.006 U	0.006 UJ	0.006 UJ	0.027 J	0.006 U	0.006 U
	9/27-29/11	0.006 U	--	0.006 U	0.18	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 J	0.006 U	0.006 U	0.006 U	0.006 U
	3/20-22/12	0.003 U	--	0.003 U	0.25	0.003 U	0.003 U	0.003 U	0.06 U	0.003 U	0.003 U	0.003 U	0.0037 J	0.003 U	0.003 U
	9/25-27/12	0.003 U	--	0.003 U	0.18	0.003 U	0.006 U	0.003 U	0.03 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U
	3/25-28/13	0.003 U	--	0.003 U	0.15	0.003 UJ	0.003 UJ	0.003 U	0.011	0.003 UJ	0.003 U	0.003 U	0.003 U	0.003 UJ	0.003 UJ
	9/24-26/13	0.003 U	--	0.003 U	0.23	0.003 U	0.003 U	0.003 U	0.0064	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U
	3/25-27/14	0.003 U	--	0.003 U	0.17	0.003 U	0.003 U	0.003 U	0.0086	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U
	9/23-26/14	0.003 U	--	0.003 U	0.25	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U
	3/24-26/15	0.003 U	--	0.003 U	0.2	0.003 U	0.006 U	0.003 U	0.0052	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U
	9/22-24/15	0.003 U	--	0.003 U	0.24	0.003 U	0.006 U	0.003 U	0.0038 J	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U
	3/22-24/16	0.003 U	--	0.003 U	0.2	0.003 U	0.006 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U
	9/27-29/16	0.003 U	--	0.003 U	0.2	0.003 U	0.006 U	0.003 U	0.0083	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U
	3/28-30/17	0.003 U	--	0.003 U	0.2	0.003 U	0.0079 J	0.003 UJ	0.022	0.003 U	0.003 U	0.003 U	0.003 UJ	0.003 U	0.003 U
	9/26-28/17	0.003 U	--	0.003 U	0.047	0.003 U	0.006 U	0.003 U	0.0043 J	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U
	3/20-22/18	0.003 U	--	0.003 U	0.059	0.003 U	0.003 U	0.003 U	0.0043 J	0.003 U	0.003 U	0.003 U	0.006 U	0.003 U	0.003 U
	9/25-27/18	0.0013 J	--	0.0011 U	0.048	0.0011 U	0.0022 UJ	0.0011 U	0.0048 J	0.0011 U	0.0011 U	0.0012 J	0.0037 J	0.0011 U	0.0011 U
	3/19-21/19	0.005 UB	--	0.005 UB	0.037	0.005 UB	0.0057 UB	0.005 UB	0.0072 UBJ	0.005 UBJ	0.005 UB	0.005 UB	0.005 UB	0.005 UB	0.005 UB

Table 4. Current and Historical Analytical Results

Union Carbide Corporation,
Woodbine, Camden County, Georgia



Constituent GWPS	Sample Dates	MW-24	MW-24A	MW-25	MW-41	MW-42	MW-10	MW-16	MW-19	MW-22	MW-31	MW-32	MW-33	MW-35	MW-36
		Todd Creek	Todd Creek	Todd Creek	Todd Creek	Todd Creek	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC
		Deep	Deep	Deep	Deep	Shallow	Shallow	Deep	Deep	Deep	Deep	Shallow	Deep	Deep	Shallow
Acetone (continued) 12.714	9/10-12/19	--	--	0.0011 U	0.029	0.0011 U	0.0011 U	0.0021 J	0.005 UB	0.0018 J	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
	6/9-11/20	--	--	0.0050 UB	0.011	0.0050 UB	0.0050 UB	0.00090 U	0.0025 J	0.0050 UB	0.00090 U	0.0050 UB	0.0050 UB	0.0015 J	0.0012 J
	11/2-5/20	--	--	0.0050 UB	0.01	0.0010 J	0.0050 UB	0.0031 J	0.0019 J	0.0050 UB	0.00096 J	0.00090 U	0.0050 UB	0.0050 UB	0.0050 UB
	3/23-25/21	--	--	0.00090 U	0.01	0.0050 UB	0.01 UB	0.0042 J	0.0050 UB	0.0016 J	0.00090 U	0.00090 U	0.0032 J	0.0050 UB	0.00090 U
	9/21-23/21	ABANDONED	--	0.00090 U	0.0070	0.00090 U	0.0010 J	0.00090 U	0.0013 J	0.00090 U	0.00094 J	0.00090 U	0.00090 U	0.0016 J	0.00090 U
	3/22-24/22	ABANDONED	0.0016 J	0.00090 U	0.0047 J	0.00090 U	0.00090 U	0.00090 U	0.00090 U	0.00094 J	0.00090 U	0.0010 J	0.00090 U	0.00090 U	0.00090 U
	9/26-28/22	ABANDONED	0.0010 U	0.0010 U	0.0062	0.0010 U	0.05 U	0.0010 U	0.0010 J	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U
Acetonitrile 0.257	11/24/97	BRL	--	BRL	--	--	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	3/26/98	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	5/28/98	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/16/98	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/19/98	BRL	--	BRL	--	--	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	2/8/99	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	5/11/99	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/8-9/99	BRL	--	BRL	--	--	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	4/18-19/00	0.2 U	--	0.2 U	--	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	10/16/2000	0.2 U	--	0.2 U	--	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	4/10/01	0.2 U	--	0.2 U	--	--	0.32	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	11/7-8/01	0.2 U	--	0.2 U	--	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	4/16-17/02	0.2 U	--	0.2 U	--	--	0.25	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	10/30-31/02	0.2 U	--	0.2 U	--	--	0.25	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	4/21-24/03	0.2 U	--	0.2 U	--	--	0.16 J	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	10/14-16/03	0.04 U	--	0.04 U	--	--	0.14	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
	4/20-21/04	0.2 U	--	0.2 U	--	--	0.18 J	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	10/18-20/04	0.1 U	--	0.2 U	--	--	0.057 J	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	4/26-27/05	0.025 U	--	0.025 U	--	--	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
	11/2-4/05	0.00286 UJ	--	0.00286 UJ	--	--	0.00286 U	0.00286 U	0.00286 U	0.00286 U	0.00286 UJ	0.00286 UJ	0.00286 U	0.00286 UJ	0.00286 UJ
	5/30-7/5/06	0.00286 U	--	0.00286 U	0.00286 UJ	0.177	0.00286 U	0.00286 U	0.00286 U	0.00286 U	0.00286 U	0.00286 U	0.00286 U	0.00286 U	0.00286 U
	10/23-11/9/06	0.05 U	--	0.05 U	0.05 U	0.05 U	0.05 UJ	0.05 U	0.05 U	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ
	1/4/07	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/5-8/07	0.025 U	--	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
	11/5-9/07	0.025 U	--	0.025 U	0.025 U	0.025 U	0.13 UX	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
	1/22/08	--	--	--	--	--	0.025 U	--	--	--	--	--	--	--	--
	4/1-3/08	0.025 U	--	0.025 U	0.025 U	0.025 U	0.038 J	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
	10/27-30/08	0.025 U	--	0.025 U	0.025 U	0.025 U	0.34	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
	3/16-19/09	0.025 U	--	0.025 U	0.036 J	0.025 U	0.22	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
	9/14-17/09	0.025 U	--	0.025 U	0.025 U	0.025 U	0.094 J	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
	3/29-4/1/10	0.025 U	--	0.025 U	0.025 U	0.025 U	0.11 J	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
	10/5-7/10	0.025 U	--	0.025 U	0.025 U	0.025 U	0.051 J	0.025 U	0.025 U	0.025 UJ	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
	3/22-24/11	0.025 U	--	0.025 U	0.025 U	0.025 U	0.05 J	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
	9/27-29/11	0.025 U	--	0.025 U	0.025 U	0.025 U	0.1	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
	3/20-22/12	0.007 U	--	0.007 U	0.017 J	0.007 U	0.15	0.007 U	0.14 U	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U
	9/25-27/12	0.007 U	--	0.007 U	0.011 J	0.007 U	0.13	0.007 U	0.094 J	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U
	3/25-28/13	0.007 U	--	0.007 U	0.011 J	0.007 U	0.1 J	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U
	9/24-26/13	0.007 U	--	0.007 U	0.012 J	0.007 U	0.035 J	0.007 U	0.009 J	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U
	3/25-27/14	0.007 U	--	0.007 U	0.011 J	0.007 U	0.035	0.007 U	0.0092 J	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U
	9/23-26/14	0.007 UJ	--	0.007 UJ	0.0099 J	0.007 U	0.01 J	0.007 U	0.007 UJ	0.007 UJ	0.007 U	0.007 U	0.007 UJ	0.007 UJ	0.007 UJ
	3/24-26/15	0.007 U	--	0.007 U	0.007 U	0.007 U	0.014 U	0.007 U	0.012 J	0.007 U	0.0098 J	0.007 U	0.007 U	0.007 U	0.007 U
	9/22-24/15	0.007 U	--	0.007 U	0.014 J	0.007 U	0.014 U	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U
	3/22-24/16	0.007 UJ	--	0.007 U	0.007 U	0.007 UJ	0.014 U	0.007 U	0.007 U	0.007 U	0.007 UJ	0.007 UJ	0.007 U	0.007 U	0.007 U
	9/27-29/16	0.007 U	--	0.007 U	0.0099 J	0.007 U	0.014 U	0.007 U	0.007 U	0.007 U	0.011 J	0.007 U	0.007 U	0.007 U	0.007 U

Table 4. Current and Historical Analytical Results
Union Carbide Corporation,
Woodbine, Camden County, Georgia



Constituent GWPS	Sample Dates	MW-24	MW-24A	MW-25	MW-41	MW-42	MW-10	MW-16	MW-19	MW-22	MW-31	MW-32	MW-33	MW-35	MW-36
		Todd Creek	Todd Creek	Todd Creek	Todd Creek	Todd Creek	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC
		Deep	Deep	Deep	Deep	Shallow	Shallow	Deep	Deep	Deep	Deep	Shallow	Deep	Deep	Shallow
Acetonitrile (continued) 0.257	3/28-30/17	0.007 U	--	0.007 U	0.0077 J	0.007 U	0.014 U	0.007 U	0.007 U	0.007 U	0.011 J	0.007 U	0.007 U	0.007 U	0.007 U
	9/26-28/17	0.007 U	--	0.007 U	0.007 U	0.007 U	0.014 U	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U
	3/20-22/18	0.007 U	--	0.007 U	0.014 U	0.007 U	0.007 UJ	0.007 U	0.0096 J	0.007 U	0.007 U	0.007 U	0.014 U	0.007 U	0.007 U
	9/25-27/18	0.0039 U	--	0.0039 U	0.0039 U	0.0039 U	0.0078 UJ	0.0039 U	0.0039 U	0.0039 U	0.0039 U	0.0039 U	0.0039 UJ	0.0039 U	0.0039 U
	3/19-21/19	0.0039 U	--	0.0039 U	0.0043 J	0.0039 U	0.0061 J	0.0039 U	0.0039 UJ	0.0039 U	0.0044 J	0.0039 U	0.0039 U	0.0039 U	0.0039 U
	9/10-12/19	--	--	0.0039 U	0.0039 U	0.0039 U	0.0039 U	0.0039 U	0.0039 U	0.0039 U	0.0039 U	0.0039 U	0.0039 U	0.0039 U	0.0039 U
	6/9-11/20	--	--	0.0030 U	0.0030 U	0.0030 U	0.0070 J	0.0030 U	0.0030 U	0.0030 U	0.0030 U	0.0030 U	0.0030 U	0.0030 U	0.0030 U
	11/2-5/20	--	--	0.0030 U	0.0050 J	0.0030 U	0.0048 J	0.0030 U	0.0030 U	0.0030 U	0.0048 J	0.0030 U	0.0030 U	0.0030 U	0.0030 U
	3/23-25/21	--	--	0.0030 U	0.0070 J	0.0030 U	0.0060 U	0.0050 J	0.0030 U	0.0030 U	0.0049 J	0.0030 U	0.0030 U	0.0030 U	0.0030 U
	9/21-23/21	ABANDONED	--	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U
Methyl Ethyl Ketone 6.549	3/22-24/22	ABANDONED	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U
	9/26-28/22	ABANDONED	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.25 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U
	11/24/97	0.034	--	BRL	--	--	0.11	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	3/26/98	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	5/28/98	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/16/98	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/19/98	BRL	--	BRL	--	--	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	2/8/99	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	5/11/99	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/8-9/99	BRL	--	BRL	--	--	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	4/18-19/00	0.005 U	--	0.005 U	--	--	BRL	BRL	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
	10/16/00	BRL	--	BRL	--	--	0.03	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	4/10/01	BRL	--	BRL	--	--	0.025	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	11/7-8/01	BRL	--	BRL	--	--	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	4/16-17/02	BRL	--	0.005 U	--	--	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	10/30-31/02	0.011 U	--	0.011 U	--	--	0.011 U	0.011 U	0.011 U	0.011 U	0.011 U	0.011 U	0.011 U	0.011 U	0.011 U
	4/21-24/03	BRL	--	BRL	--	--	0.0016 J	BRL	BRL	0.00048 U	BRL	BRL	BRL	0.00048 U	0.00048 U
	10/14-16/03	0.01 U	--	0.01 U	--	--	0.0014 J	0.0014 J	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
	4/20-21/04	0.0019 U	--	0.0019 U	--	--	0.0019 U	0.0019 U	0.0019 U	0.0019 U	0.0019 U	0.0019 U	0.0019 U	0.0019 U	0.0019 U
	10/18-20/04	0.02 U	--	0.0019 U	--	--	0.0019 U	0.0019 U	0.0019 U	0.0019 U	0.0019 U	0.0019 U	0.0019 U	0.0019 U	0.0019 U
	4/26-27/05	0.005 U	--	0.005 U	--	--	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
	11/2-4/05	0.000429 U	--	0.000429 U	--	--	0.000429 U	0.000429 U	0.000429 U	0.000429 U	0.000429 U	0.000429 U	0.00416 J	0.000429 U	0.000429 U
	1/19/06	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	5/30-7/5/06	0.000429 U	--	0.000429 U	0.000429 U	0.000429 U	0.000429 U	0.000429 U	0.000429 U	0.000429 U	0.000429 U	0.000429 U	0.000429 U	0.000429 U	0.000429 U
	10/23-11/9/06	0.0025 U	--	0.0025 U	0.116	0.0025 U	0.0025 U	0.0025 UJ	0.0025 U	0.0025 UJ	0.0025 U	0.0025 U	0.0634	0.0025 UJ	0.0025 UJ
	1/4/07	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/5-8/07	0.003 U	--	0.003 U	0.14	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.056	0.003 U	0.003 U
	11/5-9/07	0.003 U	--	0.003 U	0.2	0.003 U	0.015 UX	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.043	0.003 U	0.003 U
	1/22/08	--	--	--	--	--	0.003 U	--	--	--	--	--	--	--	--
	4/1-3/08	0.003 U	--	0.003 U	0.12	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.058	0.003 U	0.003 U
	10/27-30/08	0.003 U	--	0.003 U	0.14	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.048	0.003 U	0.003 U
	3/16-19/09	0.003 U	--	0.003 U	0.16	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.042	0.003 U	0.003 U
	9/14-17/09	0.003 U	--	0.003 U	0.14	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.027	0.003 U	0.003 U
	3/29-4/1/10	0.003 U	--	0.003 U	0.015	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.013	0.003 U	0.003 U
	10/5-7/10	0.003 U	--	0.003 U	0.086	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.009 J	0.003 U	0.003 U
	3/22-24/11	0.003 U	--	0.003 U	0.11 J	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.007 J	0.003 U	0.003 U
	9/27-29/11	0.003 U	--	0.003 U	0.1	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U
	3/20-22/12	0.001 U	--	0.001 U	0.14	0.001 U	0.001 U	0.001 U	0.02 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
	9/25-27/12	0.001 U	--	0.001 U	0.19	0.001 U	0.002 U	0.001 U	0.01 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
	3/25-28/13	0.001 U	--	0.001 U	0.11	0.001 U	0.001 UJ	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
	9/24-26/13	0.001 U	--	0.001 U	0.11	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U

Table 4. Current and Historical Analytical Results
Union Carbide Corporation,
Woodbine, Camden County, Georgia



Constituent GWPS	Sample Dates	MW-24	MW-24A	MW-25	MW-41	MW-42	MW-10	MW-16	MW-19	MW-22	MW-31	MW-32	MW-33	MW-35	MW-36
		Todd Creek	Todd Creek	Todd Creek	Todd Creek	Todd Creek	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC
		Deep	Deep	Deep	Deep	Shallow	Shallow	Deep	Deep	Deep	Deep	Shallow	Deep	Deep	Shallow
Methyl Ethyl Ketone (continued) 6.549	3/25-27/14	0.001 U	--	0.001 U	0.12	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
	9/23-26/14	0.001 U	--	0.001 U	0.12	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
	3/24-26/15	0.001 U	--	0.001 U	0.11	0.001 U	0.002 UJ	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 UJ	0.001 U	0.001 U
	9/22-24/15	0.001 U	--	0.001 U	0.12	0.001 U	0.002 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
	3/22-24/16	0.001 U	--	0.001 U	0.099	0.001 U	0.002 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
	9/27-29/16	0.001 U	--	0.001 U	0.099	0.001 U	0.002 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
	3/28-30/17	0.001 U	--	0.001 U	0.081	0.001 U	0.002 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
	9/26-28/17	0.001 U	--	0.001 U	0.038	0.001 U	0.002 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
	3/20-22/18	0.001 U	--	0.001 U	0.016	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	0.001 U
	9/25-27/18	0.0007 U	--	0.0007 U	0.018 J	0.0007 U	0.0014 UJ	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.0007 UJ	0.0007 U	0.0007 U
	3/19-21/19	0.0007 U	--	0.0007 U	0.01	0.0007 U	0.0007 U	0.0007 U	0.0007 UJ	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U
	9/10-12/19	--	--	0.0007 U	0.0055	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U
	6/9-11/20	--	--	0.00060 U	0.0054	0.00060 U	0.00060 U	0.00060 U	0.00060 U	0.00060 U	0.00060 U	0.00060 U	0.00060 U	0.00060 U	0.00060 U
	11/2-5/20	--	--	0.00060 U	0.0026 J	0.00060 U	0.00060 U	0.00060 U	0.00060 U	0.00060 U	0.00060 U	0.00060 U	0.00060 U	0.00060 U	0.00060 U
	3/23-25/21	--	--	0.00060 U	0.0027 J	0.00060 U	0.0012 U	0.00060 U	0.00060 U	0.00060 U	0.00060 U	0.00060 U	0.00060 U	0.00060 U	0.00060 U
	9/21-23/21	ABANDONED	--	0.00060 U	0.00060 U	0.00060 U	0.00060 U	0.00060 U	0.00060 U	0.00060 U	0.00060 U	0.00060 U	0.00060 U	0.00060 U	0.00060 U
	3/22-24/22	ABANDONED	0.00060 U	0.00060 U	0.00060 U	0.00060 U	0.00060 U	0.00060 U	0.00060 U	0.00060 U	0.00060 U	0.00060 U	0.00060 U	0.00060 U	0.00060 U
	9/26-28/22	ABANDONED	0.0010 U	0.0010 U	0.0017 J	0.0010 U	0.05 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U
Carbon Disulfide 0.559	11/24/97	BRL	--	BRL	--	--	0.0099	BRL	BRL	BRL	BRL	BRL	BRL	0.015	BRL
	3/26/98	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	5/28/98	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/16/98	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/19/98	BRL	--	BRL	--	--	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	2/8/99	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	5/11/99	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/8-9/99	BRL	--	BRL	--	--	0.0072	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	4/18-19/00	BRL	--	BRL	--	--	0.0059	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	10/16/00	0.0083	--	BRL	--	--	0.13	BRL	BRL	BRL	0.0093	BRL	BRL	0.0062	BRL
	4/10/01	BRL	--	BRL	--	--	0.031	BRL	BRL	0.01	BRL	BRL	BRL	BRL	BRL
	11/7-8/01	BRL	--	BRL	--	--	0.0093	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	4/16-17/02	BRL	--	BRL	--	--	0.0072	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	10/30-31/02	0.0015 U	--	0.00035 U	--	--	0.013	0.00035 U	0.0019 J	0.00035 U	0.0015 U	0.0015 U	0.00035 U	0.00035 U	0.00035 U
	4/21-24/03	BRL	--	BRL	--	--	0.0038 J	BRL	BRL	0.00072 U	BRL	BRL	BRL	0.00072 U	0.00072 U
	10/14-16/03	0.001 U	--	0.001 U	--	--	0.0042	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
	4/20-21/04	0.00024 U	--	0.00024 U	--	--	0.01	0.00024 U	0.00024 U	0.00024 U	0.00024 U	0.002 J	*0.001	0.00024 U	0.00024 U
	10/18-20/04	0.002 J	--	0.001 J	--	--	0.038	0.017	0.014	0.007	0.00024 U	0.004 J	*0.001	0.005	0.008
	4/26-27/05	0.0908	--	0.00186 J	--	--	0.0511	0.000098 U	0.0104	0.0136	0.00606	0.023	0.000098 U	0.00935	*0.00185
	11/2-4/05	0.000098 U	--	0.000098 U	--	--	0.0031 J	0.000098 U	0.0151	0.000098 U	0.000098 U	0.0105	0.000098 U	0.000098 U	0.000098 U
	5/30-7/5/06	0.000098 U	--	0.000098 U	0.000098 U	0.0106 J	0.000098 U	0.00103 J	0.000098 U	0.000098 U	0.000098 U	0.000098 U	0.000098 U	0.000098 U	0.000098 U
	10/23-11/9/06	0.0005 U	--	0.0005 U	0.00178 J	0.0005 U	0.000949 J	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
	1/4/07	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/5-8/07	0.001 U	--	0.001 U	0.001 J	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
	11/5-9/07	0.001 U	--	0.001 U	0.001 U	0.001 U	0.005 UX	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
	1/22/08	--	--	--	--	--	0.001 U	--	--	--	--	--	--	--	--
	4/1-3/08	0.001 U	--	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
	10/27-30/08	0.001 U	--	0.001 U	0.001 J	0.001 U	0.001 J	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
	3/16-19/09	0.001 U	--	0.001 U	0.003 J	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
	9/14-17/09	0.001 U	--	0.001 U	0.001 J	0.001 U	0.002 J	0.001 U	0.001 U	0.001 J	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
	3/29-4/1/10	0.001 U	--	0.001 U	0.002 J	0.001 U	0.002 J	0.001 U	0.001 U	0.001 J	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
	10/5-7/10	0.001 U	--	0.001 U	0.002 J	0.001 U	0.001 J	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U

Table 4. Current and Historical Analytical Results

Union Carbide Corporation,
Woodbine, Camden County, Georgia



Constituent GWPS	Sample Dates	MW-24	MW-24A	MW-25	MW-41	MW-42	MW-10	MW-16	MW-19	MW-22	MW-31	MW-32	MW-33	MW-35	MW-36
		Todd Creek	Todd Creek	Todd Creek	Todd Creek	Todd Creek	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC
		Deep	Deep	Deep	Deep	Shallow	Shallow	Deep	Deep	Deep	Deep	Shallow	Deep	Deep	Shallow
Carbon Disulfide (continued) 0.559	3/22-24/11	0.001 U	--	0.001 U	0.002 J	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
	9/27-29/11	0.001 U	--	0.001 U	0.002 J	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
	3/20-22/12	0.0005	--	0.0004 U	0.0014	0.0004 U	0.0005 J	0.0004 U	0.008 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U
	9/25-27/12	0.0005 J	--	0.0004 U	0.0011	0.0005 J	0.0008 U	0.0004 U	0.004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U
	3/25-28/13	0.0004 U	--	0.0004 U	0.0024	0.0004 U	0.0006 J	0.0004 J	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U
	9/24-26/13	0.0005	--	0.0004 U	0.0018	0.0004 J	0.001 U	0.0004 U	0.0004 U	0.0004 U	0.0005 J	0.0005 J	0.0004 U	0.0004 U	0.0004 U
	3/25-27/14	0.0011 U	--	0.0009 U	0.0014 U	0.0014 U	0.0009	0.0004 U	0.0004 J	0.0009 U	0.0009 U	0.0008 U	0.0004 U	0.0004 U	0.0004 U
	9/23-26/14	0.0004 U	--	0.0004 U	0.0015	0.0006	0.0011	0.0004 J	0.0004 U	0.0004 U	0.0008	0.0007	0.0004 U	0.0004 U	0.0004 U
	3/24-26/15	0.0004 U	--	0.0004 U	0.0012	0.0004 U	0.0019 J	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U
	9/22-24/15	0.0006 J	--	0.0004 U	0.002	0.0008 J	0.0012 J	0.0004 U	0.0004 U	0.0004 J	0.0004 U	0.0004 U	0.0004 J	0.0005 J	0.0005 J
	3/22-24/16	0.0004 U	--	0.0004 U	0.002	0.0004 U	0.0035	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0025	0.0004 U	0.0004 U
	9/27-29/16	0.0009 J	--	0.0004 U	0.002	0.0023	0.019 J	0.0004 J	0.0004 J	0.0006 J	0.0004 U	0.0004 U	0.0004 U	0.0006 J	0.0005 J
	3/28-30/17	0.0008 J	--	0.0005 J	0.003	0.0006 J	0.0008 U	0.0004 U	0.0004 J	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0005 J
	9/26-28/17	0.0004 U	--	0.0008 J	0.0037	0.0011	0.0008 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U
	3/20-22/18	0.0004 U	--	0.0006 J	0.0026	0.0004 U	0.0004 U	0.0006 J	0.0004 U	0.0009 J	0.0004 U	0.0004 U	0.0008 U	0.0004 U	0.0004 U
	9/25-27/18	0.00009 U	--	0.00009 U	0.0025	0.0002 J	0.0017 J	0.0002 J	0.0002 J	0.00009 U	0.0003 J	0.0001 J	0.0001 J	0.00009 U	0.00009 J
	3/19-21/19	0.0005 J	--	0.0003 J	0.0018 J	0.0006 J	0.0005 J	0.0004 J	0.0005 J	0.00009 U	0.0004 J	0.0004 J	0.0003 J	0.0003 J	0.0004 J
	9/10-12/19	--	--	0.001 UB	0.0029	0.001 UB	0.0013 UB	0.001 UB	0.0005 J	0.001 UB	0.001 UB	0.001 UB	0.001 UB	0.0008 J	0.0006 J
	6/9-11/20	--	--	0.000060 U	0.0019	0.00030 J	0.00027 J	0.000060 U	0.000060 U	0.000060 U	0.000060 U	0.000060 U	0.000060 U	0.000060 U	0.000060 U
	11/2-5/20	--	--	0.000060 U	0.0014	0.0010 UB	0.0010 UB	0.000069 J	0.0010 UB	0.000060 U	0.000060 U	0.000060 U	0.000060 U	0.000060 U	0.000060 U
	3/23-25/21	--	--	0.000060 U	0.0013 J	0.000060 U	0.00037 J	0.00015 J	0.00022 J	0.0010 UB	0.000065 J	0.000060 U	0.0010 UB	0.0010 UB	0.0010 UB
	9/21-23/21	ABANDONED	--	0.000060 U	0.0020	0.000060 U	0.00056 J	0.000060 U	0.000060 U	0.000060 U	0.000060 U	0.000060 U	0.00012 J	0.00014 J	0.000065 J
	3/22-24/22	ABANDONED	0.0010 UB	0.0010 UB	0.0023 UB	0.0010 UB	0.0010 UB	0.0010 UB	0.0010 UB	0.0010 UB	0.0010 UB	0.0010 UB	0.0010 UB	0.00030 J	0.00021 J
	9/26-28/22	ABANDONED	0.00040 J	0.00010 U	0.0029	0.00010 U	0.032 J	0.0030	0.00010 U	0.00034 J	0.00088 J	0.00071 J	0.00044 J	0.00012 J	0.00016 J
Ethylbenzene 0.70	11/24/97	BRL	--	BRL	--	--	0.0058	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	3/26/98	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	5/28/98	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/16/98	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/19/98	BRL	--	BRL	--	--	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	2/8/99	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	5/11/99	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/8-9/99	BRL	--	BRL	--	--	0.0051	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	4/18-19/00	BRL	--	BRL	--	--	0.0055	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	10/16/2000	BRL	--	BRL	--	--	0.0067	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	4/10/01	BRL	--	BRL	--	--	0.006	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	11/7-8/01	BRL	--	BRL	--	--	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	4/16-17/02	BRL	--	0.025 U	--	--	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	10/30-31/02	0.00083 U	--	0.00011 U	--	--	0.0064	0.00011 U	0.00011 U	0.00011 U	0.00083 U	0.00083 U	0.00011 U	0.00011 U	0.00011 U
	4/21-24/03	BRL	--	BRL	--	--	0.0041 J	BRL	BRL	0.00011 U	BRL	BRL	0.00024 J	0.00011 U	0.00011 U
	10/14-16/03	0.001 U	--	0.001 U	--	--	0.0037	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
	4/20-21/04	0.00036 U	--	0.00036 U	--	--	0.006	0.00036 U	0.00036 U	0.00036 U	0.00036 U	0.00036 U	0.00036 U	0.00036 U	0.00036 U
	10/18-20/04	0.00036 U	--	0.00036 U	--	--	0.007	0.00036 U	0.00036 U	0.00036 U	0.00036 U	0.00036 U	0.00036 U	0.00036 U	0.00036 U
	4/26-27/05	0.000227 U	--	0.000227 U	--	--	0.00667	0.000227 U	0.000227 U	0.000227 U	0.000227 U	0.000227 U	0.000227 U	0.000227 U	0.000227 U
	11/2-4/05	0.000227 U	--	0.000227 U	--	--	0.000227 U	0.000227 U	0.000227 U	0.000227 U	0.000227 U	0.000227 U	0.000227 U	0.000227 U	0.000227 U
	5/30-7/5/06	0.000227 U	--	0.000227 U	0.000227 U	0.000227 U	0.000227 U	0.000227 U	0.000227 U	0.000227 U	0.000227 U	0.000227 U	0.000227 U	0.000227 U	0.000227 U
	10/23-11/9/06	0.00025 U	--	0.00025 U	0.00246 J	0.00025 U	0.00187 J	0.00025 U	0.00025 U	0.00025 U	0.00025 U	0.00025 U	0.000326 J	0.00025 U	0.00025 U
	1/4/07	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/5-8/07	0.0008 U	--	0.0008 U	0.003 J	0.0008 U	0.002 J	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U
	11/5-9/07	0.0008 U	--	0.0008 U	0.003 J	0.0008 U	0.004 UX	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.001 J
	1/22/08	--	--	--	--	--	0.001 J	--	--	--	--	--	--	--	--

Table 4. Current and Historical Analytical Results
Union Carbide Corporation,
Woodbine, Camden County, Georgia



Constituent GWPS	Sample Dates	MW-24	MW-24A	MW-25	MW-41	MW-42	MW-10	MW-16	MW-19	MW-22	MW-31	MW-32	MW-33	MW-35	MW-36
		Todd Creek	Todd Creek	Todd Creek	Todd Creek	Todd Creek	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC
		Deep	Deep	Deep	Deep	Shallow	Shallow	Deep	Deep	Deep	Deep	Shallow	Deep	Deep	Shallow
Ethylbenzene (continued) 0.70	4/1-3/08	0.0008 U	--	0.0008 U	0.003 J	0.0008 U	0.002 J	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U
	10/27-30/08	0.0008 U	--	0.0008 U	0.006	0.0008 U	0.014	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U
	3/16-19/09	0.0008 U	--	0.0008 U	0.005 J	0.0008 U	0.014	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U
	9/14-17/09	0.0008 U	--	0.0008 U	0.009	0.0008 U	0.008	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U
	3/29-4/1/10	0.0008 U	--	0.0008 U	0.0008 U	0.0008 U	0.011	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U
	10/5-7/10	0.0008 U	--	0.0008 U	0.003 J	0.0008 U	0.01	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U
	3/22-24/11	0.0008 U	--	0.0008 U	0.003 J	0.0008 U	0.007	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U
	9/27-29/11	0.0008 U	--	0.0008 U	0.002 J	0.0008 U	0.007	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U
	3/20-22/12	0.0001 U	--	0.0001 U	0.0024	0.0001 U	0.0045	0.0001 U	0.002 U	0.0001 U	0.0001 U	0.0001 U	0.0003 J	0.0001 U	0.0001 U
	9/25-27/12	0.0001 U	--	0.0001 U	0.0018	0.0001 U	0.004	0.0001 U	0.001 U	0.0001 U	0.0001 U	0.0001 U	0.0002 J	0.0001 U	0.0001 U
	3/25-28/13	0.0001 U	--	0.0001 U	0.0017	0.0001 U	0.0054 J	0.0001 U	0.0004 J	0.0001 U	0.0001 U	0.0001 U	0.0002 J	0.0001 U	0.0001 U
	9/24-26/13	0.0001 U	--	0.0001 U	0.0014	0.0001 U	0.0061	0.0001 U	0.0003 J	0.0001 U	0.0001 U	0.0001 U	0.0003 J	0.0001 U	0.0001 U
	3/25-27/14	0.0001 U	--	0.0001 U	0.0012	0.0001 U	0.0061	0.0001 U	0.0003 J	0.0001 U	0.0001 U	0.0001 U	0.0002 J	0.0001 U	0.0001 U
	9/23-26/14	0.0001 U	--	0.0001 U	0.0015	0.0001 U	0.0066	0.0001 U	0.0004 J	0.0001 U	0.0001 U	0.0001 U	0.0003 J	0.0001 U	0.0001 U
	3/24-26/15	0.0001 U	--	0.0001 U	0.0014	0.0001 U	0.0045	0.0001 U	0.0004 J	0.0001 U	0.0001 U	0.0001 U	0.0003 J	0.0001 U	0.0001 U
	9/22-24/15	0.0001 U	--	0.0001 U	0.0012	0.0001 U	0.0032	0.0001 U	0.0003 J	0.0001 U	0.0001 U	0.0001 U	0.0002 J	0.0001 U	0.0001 U
	3/22-24/16	0.0001 U	--	0.0001 U	0.0012	0.0001 U	0.003	0.0001 U	0.0002 J	0.0001 U	0.0001 U	0.0001 U	0.0002 J	0.0001 U	0.0001 U
	9/27-29/16	0.0001 U	--	0.0001 U	0.0011	0.0001 U	0.0021	0.0001 U	0.0001 J	0.0001 U	0.0001 U	0.0001 U	0.0001 J	0.0001 U	0.0001 U
	3/28-30/17	0.0001 U	--	0.0001 U	0.0012	0.0001 U	0.0023	0.0001 U	0.0002 J	0.0001 U	0.0001 U	0.0001 U	0.0002 J	0.0001 U	0.0001 U
	9/26-28/17	0.0001 U	--	0.0001 U	0.001	0.0001 U	0.0024	0.0001 U	0.0002 J	0.0001 U	0.0001 U	0.0001 U	0.0002 J	0.0001 U	0.0001 U
	3/20-22/18	0.0001 U	--	0.0001 U	0.0008 J	0.0001 U	0.0035	0.0001 U	0.0004 J	0.0001 U	0.0001 U	0.0001 U	0.0002 J	0.0001 U	0.0001 U
	9/25-27/18	0.00005 U	--	0.00005 U	0.0009	0.00005 U	0.0031 J	0.00005 U	0.0003 J	0.00005 U	0.00005 U	0.00005 U	0.0001 J	0.00005 U	0.00005 U
	3/19-21/19	0.00005 U	--	0.00005 U	0.0009	0.00005 U	0.003	0.00005 U	0.0002 J	0.00005 U	0.00005 U	0.00005 U	0.0002 J	0.00005 U	0.00005 U
	9/10-12/19	--	--	0.00005 U	0.0011	0.00005 U	0.0032	0.00005 U	0.0002 J	0.00005 U	0.00005 U	0.00005 U	0.0002 J	0.00005 U	0.00005 U
	6/9-11/20	--	--	0.000060 U	0.00083	0.000060 U	0.0012	0.000060 U	0.00016 J	0.000060 U	0.000060 U	0.000060 U	0.00014 J	0.000060 U	0.000060 U
	11/2-5/20	--	--	0.000060 U	0.00070	0.000060 U	0.0012	0.000060 U	0.00015 J	0.000060 U	0.000060 U	0.000060 U	0.00013 J	0.000060 U	0.000060 U
	3/23-25/21	--	--	0.000060 U	0.00062 J	0.000060 U	0.0013	0.000060 U	0.00017 J	0.000060 U	0.000060 U	0.000060 U	0.00015 J	0.000060 U	0.000060 U
	9/21-23/21	ABANDONED	--	0.000060 U	0.00070	0.000060 U	0.00073	0.000060 U	0.00013 J	0.000060 U	0.000060 U	0.000060 U	0.00012 J	0.000060 U	0.000060 U
	3/22-24/22	ABANDONED	0.000060 U	0.000060 U	0.0010	0.000060 U	0.00072	0.000060 U	0.00011 J	0.000060 U	0.000060 U	0.000060 U	0.00014 J	0.000060 U	0.000060 U
	9/26-28/22	ABANDONED	0.000080 U	0.000080 U	0.0011	0.000080 U	0.0040 U	0.000080 U	0.000095 J	0.000080 U	0.000080 U	0.000080 U	0.00015 J	0.000080 U	0.000080 U
Methylacrylonitrile 0.0010	11/24/97	BRL	--	BRL	--	--	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	3/26/98	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	5/28/98	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/16/98	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/19/98	BRL	--	BRL	--	--	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	2/8/99	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	5/11/99	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/8-9/99	BRL	--	BRL	--	--	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	4/18-19/00	BRL	--	BRL	--	--	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	10/16/00	BRL	--	BRL	--	--	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	4/10/01	0.01 U	--	0.01 U	--	--	BRL	BRL	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
	11/7-8/01	BRL	--	BRL	--	--	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	4/16-17/02	BRL	--	0.005 U	--	--	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	10/30-31/02	0.0084 U	--	0.0081 U	--	--	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0084 U	0.0084 U	0.0081 U	0.0081 U	0.0081 U
	4/21-24/03	BRL	--	BRL	--	--	0.0017 U	BRL	BRL	0.0029 J	BRL	BRL	BRL	0.0017 U	0.0017 U
	10/14-16/03	0.02 U	--	0.02 U	--	--	0.02 U	0.046	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
	4/20-21/04	0.00095 U	--	0.00095 U	--	--	0.00095 U	0.00095 U	0.00095 U	0.00095 U	0.00095 U	0.00095 U	0.00095 U	0.00095 U	0.00095 U
	10/18-20/04	0.02 U	--	0.00095 U	--	--	0.00095 U	0.00095 U	0.00095 U	0.00095 U	0.00095 U	0.00095 U	0.00095 U	0.00095 U	0.00095 U
	4/26-27/05	0.005 U	--	0.005 U	--	--	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
	11/2-4/05	0.005 U	--	0.005 U	--	--	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U

Table 4. Current and Historical Analytical Results

Union Carbide Corporation,
Woodbine, Camden County, Georgia



Constituent GWPS	Sample Dates	MW-24	MW-24A	MW-25	MW-41	MW-42	MW-10	MW-16	MW-19	MW-22	MW-31	MW-32	MW-33	MW-35	MW-36
		Todd Creek	Todd Creek	Todd Creek	Todd Creek	Todd Creek	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC
		Deep	Deep	Deep	Deep	Shallow	Shallow	Deep	Deep	Deep	Deep	Shallow	Deep	Deep	Shallow
Methylacrylonitrile (continued) 0.0010	5/30-7/5/06	0.005 U	--	0.005 U	0.005 U	0.0332 J	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
	10/23-11/9/06	0.0025 U	--	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 UJ	0.0025 UJ	0.0025 UJ	0.0025 U	0.0025 U
	1/4/07	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/5-8/07	0.01 U	--	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
	11/5-9/07	0.01 U	--	0.01 U	0.01 U	0.01 U	0.05 UX	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
	1/22/08	--	--	--	--	--	0.01 U	--	--	--	--	--	--	--	--
	4/1-3/08	0.01 U	--	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
	10/27-30/08	0.01 U	--	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
	3/16-19/09	0.01 U	--	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
	9/14-17/09	0.01 U	--	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
	3/29-4/1/10	0.01 U	--	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
	10/5-7/10	0.01 U	--	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
	3/22-24/11	0.01 U	--	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
	9/27-29/11	0.01 U	--	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
	3/20-22/12	0.001 U	--	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.02 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
	9/25-27/12	0.001 U	--	0.001 U	0.001 U	0.001 U	0.0006 U	0.001 U	0.01 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
	3/25-28/13	0.0003 U	--	0.0003 U	0.0003 U	0.0003 U	0.0003 UJ	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U
	9/24-26/13	0.0003 U	--	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U
	3/25-27/14	0.0003 U	--	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U
	9/23-26/14	0.0003 U	--	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U
	3/24-26/15	0.0003 U	--	0.0003 U	0.0003 U	0.0003 U	0.0006 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U
	9/22-24/15	0.0003 U	--	0.0003 U	0.0003 U	0.0003 U	0.0006 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U
	3/22-24/16	0.0003 U	--	0.0003 U	0.0003 U	0.0003 U	0.0006 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U
	9/27-29/16	0.0003 U	--	0.0003 U	0.0003 U	0.0003 U	0.0006 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U
	3/28-30/17	0.0003 U	--	0.0003 U	0.0003 U	0.0003 U	0.0006 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U
	9/26-28/17	0.0003 U	--	0.0003 U	0.0003 U	0.0003 U	0.0006 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U
	3/20-22/18	0.0003 U	--	0.0003 U	0.0006 U	0.0003 U	0.0003 UJ	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0006 U	0.0003 U
	9/25-27/18	0.0003 U	--	0.0003 U	0.0003 U	0.0003 U	0.0006 UJ	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 UJ	0.0003 U	0.0003 U
	3/19-21/19	0.0003 U	--	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 UJ	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U
	9/10-12/19	--	--	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U
	6/9-11/20	--	--	0.00030 U	0.00030 U	0.00030 U	0.00030 U	0.00030 U	0.00030 U	0.00030 U	0.00030 U	0.00030 U	0.00030 U	0.00030 U	0.00030 U
	11/2-5/20	--	--	0.00030 U	0.00030 U	0.00030 U	0.00030 U	0.00030 U	0.00030 U	0.00030 U	0.00030 U	0.00030 U	0.00030 U	0.00030 U	0.00030 U
	3/23-25/21	--	--	0.00030 U	0.00060 U	0.00030 U	0.00060 U	0.00030 U	0.00030 U	0.00030 U	0.00030 U	0.00030 U	0.00030 U	0.00030 U	0.00030 U
	9/21-23/21	ABANDONED	--	0.00030 U	0.00030 U	0.00030 U	0.00030 U	0.00030 U	0.00030 U	0.00030 U	0.00030 U	0.00030 U	0.00030 U	0.00030 U	0.00030 U
	3/22-24/22	ABANDONED	0.00030 U	0.00030 U	0.00030 U	0.00030 U	0.00030 U	0.00030 U	0.00030 U	0.00030 U	0.00030 U	0.00030 U	0.00030 U	0.00030 U	0.00030 U
	9/26-28/22	ABANDONED	0.00030 U	0.00030 U	0.00030 U	0.00030 U	0.015 U	0.00030 U	0.00030 U	0.00030 U	0.00030 U	0.00030 U	0.00030 U	0.00030 U	0.00030 U
Methylene Chloride 0.0050	11/24/97	BRL	--	BRL	--	--	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	3/26/98	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	5/28/98	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/16/98	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/19/98	BRL	--	BRL	--	--	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	2/8/99	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	5/11/99	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/8-9/99	BRL	--	BRL	--	--	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	4/18-19/00	BRL	--	BRL	--	--	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	10/16/00	BRL	--	BRL	--	--	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	4/10/01	BRL	--	BRL	--	--	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	11/7-8/01	BRL	--	BRL	--	--	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	4/16-17/02	BRL	--	0.01 U	--	--	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	10/30-31/02	0.00031 U	--	0.00025 U	--	--	0.001 J	0.00025 U	0.00025 U	0.00025 U	0.00025 U	0.00031 U	0.00031 U	0.00092 J	0.00025 U

Table 4. Current and Historical Analytical Results
Union Carbide Corporation,
Woodbine, Camden County, Georgia



Constituent GWPS	Sample Dates	MW-24	MW-24A	MW-25	MW-41	MW-42	MW-10	MW-16	MW-19	MW-22	MW-31	MW-32	MW-33	MW-35	MW-36
		Todd Creek	Todd Creek	Todd Creek	Todd Creek	Todd Creek	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC
		Deep	Deep	Deep	Deep	Shallow	Shallow	Deep	Deep	Deep	Deep	Shallow	Deep	Deep	Shallow
Methylene Chloride (continued) 0.0050	4/21-24/03	BRL	--	BRL	--	--	0.00061 U	BRL	BRL	0.00061 U	BRL	BRL	0.00094 J	0.00061 U	0.00061 U
	10/14-16/03	0.00064 U	--	0.00064 U	--	--	0.00064 U	0.00064 U	0.00064 U	0.00064 U	0.00064 U	0.00064 U	0.0017 J	0.00064 U	0.00064 U
	4/20-21/04	0.00034 U	--	0.00034 U	--	--	0.00034 U	0.00034 U	0.00034 U	0.00034 U	0.00034 U	0.00034 U	0.002 J	0.00034 U	0.00034 U
	10/18-20/04	0.00034 U	--	0.00034 U	--	--	0.00034 U	0.00034 U	0.00034 U	0.00034 U	0.00034 U	0.00034 U	0.0008 J	0.00034 U	0.00034 U
	4/26-27/05	0.000445 U	--	0.000445 U	--	--	0.000445 U	0.000445 U	0.000445 U	0.000445 U	0.000445 U	0.000445 U	0.000445 U	0.000445 U	0.000445 U
	11/2-4/05	0.000445 U	--	0.000445 U	--	--	0.000445 U	0.000445 U	0.000445 U	0.000445 U	0.000445 U	0.000445 U	0.000445 U	0.000445 U	0.000445 U
	5/30-7/5/06	0.00279 J	--	0.000445 U	0.000445 U	0.000445 U	0.000445 U	0.000445 U	0.000445 U	0.000445 U	0.000445 U	0.000445 U	0.00523	0.000445 U	0.000445 U
	10/23-11/9/06	0.00025 U	--	0.00025 U	0.000268 J	0.00025 U	0.00025 U	0.00025 U	0.00025 U	0.00025 U	0.00025 U	0.00025 U	0.00466 U	0.00025 U	0.00025 U
	1/4/07	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/5-8/07	0.002 U	--	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.004 J	0.002 U	0.002 U
	11/5-9/07	0.002 U	--	0.002 U	0.003 J	0.002 U	0.010 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.004 J	0.002 U	0.002 U
	1/22/08	--	--	--	--	--	0.002 U	--	--	--	--	--	--	--	--
	4/1-3/08	0.002 U	--	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.005	0.002 U	0.002 U
	10/27-30/08	0.002 U	--	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.005	0.002 U	0.002 U
	3/16-19/09	0.002 U	--	0.002 U	0.003 J	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.006	0.002 U	0.002 U
	9/14-17/09	0.002 U	--	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.006	0.002 U	0.002 U
	3/29-4/1/10	0.002 U	--	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.006	0.002 U	0.002 U
	10/5-7/10	0.002 U	--	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.007	0.002 U	0.002 U
	3/22-24/11	0.002 U	--	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.007	0.002 U	0.002 U
	9/27-29/11	0.002 U	--	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.005	0.002 U	0.002 U
	3/20-22/12	0.0002 U	--	0.0002 U	0.0003 J	0.0002 U	0.0002 U	0.0002 U	0.004 U	0.0002 U	0.0002 U	0.0002 U	0.0052	0.0002 U	0.0002 U
	9/25-27/12	0.0002 U	--	0.0002 U	0.0002 J	0.0002 U	0.0004 U	0.0002 U	0.002 U	0.0002 U	0.0002 U	0.0002 U	0.0039	0.0002 U	0.0002 U
	3/25-28/13	0.0002 U	--	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0037	0.0002 U	0.0002 U
	9/24-26/13	0.0002 U	--	0.0002 U	0.0002 J	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0034	0.0002 U	0.0002 U
	3/25-27/14	0.0002 U	--	0.0002 U	0.0003 J	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0021	0.0002 U	0.0002 U
	9/23-26/14	0.0002 U	--	0.0002 U	0.0004 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0003 U	0.0002 U	0.0026 U	0.0002 U	0.0002 U
	3/24-26/15	0.0002 U	--	0.0002 U	0.0003 J	0.0002 U	0.0004 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0014	0.0002 U	0.0002 U
	9/22-24/15	0.0002 U	--	0.0002 U	0.0002 J	0.0002 U	0.0004 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0012	0.0002 U	0.0002 U
	3/22-24/16	0.0002 U	--	0.0002 U	0.0002 U	0.0002 U	0.0004 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0005 J	0.0002 U	0.0002 U
	9/27-29/16	0.0002 U	--	0.0002 U	0.0002 U	0.0002 U	0.0004 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
	3/28-30/17	0.0002 U	--	0.0002 U	0.0003 J	0.0002 U	0.0004 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0005 J	0.0002 U	0.0002 U
	9/26-28/17	0.0002 U	--	0.0002 U	0.0004 J	0.0002 U	0.0004 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0003 J	0.0002 U	0.0002 U
	3/20-22/18	0.0002 U	--	0.0002 U	0.0004 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0004 U	0.0002 U	0.0002 U
	9/25-27/18	0.00006 U	--	0.00006 U	0.0005 J	0.00006 U	0.0001 UJ	0.00006 U	0.00006 U	0.00006 U	0.00008 J	0.00006 U	0.0003 J	0.00006 U	0.00006 U
	3/19-21/19	0.00006 U	--	0.00006 U	0.0005 UB	0.00006 U	0.00006 U	0.00006 U	0.00006 U	0.00006 U	0.0005 UB	0.00006 U	0.0005 UB	0.00006 U	0.00006 U
	9/10-12/19	--	--	0.00006 U	0.0005 UB	0.00006 U	0.00006 U	0.00006 U	0.00006 U	0.00006 U	0.0005 UB	0.00006 U	0.0005 UB	0.00006 U	0.00006 U
	6/9-11/20	--	--	0.000070 U	0.00050 UB	0.000070 U	0.000070 U	0.000070 U	0.000070 U	0.000070 U	0.00050 UB	0.000070 U	0.00050 UB	0.000070 U	0.000070 U
	11/2-5/20	--	--	0.000070 U	0.00016 J	0.000070 U	0.000070 U	0.000070 U	0.000070 U	0.000070 U	0.000070 U	0.000070 U	0.00050 UB	0.000070 U	0.000070 U
	3/23-25/21	--	--	0.000070 U	0.0010 UB	0.000070 U	0.00014 U	0.000070 U	0.000070 U	0.000070 U	0.00050 UB	0.000070 U	0.00010 J	0.000070 U	0.000070 U
	9/21-23/21	ABANDONED	--	0.000070 U	0.00019 J	0.000070 U	0.000070 U	0.000070 U	0.000070 U	0.000070 U	0.000070 U	0.000070 U	0.00014 J	0.000070 U	0.000070 U
	3/22-24/22	ABANDONED	0.000070 U	0.000070 U	0.00015 J	0.000070 U	0.000070 U	0.000070 U	0.000070 U	0.000070 U	0.000070 U	0.000070 U	0.00013 J	0.000070 U	0.000070 U
	9/26-28/22	ABANDONED	0.00010 U	0.00010 U	0.00019 J	0.00010 U	0.0050 U	0.00010 U	0.00010 U	0.00010 U	0.00010 U	0.00010 U	0.00015 J	0.00010 U	0.00010 U
Toluene 1.0	11/24/97	BRL	--	BRL	--	--	0.0051	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	3/26/98	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	5/28/98	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/16/98	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/19/98	BRL	--	BRL	--	--	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	2/8/99	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	5/11/99	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/8-9/99	BRL	--	BRL	--	--	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL

Table 4. Current and Historical Analytical Results
Union Carbide Corporation,
Woodbine, Camden County, Georgia



Constituent GWPS	Sample Dates	MW-24	MW-24A	MW-25	MW-41	MW-42	MW-10	MW-16	MW-19	MW-22	MW-31	MW-32	MW-33	MW-35	MW-36
		Todd Creek	Todd Creek	Todd Creek	Todd Creek	Todd Creek	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC
		Deep	Deep	Deep	Deep	Shallow	Shallow	Deep	Deep	Deep	Deep	Shallow	Deep	Deep	Shallow
Toluene (continued) 1.0	4/18-19/00	BRL	--	BRL	--	--	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	10/16/00	BRL	--	BRL	--	--	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	4/10/01	BRL	--	BRL	--	--	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	11/7-8/01	BRL	--	BRL	--	--	0.1 U	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	4/16-17/02	BRL	--	BRL	--	--	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	10/30-31/02	0.00051 U	--	0.00028 U	--	--	0.0057	0.00028 U	0.00028 U	0.00028 U	0.00051 U	0.00051 U	0.00095 J	0.00028 U	0.00028 U
	4/21-24/03	BRL	--	BRL	--	--	0.0036 J	BRL	BRL	0.000065 U	BRL	BRL	BRL	0.000065 U	0.000065 U
	10/14-16/03	0.001 U	--	0.001 U	--	--	0.003	0.00064 J	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
	4/20-21/04	0.00046 U	--	0.00046 U	--	--	0.003 J	0.00046 U	0.00046 U	0.00046 U	0.00046 U	0.00046 U	0.00046 U	0.00046 U	0.00046 U
	10/18-20/04	0.00046 U	--	0.00046 U	--	--	0.002 J	0.00046 U	0.00046 U	0.00046 U	0.00046 U	0.00046 U	0.00046 U	0.00046 U	0.00046 U
	4/26-27/05	0.000213 U	--	0.000213 U	--	--	0.00275 J	0.000213 U	0.000213 U	0.000213 U	0.000213 U	0.000213 U	0.000213 U	0.000213 U	0.000213 U
	11/2-4/05	0.000213 U	--	0.000213 U	--	--	0.00197 J	0.000213 U	0.000213 U	0.000213 U	0.000213 U	0.000213 U	0.000213 U	0.000213 U	0.000213 U
	5/30-6/2/06	0.000213 U	--	0.000213 U	0.000213 U	0.000213 U	0.00138 J	0.000213 U	0.000213 U	0.000213 U	0.000213 UJ	0.000213 U	0.00106 J	0.000213 U	0.000213 U
	10/23-11/9/06	0.00025 U	--	0.00025 U	0.00421 J	0.00025 U	0.00199 J	0.00025 U	0.00025 U	0.00025 U	0.00025 U	0.00025 U	0.00129 J	0.00025 U	0.00025 U
	1/4/07	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	03/5-8/07	0.0007 U	--	0.0007 U	0.006	0.0007 U	0.002 J	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.001 J	0.0007 U	0.0007 U
	11/5-9/07	0.0007 U	--	0.0007 U	0.008	0.0007 U	0.004 UX	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.001 J	0.0007 U	0.0007 U
	1/22/08	--	--	--	--	--	0.002 J	--	--	--	--	--	--	--	--
	4/1-3/08	0.0007 U	--	0.0007 U	0.006	0.0007 U	0.002 J	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.001 J	0.0007 U	0.0007 U
	10/27-30/08	0.0007 U	--	0.0007 U	0.008	0.0007 U	0.003 J	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.001 J	0.0007 U	0.0007 U
	3/16-19/09	0.0007 U	--	0.0007 U	0.009	0.0007 U	0.003 J	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.001 J	0.0007 U	0.0007 U
	9/14-17/09	0.0007 U	--	0.0007 U	0.009	0.0007 U	0.003 J	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.001 J	0.0007 U	0.0007 U
	3/29-4/1/10	0.0007 U	--	0.0007 U	0.002 J	0.0007 U	0.003 J	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.001 J	0.0007 U	0.0007 U
	10/5-7/10	0.0007 U	--	0.0007 U	0.008	0.0007 U	0.003 J	0.0007 UJ	0.0007 UJ	0.0007 U	0.0007 U	0.0007 U	0.002 J	0.0007 U	0.0007 UJ
	3/22-24/11	0.0007 U	--	0.0007 U	0.007	0.0007 U	0.002 J	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.002 J	0.0007 U	0.0007 U
	9/27-29/11	0.0007 U	--	0.0007 U	0.008	0.0007 U	0.003 J	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.002 J	0.0007 U	0.0007 U
	3/20-22/12	0.0001 U	--	0.0001 U	0.0096	0.0001 U	0.0022	0.0001 U	0.002 U	0.0001 U	0.0001 U	0.0001 U	0.0019	0.0001 U	0.0001 U
	9/25-27/12	0.0001 U	--	0.0001 U	0.0097	0.0001 U	0.002	0.0001 U	0.001 U	0.0001 U	0.0001 U	0.0001 U	0.0016	0.0001 U	0.0001 U
	3/25-28/13	0.0001 U	--	0.0001 U	0.0091	0.0001 U	0.0025 J	0.0001 U	0.0002 J	0.0001 U	0.0001 U	0.0001 U	0.0014	0.0001 U	0.0001 U
	9/24-26/13	0.0001 U	--	0.0001 U	0.0097	0.0001 U	0.0019	0.0001 U	0.0003 J	0.0001 U	0.0001 U	0.0001 U	0.0018	0.0001 U	0.0001 U
	3/25-27/14	0.0002 J	--	0.0001 U	0.0097	0.0001 U	0.0024	0.0001 U	0.0003 J	0.0001 U	0.0001 U	0.0001 U	0.0017	0.0001 U	0.0001 U
	9/23-26/14	0.0001 U	--	0.0001 U	0.012	0.0001 U	0.003	0.0001 U	0.0003 J	0.0001 U	0.0001 U	0.0001 U	0.0019	0.0001 U	0.0001 U
	3/24-26/15	0.0001 J	--	0.0001 U	0.013	0.0001 U	0.0031	0.0001 U	0.0003 J	0.0001 U	0.0001 U	0.0001 U	0.0018	0.0001 U	0.0001 U
	9/22-24/15	0.0001 U	--	0.0001 U	0.011	0.0001 U	0.0034	0.0001 U	0.0002 J	0.0001 U	0.0001 U	0.0001 U	0.0021	0.0001 U	0.0001 U
	3/22-24/16	0.0001 U	--	0.0001 U	0.01	0.0001 U	0.0024	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0022	0.0001 U	0.0001 U
	9/27-29/16	0.0001 U	--	0.0001 U	0.0092	0.0001 U	0.0018	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0025	0.0001 U	0.0001 U
	3/28-30/17	0.0001 U	--	0.0001 U	0.01	0.0001 U	0.0027	0.0001 U	0.0001 J	0.0001 U	0.0001 U	0.0001 U	0.0024	0.0001 U	0.0001 U
	9/26-28/17	0.0001 U	--	0.0001 U	0.0078	0.0001 U	0.0025	0.0001 U	0.0001 J	0.0001 U	0.0001 U	0.0001 U	0.0025	0.0001 U	0.0001 U
	3/20-22/18	0.0001 U	--	0.0001 U	0.0057	0.0001 U	0.0023	0.0001 U	0.0004 J	0.0001 U	0.0001 U	0.0001 U	0.003	0.0001 U	0.0001 U
	9/25-27/18	0.00005 U	--	0.00005 U	0.0058	0.00005 U	0.0019 J	0.00005 U	0.0003 J	0.00005 U	0.00005 J	0.0002 J	0.0025 J	0.00005 U	0.00005 U
	3/19-21/19	0.00005 U	--	0.00007 J	0.0046	0.00005 U	0.00005 U	0.00005 U	0.0002 J	0.00005 U	0.00007 J	0.00005 U	0.0023	0.00005 U	0.00005 U
	9/10-12/19	--	--	0.0001 J	0.0052	0.00005 U	0.002	0.00005 U	0.0002 J	0.00005 U	0.00005 U	0.00005 U	0.002	0.00005 U	0.00005 U
	6/9-11/20	--	--	0.000070 U	0.0042	0.000070 U	0.0015	0.00050 UB	0.00020 J	0.00050 UB	0.000070 U	0.000070 U	0.00082	0.000095 J	0.00014 J
	11/2-5/20	--	--	0.000070 U	0.0033	0.000070 U	0.0015	0.000070 U	0.00014 J	0.000070 U	0.000070 U	0.000070 U	0.00039 J	0.000070 U	0.000070 U
	3/23-25/21	--	--	0.000070 U	0.0032	0.000070 U	0.0022	0.00013 J	0.00015 J	0.000070 U	0.000070 U	0.000070 U	0.00033 J	0.000070 U	0.000070 U
	9/21-23/21	ABANDONED	--	0.000070 U	0.0037	0.000070 U	0.0013	0.000070 U	0.00011 J	0.000070 U	0.000070 U	0.000070 U	0.00017 J	0.000070 U	0.000070 U
	3/22-24/22	ABANDONED	0.00012 J	0.000070 U	0.0043	0.00050 UB	0.0013	0.000070 U	0.00012 J	0.00012 J	0.000070 U	0.000070 U	0.00020 J	0.000070 U	0.000070 U
	9/26-28/22	ABANDONED	0.000080 U	0.000080 U	0.0053	0.000080 U	0.0040 U	0.000080 U	0.00011 J	0.000080 U	0.000080 U	0.000080 U	0.00014 J	0.000080 U	0.000080 U
Xylenes 10	9/23/97	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/24/97	BRL	--	BRL	--	--	0.077	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL

Table 4. Current and Historical Analytical Results
Union Carbide Corporation,
Woodbine, Camden County, Georgia



Constituent GWPS	Sample Dates	MW-24	MW-24A	MW-25	MW-41	MW-42	MW-10	MW-16	MW-19	MW-22	MW-31	MW-32	MW-33	MW-35	MW-36
		Todd Creek	Todd Creek	Todd Creek	Todd Creek	Todd Creek	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC
		Deep	Deep	Deep	Deep	Shallow	Shallow	Deep	Deep	Deep	Deep	Shallow	Deep	Deep	Shallow
Xylenes (continued) 10	3/26/98	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	5/28/98	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/19/98	BRL	--	BRL	--	--	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	2/8/99	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	5/11/99	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/8-9/99	BRL	--	BRL	--	--	0.12	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	4/18-19/00	BRL	--	BRL	--	--	0.13	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	10/16/00	BRL	--	BRL	--	--	0.11	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	4/10/01	BRL	--	BRL	--	--	0.11	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	11/7-8/01	BRL	--	BRL	--	--	0.1	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	4/16-17/02	BRL	--	BRL	--	--	0.091	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	10/30-31/02	0.0019 U	--	0.00031 U	--	--	0.14	0.00031 U	0.00031 U	0.00031 U	0.0019 U	0.0019 U	0.00031 U	0.00031 U	0.00031 U
	4/21-24/03	BRL	--	BRL	--	--	0.08	BRL	0.00013 J	0.00028 U	BRL	BRL	BRL	0.00028 U	0.00028 U
	10/14-16/03	0.002 U	--	0.002 U	--	--	0.084	0.0015 J	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
	4/20-21/04	0.00026 U	--	0.00026 U	--	--	0.102	0.00026 U	0.00026 U	0.00026 U	0.00026 U	0.00026 U	0.00026 U	0.00026 U	0.00026 U
	10/18-20/04	0.00079 U	--	0.00079 U	--	--	0.113	0.00079 U	0.00079 U	0.00079 U	0.00079 U	0.00079 U	0.00079 U	0.00079 U	0.00079 U
	4/26-27/05	0.000509 U	--	0.000509 U	--	--	0.11	0.000509 U	0.000509 U	0.000509 U	0.000509 U	0.000509 U	0.000509 U	0.000509 U	0.000509 U
	11/2-4/05	0.000509 U	--	0.000509 U	--	--	0.0577	0.000509 U	0.000509 U	0.000509 U	0.000509 U	0.000509 U	0.000509 U	0.000509 U	0.000509 U
	5/30-6/2/06	0.000509 U	--	0.000509 U	0.000509 U	0.000509 U	0.0428	0.000509 U	0.000509 U	0.000509 U	0.000509 U	0.000509 U	0.000509 U	0.000509 U	0.000509 U
	10/23-11/9/06	0.0005 U	--	0.0005 U	0.00078	0.0005 U	0.0396	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
	1/4/07	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	03/5-8/07	0.0008 U	--	0.0008 U	0.012	0.0008 U	0.042	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U
	11/5-9/07	0.0008 U	--	0.0008 U	0.013	0.0008 U	0.032 X	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.001 J
	1/22/08	--	--	--	--	--	0.038	--	--	--	--	--	--	--	--
	4/1-3/08	0.0008 U	--	0.0008 U	0.01	0.0008 U	0.049	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U
	10/27-30/08	0.0008 U	--	0.0008 U	0.015	0.0008 U	0.076	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U
	3/16-19/09	0.0008 U	--	0.0008 U	0.014	0.0008 U	0.075	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U
	9/14-17/09	0.0008 U	--	0.0008 U	0.014	0.0008 U	0.061	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U
	3/29-4/1/10	0.0008 U	--	0.0008 U	0.005	0.0008 U	0.077	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U
	10/5-7/10	0.0008 U	--	0.0008 U	0.019	0.0008 U	0.056	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U
	3/22-24/11	0.0008 U	--	0.0008 U	0.022	0.0008 U	0.078	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U
	9/27-29/11	0.0008 U	--	0.0008 U	0.021	0.0008 U	0.12	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U
	3/20-22/12	0.0001 U	--	0.0001 U	0.02	0.0001 U	0.086	0.0001 U	0.002 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 J	0.0001 U
	9/25-27/12	0.0001 U	--	0.0001 U	0.017	0.0001 J	0.077	0.0001 U	0.0023 J	0.0001 U	0.0001 U	0.0001 U	0.0001 J	0.0001 U	0.0001 U
	3/25-28/13	0.0001 U	--	0.0001 U	0.022	0.0001 U	0.071 J	0.0001 U	0.0019	0.0001 U	0.0001 U	0.0001 U	0.0001 J	0.0001 U	0.0001 U
	9/24-26/13	0.0001 U	--	0.0001 U	0.025	0.0001 U	0.051 J	0.0001 U	0.0018	0.0001 U	0.0001 U	0.0001 U	0.0003 J	0.0001 U	0.0001 U
	3/25-27/14	0.0001 U	--	0.0001 U	0.024	0.0001 U	0.068	0.0001 U	0.0016	0.0001 U	0.0001 U	0.0001 U	0.0001 J	0.0001 U	0.0001 U
	9/23-26/14	0.0001 U	--	0.0001 U	0.033	0.0001 U	0.12	0.0001 U	0.0022	0.0001 U	0.0001 U	0.0001 U	0.0001 J	0.0001 U	0.0001 U
	3/24-26/15	0.0001 J	--	0.0001 U	0.036	0.0001 U	0.18	0.0001 U	0.0021	0.0001 U	0.0001 U	0.0001 U	0.0003 J	0.0001 U	0.0001 U
	9/22-24/15	0.0001 U	--	0.0001 U	0.033	0.0001 U	0.098	0.0001 U	0.0015	0.0001 U	0.0001 U	0.0001 U	0.0001 J	0.0001 U	0.0001 U
	3/22-24/16	0.0001 U	--	0.0001 U	0.033	0.0001 U	0.04	0.0001 U	0.0006	0.0001 U	0.0001 U	0.0001 U	0.0002 J	0.0001 U	0.0001 U
	9/27-29/16	0.0001 U	--	0.0001 U	0.029	0.0001 U	0.025	0.0001 U	0.0005	0.0001 U	0.0001 U	0.0001 U	0.0001 J	0.0001 U	0.0001 U
	3/28-30/17	0.0001 U	--	0.0001 U	0.033	0.0001 U	0.028	0.0001 U	0.0007	0.0001 U	0.0001 U	0.0001 U	0.0001 J	0.0001 U	0.0001 U
	9/26-28/17	0.0001 U	--	0.0001 U	0.028	0.0001 U	0.017	0.0001 U	0.0008	0.0001 U	0.0001 U	0.0001 U	0.0002 J	0.0001 U	0.0001 U
	3/20-22/18	0.0001 U	--	0.0001 U	0.022	0.0001 U	0.012	0.0001 U	0.0023	0.0001 U	0.0001 U	0.0001 U	0.0003 J	0.0001 U	0.0001 U
	9/25-27/18	0.00008 U	--	0.00008 U	0.022	0.00008 U	0.012 J	0.00008 U	0.0015	0.00008 U	0.00008 U	0.00008 U	0.0003 J	0.00008 U	0.00008 U
	3/19-21/19	0.00008 U	--	0.00008 U	0.017 J	0.00008 U	0.012	0.00008 U	0.0014	0.00008 U	0.00008 U	0.00008 U	0.0004 J	0.00008 U	0.00008 U
	9/10-12/19	--	--	0.0004 J	0.017	0.0001 U	0.015	0.0001 U	0.0012	0.0001 U	0.0001 U	0.0001 U	0.0005 J	0.0001 U	0.0001 U
	6/9-11/20	--	--	0.00015 U	0.013	0.00015 U	0.0096	0.00015 U	0.00084 J	0.00015 U	0.00015 U	0.00015 U	0.00037 J	0.00015 U	0.00015 U

Table 4. Current and Historical Analytical Results
Union Carbide Corporation,
Woodbine, Camden County, Georgia



Constituent GWPS	Sample Dates	MW-24	MW-24A	MW-25	MW-41	MW-42	MW-10	MW-16	MW-19	MW-22	MW-31	MW-32	MW-33	MW-35	MW-36
		Todd Creek	Todd Creek	Todd Creek	Todd Creek	Todd Creek	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC
		Deep	Deep	Deep	Deep	Shallow	Shallow	Deep	Deep	Deep	Deep	Shallow	Deep	Deep	Shallow
Xylenes (continued) 10	11/2-5/20	--	--	0.00015 U	0.01	0.00015 U	0.012	0.00015 U	0.00077 J	0.00015 U	0.00015 U	0.00015 U	0.00038 J	0.00015 U	0.00015 U
	3/23-25/21	--	--	0.00015 U	0.0091	0.00015 U	0.016	0.00015 U	0.00087 J	0.00015 U	0.00015 U	0.00015 U	0.00043 J	0.00015 U	0.00015 U
	9/21-23/21	ABANDONED	--	0.00015 U	0.010	0.00015 U	0.011	0.00015 U	0.00070 J	0.00015 U	0.00015 U	0.00015 U	0.00035 J	0.00015 U	0.00015 U
	3/22-24/22	ABANDONED	0.00015 U	0.00015 U	0.015	0.00015 U	0.0098	0.00015 U	0.00057 J	0.00015 U	0.00015 U	0.00015 U	0.00047 J	0.00015 U	0.00015 U
	9/26-28/22	ABANDONED	0.000070 U	0.000070 U	0.019	0.000070 U	0.0035 U	0.000070 U	0.00053 J	0.000070 U	0.000070 U	0.000070 U	0.00055 J	0.000070 U	0.000070 U
2,4-D 0.10	11/24/97	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	10/30-31/02	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	4/21-24/03	0.00013 U	--	0.00013 U	--	--	1.032	0.0025 U	0.00013 U	0.00013 U	0.00013 U	0.00013 U	0.012 U	0.00013 U	0.00013 U
	10/14-16/03	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	4/20-21/04	0.00026 U	--	0.00026 U	--	--	0.025 U	0.00026 U	0.00026 U	0.00026 U	0.00026 U	0.00026 U	0.01 U	0.00026 U	0.00026 U
	10/18-20/04	0.00011 U	--	0.00011 U	--	--	0.025 U	0.025 U	0.00011 U	0.00011 U	0.0025 U	0.00011 U	0.025 U	0.00011 U	--
	4/26-27/05	0.00027 U	--	0.0025 U	--	--	0.05 U	0.00027 U	0.00027 U	0.00027 U	0.025 U	0.3 U	0.2 U	0.00027 U	0.00027 U
	11/2-4/05	0.00027 U	--	0.00027 U	--	--	0.0027 U	0.0027 U	0.0135 U	0.00027 U	0.00027 U	0.00027 U	0.00027 U	0.00027 U	0.00027 U
	5/30-6/2/06	0.00027 U	--	0.00027 U	0.00027 U	0.00027 U	0.00027 U	0.00027 U	0.00027 U	0.00027 U	0.00027 U	0.0027 U	0.00027 U	0.00027 U	0.00027 U
	10/23-11/9/06	0.00025 U	--	0.00125 U	0.005 U	0.00025 U	0.0026 U	0.00025 U	0.000255 U	0.000263 U	0.00025 U	0.00025 U	0.00025 U	0.00025 U	0.00025 U
	1/3/07	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/5-8/07	0.00017 U	--	0.000047 U	0.00059	0.00016 U	0.000047 U	0.000047 U	0.00015 U	0.00015 U	0.000048 U	0.00015 U	0.000048 U	0.00016 U	0.00016 U
	11/5-9/07	0.000048 U	--	0.000047 U	0.00049	0.000048 U	0.000048 U	0.000055 U	0.000051 U	0.000048 U	0.000047 U	0.000048 U	0.000048 U	0.000048 U	0.000049 U
	4/1-3/08	0.000049 U	--	0.000054 U	0.00031	0.000047 U	0.00012 J	0.00005 U	0.000047 U	0.00005 U	0.000048 U	0.000048 U	0.000048 U	0.000051 U	0.000048 U
	10/27-30/08	0.000048 U	--	0.000058 U	0.00049 U	0.000048 U	0.00047 U	0.000047 U	0.000047 U	0.000053 U	0.000049 U	0.000049 U	0.000051 U	0.000049 U	0.000047 U
	3/16-19/09	0.000054 U	--	0.000052 U	0.00054	0.000052 U	0.000051 U	0.000052 U	0.000052 U	0.000053 U	0.000053 U	0.00005 U	0.000049 U	0.000052 U	0.000047 U
	9/14-17/09	0.000049 UJ	--	0.00005 U	0.0004	0.000047 UJ	0.000048 U	0.000048 U	0.000047 U	0.000047 U	0.000047 U	0.000048 U	0.00005 U	0.000048 UJ	0.000047 UJ
	3/29-4/1/10	0.000047 U	--	0.000047 U	0.0001 J	0.000052 U	0.000053 U	0.000047 U	0.000047 U	0.000055 J	0.000047 U	0.000047 U	0.000049 U	0.000047 U	0.000047 U
	10/5-7/10	0.000048 U	--	0.000049 U	0.000048 U	0.000048 U	0.00016 J	0.000048 U	0.000048 U	0.000047 U	0.000059 U	0.000048 U	0.000049 U	0.000047 U	0.000047 U
	3/22-24/11	0.00005 U	--	0.000051 U	0.005 U	0.000049 U	0.00018 J	0.000052 U	0.000047 U	0.000047 U	0.000049 U	0.000048 U	0.000049 U	0.000053 U	0.000047 U
	9/27-29/11	0.000048 U	--	0.000048 U	0.00023 J	0.000051 U	0.00019 J	0.000048 U	0.000048 U	0.000047 U	0.000048 U	0.000048 U	0.000048 U	0.000047 U	0.000047 U
	3/20-22/12	0.000048 U	--	0.000048 U	0.000048 UJ	0.000048 U	0.000048 U	0.000048 U	0.000048 U	0.000049 U	0.000048 U	0.000048 U	0.000054 U	0.000048 U	0.000048 U
	9/25-27/12	0.000048 UJ	--	0.000048 UJ	0.000048 U	0.000048 U	0.0005 J	0.000048 U	0.000048 U	0.000048 U	0.000047 U	0.000047 U	0.000048 U	0.000048 U	0.000048 U
	3/25-28/13	0.000048 U	--	0.000048 U	0.00081 J	0.000047 U	0.00074 J	0.000048 U	0.000047 U	0.000051 U	0.000048 U	0.000048 U	0.000047 U	0.000048 U	0.000049 U
	9/24-26/13	0.000048 U	--	0.000051 U	0.000048 U	0.000052 U	0.000049 U	0.000047 U	0.000047 U	0.000051 U	0.000048 U	0.00005 U	0.000049 U	0.000047 U	0.000048 U
	3/25-27/14	0.000051 U	--	0.000053 U	0.000053 UJ	0.00005 U	0.000048 UJ	0.000047 UJ	0.000048 UJ	0.000047 U	0.000047 UJ	0.000047 U	0.000047 UJ	0.000051 UJ	0.000052 UJ
	9/23-26/14	0.000048 U	--	0.000049 U	0.000048 U	0.000048 U	0.000049 U	0.000049 U	0.000048 U	0.000048 U	0.000049 U	0.00005 U	0.000048 U	0.000049 U	0.000048 U
	3/24-26/15	0.000047 U	--	0.000048 U	0.00005 U	0.000047 U	0.000048 U	0.000048 U	0.000048 U	0.000047 U	0.000047 U	0.000047 U	0.000047 U	0.000047 U	0.000047 U
	9/22-24/15	0.000049 U	--	0.000047 U	0.000048 U	0.000049 U	0.000048 U	0.000049 U	0.000047 U	0.00005 U	0.000047 U	0.000047 U	0.000049 U	0.000049 U	0.000048 U
	3/22-24/16	0.000047 U	--	0.000048 U	0.000047 U	0.000047 U	0.000047 U	0.000049 U	0.000047 U	0.000048 U	0.000048 U	0.000049 U	0.000047 U	0.000047 U	0.000047 U
	9/27-29/16	0.000047 U	--	0.000047 U	0.000047 U	0.000047 U	0.000047 U	0.000047 U	0.000048 U	0.000047 U	0.000047 U	0.000047 U	0.000047 U	0.000047 U	0.000047 U
	3/28-30/17	0.000048 U	--	0.000047 U	0.000049 U	0.000047 U	0.000047 U	0.000048 U	0.000048 U	0.000048 U	0.000047 U	0.000048 U	0.000048 U	0.000048 U	0.000048 U
	9/26-28/17	0.000048 U	--	0.000047 U	0.000047 U	0.000047 U	0.000048 U	0.000047 UJ	0.000047 U	0.000047 U	0.000047 U	0.000047 U	0.000047 U	0.000047 UJ	0.000047 UJ
	3/20-22/18	0.00005 U	--	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
	9/25-27/18	0.00005 U	--	0.00005 U	0.0004	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.0002 J	0.00005 U	0.00005 U
	3/19-21/19	0.00005 U	--	0.00005 U	0.00005 U	0.00005 U	0.0002 J	0.0001 J	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
	9/10-12/19	--	--	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
	6/9-11/20	--	--	0.000096 U	0.000096 U	0.000096 U	0.000097 U	0.000096 U	0.000098 U	0.000098 U	0.00010 U	0.000097 U	0.000095 U	0.000095 U	0.000095 UJ
	11/2-5/20	--	--	0.000095 U	0.000096 U	0.000096 U	0.00010 U	0.00010 U	0.00010 U	0.000095 U	0.00010 J	0.000096 U	0.000095 U	0.00010 U	0.000099 U
	3/23-25/21	--	--	0.000096 U	0.000098 U	0.00010 U	0.000096 U	0.00013 J	0.00010 U	0.000095 U	0.000096 U	0.000096 U	0.000096 U	0.000095 U	0.000096 U
	9/21-23/21	ABANDONED	--	0.000096 U	0.000095 U	0.00010 U	0.00010 U	0.00012 J	0.00010 U	0.000099 U	0.00017 J	0.000097 U	0.000095 U	0.000095 R	0.00010 U
	3/22-24/22	ABANDONED	0.00010 U	0.000095 U	0.000095 U	0.000095 U	0.000098 U	0.00010 U	0.00010 U	0.00010 U	0.000096 U	0.00010 U	0.000099 U	0.000095 U	0.000098 U
	9/26-28/22	ABANDONED	0.00011 U	0.00010 U	0.000096 U	0.00010 U	0.000096 U	0.00010 U	0.000096 U	0.00010 U	0.000099 U	0.00010 U	0.000095 U	0.00010 U	0.00010 U
2,4,5-T 0.122	11/24/1997	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/7-8/01	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	4/16-17/02	BRL	--	BRL	--	--	0.03	0.005 U	BRL	BRL	BRL	BRL	0.038	BRL	BRL
	10/30-31/02	0.000087 U	--	0.000087 U	--	--	0.018	0.01 U	0.000087 U	0.000087 U	0.000087 U	0.000087 U	0.017	0.000087 U	0.000087 U

Table 4. Current and Historical Analytical Results

Union Carbide Corporation,
Woodbine, Camden County, Georgia



Constituent GWPS	Sample Dates	MW-24	MW-24A	MW-25	MW-41	MW-42	MW-10	MW-16	MW-19	MW-22	MW-31	MW-32	MW-33	MW-35	MW-36
		Todd Creek	Todd Creek	Todd Creek	Todd Creek	Todd Creek	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC
		Deep	Deep	Deep	Deep	Shallow	Shallow	Deep	Deep	Deep	Deep	Shallow	Deep	Deep	Shallow
2,4,5-T (continued) 0.122	4/21-24/03	0.000057 U	--	0.000077 J	--	--	0.016	0.004	0.000057 U	0.000057 U	0.00073	0.000057 U	0.024	0.000057 U	0.000057 U
	10/14-16/03	0.000057 U	--	0.000057 U	--	--	0.0072	0.0046	0.000057 U	0.000057 U	0.000057 U	0.000057 U	0.026	0.000057 U	0.000057 U
	4/20-21/04	0.000055 U	--	0.000055 U	--	--	0.014 J	0.012	0.000055 U	0.000055 U	0.000055 U	0.000055 U	0.071	0.000055 U	0.000055 U
	10/18-20/04	0.000041 U	--	0.000042 J	--	--	0.0061 J	0.027	0.000041 U	0.000041 U	0.00092 J	0.000041 U	0.055	0.000041 U	--
	4/26-27/05	0.00034 U	--	0.0025 U	--	--	0.05 U	0.00034 U	0.00034 U	0.00034 U	0.025 U	0.3 U	0.2 U	0.00034 U	0.00034 U
	11/2-4/05	0.00015 U	--	0.000232 J	--	--	0.0015 U	0.015 U	0.0075 U	0.00015 U	0.00103 J	--	*0.0405	0.00015 U	0.00015 U
	5/30-6/2/06	0.00015 U	--	0.00015 U	0.00015 U	0.00015 U	0.00015 U	0.00015 U	0.00015 U	0.00015 U	0.00015 U	0.0015 U	0.00015 U	0.00015 U	0.00015 U
	10/23-11/9/06	0.0001 U	--	0.0005 U	0.002 U	0.0001 U	0.00104 U	0.0001 U	0.000102 U	0.000105 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
	1/3/07	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/5-8/07	0.000014 UJ	--	0.00044	0.13	0.000013 U	0.00026	0.021	0.000089 U	0.000013 U	0.00038	0.000012 U	0.08	0.000013 U	0.000013 U
	11/5-9/07	0.0000097 U	--	0.0005	0.11	0.000011 J	0.00037 J	0.02	0.000016 J	0.0000096 U	0.00041	0.0000095 U	0.097	0.0000097 U	0.0000097 U
	4/1-3/08	0.0000098 U	--	0.0011	0.12	0.0000095 U	0.0017 J	0.023	0.000073	0.0000099 U	0.00069	0.0000096 U	0.1	0.00001 U	0.0000096 U
	10/27-30/08	0.0000096 U	--	0.00099	0.1 J	0.000017 U	0.037 J	0.023	0.000031 U	0.000011 U	0.0012	0.0000098 U	0.18	0.0000099 U	0.0000095 U
	3/16-19/09	0.000011 U	--	0.0012	0.12	0.000069	0.022	0.019	0.00001 U	0.000041 U	0.0018	0.00001 U	0.23	0.00001 U	0.0000095 U
	9/14-17/09	0.000012 J	--	0.0017	0.12	0.0000095 UJ	0.009	0.016	0.00013 U	0.000048	0.0016 J	0.0000095 U	0.00048 U	0.000018 J	0.000015 J
	3/29-4/1/10	0.0000095 U	--	0.0023	0.048	0.000075	0.013	0.02	0.000043	0.000039	0.003	0.000097	0.16	0.0000095 U	0.0000095 U
	10/5-7/10	0.0000096 U	--	0.0025	0.17	0.000026	0.0059 J	0.017	0.000035	0.0000095 U	0.0026	0.0000096 U	0.17	0.000025	0.00001 J
	3/22-24/11	0.00001 U	--	0.0016	0.096 J	0.0000099 J	0.012 J	0.019	0.000066	0.000066	0.0014 J	0.0000096 U	0.1 J	0.000011 U	0.0000095 U
	9/27-29/11	0.0000097 U	--	0.0021	0.069	0.00001 U	0.0047	0.016	0.000018 J	0.000011 J	0.0058	0.0000096 U	0.11	0.0000095 U	0.0000095 U
	3/20-22/12	0.0000095 U	--	0.0039	0.068	0.0000095 U	0.007	0.0046 J	0.0000096 U	0.0000097 U	0.0037 J	0.0000095 U	0.14	0.0000095 U	0.0000095 U
	9/25-27/12	0.0000096 UJ	--	0.0028 J	0.11	0.0000095 U	0.022	0.014	0.0000095 U	0.0000095 U	0.01	0.0000095 U	0.085 J	0.0000095 U	0.0000095 U
	3/25-28/13	0.0000095 U	--	0.0052	0.13 J	0.0000095 U	0.014 J	0.021	0.0000095 U	0.00001 U	0.0076 J	0.0000096 U	0.26 J	0.0000097 U	0.0000099 U
	9/24-26/13	0.0000095 U	--	0.0064	0.081	0.00001 U	0.013 J	0.017	0.0000095 U	0.00001 U	0.0076	0.00001 U	0.52	0.0000095 U	0.0000096 U
	3/25-27/14	0.00001 U	--	0.004	0.11	0.0000099 U	0.014 J	0.0057 J	0.0000096 UJ	0.0000095 U	0.01	0.0000095 U	0.13 J	0.00001 UJ	0.00001 UJ
	9/23-26/14	0.0000095 U	--	0.0057	0.11	0.0000096 U	0.0034	0.0093	0.0000096 U	0.0000095 U	0.02	0.0000099 U	0.22	0.0000098 U	0.0000095 U
	3/24-26/15	0.0000095 U	--	0.0088	0.096 J	0.0000095 U	0.0014	0.009	0.0000096 U	0.0000094 U	0.02 J	0.0000095 U	0.39	0.0000095 U	0.0000094 U
	9/22-24/15	0.0000098 U	--	0.0047	0.043	0.0000098 U	0.0051	0.0046	0.0000095 U	0.0000099 U	0.0076	0.0000095 U	0.097	0.0000097 U	0.0000096 U
	3/22-24/16	0.0000095 U	--	0.0048	0.064 J	0.0000095 U	0.0011	0.02 J	0.0000094 U	0.0000095 U	0.015	0.0000097 U	0.24	0.0000094 U	0.0000094 U
	9/27-29/16	0.0000094 U	--	0.022 JH	0.046 JH	0.0000094 U	0.0015 J	0.022	0.0000096 U	0.0000095 U	0.042 JH	0.0000094 U	0.29	0.0000095 U	0.0000094 U
	3/28-30/17	0.0000096 U	--	0.01	0.14 J	0.0000095 U	0.0044	0.018	0.0000096 U	0.0000095 U	0.018	0.0000095 U	0.36	0.0000095 U	0.0000095 U
	9/26-28/17	0.0000097 U	--	0.0000095 U	0.0000094 U	0.0000094 U	0.0000095 U	0.0000094 UJ	0.0000095 U	0.0000094 U	0.0000094 U	0.0000095 U	0.0000094 U	0.0000094 UJ	0.0000095 UJ
	3/20-22/18	0.00001 U	--	0.00001 U	0.00001 U	0.00001 U	0.00001 U	0.00001 U	0.00001 U	0.00001 U	0.000009 U	0.00001 U	0.00001 U	0.000009 U	0.00001 U
	9/25-27/18	0.000009 U	--	0.00001 U	0.000009 U	0.000009 U	0.00001 U	0.000009 U	0.00001 U	0.000009 U	0.00001 U	0.00001 U	0.00001 U	0.000009 U	0.000009 U
	3/19-21/19	0.00001 U	--	0.00001 U	0.00001 R	0.00001 U	0.00001 U	0.00001 U	0.00001 U	0.00001 U	0.00001 U	0.00001 U	0.00001 U	0.00001 U	0.00001 U
	9/10-12/19	--	--	0.001 D	0.005 D	0.000009 U	0.001 D	0.0007 D	0.00001 U	0.00001 U	0.001 D	0.00001 U	0.031 D	0.00001 U	0.00001 U
	6/9-11/20	--	--	0.0000096 U	0.0000096 U	0.0000096 U	0.0000097 U	0.0000096 U	0.0000098 U	0.0000098 U	0.000010 U	0.0000097 U	0.0000095 U	0.0000095 U	0.0000095 UJ
	11/2-5/20	--	--	0.0000095 U	0.0000096 U	0.0000096 U	0.000010 U	0.000010 UJ	0.000010 U	0.0000095 U	0.0000096 U	0.0000096 U	0.0000095 U	0.000010 U	0.0000099 U
	3/23-25/21	--	--	0.0000096 U	0.0000098 U	0.000010 U	0.0000096 U	0.0000096 U	0.000010 U	0.0000095 U	0.0000096 U	0.0000096 U	0.0000096 U	0.0000095 U	0.0000096 U
	9/21-23/21	ABANDONED	--	0.0000096 U	0.0000095 U	0.000010 U	0.000010 U	0.0000098 U	0.000010 U	0.0000099 U	0.0000099 U	0.0000097 U	0.0000095 U	0.0000095 R	0.000010 U
	3/22-24/22	ABANDONED	0.000010 U	0.0000095 U	0.0000095 U	0.0000095 U	0.0000098 U	0.000010 U	0.000010 U	0.000010 U	0.0000096 U	0.000010 U	0.0000099 U	0.0000095 U	0.0000098 U
	9/26-28/22	ABANDONED	0.000011 U	0.000010 U	0.0000096 U	0.000010 U	0.0000096 U	0.000010 R	0.0000096 U	0.000010 U	0.0000099 U	0.000010 U	0.0000095 U	0.000010 U	0.000010 U
2,4,5-TP (Silvex) 0.010	10/30-31/02	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	4/21-24/03	0.000054 U	--	0.000054 U	--	--	0.00093 JP	0.00027 U	0.000054 U	0.000054 U	0.000054 U	0.000054 U	0.0014 U	0.000054 U	0.000054 U
	10/14-16/03	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	4/20-21/04	0.000087 U	--	0.000087 U	--	--	0.0044 U	0.00069	0.000087 U	0.000087 U	0.00033 J	0.000087 U	0.003 J	0.000087 U	0.000087 U
	10/18-20/04	0.000044 U	--	0.000044 U	--	--	0.0022 U	0.0022 U	0.000044 U	0.000044 U	0.00029 J	0.000044 U	0.0022 U	0.000044 U	0.00155
	4/26-27/05	0.00039 U	--	0.00195 U	--	--	0.039 U	0.00039 U	0.00039 U	0.00039 U	0.0195 U	0.234 U	0.156 U	0.00039 U	0.00039 U
	11/2-4/05	0.00013 U	--	0.00013 U	--	--	0.0013 U	0.013 U	0.0065 U	0.00013 U	0.00013 U	0.00013 U	0.00013 U	0.00013 U	0.00013 U
	1/19/06	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	5/30-6/2/06	0.00013 U	--	0.00013 U	0.00013 U	0.00013 U	0.00013 U	0.00013 U	0.00013 U	0.00013 U	0.00013 U	0.0013 U	0.00013 U	0.00013 U	0.00013 U

Table 4. Current and Historical Analytical Results

Union Carbide Corporation,
Woodbine, Camden County, Georgia



Constituent GWPS	Sample Dates	MW-24	MW-24A	MW-25	MW-41	MW-42	MW-10	MW-16	MW-19	MW-22	MW-31	MW-32	MW-33	MW-35	MW-36
		Todd Creek	Todd Creek	Todd Creek	Todd Creek	Todd Creek	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC
		Deep	Deep	Deep	Deep	Shallow	Shallow	Deep	Deep	Deep	Deep	Shallow	Deep	Deep	Shallow
2,4,5-TP (Silvex) (continued) 0.010	10/23-11/9/06	0.0001 U	--	0.0005 U	0.002 U	0.0001 U	0.00104 U	0.00083 J	0.000102 U	0.000105 U	0.0001 U	0.0001 U	0.000443 J	0.0001 U	0.0001 U
	1/3/07	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/5-8/07	0.00001 U	--	0.0000095 U	0.0000099 U	0.00001 U	0.0000095 U	0.0000095 U	0.0000095 U	0.0000096 U	0.0000095 U	0.0000095 U	0.0000096 U	0.00001 U	0.00001 U
	11/5-9/07	0.0000097 U	--	0.0000095 U	0.000046	0.0000096 U	0.00011	0.000011 U	0.00001 U	0.0000096 U	0.000013 J	0.0000095 U	0.0000097 U	0.0000097 U	0.0000097 U
	4/1-3/08	0.0000098 U	--	0.000011 U	0.00001 U	0.0000095 U	0.00001 U	0.00006	0.0000095 U	0.0000099 U	0.0000097 U	0.0000096 U	0.00005	0.00001 U	0.0000096 U
	10/27-30/08	0.0000096 UJ	--	0.000012 UJ	0.000098 UJ	0.0000097 UJ	0.000095 UJ	0.0000095 U	0.0000095 U	0.000011 U	0.0000099 UJ	0.0000098 UJ	0.00001 U	0.0000099 U	0.0000095 U
	3/16-19/09	0.000011 U	--	0.00001 U	0.0000097 U	0.00001 U	0.00001 U	0.00001 U	0.00001 U	0.000011 U	0.000011 U	0.00001 U	0.0000098 U	0.00001 U	0.0000095 U
	9/14-17/09	0.0000099 UJ	--	0.00001 U	0.00001 U	0.0000095 UJ	0.0000095 U	0.0000096 U	0.0000095 U	0.0000095 U	0.000047 UJ	0.0000095 U	0.000011 J	0.0000095 UJ	0.0000095 UJ
	3/29-4/1/10	0.0000095 U	--	0.0000095 U	0.000063	0.00001 U	0.000011 U	0.000012 J	0.0000094 U	0.0000098 J	0.0000095 U	0.0000095 U	0.0000098 U	0.0000095 U	0.0000095 U
	10/5-7/10	0.0000096 U	--	0.0000098 U	0.0000096 U	0.0000096 U	0.000024 J	0.0000095 U	0.0000095 U	0.0000095 U	0.000012 U	0.0000096 U	0.000027	0.0000095 U	0.0000095 U
	3/22-24/11	0.00001 U	--	0.00001 U	0.001 U	0.0000098 U	0.00012 J	0.00001 U	0.0000095 U	0.0000095 U	0.0000098 U	0.0000096 U	0.0000098 U	0.000011 U	0.0000095 U
	9/27-29/11	0.0000097 U	--	0.0000097 U	0.00012	0.00001 U	0.000055	0.0000095 U	0.0000095 U	0.0000095 U	0.0000095 U	0.0000096 U	0.00015	0.0000095 U	0.0000095 U
	3/20-22/12	0.0000095 U	--	0.0000095 U	0.0000095 UJ	0.0000095 U	0.00014	0.0000096 U	0.0000096 U	0.0000097 U	0.0000095 U	0.0000095 U	0.000011 U	0.0000095 U	0.0000095 U
	9/25-27/12	0.0000096 UJ	--	0.0000095 UJ	0.0000095 U	0.0000095 U	0.00028	0.0000096 U	0.0000095 UJ	0.0000095 UJ	0.0000095 U	0.0000095 U	0.0000095 U	0.0000095 U	0.0000095 U
	3/25-28/13	0.0000095 U	--	0.0000096 U	0.0000097 U	0.0000095 U	0.0000099 U	0.0000095 U	0.0000095 U	0.00001 U	0.0000096 U	0.0000096 U	0.0000095 U	0.0000097 U	0.0000099 U
	9/24-26/13	0.0000095 U	--	0.00001 U	0.0000096 U	0.00001 U	0.0000097 U	0.0000095 U	0.0000095 U	0.00001 U	0.0000096 U	0.00001 U	0.0000099 U	0.0000095 U	0.0000096 U
	3/25-27/14	0.00001 U	--	0.000011 U	0.000011 UJ	0.0000099 U	0.0000095 UJ	0.0000095 UJ	0.0000096 UJ	0.0000095 U	0.0000095 UJ	0.0000095 U	0.0000095 UJ	0.00001 UJ	0.00001 UJ
	9/23-26/14	0.0000095 U	--	0.0000099 U	0.0000095 U	0.0000096 U	0.0000097 U	0.0000098 U	0.0000096 U	0.0000095 U	0.0000099 U	0.0000099 U	0.0000095 U	0.0000098 U	0.0000095 U
	3/24-26/15	0.0000095 U	--	0.0000095 U	0.0000099 U	0.0000095 U	0.0000096 U	0.0000096 U	0.0000096 U	0.0000094 U	0.0000095 U	0.0000095 U	0.00026 J	0.0000095 U	0.0000094 U
	9/22-24/15	0.0000098 U	--	0.0000095 U	0.0000096 U	0.0000098 U	0.0000096 U	0.0000098 U	0.0000095 U	0.0000099 U	0.0000095 U	0.0000095 U	0.0000098 U	0.0000097 U	0.0000096 U
	3/22-24/16	0.0000095 U	--	0.0000097 U	0.0000094 U	0.0000095 U	0.0000094 U	0.0000098 U	0.0000094 U	0.0000095 U	0.0000096 U	0.0000097 U	0.0000094 U	0.0000094 U	0.0000094 U
	9/27-29/16	0.0000094 U	--	0.0000095 U	0.0000095 U	0.0000094 U	0.0000094 U	0.0000094 U	0.0000096 U	0.0000095 U	0.0000095 U	0.0000094 U	0.0000094 U	0.0000095 U	0.0000094 U
	3/28-30/17	0.0000096 U	--	0.0000094 U	0.0000097 U	0.0000095 U	0.0000095 U	0.0000096 U	0.0000096 U	0.0000095 U	0.0000095 U	0.0000095 U	0.0000096 U	0.0000095 U	0.0000095 U
	9/26-28/17	0.0000097 U	--	0.0000095 U	0.0000094 U	0.0000094 U	0.0000095 U	0.0000094 UJ	0.0000095 U	0.0000094 U	0.0000094 U	0.0000095 U	0.0000094 U	0.0000094 UJ	0.0000095 UJ
	3/20-22/18	0.00001 U	--	0.00001 U	0.00001 U	0.00001 U	0.00001 U	0.00001 U	0.00001 U	0.00001 U	0.000009 U	0.00001 U	0.00001 U	0.000009 U	0.00001 U
	9/25-27/18	0.000009 U	--	0.00001 U	0.000009 U	0.000009 U	0.00001 U	0.000009 U	0.00001 U	0.000009 U	0.00001 U	0.00001 U	0.00001 U	0.000009 U	0.000009 U
	3/19-21/19	0.00001 U	--	0.00001 U	0.00001 U	0.00001 U	0.00001 U	0.00001 U	0.00001 U	0.00001 U	0.00001 U	0.00001 U	0.00001 U	0.00001 U	0.00001 U
	9/10-12/19	--	--	0.000009 U	0.000009 U	0.000009 U	0.00001 U	0.00001 U	0.00001 U	0.00001 U	0.00005 U	0.00001 U	0.00001 U	0.00001 U	0.00001 U
	6/9-11/20	--	--	0.0000096 U	0.0000096 U	0.0000096 U	0.0000097 U	0.0000096 U	0.0000098 U	0.0000098 U	0.000010 U	0.0000097 U	0.0000095 U	0.0000095 U	0.0000095 UJ
	11/2-5/20	--	--	0.0000095 U	0.0000096 U	0.0000096 U	0.000010 U	0.000010 UJ	0.000010 U	0.0000095 U	0.0000096 U	0.0000096 U	0.0000095 U	0.000010 U	0.0000099 U
	3/23-25/21	--	--	0.0000096 U	0.0000098 U	0.000010 U	0.0000096 U	0.0000096 U	0.000010 U	0.0000095 U	0.0000096 U	0.0000096 U	0.0000096 U	0.0000095 U	0.0000096 U
	9/21-23/21	ABANDONED	--	0.0000096 U	0.0000095 U	0.000010 U	0.000010 U	0.0000098 U	0.000010 U	0.0000099 U	0.0000099 U	0.0000097 U	0.0000095 U	0.0000095 R	0.000010 U
	3/22-24/22	ABANDONED	0.000010 U	0.0000095 U	0.0000095 U	0.0000095 U	0.0000098 U	0.000010 U	0.000010 U	0.000010 U	0.0000096 U	0.000010 U	0.0000099 U	0.0000095 U	0.0000098 U
	9/26-28/22	ABANDONED	0.000011 U	0.000010 U	0.0000096 U	0.000010 U	0.0000096 U	0.000010 U	0.0000096 U	0.000010 U	0.0000099 U	0.000010 U	0.0000095 U	0.000010 U	0.000010 U
4-Chloroaniline 0.0004	11/7/07	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	10/29/08	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/16/09	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	10/6/10	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/29/11	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/27/12	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/7/12	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/25-26/13	--	--	--	--	0.0005 U	--	--	--	--	--	--	--	--	--
	9/26/13	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/23-26/14	0.0005 U	--	0.0005 U	0.0005 U	0.0005 U	0.005 J	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
	3/24-26/15	0.0005 U	--	0.0005 U	0.0005 U	0.0005 U	0.0007 J	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
	9/22-24/15	0.002 U	--	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
	3/22-24/16	0.002 U	--	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
	9/27-29/16	0.002 U	--	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 UJ	0.002 U	0.002 U	0.002 U
	3/28-30/17	0.002 U	--	0.002 UJ	0.002 UJ	0.002 UJ	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
	9/26-28/17	0.002 U	--	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U

Table 4. Current and Historical Analytical Results

Union Carbide Corporation,
Woodbine, Camden County, Georgia



Constituent GWPS	Sample Dates	MW-24	MW-24A	MW-25	MW-41	MW-42	MW-10	MW-16	MW-19	MW-22	MW-31	MW-32	MW-33	MW-35	MW-36
		Todd Creek	Todd Creek	Todd Creek	Todd Creek	Todd Creek	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC
		Deep	Deep	Deep	Deep	Shallow	Shallow	Deep	Deep	Deep	Deep	Shallow	Deep	Deep	Shallow
4-Chloroaniline (continued) 0.0004	3/20-22/18	0.002 U	--	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
	9/25-27/18	0.004 U	--	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U
	3/19-21/19	0.002 U	--	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
	9/10-12/19	--	--	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
	6/9-11/20	--	--	0.0040 U	0.0040 U	0.0040 U	0.0042 U	0.0041 U	0.0042 U	0.0041 U	0.0042 U	0.0040 U	0.0041 U	0.0040 U	0.0040 U
	11/2-5/20	--	--	0.0040 U	0.0040 U	0.0040 U	0.0041 U	0.0042 U	0.0042 U	0.0041 U	0.0042 U	0.0042 U	0.0040 U	0.0043 U	0.0042 U
	3/23-25/21	--	--	0.0042 U	0.0042 U	0.0044 U	0.0040 U	0.0040 U	0.0043 U	0.0041 U	0.0040 U	0.0040 U	0.0040 U	0.0040 U	0.0040 U
	9/21-23/21	ABANDONED	--	0.0041 U	0.0044 U	0.0040 U	0.0042 U	0.0043 U	0.0043 U	0.0042 U	0.0043 U	0.0041 U	0.0040 U	0.0045 U	0.0042 U
	3/22-24/22	ABANDONED	0.0045 U	0.0046 U	0.0045 U	0.0041 U	0.0043 U	0.0043 U	0.0043 U	0.0043 U	0.0049 U	0.0042 U	0.0040 U	0.0040 U	0.0041 U
2-Chlorophenol 0.071	9/26-28/22	ABANDONED	0.0045 U	0.0043 U	0.0041 U	0.0043 U	0.0042 U	0.0044 U	0.0044 U	0.0044 U	0.0040 U	0.0040 UJ	0.0041 U	0.0043 U	0.0044 U
	11/24/97	BRL	--	BRL	--	--	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	3/26/98	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	5/28/98	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/16/98	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/19/98	BRL	--	BRL	--	--	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	2/8/99	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	5/11/99	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/8-9/99	BRL	--	BRL	--	--	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	4/18-19/00	BRL	--	BRL	--	--	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	10/16/2000	BRL	--	BRL	--	--	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	4/10/01	BRL	--	BRL	--	--	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	11/7-8/01	BRL	--	BRL	--	--	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	4/16-17/02	BRL	--	BRL	--	--	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	10/30-31/02	0.00024 U	--	0.00024 U	--	--	0.00024 U	0.00024 U	0.00024 U	0.00024 U	0.00024 U	0.00024 U	0.00024 U	0.00024 U	0.00024 U
	4/21-24/03	0.00079 U	--	0.00079 U	--	--	0.00079 U	0.00079 U	0.00079 U	0.00079 U	0.00079 U	0.00079 U	0.00079 U	0.00079 U	0.00079 U
	10/14-16/03	0.00079 U	--	0.00079 U	--	--	0.00079 U	0.00079 U	0.00079 U	0.00079 U	0.00079 U	0.00079 U	0.00079 U	0.00079 U	0.00079 U
	4/20-21/04	0.0012 U	--	0.0012 U	--	--	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U
	10/18-20/04	0.0012 U	--	0.0012 U	--	--	0.04 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U
	4/26-27/05	0.000221 U	--	0.000221 U	--	--	0.000221 U	0.000221 U	0.000221 U	0.000221 U	0.000221 U	0.000221 U	0.000221 U	0.000221 U	0.000221 U
	11/2-4/05	0.000321 U	--	0.000321 U	--	--	0.000321 U	0.000321 U	0.000321 U	0.000321 U	0.000321 U	0.000321 U	0.000321 U	0.000321 U	0.000321 U
	5/30-6/2/06	0.000321 U	--	0.000321 U	0.000321 U	0.000321 U	0.000321 U	0.000321 U	0.000321 U	0.000321 U	0.000321 U	0.000321 U	0.000321 U	0.000321 U	0.000321 U
	10/23-11/9/06	0.0025 U	--	0.00255 U	0.0025 U	0.00255 U	0.00255 UJ	0.0025 U	0.00255 UJ	0.00255 UJ	0.0025 UJ	0.00255 UJ	0.0025 UJ	0.0025 UJ	0.0025 U
	1/3-4/07	--	--	--	--	--	0.00255 U	--	--	--	--	--	--	--	--
	3/5-8/07	0.001 U	--	0.0009 U	0.001 U	0.001 U	0.001 U	0.0009 U	0.0009 U	0.001 U	0.001 U	0.0009 U	0.0009 U	0.001 U	0.001 U
	11/5-9/07	0.001 U	--	0.0009 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0009 U	0.001 U	0.001 U	0.001 U	0.0009 U	0.001 U
	1/22/08	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	4/1-3/08	0.001 U	--	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
	10/27-30/08	0.001 U	--	0.001 U	0.001 U	0.001 U	0.0009 U	0.001 U	0.0009 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
	3/16-19/09	0.001 U	--	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0009 U	0.001 U
	9/14-17/09	0.0009 U	--	0.001 U	0.001 U	0.001 U	0.001 U	0.0009 U	0.0009 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
	3/29-4/1/10	0.0009 U	--	0.001 U	0.001 UJ	0.001 UJ	0.001 U	0.0009 UJ	0.0009 UJ	0.001 U	0.0009 U	0.0009 U	0.001 U	0.0009 UJ	0.0009 UJ
	10/5-7/10	0.0009 U	--	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0009 U	0.001 U
	3/22-24/11	0.001 U	--	0.001 U	0.001 U	0.001 U	0.01 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0009 U
	9/27-29/11	0.0005 U	--	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
	3/20-22/12	0.0005 U	--	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
	9/25-27/12	0.0005 U	--	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
	3/25-28/13	0.0005 U	--	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
	9/24-26/13	0.0005 U	--	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
	3/25-27/14	0.0005 UJ	--	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.0005 U	0.0005 U	0.0005 U	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.0005 U	0.0005 U	0.0005 U
	9/23-26/14	0.0005 UJ	--	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.0005 U	0.0005 UJ	0.0005 U	0.0005 U	0.0005 UJ	0.0005 U	0.0005 UJ	0.0005 UJ	0.0005 UJ

Table 4. Current and Historical Analytical Results
Union Carbide Corporation,
Woodbine, Camden County, Georgia



Constituent GWPS	Sample Dates	MW-24	MW-24A	MW-25	MW-41	MW-42	MW-10	MW-16	MW-19	MW-22	MW-31	MW-32	MW-33	MW-35	MW-36
		Todd Creek	Todd Creek	Todd Creek	Todd Creek	Todd Creek	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC
		Deep	Deep	Deep	Deep	Shallow	Shallow	Deep	Deep	Deep	Deep	Shallow	Deep	Deep	Shallow
2-Chlorophenol (continued) 0.071	3/24-26/15	0.0005 U	--	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.0005 U	0.0005 U	0.0005 U	0.0005 UJ	0.0005 UJ
	9/22-24/15	0.0005 U	--	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
	3/22-24/16	0.0005 U	--	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
	9/27-29/16	0.0005 U	--	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 UJ	0.0005 U	0.0005 U
	3/28-30/17	0.0005 U	--	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
	9/26-28/17	0.0005 U	--	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
	3/20-22/18	0.0005 U	--	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
	9/25-27/18	0.0005 U	--	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
	3/19-21/19	0.0005 U	--	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
	9/10-12/19	--	--	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 UJ	0.0005 U	0.0005 U	0.0005 U
	6/9-11/20	--	--	0.00050 U	0.00050 U	0.00050 U	0.00052 U	0.00051 U	0.00052 U	0.00051 U	0.00050 U	0.00050 U	0.00051 U	0.00050 U	0.00051 U
	11/2-5/20	--	--	0.00050 U	0.00050 U	0.00050 U	0.00052 U	0.00053 U	0.00053 U	0.00051 U	0.00052 U	0.00052 U	0.00050 U	0.00053 U	0.00053 U
	3/23-25/21	--	--	0.00052 U	0.00052 U	0.00055 U	0.00050 U	0.00051 U	0.00053 U	0.00051 U	0.00051 U	0.00051 U	0.00050 U	0.00050 U	0.00050 U
	9/21-23/21	ABANDONED	--	0.00052 U	0.00055 U	0.00050 U	0.00052 U	0.00054 U	0.00053 U	0.00053 U	0.00053 U	0.00052 U	0.00050 U	0.00056 U	0.00053 U
	3/22-24/22	ABANDONED	0.00057 U	0.00058 U	0.00056 U	0.00051 U	0.00054 U	0.00053 U	0.00054 U	0.00053 U	0.00062 U	0.00053 U	0.00050 U	0.00050 U	0.00051 U
	9/26-28/22	ABANDONED	0.00056 U	0.00053 U	0.00051 U	0.00053 U	0.00052 U	0.00055 U	0.00055 U	0.00055 U	0.00050 U	0.00050 U	0.00051 U	0.00054 U	0.00055 U
Dibenzofuran 0.0012	11/7/07	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	10/29/08	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/16/09	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	10/6/10	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/29/11	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/27/12	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/26/13	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/25/14	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/24-25/15	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/22-24/15	0.0005 U	--	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
	3/22-24/16	0.0005 U	--	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
	9/27-29/16	0.0005 U	--	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 UJ	0.0005 U	0.0005 U	0.0005 U
	3/28-30/17	0.0005 U	--	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
	9/26-28/17	0.0005 U	--	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
	3/20-22/18	0.0005 U	--	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
	9/25-27/18	0.0005 U	--	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
	3/19-21/19	0.0005 U	--	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
	9/10-12/19	--	--	0.0005 U	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.0005 U	0.0005 U	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.0005 U	0.0005 U
	6/9-11/20	--	--	0.00050 U	0.00050 U	0.00050 U	0.00052 U	0.00051 U	0.00052 U	0.00051 U	0.00050 U	0.00050 U	0.00051 U	0.00050 U	0.00051 U
	11/2-5/20	--	--	0.00050 U	0.00050 U	0.00050 U	0.00052 U	0.00053 U	0.00053 U	0.00051 U	0.00052 U	0.00052 U	0.00050 U	0.00053 U	0.00053 U
	3/23-25/21	--	--	0.00052 U	0.00052 U	0.00055 U	0.00050 U	0.00051 U	0.00053 U	0.00051 U	0.00051 U	0.00051 U	0.00050 U	0.00050 U	0.00050 U
	9/21-23/21	ABANDONED	--	0.00052 U	0.00055 U	0.00050 U	0.00052 U	0.00054 U	0.00053 U	0.00053 U	0.00053 U	0.00052 U	0.00050 U	0.00056 U	0.00053 U
	3/22-24/22	ABANDONED	0.00057 U	0.00058 U	0.00056 U	0.00051 U	0.00054 U	0.00053 U	0.00054 U	0.00053 U	0.00062 U	0.00053 U	0.00050 U	0.00050 U	0.00051 U
	9/26-28/22	ABANDONED	0.00056 U	0.00053 U	0.00051 U	0.00053 U	0.00052 U	0.00055 U	0.00055 U	0.00055 U	0.00050 U	0.00050 UJ	0.00051 U	0.00054 U	0.00055 U
1,4-Dichlorobenzene 0.075	11/7/2007	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	10/29/2008	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/16/2009	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	10/6/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/29/2011	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/27/2012	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/26/2013	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/25/2013	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/25/2014	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/25/2014	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/25/2015	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 4. Current and Historical Analytical Results
Union Carbide Corporation,
Woodbine, Camden County, Georgia



Constituent GWPS	Sample Dates	MW-24	MW-24A	MW-25	MW-41	MW-42	MW-10	MW-16	MW-19	MW-22	MW-31	MW-32	MW-33	MW-35	MW-36
		Todd Creek	Todd Creek	Todd Creek	Todd Creek	Todd Creek	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC
		Deep	Deep	Deep	Deep	Shallow	Shallow	Deep	Deep	Deep	Deep	Shallow	Deep	Deep	Shallow
1,4-Dichlorobenzene (continued) 0.075	9/22-24/15	0.0005 U	--	0.0005 U	0.0005 U	0.0005 U	0.003	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
	3/22-24/16	0.0005 U	--	0.0005 U	0.0005 U	0.0005 U	0.003	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
	9/27-29/16	0.0005 U	--	0.0005 U	0.0005 U	0.0005 U	0.004	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 UJ	0.0005 U	0.0005 U	0.0005 U
	3/28-30/17	0.0005 U	--	0.0005 U	0.0005 U	0.0005 U	0.003	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
	9/26-28/17	0.0005 U	--	0.0005 U	0.0005 U	0.0005 U	0.003	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
	3/20-22/18	0.0005 U	--	0.0005 U	0.0005 U	0.0005 U	0.003	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
	9/25-27/18	0.0005 U	--	0.0005 U	0.0005 U	0.0005 U	0.001 J	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
	3/19-21/19	0.0005 U	--	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.002 J	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
	9/10-12/19	--	--	0.0005 U	0.0005 UJ	0.0005 UJ	0.002 J	0.0005 UJ	0.0005 U	0.0005 U	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.0005 U
	6/9-11/20	--	--	0.00050 U	0.00050 U	0.00050 U	0.0012 J	0.00051 U	0.00052 U	0.00051 U	0.00050 U	0.00050 U	0.00051 U	0.00050 U	0.00051 U
	11/2-5/20	--	--	0.00050 U	0.00050 U	0.00050 U	0.0011 J	0.00053 U	0.00053 U	0.00051 U	0.00052 U	0.00052 U	0.00050 U	0.00053 U	0.00053 U
	3/23-25/21	--	--	0.00052 U	0.00052 U	0.00055 U	0.0012 J	0.00051 U	0.00053 U	0.00051 U	0.00051 U	0.00051 U	0.00050 U	0.00050 U	0.00050 U
	9/21-23/21	ABANDONED	--	0.00052 U	0.00055 U	0.00050 U	0.00069 J	0.00054 U	0.00053 U	0.00053 U	0.00053 U	0.00052 U	0.00050 U	0.00056 U	0.00053 U
	3/22-24/22	ABANDONED	0.00057 U	0.00058 U	0.00056 U	0.00051 U	0.0011 J	0.00053 U	0.00054 U	0.00053 U	0.00062 U	0.00053 U	0.00050 U	0.00050 U	0.00051 U
Fluorene 0.043	9/26-28/22	ABANDONED	0.00056 U	0.00053 U	0.00051 U	0.00053 U	0.00091 J	0.00055 U	0.00055 U	0.00055 U	0.00050 U	0.00050 UJ	0.00051 U	0.00054 U	0.00055 U
	11/7/07	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	10/29/08	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/16/09	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	10/6/10	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/29/11	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/27/12	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/26/13	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/25/14	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/24-25/15	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/22-24/15	0.0001 U	--	0.00009 U	0.0001 U	0.0001 U	0.00009 U	0.0001 U	0.00009 U	0.0001 U	0.00009 U	0.00009 U	0.0001 U	0.00009 U	0.00009 U
	3/22-24/16	0.0001 U	--	0.0001 U	0.0001 U	0.00009 U	0.00009 U	0.0001 U	0.00009 U	0.00009 U	0.00009 U	0.0001 U	0.0001 U	0.00009 U	0.00009 U
	9/27-29/16	0.00009 U	--	0.00009 U	0.0001 U	0.00009 U	0.00009 U	0.00009 U	0.0001 U	0.00009 U	0.00009 U	0.00009 UJ	0.0001 U	0.00009 U	0.00009 U
	3/28-30/17	0.0001 U	--	0.00009 U	0.00009 U	0.0001 U	0.00009 U	0.00009 U	0.0001 U	0.00009 U	0.0001 U	0.00009 U	0.0001 U	0.0001 U	0.0001 U
	9/26-28/17	0.0001 U	--	0.00009 U	0.00009 U	0.00009 U	0.00009 U	0.00009 U	0.00009 U	0.00009 U	0.00009 U	0.00009 U	0.0001 U	0.00009 U	0.00009 U
	3/20-22/18	0.00009 U	--	0.0001 U	0.00009 U	0.00009 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.00009 U	0.0001 U	0.00009 U	0.00009 U	0.0001 U
	9/25-27/18	0.0001 U	--	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
	3/19-21/19	0.0001 U	--	0.0001 U	0.0001 U	0.00009 U	0.00009 U	0.0001 U	0.0001 U	0.00009 U	0.00009 U	0.0001 U	0.00009 U	0.0001 U	0.0001 U
	9/10-12/19	--	--	0.00009 U	0.0001 UJ	0.0001 UJ	0.0001 UJ	0.0001 UJ	0.0001 U	0.0001 U	0.0001 UJ	0.0001 UJ	0.0001 UJ	0.0001 U	0.0001 U
	6/9-11/20	--	--	0.00010 U	0.00010 U	0.00010 U	0.00010 U	0.00010 U	0.00010 U	0.00010 U	0.00010 U	0.00010 U	0.00010 U	0.00010 U	0.00010 U
	11/2-5/20	--	--	0.00010 U	0.00010 U	0.00010 U	0.00010 U	0.00011 U	0.00011 U	0.00010 U	0.00010 U	0.00010 U	0.00010 U	0.00011 U	0.00011 U
	3/23-25/21	--	--	0.00013 U	0.00012 U	0.00013 U	0.00012 U	0.00012 U	0.00013 U	0.00012 U	0.00012 U	0.00012 U	0.00012 U	0.00012 U	0.00012 U
	9/21-23/21	ABANDONED	--	0.00012 U	0.00013 U	0.00012 U	0.00012 U	0.00013 U	0.00013 U	0.00013 U	0.00013 U	0.00012 U	0.00012 U	0.00013 U	0.00013 U
	3/22-24/22	ABANDONED	0.00014 U	0.00014 U	0.00013 U	0.00012 U	0.00013 U	0.00013 U	0.00013 U	0.00013 U	0.00015 U	0.00013 U	0.00012 U	0.00012 U	0.00012 U
	9/26-28/22	ABANDONED	0.00013 U	0.00013 U	0.00012 U	0.00013 U	0.00012 U	0.00013 U	0.00013 U	0.00013 U	0.00012 U	0.00012 UJ	0.00012 U	0.00013 U	0.00013 U
2-Methylnaphthalene 0.027	11/24/97	BRL	--	BRL	--	--	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	3/26/98	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	5/28/98	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/16/98	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/19/98	BRL	--	BRL	--	--	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	2/8/99	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	5/11/99	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/8-9/99	BRL	--	BRL	--	--	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	4/18-19/00	BRL	--	BRL	--	--	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	10/16/2000	BRL	--	BRL	--	--	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	4/10/01	BRL	--	BRL	--	--	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	11/7-8/01	BRL	--	BRL	--	--	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL

Table 4. Current and Historical Analytical Results

Union Carbide Corporation,
Woodbine, Camden County, Georgia



Constituent GWPS	Sample Dates	MW-24	MW-24A	MW-25	MW-41	MW-42	MW-10	MW-16	MW-19	MW-22	MW-31	MW-32	MW-33	MW-35	MW-36
		Todd Creek	Todd Creek	Todd Creek	Todd Creek	Todd Creek	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC
		Deep	Deep	Deep	Deep	Shallow	Shallow	Deep	Deep	Deep	Deep	Shallow	Deep	Deep	Shallow
2-Methylnaphthalene (continued) 0.027	4/16-17/02	BRL	--	BRL	--	--	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	10/30-31/02	0.00033 U	--	0.00033 U	--	--	0.00033 U	0.00033 U	0.00033 U	0.00033 U	0.00033 U	0.00033 U	0.00033 U	0.00033 U	0.00033 U
	4/21-24/03	0.0021 U	--	0.0021 U	--	--	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.0021 U
	10/14-16/03	0.0021 U	--	0.0021 U	--	--	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.0021 U
	4/20-21/04	0.0015 U	--	0.0015 U	--	--	0.0015 U	0.0015 U	0.0015 U	0.0015 U	0.0015 U	0.0015 U	0.0015 U	0.0015 U	0.0015 U
	10/18-20/04	0.0015 U	--	0.0015 U	--	--	0.04 U	0.0015 U	0.0015 U	0.0015 U	0.0015 U	0.0015 U	0.0015 U	0.0015 U	0.0015 U
	4/26-27/05	0.000164 U	--	0.000164 U	--	--	0.000164 U	0.000164 U	0.000164 U	0.000164 U	0.000164 U	0.000164 U	0.000164 U	0.000164 U	0.000164 U
	11/2-4/05	0.000216 U	--	0.000216 U	--	--	0.000216 U	0.000216 U	0.000216 U	0.000216 U	0.000216 U	0.000216 U	0.000216 U	0.000216 U	0.000216 U
	5/30-6/2/06	0.000216 U	--	0.000216 U	0.000216 U	0.000216 U	0.000216 U	0.000216 U	0.000216 U	0.000216 U	0.000216 U	0.000216 U	0.000216 U	0.000216 U	0.000216 U
	10/23-11/9/06	0.0025 UJ	--	0.00255 UJ	0.0025 UJ	0.00255 UJ	0.00255 UJ	0.0025 U	0.00255 U	0.00255 UJ	0.0025 U	0.00255 U	0.0025 U	0.0025 UJ	0.0025 U
	1/3-4/07	--	--	--	--	--	0.00255 U	--	--	--	--	--	--	--	--
	3/5-8/07	0.001 U	--	0.0009 U	0.001 U	0.001 U	0.001 U	0.0009 U	0.0009 U	0.001 U	0.001 U	0.0009 U	0.0009 U	0.001 U	0.001 U
	11/5-9/07	0.001 U	--	0.0009 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0009 U	0.001 U	0.001 U	0.001 U	0.0009 U	0.001 U
	4/1-3/08	0.001 U	--	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
	10/27-30/08	0.001 U	--	0.001 U	0.001 U	0.001 U	0.0009 U	0.001 U	0.0009 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
	3/16-19/09	0.001 U	--	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0009 U	0.001 U
	9/14-17/09	0.0009 U	--	0.001 U	0.001 U	0.001 U	0.001 U	0.0009 U	0.0009 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
	3/29-4/1/10	0.0009 U	--	0.001 U	0.001 UJ	0.001 UJ	0.001 U	0.0009 UJ	0.0009 UJ	0.001 U	0.0009 U	0.0009 U	0.001 U	0.0009 UJ	0.0009 UJ
	10/5-7/10	0.0009 U	--	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0009 U	0.001 U
	3/22-24/11	0.001 U	--	0.001 U	0.001 U	0.001 U	0.01 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0009 U
	9/27-29/11	0.0001 U	--	0.0001 U	0.0001 U	0.00009 U	0.00009 U	0.00009 U	0.0001 U	0.00009 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
	3/20-22/12	0.00009 U	--	0.0001 U	0.00009 U	0.00009 U	0.00009 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.00009 U	0.0001 U	0.0001 U
	9/25-27/12	0.00009 U	--	0.00009 U	0.0001 U	0.00009 U	0.00009 U	0.0001 U	0.0001 U	0.0002 J	0.0001 U	0.00009 U	0.0001 U	0.0001 U	0.00009 U
	3/25-28/13	0.0001 U	--	0.0001 U	0.0001 U	0.00009 U	0.0001 J	0.0001 U	0.0007	0.0001 U	0.0001 U	0.00009 U	0.0001 U	0.00009 U	0.00009 U
	9/24-26/13	0.0001 U	--	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.00009 U	0.001	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.00009 U
	3/25-27/14	0.0001 UJ	--	0.0001 UJ	0.0001 UJ	0.0001 UJ	0.0001 J	0.0001 U	0.002	0.0001 UJ	0.00009 UJ	0.00009 UJ	0.00009 U	0.0001 U	0.00009 U
	9/23-26/14	0.00009 U	--	0.0001 U	0.0001 U	0.0001 U	0.0001 UJ	0.00009 U	0.002	0.0001 U	0.0001 U	0.0001 UJ	0.0001 U	0.0001 U	0.00009 U
	3/24-26/15	0.0001 U	--	0.0001 U	0.0001 U	0.00009 U	0.0001 J	0.0001 U	0.002	0.0001 U	0.00009 U	0.0001 U	0.00009 U	0.00009 U	0.0001 U
	9/22-24/15	0.0001 U	--	0.00009 U	0.0001 U	0.0001 U	0.0001 J	0.0001 U	0.003	0.0001 U	0.00009 U	0.00009 U	0.0001 U	0.00009 U	0.00009 U
	3/22-24/16	0.0001 U	--	0.0001 U	0.0001 U	0.00009 U	0.0002 J	0.0001 U	0.002	0.00009 U	0.00009 U	0.0001 U	0.0001 U	0.00009 U	0.00009 U
	9/27-29/16	0.00009 U	--	0.00009 U	0.0001 U	0.00009 U	0.0001 J	0.00009 U	0.002	0.00009 U	0.00009 U	0.00009 UJ	0.0001 U	0.00009 U	0.00009 U
	3/28-30/17	0.0001 U	--	0.00009 U	0.00009 U	0.0001 U	0.0001 J	0.00009 U	0.002	0.00009 U	0.0001 U	0.00009 U	0.0001 U	0.0001 U	0.0001 U
	9/26-28/17	0.0001 U	--	0.00009 U	0.00009 U	0.00009 U	0.0002 J	0.00009 U	0.002	0.00009 U	0.00009 U	0.00009 U	0.0001 U	0.00009 U	0.00009 U
	3/20-22/18	0.00009 U	--	0.0001 U	0.00009 U	0.00009 U	0.0002 J	0.0001 U	0.002	0.0001 U	0.00009 U	0.0001 U	0.00009 U	0.00009 U	0.0001 U
	9/25-27/18	0.0001 U	--	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.001	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
	3/19-21/19	0.0001 U	--	0.0001 U	0.0001 U	0.00009 U	0.00009 U	0.0001 U	0.002	0.00009 U	0.00009 U	0.0001 U	0.00009 U	0.0001 U	0.0001 U
	9/10-12/19	--	--	0.00009 U	0.0001 UJ	0.0001 UJ	0.0001 J	0.0001 UJ	0.002	0.0001 U	0.0001 UJ	0.0001 UJ	0.0001 UJ	0.0001 U	0.0001 U
	6/9-11/20	--	--	0.00010 U	0.00010 U	0.00010 U	0.00010 U	0.00010 U	0.0016	0.00010 U	0.00010 U	0.00010 U	0.00010 U	0.00010 U	0.00010 U
	11/2-5/20	--	--	0.00010 U	0.00010 U	0.00010 U	0.00010 U	0.00011 U	0.0015	0.00010 U	0.00010 U	0.00010 U	0.00010 U	0.00011 U	0.00011 U
	3/23-25/21	--	--	0.00010 U	0.00010 U	0.00011 U	0.00018 J	0.00010 U	0.0010	0.00010 U	0.00010 U	0.00010 U	0.00010 U	0.00010 U	0.00010 U
	9/21-23/21	ABANDONED	--	0.00010 U	0.00011 U	0.00010 U	0.00015 J	0.00011 U	0.0016	0.00011 U	0.00011 U	0.00010 U	0.00010 U	0.00011 U	0.00011 U
	3/22-24/22	ABANDONED	0.00011 U	0.00012 U	0.00011 U	0.00010 U	0.00011 U	0.00011 U	0.0012	0.00011 U	0.00012 U	0.00011 U	0.00010 U	0.00010 U	0.00010 U
	9/26-28/22	ABANDONED	0.00011 U	0.00011 U	0.00010 U	0.00011 U	0.00010 U	0.00011 U	0.0011	0.00011 U	0.00010 U	0.00010 UJ	0.00010 U	0.00011 U	0.00011 U
m & p Cresol NA	11/24/97	BRL	--	BRL	--	--	0.036	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	3/26/98	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	5/28/98	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/16/98	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/19/98	BRL	--	BRL	--	--	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	2/8/99	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	5/11/99	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 4. Current and Historical Analytical Results

Union Carbide Corporation,
Woodbine, Camden County, Georgia



Constituent GWPS	Sample Dates	MW-24	MW-24A	MW-25	MW-41	MW-42	MW-10	MW-16	MW-19	MW-22	MW-31	MW-32	MW-33	MW-35	MW-36
		Todd Creek	Todd Creek	Todd Creek	Todd Creek	Todd Creek	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC
		Deep	Deep	Deep	Deep	Shallow	Shallow	Deep	Deep	Deep	Deep	Shallow	Deep	Deep	Shallow
m & p Cresol (continued) NA	11/8-9/99	BRL	--	BRL	--	--	0.063	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	4/18-19/00	BRL	--	BRL	--	--	0.13	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	10/16/2000	BRL	--	BRL	--	--	0.11	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	4/10/01	BRL	--	BRL	--	--	0.061	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	11/7-8/01	BRL	--	BRL	--	--	0.043	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	4/16-17/02	BRL	--	0.1 U	--	--	0.015	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	10/30-31/02	0.00071 U	--	0.00071 U	--	--	0.024	0.00071 U	0.00071 U	0.00071 U	0.00071 U	0.00071 U	0.00071 U	0.00071 U	0.00071 U
	4/21-24/03	0.001 U	--	0.001 U	--	--	0.0056 J	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
	10/14-16/03	0.001 U	--	0.001 U	--	--	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
	4/20-21/04	0.0015 U	--	0.0015 U	--	--	0.0015 U	0.0015 U	0.0015 U	0.0015 U	0.0015 U	0.0015 U	0.0015 U	0.0015 U	0.0015 U
	10/18-20/04	0.0015 U	--	0.0015 U	--	--	0.04 U	0.0015 U	0.0015 U	0.0015 U	0.0015 U	0.0015 U	0.0015 U	0.0015 U	0.0015 U
	4/26-27/05	0.000284 U	--	0.000284 U	--	--	0.000308 J	0.000284 U	0.000284 U	0.000284 U	0.000284 U	0.000284 U	0.000284 U	0.000284 U	0.000284 U
	11/2-4/05	0.000933 U	--	0.000933 U	--	--	0.000933 U	0.000933 U	0.000933 U	0.000933 U	0.000933 U	0.000933 U	0.000933 U	0.000933 U	0.000933 U
	5/30-6/2/06	0.000933 U	--	0.000933 U	0.000933 U	0.0921	0.00163 J	0.000933 U	0.000933 U	0.000933 U	0.000933 U	0.000933 U	0.000933 U	0.000933 U	0.000933 U
	10/23-11/9/06	0.0025 UJ	--	0.00255 UJ	0.044 J	0.00255 UJ	0.00255 UJ	0.0025 U	0.00255 UJ	0.00255 UJ	0.0025 UJ	0.00255 UJ	0.00255 UJ	0.0173 J	0.0025 UJ
	1/3-4/07	--	--	--	--	--	0.00255 U	--	--	--	--	--	--	--	--
	3/5-8/07	0.002 U	--	0.002 U	0.1	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.036	0.002 U
	11/5-9/07	0.002 U	--	0.002 U	0.16	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.029	0.003 J
	4/1-3/08	0.002 U	--	0.002 U	0.11	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.03	0.002 U
	10/27-30/08	0.002 U	--	0.002 U	0.13	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.032	0.002 U
	3/16-19/09	0.002 U	--	0.002 U	0.096	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.026	0.002 U
	9/14-17/09	0.002 U	--	0.002 U	0.15	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.022	0.002 U
	3/29-4/1/10	0.002 U	--	0.002 U	0.081	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.011 J	0.002 U
	10/5-7/10	0.002 U	--	0.002 U	0.11	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.008	0.002 U
	3/22-24/11	0.002 U	--	0.002 U	0.11	0.002 U	0.02 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.009	0.003 U
	9/27-29/11	0.0005 U	--	0.0005 U	0.14	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.002	0.0005 U
m-cresol (3-methylphenol) 0.716	3/20-22/12	0.0005 U	--	0.0005 U	0.11	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
	9/25-27/12	0.0005 U	--	0.0005 U	0.17	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0007 J
	3/25-28/13	0.0005 U	--	0.0005 U	0.14	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
	9/24-26/13	0.0005 U	--	0.0005 U	0.14	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
	3/25-27/14	0.0005 UJ	--	0.0005 UJ	0.15 J	0.0005 UJ	0.0005 U	0.0005 U	0.0005 U	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.0005 U	0.0005 U	0.0005 U
	9/23-26/14	0.0005 U	--	0.0005 U	0.099	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
	3/24-26/15	0.0005 U	--	0.0005 U	0.18 J	0.0005 U	0.0005 U	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.0005 U	0.0005 U	0.0005 U	0.0005 UJ	0.0005 UJ
	9/22-24/15	0.0005 UJ	--	0.0005 UJ	0.097 UJ	0.0005 UJ	0.0005 UJ	0.0005 U	0.0005 U	0.0005 U	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.0005 UJ
	3/22-24/16	0.0005 UJ	--	0.0005 UJ	0.044 J	0.0005 UJ	0.0005 U	0.0005 UJ	0.0005 UJ	0.0005 U	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.0005 UJ
	9/27-29/16	0.0005 U	--	0.0005 U	0.079	0.0005 U	0.0005 UJ	0.0005 UJ	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 UJ	0.0005 U	0.0005 U
	3/28-30/17	0.0005 UJ	--	0.0005 U	0.063	0.0005 U	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.0005 UJ
	9/26-28/17	0.0005 U	--	0.0005 U	0.036	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
	3/20-22/18	0.0005 U	--	0.0005 U	0.015	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
	9/25-27/18	0.002 U	--	0.002 U	0.004 J	0.002 U	0.002 UJ	0.002 UJ	0.002 UJ	0.002 UJ	0.002 UJ	0.002 U	0.002 UJ	0.002 UJ	0.002 UJ
	3/19-21/19	0.0005 U	--	0.0005 U	0.003	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
	9/10-12/19	--	--	0.0005 UJ	0.001 J	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.0005 U	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.0005 U	0.0005 U
	6/9-11/20	--	--	0.00050 UJ	0.00059 J	0.00050 UJ	0.00052 U	0.00051 U	0.00052 UJ	0.00051 U	0.00050 UJ	0.00050 UJ	0.00051 U	0.00050 UJ	0.00051 UJ
	11/2-5/20	--	--	0.00050 UJ	0.00050 U	0.00050 U	0.00052 UJ	0.00053 UJ	0.00053 U	0.00051 UJ	0.00052 U	0.00052 U	0.00050 UJ	0.00053 U	0.00053 U
	3/23-25/21	--	--	0.00052 UJ	0.00052 UJ	0.00055 UJ	0.00050 UJ	0.00051 UJ	0.00053 UJ	0.00051 UJ	0.00051 UJ	0.00051 UJ	0.00050 UJ	0.00050 UJ	0.00051 UJ
	9/21-23/21	ABANDONED	--	0.00052 U	0.00057 U	0.00052 U	0.00052 UJ	0.00054 U	0.00053 U	0.00053 U	0.00053 U	0.00052 U	0.00050 UJ	0.00056 U	0.00066 J
	3/22-24/22	ABANDONED	0.00057 U	0.00058 U	0.00056 U	0.00051 U	0.00054 U	0.00053 U	0.00054 U	0.00053 U	0.00062 U	0.00053 U	0.00050 U	0.00050 U	0.00051 U
	9/26-28/22	ABANDONED	0.00056 UJ	0.00053 UJ	0.00051 UJ	0.00053 UJ	0.00052 UJ	0.00055 UJ	0.00055 UJ	0.00055 UJ	0.00051 UJ	0.00050 UJ	0.00051 UJ	0.00054 UJ	0.00055 UJ
p-cresol (4-methylphenol) 0.072	3/20-22/12	0.0005 U	--	0.0005 U	0.018	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
	9/25-27/12	0.0005 U	--	0.0005 U	0.023	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.002

Table 4. Current and Historical Analytical Results
Union Carbide Corporation,
Woodbine, Camden County, Georgia



Constituent GWPS	Sample Dates	MW-24	MW-24A	MW-25	MW-41	MW-42	MW-10	MW-16	MW-19	MW-22	MW-31	MW-32	MW-33	MW-35	MW-36
		Todd Creek	Todd Creek	Todd Creek	Todd Creek	Todd Creek	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC
		Deep	Deep	Deep	Deep	Shallow	Shallow	Deep	Deep	Deep	Deep	Shallow	Deep	Deep	Shallow
p-cresol (4-methylphenol) (continued) 0.072	3/25-28/13	0.0005 U	--	0.0005 U	0.019	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
	9/24-26/13	0.0005 U	--	0.0005 U	0.019	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
	3/25-27/14	0.0005 UJ	--	0.0005 UJ	0.019 J	0.0005 UJ	0.0005 U	0.0005 U	0.0005 U	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.0005 U	0.0005 U	0.0005 U
	9/23-26/14	0.0005 UJ	--	0.0005 UJ	0.018 J	0.0005 UJ	0.0005 U	0.0005 UJ	0.0005 U	0.0005 U	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.0005 UJ
	3/24-26/15	0.0005 U	--	0.0005 U	0.023	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
	9/22-24/15	0.0005 UJ	--	0.0005 UJ	0.015 UJ	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.0005 UJ
	3/22-24/16	0.0005 UJ	--	0.0005 UJ	0.007 J	0.0005 UJ	0.0005 U	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.0005 U	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.0005 UJ
	9/27-29/16	0.0005 U	--	0.0005 U	0.011	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
	3/28-30/17	0.0005 UJ	--	0.0005 UJ	0.009 J	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.0005 UJ
	9/26-28/17	0.0005 U	--	0.0005 U	0.006	0.0005 U	0.0005 UJ	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
	3/20-22/18	0.0005 U	--	0.0005 U	0.003	0.0005 U	0.0005 UJ	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
	9/25-27/18	0.002 U	--	0.002 U	0.002 U	0.002 U	0.002 UJ	0.002 UJ	0.002 UJ	0.002 UJ	0.002 UJ	0.002 UJ	0.002 U	0.002 UJ	0.002 UJ
	3/19-21/19	0.0005 U	--	0.0005 U	0.001	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
	9/10-12/19	--	--	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.0005 U	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.0005 U
	6/9-11/20	--	--	0.00050 UJ	0.00050 UJ	0.00050 UJ	0.00052 U	0.00051 U	0.00052 U	0.00051 U	0.00050 UJ	0.00050 UJ	0.00051 U	0.00050 U	0.00051 U
	11/2-5/20	--	--	0.00050 UJ	0.00050 U	0.00050 U	0.00052 UJ	0.00053 UJ	0.00053 U	0.00051 UJ	0.00052 U	0.00052 U	0.00050 UJ	0.00053 U	0.00053 U
	3/23-25/21	--	--	0.00052 UJ	0.00052 UJ	0.00055 UJ	0.00050 UJ	0.00051 UJ	0.00053 UJ	0.00051 UJ	0.00051 UJ	0.00051 UJ	0.00050 UJ	0.00050 UJ	0.00051 UJ
	9/21-23/21	ABANDONED	--	0.00052 U	0.00057 U	0.00052 U	0.00052 U	0.00054 U	0.00053 U	0.00053 U	0.00053 U	0.00052 U	0.00050 U	0.00056 U	0.00072 J
	3/22-24/22	ABANDONED	0.00057 U	0.00058 U	0.00056 U	0.00051 U	0.00054 U	0.00053 U	0.00054 U	0.00053 U	0.00062 U	0.00053 U	0.00050 U	0.00050 U	0.00051 U
	9/26-28/22	ABANDONED	0.00056 UJ	0.00053 UJ	0.00051 UJ	0.00053 UJ	0.00052 UJ	0.00055 UJ	0.00055 UJ	0.00055 UJ	0.00051 UJ	0.00050 UJ	0.00051 UJ	0.00054 UJ	0.00055 UJ
Naphthalene 0.0010	11/24/97	BRL	--	BRL	--	--	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	3/26/98	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	5/28/98	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/16/98	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/19/98	BRL	--	BRL	--	--	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	2/8/99	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	5/11/99	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/8-9/99	BRL	--	BRL	--	--	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	4/18-19/00	BRL	--	BRL	--	--	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	10/16/00	BRL	--	BRL	--	--	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	4/10/01	BRL	--	BRL	--	--	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	11/7-8/01	BRL	--	BRL	--	--	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	4/16-17/02	BRL	--	BRL	--	--	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	10/30-31/02	0.00036 U	--	0.00036 U	--	--	0.019	0.00036 U	0.00036 U	0.00036 U	0.00036 U	0.00036 U	0.00036 U	0.00036 U	0.00036 U
	4/21-24/03	0.001 U	--	0.001 U	--	--	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
	10/14-16/03	0.001 U	--	0.001 U	--	--	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
	4/20-21/04	0.0016 U	--	0.0016 U	--	--	0.0016 U	0.0016 U	0.0016 U	0.0016 U	0.0016 U	0.0016 U	0.0016 U	0.0016 U	0.0016 U
	10/18-20/04	0.0016 U	--	0.0016 U	--	--	0.04 U	0.0016 U	0.0016 U	0.0016 U	0.0016 U	0.0016 U	0.0016 U	0.0016 U	0.0016 U
	4/26-27/05	0.000211 U	--	0.000211 U	--	--	0.000211 U	0.000211 U	0.000211 U	0.000211 U	0.000211 U	0.000211 U	0.000211 U	0.000211 U	0.000211 U
	11/2-4/05	0.000211 U	--	0.000211 U	--	--	0.0024 J	0.000211 U	0.000211 U	0.000211 U	0.000211 U	0.000211 U	0.000211 U	0.000211 U	0.000211 U
	5/30-7/5/06	0.000211 U	--	0.000211 U	0.000211 U	0.000211 U	0.000211 UJ	0.000211 UJ	0.000211 UJ	0.000211 U	0.000211 U	0.000211 U	0.000211 U	0.000211 UJ	0.000211 UJ
	10/23-11/9/06	0.0025 U	--	0.00255 U	0.0025 U	0.00255 U	0.00255 UJ	0.0025 U	0.00255 U	0.00255 U	0.0025 U	0.00255 U	0.0025 U	0.0025 UJ	0.0025 U
	1/3-4/07	--	--	--	--	--	0.00255 U	--	--	--	--	--	--	--	--
	3/5-8/07	0.001 U	--	0.0009 U	0.001 U	0.001 U	0.001 J	0.0009 U	0.0009 U	0.001 U	0.001 U	0.0009 U	0.0009 U	0.001 U	0.001 U
	11/5-9/07	0.001 U	--	0.0009 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0009 U	0.001 U	0.001 U	0.001 U	0.0009 U	0.001 U
	4/1-3/08	0.001 U	--	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
	10/27-30/08	0.001 U	--	0.001 U	0.001 U	0.001 U	0.002 J	0.001 U	0.0009 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
	3/16-19/09	0.001 U	--	0.001 U	0.001 U	0.001 U	0.002 J	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0009 U	0.001 U
	9/14-17/09	0.0009 U	--	0.001 U	0.001 U	0.001 U	0.002 J	0.0009 U	0.0009 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
	3/29-4/1/10	0.0009 U	--	0.001 U	0.001 UJ	0.001 UJ	0.002 J	0.0009 UJ	0.0009 UJ	0.001 U	0.0009 U	0.0009 U	0.001 U	0.0009 UJ	0.0009 UJ

Table 4. Current and Historical Analytical Results

Union Carbide Corporation,
Woodbine, Camden County, Georgia



Constituent GWPS	Sample Dates	MW-24	MW-24A	MW-25	MW-41	MW-42	MW-10	MW-16	MW-19	MW-22	MW-31	MW-32	MW-33	MW-35	MW-36
		Todd Creek	Todd Creek	Todd Creek	Todd Creek	Todd Creek	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC
		Deep	Deep	Deep	Deep	Shallow	Shallow	Deep	Deep	Deep	Deep	Shallow	Deep	Deep	Shallow
Naphthalene (continued) 0.0010	10/5-7/10	0.0009 U	--	0.001 U	0.001 U	0.001 U	0.001 J	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0009 U	0.001 U
	3/22-24/11	0.001 U	--	0.001 U	0.001 U	0.001 U	0.01 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0009 U
	9/27-29/11	0.0001 J	--	0.0001 J	0.0001 U	0.00009 U	0.002	0.0001 J	0.0001 U	0.00009 U	0.0001 U	0.0001 U	0.0001 J	0.0001 U	0.0001 U
	3/20-22/12	0.00009 U	--	0.0001 U	0.0004 J	0.00009 U	0.002	0.0002 J	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.00009 U	0.0001 U	0.0001 U
	9/25-27/12	0.00009 U	--	0.00009 U	0.0001 U	0.00009 U	0.002	0.0001 U	0.00009 U	0.0001 U	0.00009 U	0.0001 U	0.0001 U	0.0001 U	0.00009 U
	3/25-28/13	0.0001 U	--	0.0001 U	0.0002 J	0.00009 U	0.002	0.0001 U	0.002	0.0001 U	0.0001 U	0.00009 U	0.0001 U	0.00009 U	0.00009 U
	9/24-26/13	0.0001 U	--	0.0001 J	0.001	0.0001 U	0.002	0.0001 J	0.017	0.0001 U	0.0001 U	0.0001 U	0.0005	0.0001 U	0.00009 U
	3/25-27/14	0.0001 UJ	--	0.0001 UJ	0.0003 J	0.0001 UJ	0.002	0.0001 J	0.013	0.0001 UJ	0.00009 UJ	0.00009 UJ	0.0003 J	0.0001 U	0.00009 U
	9/23-26/14	0.00009 U	--	0.0001 U	0.0001 U	0.0001 U	0.003 J	0.00009 U	0.002	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.00009 U
	3/24-26/15	0.0001 U	--	0.0001 U	0.0002 J	0.00009 U	0.005	0.0001 UJ	0.002 J	0.0001 UJ	0.00009 U	0.0001 U	0.00009 U	0.00009 UJ	0.0001 UJ
	9/22-24/15	0.0001 U	--	0.00009 U	0.001	0.0001 U	0.005	0.0001 U	0.002	0.0001 U	0.00009 U	0.00009 U	0.0001 U	0.00009 U	0.00009 U
	3/22-24/16	0.0001 U	--	0.0001 U	0.0001 U	0.00009 U	0.005	0.0001 J	0.001	0.00009 U	0.00009 U	0.0001 U	0.0001 U	0.00009 U	0.00009 U
	9/27-29/16	0.00009 U	--	0.00009 U	0.0002 J	0.00009 U	0.008	0.00009 U	0.006	0.00009 U	0.00009 U	0.00009 UJ	0.0003 J	0.00009 U	0.00009 U
	3/28-30/17	0.0001 U	--	0.00009 U	0.0002 J	0.0001 U	0.006	0.00009 U	0.001	0.00009 U	0.0001 U	0.00009 U	0.0001 U	0.0001 U	0.0001 U
	9/26-28/17	0.0001 U	--	0.00009 U	0.00009 U	0.00009 U	0.003	0.00009 U	0.001	0.00009 U	0.00009 U	0.00009 U	0.0001 U	0.00009 U	0.00009 U
	3/20-22/18	0.00009 U	--	0.0001 U	0.00009 U	0.00009 U	0.003	0.0001 U	0.002	0.0001 U	0.00009 U	0.0001 U	0.00009 U	0.00009 U	0.0001 U
	9/25-27/18	0.0001 U	--	0.0001 U	0.0001 U	0.0001 U	0.002	0.0001 U	0.009	0.0001 U	0.0001 U	0.0001 U	0.0003 J	0.0001 U	0.0001 U
	3/19-21/19	0.0001 U	--	0.0001 U	0.0002 J	0.00009 U	0.002	0.0001 U	0.001	0.00009 U	0.00009 U	0.0001 U	0.00009 U	0.0001 U	0.0001 U
	9/10-12/19	--	--	0.0005	0.0001 UJ	0.0001 UJ	0.003 J	0.0001 UJ	0.011	0.0001 U	0.0001 UJ	0.0001 UJ	0.0001 UJ	0.0001 U	0.0001 U
	6/9-11/20	--	--	0.00010 U	0.00010 U	0.00010 U	0.0029	0.00010 U	0.0012	0.00010 U	0.00010 U	0.00010 U	0.00010 U	0.00010 U	0.00010 U
	11/2-5/20	--	--	0.00010 U	0.00010 U	0.00010 U	0.0037	0.00011 U	0.00092	0.00010 U	0.00010 U	0.00010 U	0.00010 U	0.00011 U	0.00011 U
	3/23-25/21	--	--	0.00010 U	0.00010 U	0.00011 U	0.0033	0.00010 U	0.00079	0.00010 U	0.00010 U	0.00010 U	0.00010 U	0.00010 U	0.00010 U
	9/21-23/21	ABANDONED	--	0.00010 U	0.00011 U	0.00010 U	0.0018	0.00011 U	0.00096	0.00011 U	0.00011 U	0.00010 U	0.00013 J	0.00011 U	0.00011 U
	3/22-24/22	ABANDONED	0.00011 U	0.00012 U	0.00011 U	0.00010 U	0.0019	0.00011 U	0.0070	0.00011 U	0.00012 U	0.00011 U	0.00010 U	0.00010 U	0.00010 U
	9/26-28/22	ABANDONED	0.00011 U	0.00011 U	0.00010 U	0.00011 U	0.00098	0.00011 U	0.0058	0.00011 U	0.00010 U	0.00010 UJ	0.00010 U	0.00011 U	0.00011 U
Phenanthrene 0.011	11/7/07	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	10/29/08	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/16/09	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	10/6/10	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/29/11	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/27/12	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/26/13	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/25/14	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/24-26/15	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/22-24/15	0.0001 U	--	0.00009 U	0.0001 U	0.0001 U	0.00009 U	0.0001 U	0.00009 U	0.0001 U	0.00009 U	0.00009 U	0.0001 U	0.00009 U	0.00009 U
	3/22-24/16	0.0001 U	--	0.0001 U	0.0001 U	0.00009 U	0.00009 U	0.0001 U	0.00009 U	0.00009 U	0.00009 U	0.0001 U	0.0001 U	0.00009 U	0.00009 U
	9/27-29/16	0.00009 U	--	0.00009 U	0.0001 U	0.00009 U	0.0001 J	0.00009 U	0.0001 U	0.00009 U	0.00009 U	0.00009 UJ	0.0001 U	0.00009 U	0.00009 U
	3/28-30/17	0.0001 U	--	0.00009 U	0.00009 U	0.0001 U	0.00009 U	0.00009 U	0.0001 U	0.00009 U	0.0001 U	0.00009 U	0.0001 U	0.0001 U	0.0001 U
	9/26-28/17	0.0001 U	--	0.00009 U	0.00009 U	0.00009 U	0.00009 U	0.00009 U	0.00009 U	0.00009 U	0.00009 U	0.00009 U	0.0001 U	0.00009 U	0.00009 U
	3/20-22/18	0.00009 U	--	0.0001 U	0.00009 U	0.00009 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.00009 U	0.0001 U	0.00009 U	0.0001 U
	9/25-27/18	0.0001 U	--	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
	3/19-21/19	0.0001 U	--	0.0001 U	0.0001 U	0.00009 U	0.00009 U	0.0001 U	0.0001 U	0.00009 U	0.00009 U	0.0001 U	0.00009 U	0.0001 U	0.0001 U
	9/10-12/19	--	--	0.00009 U	0.0001 UJ	0.0001 UJ	0.0001 UJ	0.0001 UJ	0.0001 U	0.0001 U	0.0001 UJ	0.0001 UJ	0.0001 UJ	0.0001 UJ	0.0001 U
	6/9-11/20	--	--	0.00010 U	0.00010 U	0.00010 U	0.00010 U	0.00010 U	0.00010 U	0.00010 U	0.00010 U	0.00010 U	0.00010 U	0.00013 J	0.00010 U
	11/2-5/20	--	--	0.00010 U	0.00010 U	0.00010 U	0.00010 U	0.00011 U	0.00011 U	0.00010 U	0.00010 U	0.00010 U	0.00010 U	0.00011 U	0.00011 U
	3/23-25/21	--	--	0.00012 U	0.00011 U	0.00012 U	0.00011 U	0.00011 U	0.00012 U	0.00011 U	0.00011 U	0.00011 U	0.00011 U	0.00011 U	0.00011 U
	9/21-23/21	ABANDONED	--	0.00011 U	0.00012 U	0.00011 U	0.00011 U	0.00012 U	0.00012 U	0.00012 U	0.00012 U	0.00011 U	0.00011 U	0.00012 U	0.00012 U
	3/22-24/22	ABANDONED	0.00012 U	0.00013 U	0.00012 U	0.00011 U	0.00012 U	0.00012 U	0.00012 U	0.00012 U	0.00014 U	0.00012 U	0.00011 U	0.00011 U	0.00011 U
	9/26-28/22	ABANDONED	0.00012 U	0.00012 U	0.00011 U	0.00012 U	0.00011 U	0.00012 U	0.00012 U	0.00012 U	0.00011 U	0.00011 UJ	0.00011 U	0.00012 U	0.00012 U
Phenol 4.475	11/24/97	BRL	--	BRL	--	--	0.014	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	3/26/98	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 4. Current and Historical Analytical Results
Union Carbide Corporation,
Woodbine, Camden County, Georgia



Constituent GWPS	Sample Dates	MW-24	MW-24A	MW-25	MW-41	MW-42	MW-10	MW-16	MW-19	MW-22	MW-31	MW-32	MW-33	MW-35	MW-36
		Todd Creek	Todd Creek	Todd Creek	Todd Creek	Todd Creek	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC
		Deep	Deep	Deep	Deep	Shallow	Shallow	Deep	Deep	Deep	Deep	Shallow	Deep	Deep	Shallow
Phenol (continued) 4.475	5/28/98	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/16/98	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/19/98	BRL	--	BRL	--	--	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	2/8/99	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	5/11/99	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/8-9/99	BRL	--	BRL	--	--	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	4/18-19/00	BRL	--	BRL	--	--	0.26	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	10/16/2000	BRL	--	BRL	--	--	0.2	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	4/10/01	BRL	--	BRL	--	--	0.107	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	11/7-8/01	BRL	--	BRL	--	--	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	4/16-17/02	BRL	--	BRL	--	--	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	10/30-31/02	0.00028 U	--	0.00028 U	--	--	0.0013 J	0.00028 U	0.00028 U	0.00028 U	0.00028 U	0.00028 U	0.00028 U	0.00028 U	0.00028 U
	4/21-24/03	0.001 U	--	0.001 U	--	--	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
	10/14-16/03	0.001 U	--	0.001 U	--	--	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
	4/20-21/04	0.0013 U	--	0.0013 U	--	--	0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0013 U
	10/18-20/04	0.0013 U	--	0.0013 U	--	--	0.04 U	0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0013 U
	4/26-27/05	0.000132 U	--	0.000132 U	--	--	0.000132 U	0.000132 U	0.000132 U	0.000132 U	0.000132 U	0.000132 U	0.000132 U	0.000132 U	0.000132 U
	11/2-4/05	0.000132 U	--	0.000132 U	--	--	0.000132 U	0.000132 U	0.000132 U	0.000132 U	0.000132 U	0.000132 U	0.000132 U	0.000132 U	0.000132 U
	5/30-6/2/06	0.000132 UJ	--	0.000132 UJ	0.000132 UJ	0.0683 J	0.000132 UJ	0.000132 U	0.000132 U	0.000132 U	0.000132 UJ	0.000132 UJ	0.000132 UJ	0.000132 UJ	0.000132 UJ
	10/23-11/9/06	0.0025 UJ	--	0.00255 UJ	0.0296 J	0.00255 UJ	0.00255 UJ	0.0025 UJ	0.00255 UJ	0.00255 UJ	0.0025 UJ	0.00255 UJ	0.0025 UJ	0.0025 UJ	0.0025 U
	1/3-4/07	--	--	--	--	--	0.00255 U	--	--	--	--	--	--	--	--
	03/5-8/07	0.001 U	--	0.0009 U	0.082	0.001 U	0.001 U	0.0009 U	0.0009 U	0.001 U	0.001 U	0.0009 U	0.0009 U	0.001 U	0.001 U
	11/5-9/07	0.001 U	--	0.0009 U	0.13	0.001 U	0.001 U	0.001 U	0.001 U	0.0009 U	0.001 U	0.001 U	0.001 U	0.0009 U	0.001 U
	4/1-3/08	0.001 U	--	0.001 U	0.11	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
	10/27-30/08	0.001 U	--	0.001 U	0.11	0.001 U	0.0009 U	0.001 U	0.0009 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
	3/16-19/09	0.001 U	--	0.001 U	0.11	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0009 U	0.001 U
	9/14-17/09	0.0009 U	--	0.001 U	0.13	0.001 U	0.001 U	0.0009 U	0.0009 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
	3/29-4/1/10	0.0009 U	--	0.001 U	0.047	0.001 U	0.001 U	0.0009 U	0.0009 U	0.001 U	0.0009 U	0.0009 U	0.001 U	0.0009 U	0.0009 U
	10/5-7/10	0.0009 U	--	0.001 U	0.062	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0009 U	0.001 U
	3/22-24/11	0.001 U	--	0.001 U	0.061	0.001 U	0.01 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0009 U
	9/27-29/11	0.0005 U	--	0.0005 U	0.1	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
	3/20-22/12	0.0005 U	--	0.0005 U	0.07	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
	9/25-27/12	0.0005 U	--	0.0005 U	0.072	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
	3/25-28/13	0.0005 U	--	0.0005 U	0.07	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
	9/24-26/13	0.0005 U	--	0.0005 U	0.063	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
	3/25-27/14	0.0005 UJ	--	0.0005 UJ	0.074 J	0.0005 UJ	0.0005 U	0.0005 U	0.0005 U	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.0005 U	0.0005 U	0.0005 U
	9/23-26/14	0.0005 UJ	--	0.0005 UJ	0.078	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 UJ	0.0005 UJ	0.0005 UJ
	3/24-26/15	0.0005 U	--	0.0005 U	0.066	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
	9/22-24/15	0.0005 U	--	0.0005 U	0.065	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
	3/22-24/16	0.0005 U	--	0.0005 U	0.04	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
	9/27-29/16	0.0005 U	--	0.0005 U	0.042	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 UJ	0.0005 U	0.0005 U	0.0005 U
	3/28-30/17	0.0005 U	--	0.0005 U	0.026	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
	9/26-28/17	0.0005 U	--	0.0005 U	0.015	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
	3/20-22/18	0.0005 U	--	0.0005 U	0.004	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
	9/25-27/18	0.0005 U	--	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
	3/19-21/19	0.0005 U	--	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
	9/10-12/19	--	--	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
	6/9-11/20	--	--	0.00050 U	0.00050 U	0.00050 U	0.00052 U	0.00051 U	0.00052 U	0.00051 U	0.00050 U	0.00050 U	0.00051 U	0.00050 U	0.00051 U
	11/2-5/20	--	--	0.00050 U	0.00050 U	0.00050 U	0.00052 U	0.00053 U	0.00053 U	0.00051 U	0.00052 U	0.00052 U	0.00050 U	0.00053 U	0.00053 U

Table 4. Current and Historical Analytical Results
Union Carbide Corporation,
Woodbine, Camden County, Georgia



Constituent GWPS	Sample Dates	MW-24	MW-24A	MW-25	MW-41	MW-42	MW-10	MW-16	MW-19	MW-22	MW-31	MW-32	MW-33	MW-35	MW-36
		Todd Creek	Todd Creek	Todd Creek	Todd Creek	Todd Creek	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC
		Deep	Deep	Deep	Deep	Shallow	Shallow	Deep	Deep	Deep	Deep	Shallow	Deep	Deep	Shallow
Phenol (continued) 4.475	3/23-25/21	--	--	0.00052 U	0.00052 U	0.00055 U	0.00050 U	0.00051 U	0.00053 U	0.00051 U	0.00051 U	0.00051 U	0.00050 U	0.00050 U	0.00050 U
	9/21-23/21	ABANDONED	--	0.00052 U	0.00055 U	0.00050 U	0.00052 U	0.00054 U	0.00053 U	0.00053 U	0.00053 U	0.00052 U	0.00050 U	0.00056 U	0.00053 U
	3/22-24/22	ABANDONED	0.00057 U	0.00058 U	0.00056 U	0.00051 U	0.00054 U	0.00053 U	0.00054 U	0.00053 U	0.00062 U	0.00053 U	0.00050 U	0.00050 U	0.00051 U
	9/26-28/22	ABANDONED	0.00056 U	0.00053 U	0.00051 U	0.00053 U	0.00052 U	0.00055 U	0.00055 U	0.00055 U	0.00050 U	0.00050 U	0.00051 U	0.00054 U	0.00055 U
Pyridine 0.015	10/30-31/02	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	10/14-16/03	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	10/18-20/04	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	1/19/06	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	5/30-6/2/06	0.00365 U	--	0.00365 U	0.00365 U	0.00365 U	0.00365 UJ	0.00365 U	0.00365 U	0.00365 UJ	0.00365 U	0.00365 U	0.00365 UJ	0.00365 U	0.00365 U
	10/23-11/9/06	0.025 UJ	--	0.0255 UJ	0.025 UJ	0.0255 UJ	--	0.025 U	0.0255 UJ	0.0255 UJ	0.025 UJ	0.0255 UJ	0.025 UJ	0.025 UJ	0.025 U
	1/3-4/07	--	--	--	--	--	0.0102 U	--	--	--	--	--	--	--	--
	03/5-8/07	0.002 U	--	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
	11/5-9/07	0.002 U	--	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
	4/1-3/08	0.002 U	--	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
	10/27-30/08	0.002 U	--	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
	3/16-19/09	0.002 U	--	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
	9/14-17/09	0.002 U	--	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
	3/29-4/1/10	0.002 U	--	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
	10/5-7/10	0.002 U	--	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
	3/22-24/11	0.002 U	--	0.002 U	0.002 U	0.002 U	0.02 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.003 U	0.002 U
	9/27-29/11	0.002 U	--	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
	3/20-22/12	0.002 U	--	0.002 U	0.081	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
	9/25-27/12	0.002 U	--	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 J	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
	3/25-28/13	0.002 U	--	0.002 U	0.058	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
	9/24-26/13	0.002 U	--	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
	3/25-27/14	0.002 UJ	--	0.002 UJ	0.065 J	0.002 UJ	0.002 U	0.002 U	0.002 U	0.002 UJ	0.002 UJ	0.002 UJ	0.002 U	0.002 U	0.002 U
	9/23-26/14	0.002 U	--	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
	3/24-26/15	0.002 U	--	0.002 U	0.006	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
	9/22-24/15	0.002 U	--	0.002 U	0.012	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
	3/22-24/16	0.002 U	--	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
	9/27-29/16	0.002 U	--	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 UJ	0.002 U	0.002 U	0.002 U
	3/28-30/17	0.002 U	--	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
	9/26-28/17	0.002 U	--	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
	3/20-22/18	0.002 U	--	0.002 U	0.018	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
	9/25-27/18	0.002 U	--	0.002 U	0.009	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
	3/19-21/19	0.002 U	--	0.002 U	0.005 J	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
	9/10-12/19	--	--	0.002 U	0.004 J	0.002 UJ	0.002 UJ	0.002 UJ	0.002 U	0.002 U	0.002 UJ	0.002 UJ	0.002 UJ	0.002 U	0.002 U
	6/9-11/20	--	--	0.0020 U	0.0040 J	0.0020 U	0.0021 U	0.0020 U	0.0021 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U
	11/2-5/20	--	--	0.0020 U	0.0066	0.0020 U	0.0021 U	0.0021 U	0.0021 U	0.0020 U	0.0021 U	0.0021 U	0.0020 U	0.0021 U	0.0021 U
	3/23-25/21	--	--	0.0021 R	0.0073 J	0.0022 R	0.0020 R	0.0020 U	0.0021 U	0.0020 U	0.0020 R	0.0020 R	0.0020 U	0.0020 U	0.0020 U
	9/21-23/21	ABANDONED	--	0.0021 U	0.0022 U	0.0020 U	0.0021 U	0.0022 U	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.0020 U	0.0022 U	0.0021 U
	3/22-24/22	ABANDONED	0.0023 U	0.0023 U	0.0041 J	0.0020 U	0.0021 U	0.0021 U	0.0022 U	0.0021 U	0.0025 U	0.0021 U	0.0020 U	0.0020 U	0.0021 U
	9/26-28/22	ABANDONED	0.0022 U	0.0021 U	0.0049 J	0.0021 U	0.0021 U	0.0022 U	0.0022 U	0.0022 U	0.0020 U	0.0020 UJ	0.0020 U	0.0022 U	0.0022 U
Formaldehyde 0.0020	10/30-31/02	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	10/14-16/03	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	10/18-20/04	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/3/05	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	1/19/06	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	10/23-11/9/06	0.0449 J	--	0.025 U	0.261 J	0.0994 J	0.0508	0.0486 J	0.0516	0.025 U	0.0553	0.025 U	0.156	0.025 U	0.0547 J
	3/5-8/07	0.019 J	--	0.064 J	0.33 J	0.088 J	0.07 J	0.042 J	0.074 J	0.049 J	0.054 J	0.018 J	0.2 J	0.048 J	0.014 J
	11/5-9/07	0.54	--	0.065	0.66 J	0.12	0.15 J	0.098	0.082	0.018 J	4.8 J	0.041 J	0.2	0.023 J	0.031 J

Table 4. Current and Historical Analytical Results
Union Carbide Corporation,
Woodbine, Camden County, Georgia



Constituent GWPS	Sample Dates	MW-24	MW-24A	MW-25	MW-41	MW-42	MW-10	MW-16	MW-19	MW-22	MW-31	MW-32	MW-33	MW-35	MW-36
		Todd Creek	Todd Creek	Todd Creek	Todd Creek	Todd Creek	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC
		Deep	Deep	Deep	Deep	Shallow	Shallow	Deep	Deep	Deep	Deep	Shallow	Deep	Deep	Shallow
Formaldehyde (continued) 0.0020	4/1-3/08	0.022 J	--	0.027 J	0.042 J	0.01 U	0.16	0.094	0.049 J	0.016 J	0.051	0.01 J	0.2	0.013 J	0.099
	10/27-30/08	0.022 J	--	0.029 J	0.043 J	0.088	0.094	0.079	0.075	0.012 J	0.075	0.02 J	0.23	0.015 J	0.12
	3/16-19/09	0.01 U	--	0.019 J	0.067	0.058	0.11	0.044 J	0.044 J	0.01 U	0.036 J	0.01 U	0.18	0.01 U	0.01 U
	9/14-17/09	0.045 J	--	0.069	0.088 J	0.19	0.12 J	0.083	0.067	0.027 J	0.081	0.026 J	0.22	0.026 J	0.017 J
	3/29-4/1/10	0.096	--	0.088 J	0.51 J	0.2 J	0.13	0.18 J	0.18 J	0.05 J	0.13	0.045 J	0.27 J	0.041 J	0.059 J
	10/5-7/10	0.15	--	0.19	0.32	0.26	0.15	0.25	0.21	0.041 J	0.21	0.15	0.25	0.076	0.023 J
	3/22-24/11	0.017 J	--	0.037 J	0.087	0.05 J	0.12 J	0.06	0.045 J	0.013 J	0.057	0.016 J	0.16	0.015 J	0.01 U
	9/27-29/11	0.024 U	--	0.069	0.061	0.11	0.096	0.095	0.075	0.013 J	0.084	0.034 J	0.13	0.012 J	0.018 J
	3/20-22/12	0.01 U	--	0.017 J	0.035 J	0.023 J	0.2	0.081	0.015 J	0.022 J	0.019 J	0.016 J	0.12	0.02 J	0.015 J
	9/25-27/12	0.072	--	0.078	0.078	0.17	0.28	0.061	0.04 J	0.014 J	0.14	0.046 J	0.14	0.026 J	0.018 J
	3/25-28/13	0.03 U	--	0.13	0.23	0.17	0.11	0.03 U	0.049 J	0.03 U	0.11	0.043 J	0.16	0.044 J	0.03 U
	9/24-26/13	0.023 U	--	0.065 U	0.12	0.15	0.14	0.065 U	0.01 U	0.01 U	0.1	0.045 U	0.13	0.01 U	0.085
	3/25-27/14	0.01 U	--	0.026 J	0.035 J	0.033 J	0.057	0.076	0.056	0.01 U	0.026 J	0.01 U	0.085	0.018 J	0.055
	9/23-26/14	0.026 J	--	0.076	0.069	0.15	0.063	0.18	0.05	0.01 J	0.14	0.057	0.13	0.02 J	0.098
	3/24-26/15	0.02 J	--	0.036 J	0.022 J	0.058	0.12	0.11	0.049 J	0.032 J	0.03 J	0.033 J	0.08	0.032 J	0.027 J
	9/22-24/15	0.037 J	--	0.093	0.021 J	0.084	0.18	0.074	0.01 U	0.01 U	0.067	0.04 J	0.15	0.029 J	0.024 J
	3/22-24/16	0.021 J	--	0.042 J	0.12 J	0.07 J	0.11	0.14	0.053	0.018 J	0.053 J	0.029 J	0.1 J	0.012 J	0.011 J
	9/27-29/16	0.04 J	--	0.069	0.39 J	0.086	0.1	0.08	0.056 J	0.026 J	0.069	0.06	0.09	0.026 J	0.029 J
	3/28-30/17	0.01 U	--	0.01 U	0.066	0.076	0.14 J	0.096 J	0.05 J	0.01 U	0.01 U	0.01 U	0.057 J	0.01 U	0.01 U
	9/26-28/17	0.015 J	--	0.018 J	0.062	0.072	0.29	0.12	0.072	0.019 J	0.052	0.039 J	0.11	0.025 J	0.016 J
	3/20-22/18	0.075	--	0.071	0.063	0.039 J	0.13 J	0.083	0.054	0.05 U	0.16	0.062	0.076	0.052	0.05 U
	9/25-27/18	0.027 J	--	0.078	0.03 J	0.049 J	0.22	0.24	0.15	0.035 J	0.19	0.032 J	0.39 J	0.038 J	0.03 U
	3/19-21/19	0.053	--	0.031 J	0.03 J	0.041 J	0.1	0.12	0.065	0.022 J	0.13	0.036 J	0.077	0.031 J	0.02 U
	9/10-12/19	--	--	0.043 J	0.092	0.1	0.16	0.11	0.056	0.025 J	0.063	0.036 J	0.077	0.028 J	0.02 U
	6/9-11/20	--	--	0.020 J	0.036 J	0.025 J	0.055 J	0.030 J	0.050 UBJ	0.020 UJ	0.025 J	0.020 U	0.064 J	0.020 UJ	0.020 UJ
	11/2-5/20	--	--	0.02 UJ	0.033 J	0.039 J	0.03 J	0.02 U	0.02 U	0.02 UJ	0.02 J	0.02 U	0.06 J	0.02 U	0.02 UJ
	3/23-25/21	--	--	0.027 U	0.055 J	0.033 J	0.054 U	0.027 U	0.027 U	0.027 U	0.027 U	0.027 U	0.044 J	0.027 U	0.027 U
	9/21-23/21	ABANDONED	--	0.038 J	0.29 J	0.06	0.27 U	0.059 J	0.053 J	0.027 U	0.092	0.037 J	0.049 J	0.027 U	0.096
	3/22-24/22	ABANDONED	0.05 J	0.1	0.27 U	0.07	0.054 J	0.085	0.27 U	0.027 U	0.13	0.027 U	0.083	0.027 U	0.027 U
	9/26-28/22	ABANDONED	0.100	0.210	0.120	0.140	0.062 J	0.110	0.099	0.027 U	0.110	0.043 J	0.110	0.027 U	0.027 U
Aldicarb 0.015	11/24/97	BRL	--	BRL	--	--	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	3/26/98	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	5/28/98	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/16/98	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/19/98	BRL	--	BRL	--	--	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	2/8/99	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	5/11/99	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/8-9/99	BRL	--	BRL	--	--	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	4/18-19/00	BRL	--	BRL	--	--	0.005 U	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	10/16/2000	BRL	--	BRL	--	--	0.005 U	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	4/10/01	BRL	--	BRL	--	--	0.005 U	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	11/7-8/01	0.005 U	--	0.005 U	--	--	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
	4/16-17/02	BRL	--	BRL	--	--	0.005 U	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	10/30-31/02	0.00015 U	--	0.00015 U	--	--	0.00015 U	0.00015 U	0.00015 U	0.00015 U	0.00015 U	0.00015 U	0.00015 U	0.00015 U	0.00015 U
	4/21-24/03	0.00015 U	--	0.00015 U	--	--	0.23	0.00015 U	0.00015 U	BRL	0.00015 U	0.00015 U	0.00015 U	BRL	BRL
	10/14-16/03	0.001 U	--	0.001 U	--	--	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
	4/20-21/04	BRL	--	BRL	--	--	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	10/18-20/04	0.001 U	--	0.001 U	--	--	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
	4/26-27/05	0.002 U	--	0.002 U	--	--	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
	11/2-4/05	0.002 U	--	0.002 U	--	--	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U

Table 4. Current and Historical Analytical Results
Union Carbide Corporation,
Woodbine, Camden County, Georgia



Constituent GWPS	Sample Dates	MW-24	MW-24A	MW-25	MW-41	MW-42	MW-10	MW-16	MW-19	MW-22	MW-31	MW-32	MW-33	MW-35	MW-36
		Todd Creek	Todd Creek	Todd Creek	Todd Creek	Todd Creek	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC
		Deep	Deep	Deep	Deep	Shallow	Shallow	Deep	Deep	Deep	Deep	Shallow	Deep	Deep	Shallow
Aldicarb (continued) 0.015	5/30-6/2/06	0.002 U	--	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
	10/23-11/9/06	0.002 U	--	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	--	0.002 U	0.002 U	0.002 U	--	0.002 U
	1/3-4/07	--	--	--	--	--	--	--	--	0.002 UJ	--	--	--	0.002 UJ	--
	3/5-8/07	0.002 U	--	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
	11/5-9/07	0.002 U	--	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
	4/1-3/08	0.002 U	--	0.002 U	0.002 J	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
	10/27-30/08	0.002 U	--	0.002 U	0.002 U	0.002 U	0.0055 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
	3/16-19/09	0.002 U	--	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
	9/14-17/09	0.002 U	--	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
	3/29-4/1/10	0.002 U	--	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
	10/5-7/10	0.001 U	--	0.001 U	0.0023 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
	3/22-24/11	0.001 U	--	0.001 U	0.0022 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
	9/27-29/11	0.001 U	--	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
	3/20-22/12	0.001 U	--	0.001 U	0.001 U	0.001 U	0.066 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
	9/25-27/12	0.001 U	--	0.001 U	0.0013 J	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
	3/25-28/13	0.001 U	--	0.001 U	0.0022 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
	9/24-26/13	0.001 U	--	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
	3/25-27/14	0.001 U	--	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
	9/23-26/14	0.001 U	--	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
	3/24-26/15	0.001 U	--	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
	9/22-24/15	0.001 U	--	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
	3/22-24/16	0.001 U	--	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
	9/27-29/16	0.001 U	--	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
	3/28-30/17	0.001 U	--	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
	9/26-28/17	0.001 U	--	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
	3/20-22/18	0.00054 U	--	0.00054 U	0.00054 U	0.00054 U	0.0007 U	0.00054 U	0.00054 U	0.00054 U	0.00054 U	0.00054 U	0.00054 U	0.00054 U	0.00054 U
	9/25-27/18	0.001 U	--	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
	3/19-21/19	0.001 U	--	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
	9/10-12/19	--	--	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
	6/9-11/20	--	--	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U
	11/2-5/20	--	--	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U
	3/23-25/21	--	--	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U
	9/21-23/21	ABANDONED	--	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U
	3/22-24/22	ABANDONED	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U
	9/26-28/22	ABANDONED	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U
Barium 1.0	11/24/97	0.028	--	0.011	--	--	0.07	0.028	0.014	0.013	BRL	BRL	0.033	BRL	BRL
	3/26/98	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	5/28/98	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/16/98	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/19/98	0.033	--	0.013	--	--	0.067	0.034	0.018	0.013	0.012	0.011	0.043	0.011	BRL
	2/8/99	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	5/11/99	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/8-9/99	0.029	--	0.015	--	--	0.058	0.037	0.014	0.012	0.012	0.012	0.017	BRL	BRL
	4/18-19/00	0.028	--	0.014	--	--	0.062	0.039	0.014	0.012	BRL	0.014	0.046	BRL	BRL
	10/16/00	0.03	--	0.015	--	--	0.071	0.041	0.015	0.013	BRL	0.011	0.056	BRL	BRL
	4/10/01	0.028	--	0.014	--	--	0.057	0.041	0.01	0.011	BRL	0.015	0.06	BRL	BRL
	11/7-8/01	0.026	--	0.013	--	--	0.07	0.04	0.013	0.012	BRL	0.011	0.067	BRL	0.013
	4/16-17/02	0.03	--	0.015	--	--	0.061	0.035	BRL	BRL	BRL	0.014	0.069	BRL	BRL
	10/30-31/02	0.029	--	0.015	--	--	0.057	0.038	0.012	0.01	0.0098 J	0.012	0.077	0.0051 J	0.014
	4/21-24/03	0.027	--	0.014	--	--	0.055	0.041	0.011	0.012	0.011	0.012	0.085	0.0058 J	0.019
	10/14-16/03	0.029	--	0.014	--	--	0.064	0.05	0.013	0.012	0.011	0.011	0.098	0.0057 J	0.015

Table 4. Current and Historical Analytical Results
Union Carbide Corporation,
Woodbine, Camden County, Georgia



Constituent GWPS	Sample Dates	MW-24	MW-24A	MW-25	MW-41	MW-42	MW-10	MW-16	MW-19	MW-22	MW-31	MW-32	MW-33	MW-35	MW-36
		Todd Creek	Todd Creek	Todd Creek	Todd Creek	Todd Creek	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC
		Deep	Deep	Deep	Deep	Shallow	Shallow	Deep	Deep	Deep	Deep	Shallow	Deep	Deep	Shallow
Barium (continued) 1.0	4/20-21/04	0.0252	--	0.0145	--	--	0.0545	0.0542	0.0114	0.0117	0.00904 J	0.012	0.0971	0.00497 J	0.00959 J
	10/18-20/04	0.0236	--	0.0132	--	--	0.0586	0.051	0.0124	0.0114	0.00857 J	0.0109	0.0861	0.00454 J	0.0139
	4/26-27/05	0.023	--	0.01	--	--	0.046	0.053	0.011	0.011	0.0081 J	0.012	0.11	0.0036 J	0.013
	11/2-4/05	0.025	--	0.014	--	--	0.065	0.056	0.012	0.012	0.0095 J	0.011	0.11	0.0052 J	0.0096 J
	5/30-6/2/06	0.026	--	0.014	0.025	0.044	0.052 J	0.067	0.012	0.013	0.01	0.011	0.1 J	0.0047 J	0.02
	10/23-11/9/06	0.0262	--	0.0138	0.0786	0.021	0.0615	0.0684	0.00969 J	0.0165	0.0144 UJ	0.0156 UJ	0.111 J	0.00717 J	0.00812 J
	3/5-8/07	0.0245	--	0.0142	0.1	0.0192	0.0699	0.0685	0.0111	0.0127	0.0102	0.0101	0.114	0.005 J	0.012
	11/5-9/07	0.028	--	0.0142	0.105	0.0202	0.0645	0.0612	0.0112	0.014	0.0101	0.0099	0.119	0.0052 U	0.0143
	4/1-3/08	0.0239	--	0.0146	0.0871	0.01 U	0.0616	0.064 U	0.0112 U	0.0143	0.0103 U	0.0099	0.121 U	0.0055	0.0146
	10/27-30/08	0.0227	--	0.0139	0.0803	0.0144	0.0478	0.0609	0.0113	0.0106	0.0103	0.0101	0.116	0.0053	0.0178
	3/16-19/09	0.0208	--	0.0146	0.0896	0.0157	0.0574 U	0.0593	0.0112	0.0123 U	0.0109 U	0.0113 U	0.125 U	0.0051	0.0133
	9/14-17/09	0.022	--	0.0151	0.0893	0.0182	0.0497	0.0633	0.0116	0.0132	0.0106	0.0117	0.118	0.0056	0.0134
	3/29-4/1/10	0.0211	--	0.0139	0.0888	0.0199	0.0416	0.0582	0.0112	0.0098	0.0106	0.0115	0.113	0.0054	0.0146
	10/5-7/10	0.022	--	0.0145	0.0809	0.023	0.0483	0.0592	0.0123	0.0079	0.0106	0.0108	0.113	0.0054	0.0109
	3/22-24/11	0.0222	--	0.0151	0.0901	0.0221	0.0526	0.0562	0.0126	0.0129	0.0117	0.0122	0.12	0.0058	0.0118
	9/27-29/11	0.0222	--	0.0157	0.089	0.0218	0.0518	0.0508	0.0127	0.0087	0.0127	0.0124	0.111	0.0056	0.0113
	3/20-22/12	0.0169	--	0.0161	0.104	0.0237	0.0481	0.052	0.0226	0.0108	0.0127	0.013	0.108	0.0058	0.012
	9/25-27/12	0.0209	--	0.0151	0.0966	0.022	0.0499	0.0494	0.0361	0.0081	0.0125	0.013	0.097	0.0059	0.0122
	3/25-28/13	0.0172	--	0.0158	0.0908	0.0156	0.0493	0.0502	0.0214	0.0149	0.0136	0.0135	0.104	0.0056	0.0125
	9/24-26/13	0.0174	--	0.016	0.0892	0.0159	0.0525	0.0493	0.0315	0.0135	0.019	0.0125	0.0997	0.0062	0.0145
	3/25-27/14	0.0161	--	0.0157	0.0932	0.0181	0.0587	0.0468	0.0316	0.0137	0.0218	0.0125	0.101	0.0061	0.0196
	9/23-26/14	0.021	--	0.016	0.101	0.0208	0.0572	0.0503	0.0328	0.0138	0.0245	0.0136	0.0915	0.0063	0.0167
	3/24-26/15	0.0166	--	0.0155	0.0896	0.0232	0.0534	0.0478	0.0333	0.0128	0.0266	0.0149	0.0892	0.0063	0.0251
	9/22-24/15	0.0198	--	0.0146	0.0907	0.0241	0.0559	0.0477	0.0295	0.0127	0.0273	0.0167	0.0926	0.0068	0.022
	3/22-24/16	0.0196	--	0.0157	0.0856	0.0187	0.0527	0.0564	0.0218	0.0184	0.0332	0.0205	0.0839	0.0064	0.0231
	9/27-29/16	0.0203	--	0.0157	0.0842	0.0221	0.0516	0.0523	0.0244	0.016	0.0371	0.0243	0.0761	0.0066	0.01
	3/28-30/17	0.0271	--	0.0167	0.0908	0.0252	0.06	0.057	0.0225	0.0128	0.0389	0.0258	0.0764	0.0067	0.0105
	9/26-28/17	0.0219	--	0.0156	0.0766	0.0227	0.0518 U	0.0573	0.0226	0.0162	0.0399	0.0204	0.0715	0.0071	0.0228
	3/20-22/18	0.0418	--	0.017	0.0813	0.0146	0.0558	0.0584	0.0323	0.0148	0.041	0.0192	0.0675	0.0073	0.0384
	9/25-27/18	0.0253	--	0.0155	0.0819	0.0184	0.0515	0.0611	0.0278	0.0148	0.038	0.0221	0.0727	0.0075	0.0231
	3/19-21/19	0.0207	--	0.0158	0.0848	0.0131	0.0553	0.0585	0.0261	0.0119	0.0344	0.0209	0.0679	0.0077	0.017
	9/10-12/19	--	--	0.0158	0.0859	0.0155	0.0547	0.055	0.0264	0.0114	0.0348	0.0217	0.0701	0.0093	0.0127
	6/9-11/20	--	--	0.016	0.086	0.014	0.062	0.059	0.024	0.012	0.034	0.024	0.072	0.0079	0.015
	11/2-5/20	--	--	0.017	0.087	0.014	0.065	0.051	0.024	0.012	0.033	0.027	0.064	0.0077	0.015
	3/23-25/21	--	--	0.016	0.084	0.013	0.062	0.051	0.023	0.011	0.030	0.027	0.071	0.0077	0.015
	9/21-23/21	ABANDONED	--	0.017	0.089	0.011	0.052	0.048	0.024	0.012	0.028	0.030	0.072	0.0098	0.010
	3/22-24/22	ABANDONED	0.020	0.017	0.083	0.010	0.048	0.052	0.022	0.013	0.030	0.029	0.064	0.0076	0.012
	9/26-28/22	ABANDONED	0.020	0.016	0.088	0.013	0.050	0.045	0.021	0.011	0.027	0.028	0.071	0.0079	0.018
Chromium 0.05	11/24/97	BRL	--	BRL	--	--	0.019	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	3/26/98	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	5/28/98	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/16/98	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/19/98	BRL	--	BRL	--	--	0.01	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	2/8/99	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	5/11/99	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/8-9/99	BRL	--	BRL	--	--	0.027	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	4/18-19/00	BRL	--	BRL	--	--	0.033	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	10/16/2000	BRL	--	BRL	--	--	0.055	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	4/10/01	BRL	--	BRL	--	--	0.041	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	11/7-8/01	BRL	--	BRL	--	--	0.027	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	4/16-17/02	BRL	--	BRL	--	--	0.026	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL

Table 4. Current and Historical Analytical Results
Union Carbide Corporation,
Woodbine, Camden County, Georgia



Constituent GWPS	Sample Dates	MW-24	MW-24A	MW-25	MW-41	MW-42	MW-10	MW-16	MW-19	MW-22	MW-31	MW-32	MW-33	MW-35	MW-36
		Todd Creek	Todd Creek	Todd Creek	Todd Creek	Todd Creek	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC
		Deep	Deep	Deep	Deep	Shallow	Shallow	Deep	Deep	Deep	Deep	Shallow	Deep	Deep	Shallow
Chromium (continued) 0.05	10/30-31/02	0.0017 U	--	0.0017 U	--	--	0.019	0.0017 U	0.0017 U	0.0017 U	0.0017 U	0.0017 U	0.0017 U	0.0084 J	0.0017 U
	4/21-24/03	0.0011 U	--	0.0011 U	--	--	0.015	0.0014 J	0.0011 U	0.0011 U	0.0011 U	0.0014 J	0.0011 U	0.0014 J	0.0012 J
	10/14-16/03	0.0011 U	--	0.0011 U	--	--	0.014	0.0014 J	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0017 J	0.0011 J
	4/20-21/04	0.0039 U	--	0.0039 U	--	--	0.00934 J	0.0039 U	0.0039 U	0.0039 U	0.0039 U	0.0039 U	0.0039 U	0.0039 U	0.0039 U
	10/18-20/04	0.0039 U	--	0.0039 U	--	--	0.00963 J	0.0039 U	0.0039 U	0.0039 U	0.0039 U	0.0039 U	0.0039 U	0.0039 U	0.0039 U
	4/26-27/05	0.0005 U	--	0.0005 U	--	--	0.013	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
	11/2-4/05	0.0009 J	--	0.0011 J	--	--	0.012	0.0012 J	0.00066 J	0.0005 U	0.00082 J	0.00082 J	0.0029 J	0.00059 J	0.00073 J
	5/30-6/2/06	0.0005 U	--	0.0005 U	0.0005 U	0.0005 U	0.0057 J	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0013 J	0.0005 U
	10/23-11/9/06	0.0025 U	--	0.0025 U	0.00408 J	0.0025 U	0.00425 J	0.0025 U	0.0025 U	0.0025 U	0.0032 U	0.00353 U	0.0045 U	0.0025 U	0.0025 U
	3/5-8/07	0.0023 U	--	0.0023 U	0.0028 J	0.0023 U	0.0046 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U
	11/5-9/07	0.0023 U	--	0.0023 U	0.0038 J	0.0023 U	0.0061 J	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U
	4/1-3/08	0.0023 U	--	0.0023 U	0.003 J	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U
	10/27-30/08	0.003 U	--	0.003 U	0.0035 J	0.003 U	0.0065 J	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U
	3/16-19/09	0.003 U	--	0.003 U	0.0043 J	0.003 U	0.0069 J	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U
	9/14-17/09	0.0034 U	--	0.0034 U	0.0038 J	0.0034 U	0.008 J	0.0034 U	0.0034 U	0.0034 U	0.0034 U	0.0034 U	0.0034 U	0.0034 U	0.0034 U
	3/29-4/1/10	0.0034 U	--	0.0034 U	0.0034 U	0.0034 U	0.0066 J	0.0034 U	0.0034 U	0.0034 U	0.0039 J	0.0034 U	0.0034 U	0.0034 U	0.0034 U
	10/5-7/10	0.0034 U	--	0.0034 U	0.0038 J	0.0034 U	0.0071 J	0.0034 U	0.0034 U	0.0034 U	0.0034 U	0.0034 U	0.0034 U	0.0034 U	0.0034 U
	3/22-24/11	0.0034 U	--	0.0034 U	0.0039 U	0.0034 U	0.0062 J	0.0034 U	0.0034 U	0.0034 U	0.0034 U	0.0034 U	0.0034 U	0.0034 U	0.0034 U
	9/27-29/11	0.0011 U	--	0.0018 J	0.0045 J	0.0011 U	0.0087 J	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0027 J	0.0011 U
	3/20-22/12	0.0011 J	--	0.0011 U	0.009 J	0.0013 J	0.0091 J	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0025 J	0.0011 U
	9/25-27/12	0.0011 U	--	0.0011 U	0.003 U	0.0011 U	0.0088 J	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0028 U	0.0011 U
	3/25-28/13	0.0011 U	--	0.0027 J	0.0038 J	0.0011 U	0.0059 J	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0045 J	0.0011 U
	9/24-26/13	0.0016 U	--	0.0016 U	0.0043 J	0.0016 U	0.0054 U	0.0016 U	0.0016 U	0.0016 U	0.0016 U	0.0016 U	0.0016 U	0.0037 J	0.0016 U
	3/25-27/14	0.0016 U	--	0.0016 U	0.0035 J	0.0016 U	0.0065 J	0.0016 U	0.0016 U	0.0016 U	0.0016 U	0.0016 U	0.0016 U	0.0037 J	0.0016 U
	9/23-26/14	0.0013 U	--	0.0013 U	0.004 J	0.0013 U	0.006 J	0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0031 J	0.0013 U
	3/24-26/15	0.0013 U	--	0.0013 U	0.0048 J	0.0013 U	0.0059 J	0.0014 J	0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0042 J	0.0013 U
	9/22-24/15	0.0015 U	--	0.0015 J	0.0049 J	0.0015 U	0.0066 J	0.0015 U	0.0015 U	0.0015 U	0.0015 U	0.0016 J	0.0015 U	0.0041 J	0.0016 J
	3/22-24/16	0.002 U	--	0.002 U	0.0044 J	0.002 U	0.0065 J	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.0037 J	0.002 U
	9/27-29/16	0.0018 U	--	0.0018 U	0.0031 J	0.0018 U	0.0018 U	0.0018 U	0.0018 U	0.0018 U	0.0018 U	0.0018 U	0.0018 U	0.0018 U	0.0018 U
	3/28-30/17	0.0021 J	--	0.002 J	0.0058 J	0.0018 U	0.0061 J	0.0019 J	0.0018 U	0.0018 U	0.0018 J	0.0018 U	0.0018 U	0.004 J	0.0018 U
	9/26-28/17	0.0033 U	--	0.0033 U	0.0033 U	0.0033 U	0.015 U	0.0033 U	0.0033 U	0.0033 U	0.0033 U	0.0033 U	0.0033 U	0.0033 U	0.0033 U
	3/20-22/18	0.0033 U	--	0.0033 U	0.0033 U	0.0033 U	0.0053 J	0.0033 U	0.0033 U	0.0033 U	0.0033 U	0.0033 U	0.0033 U	0.0038 J	0.0033 U
	9/25-27/18	0.0053 U	--	0.0053 U	0.0053 U	0.0053 U	0.0070 J	0.0053 U	0.0053 U	0.0053 U	0.0053 U	0.0053 U	0.0053 U	0.0053 U	0.0053 U
	3/19-21/19	0.0053 U	--	0.0053 U	0.0053 U	0.0053 U	0.0015 UB	0.0053 U	0.0053 U	0.0053 U	0.0053 U	0.0053 U	0.0053 U	0.0053 U	0.0053 U
	9/10-12/19	--	--	0.0016 U	0.0150 UB	0.0016 U	0.0062 J	0.0016 U	0.0016 U	0.0150 UB	0.0016 U	0.0016 U	0.0016 U	0.0036 J	0.0025 J
	6/9-11/20	--	--	0.0016 U	0.0017 J	0.0016 U	0.0054 J	0.0016 J	0.0016 U	0.0016 U	0.0016 U	0.0016 U	0.0016 U	0.0027 J	0.0016 U
	11/2-5/20	--	--	0.0016 U	0.0020 J	0.0016 U	0.0047 J	0.0016 U	0.0016 U	0.0016 U	0.0016 U	0.0016 U	0.0016 U	0.0024 J	0.0016 U
	3/23-25/21	--	--	0.0028 J	0.0041 J	0.0022 J	0.0070 J	0.0016 U	0.0016 U	0.0016 U	0.0021 J	0.0016 J	0.0045 J	0.0016 U	0.0016 U
	9/21-23/21	ABANDONED	--	0.0016 U	0.0025 J	0.0016 U	0.0041 J	0.0018 J	0.0016 U	0.0016 U	0.0016 U	0.0016 U	0.0016 U	0.0017 J	0.0016 U
	3/22-24/22	ABANDONED	0.0030 U	0.0030 U	0.0030 U	0.0030 U	0.0057 J	0.0030 U	0.0030 U	0.0030 U	0.0030 U	0.0030 U	0.0030 U	0.0034 J	0.0030 U
	9/26-28/22	ABANDONED	0.0030 U	0.0030 U	0.0030 U	0.0030 U	0.0051 J	0.0030 U	0.0030 U	0.0030 U	0.0030 U	0.0030 U	0.0030 U	0.0030 U	0.0030 U
Nickel 0.10	10/26/06	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/7/07	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/5-9/07	0.0056 U	--	0.0056 U	0.0056 U	0.0056 U	0.0056 U	0.0056 U	0.0056 U	0.0056 U	0.0056 U	0.0056 U	0.0056 U	0.0056 U	0.0056 U
	4/1-3/08	0.0056 U	--	0.0056 U	0.0056 U	0.0056 U	0.0056 U	0.0056 U	0.0056 U	0.0056 U	0.0056 U	0.0056 U	0.0056 U	0.0056 U	0.0056 U
	10/27-30/08	0.0056 U	--	0.0056 U	0.0056 U	0.0056 U	0.0056 U	0.0056 U	0.0056 U	0.0056 U	0.0056 U	0.0056 U	0.0056 U	0.0056 U	0.0056 U
	3/16-19/09	0.0056 U	--	0.0056 U	0.0056 U	0.0056 U	0.0056 U	0.0056 U	0.0056 U	0.0056 U	0.0056 U	0.0056 U	0.0056 U	0.0056 U	0.0056 U
	9/14-17/09	0.0018 U	--	0.0018 U	0.0018 U	0.0018 U	0.0018 U	0.0018 U	0.0018 U	0.0018 U	0.0018 U	0.0018 U	0.0018 U	0.0018 U	0.0018 U
	3/29-4/1/10	0.0018 U	--	0.0018 U	0.0018 U	0.0018 U	0.0019 J	0.0019 J	0.0018 U	0.0018 U	0.0018 U	0.0018 U	0.0018 U	0.0018 U	0.0018 U
	10/5-7/10	0.003 U	--	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U

Table 4. Current and Historical Analytical Results

Union Carbide Corporation,
Woodbine, Camden County, Georgia



Constituent GWPS	Sample Dates	MW-24	MW-24A	MW-25	MW-41	MW-42	MW-10	MW-16	MW-19	MW-22	MW-31	MW-32	MW-33	MW-35	MW-36
		Todd Creek	Todd Creek	Todd Creek	Todd Creek	Todd Creek	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC
		Deep	Deep	Deep	Deep	Shallow	Shallow	Deep	Deep	Deep	Deep	Shallow	Deep	Deep	Shallow
Nickel (continued) 0.10	3/22-24/11	0.003 U	--	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U
	9/27-29/11	0.00095 U	--	0.00095 U	0.00095 U	0.00095 U	0.0029 J	0.00095 U	0.00095 U	0.00095 U	0.00095 U	0.00095 U	0.00095 U	0.00095 U	0.00095 U
	3/20-22/12	0.00095 U	--	0.00095 U	0.0015 J	0.00095 U	0.003 J	0.00095 U	0.00095 U	0.00095 U	0.00095 U	0.00095 U	0.00095 U	0.00095 U	0.00095 U
	9/25-27/12	0.0011 U	--	0.0011 U	0.0011 U	0.0011 U	0.0021 J	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
	3/25-28/13	0.0011 U	--	0.0011 U	0.0011 U	0.0011 U	0.0017 J	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
	9/24-26/13	0.0015 U	--	0.0015 U	0.0015 U	0.0015 U	0.0033 J	0.0015 U	0.0015 U	0.0015 U	0.0015 U	0.0015 U	0.0015 U	0.0015 U	0.0015 U
	3/25-27/14	0.0015 U	--	0.0015 U	0.0015 U	0.0015 U	0.0035 U	0.0015 U	0.0015 U	0.0015 U	0.0015 U	0.0015 U	0.0015 U	0.0015 U	0.0015 U
	9/23-26/14	0.0016 U	--	0.0016 U	0.0016 U	0.0016 U	0.0032 J	0.0016 U	0.0016 U	0.0016 U	0.0016 U	0.0016 U	0.0016 U	0.0016 U	0.0016 U
	3/24-26/15	0.0016 U	--	0.0016 U	0.0016 U	0.0016 U	0.0028 J	0.0016 U	0.0016 U	0.0016 U	0.0016 U	0.0016 U	0.0016 U	0.0016 U	0.0016 U
	9/22-24/15	0.0013 U	--	0.0013 U	0.0013 U	0.0023 U	0.0021 J	0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0013 U
	3/22-24/16	0.0025 U	--	0.0025 U	0.0025 U	0.0025 U	0.0031 J	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U
	9/27-29/16	0.0028 U	--	0.0028 U	0.0028 U	0.0028 U	0.0033 J	0.0028 U	0.0028 U	0.0028 U	0.0028 U	0.0028 U	0.0028 U	0.0028 U	0.0028 U
	3/28-30/17	0.0028 U	--	0.0028 U	0.0028 U	0.0028 U	0.0028 U	0.0028 U	0.0028 U	0.0028 U	0.0028 U	0.0028 U	0.0028 U	0.0028 U	0.0028 U
	9/26-28/17	0.004 U	--	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U
	3/20-22/18	0.004 U	--	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U
	9/25-27/18	0.0031 U	--	0.0031 U	0.0031 U	0.0031 U	0.0031 U	0.0031 U	0.0031 U	0.0031 U	0.0031 U	0.0031 U	0.0031 U	0.0031 U	0.0031 U
	3/19-21/19	0.0031 U	--	0.0031 U	0.0031 U	0.0031 U	0.0031 U	0.0031 U	0.0031 U	0.0031 U	0.009 J	0.0031 U	0.0031 U	0.0038 J	0.0034 J
	9/10-12/19	--	--	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.0031 U	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.0031 U	0.0031 U
	6/9-11/20	--	--	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.0021 U
	11/2-5/20	--	--	0.0021 U	0.0021 U	0.0036 J	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.0021 U
Zinc 4.674	3/23-25/21	--	--	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.0046 J	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.0021 U
	9/21-23/21	ABANDONED	--	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.0021 U
	3/22-24/22	ABANDONED	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.0025 J	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.0021 U
	9/26-28/22	ABANDONED	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.0028 J	0.0021 U	0.0021 U
	11/24/97	BRL	--	BRL	--	--	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	3/26/98	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	5/28/98	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/16/98	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/19/98	BRL	--	--	--	--	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	2/8/99	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	5/11/99	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/8-9/99	BRL	--	BRL	--	--	0.021	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	4/18-19/00	BRL	--	BRL	--	--	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	10/16/00	BRL	--	BRL	--	--	0.041	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	4/10/01	BRL	--	BRL	--	--	0.023	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	11/7-8/01	BRL	--	BRL	--	--	0.024	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	4/16-17/02	BRL	--	BRL	--	--	0.021	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	10/30-31/02	0.0059 U	--	0.0059 U	--	--	0.012 J	0.0059 U	0.0059 U	0.0059 U	0.0059 U	0.0059 U	0.013 J	0.0059 U	0.0063 J
	4/21-24/03	0.0027 J	--	0.0025 J	--	--	0.01 J	0.0013 U	0.0025 J	0.0018 J	0.002 J	0.0034 J	0.0015 J	0.0021 J	0.0066 J
	10/14-16/03	0.0013 U	--	0.0021 J	--	--	0.0087 J	0.0023 J	0.0013 U	0.0013 U	0.0013 U	0.0024 J	0.0013 U	0.0013 U	0.0057 J
	4/20-21/04	0.003 U	--	0.003 U	--	--	0.00582 J	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U
	10/18-20/04	0.00787 J	--	0.00963 J	--	--	0.0098 J	0.00787 J	0.0194 J	0.00524 J	0.00692 J	0.00467 J	0.0102 J	0.00467 J	0.0113 J
	4/26-27/05	0.0079 J	--	0.0026 J	--	--	0.0011 U	0.0018 J	0.0029 J	0.0011 U	0.0026 J	0.0026 J	0.0026 J	0.0071 J	0.0041 J
	11/2-4/05	0.0011 U	--	0.0011 U	--	--	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
	5/30-6/2/06	0.0011 U	--	0.0011 U	0.024	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.029	0.019 J	0.015 J	0.0011 U	0.02
	10/23-11/9/06	0.005 U	--	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.00531 J	0.00689 J	0.00635 J	0.006 J	0.005 U
	03/5-8/07	0.0081 U	--	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U
	11/5-9/07	0.0081 U	--	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U
	4/1-3/08	0.0081 U	--	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U
	10/27-30/08	0.0081 U	--	0.0081 U	0.0081 U	0.0081 U	0.0081 UJ	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U

Table 4. Current and Historical Analytical Results

Union Carbide Corporation,
Woodbine, Camden County, Georgia



Constituent GWPS	Sample Dates	MW-24	MW-24A	MW-25	MW-41	MW-42	MW-10	MW-16	MW-19	MW-22	MW-31	MW-32	MW-33	MW-35	MW-36
		Todd Creek	Todd Creek	Todd Creek	Todd Creek	Todd Creek	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC
		Deep	Deep	Deep	Deep	Shallow	Shallow	Deep	Deep	Deep	Deep	Shallow	Deep	Deep	Shallow
Zinc (continued) 4.674	3/16-19/09	0.0081 U	--	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U
	9/14-17/09	0.0081 U	--	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U
	3/29-4/1/10	0.0081 U	--	0.0081 U	0.0111 J	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U
	10/5-7/10	0.0081 U	--	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U
	3/22-24/11	0.0081 U	--	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U
	9/27-29/11	0.0032 U	--	0.0032 U	0.0032 U	0.0032 U	0.0032 U	0.0032 U	0.0032 U	0.0032 U	0.0032 U	0.0034 J	0.0032 U	0.0032 U	0.0038 J
	3/20-22/12	0.0032 U	--	0.0032 U	0.0086 J	0.0032 U	0.0032 U	0.0032 U	0.0032 U	0.0032 U	0.0032 U	0.0032 U	0.0032 U	0.0032 U	0.0032 U
	9/25-27/12	0.002 U	--	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.0043 U
	3/25-28/13	0.002 U	--	0.002 U	0.002 U	0.0257	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.0027 J
	9/24-26/13	0.002 U	--	0.002 U	0.335	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.0044 J
	3/25-27/14	0.002 U	--	0.002 U	0.002 U	0.002 U	0.0029 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.0026 U	0.0028 J
	9/23-26/14	0.0028 U	--	0.002 U	0.0057 U	0.0045 U	0.0034 J	0.003 U	0.0031 U	0.0027 U	0.005 U	0.0032 U	0.0033 U	0.0038 U	0.0049 U
	3/24-26/15	0.002 U	--	0.002 U	0.002 U	0.002 U	0.002 J	0.0021 J	0.002 J	0.002 U	0.002 U	0.002 U	0.0021 J	0.0039 J	0.0027 J
	9/22-24/15	0.0039 U	--	0.0039 U	0.0039 U	0.0039 U	0.0039 U	0.0039 U	0.0039 U	0.0039 U	0.0039 U	0.0039 U	0.0039 U	0.0039 U	0.0039 U
	3/22-24/16	0.0039 U	--	0.0039 U	0.0039 U	0.0039 U	0.0039 U	0.0039 U	0.0039 U	0.0039 U	0.0039 U	0.0039 U	0.0039 U	0.0039 U	0.0039 U
	9/27-29/16	0.0054 U	--	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U
	3/28-30/17	0.0094 J	--	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U
	9/26-28/17	0.0065 U	--	0.0065 U	0.0065 U	0.0065 U	0.0065 U	0.0065 U	0.0065 U	0.0065 U	0.0065 U	0.0065 U	0.0065 U	0.0154 J	0.0065 U
	3/20-22/18	0.007 J	--	0.0065 U	0.0065 U	0.0065 U	0.0065 U	0.0065 U	0.0065 U	0.0065 U	0.0065 U	0.0065 U	0.0065 U	0.0065 U	0.0065 U
	9/25-27/18	0.0119 J	--	0.0107 J	0.0098 J	0.012 J	0.0200 UB	0.0200 UB	0.0200 UB	0.0123 J	0.0200 UB	0.0117 J	0.0113 J	0.0067 J	0.0115 J
	3/19-21/19	0.003 U	--	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U
	9/10-12/19	--	--	0.0037 U	0.0200 UB	0.0037 U	0.0044 J	0.0037 U	0.0200 UB	0.0051 J	0.0041 J	0.0037 U	0.0037 U	0.0200 UB	0.0200 UB
	6/9-11/20	--	--	0.0037 U	0.0037 U	0.0037 U	0.0037 U	0.0037 U	0.0037 U	0.0037 U	0.0037 U	0.0037 U	0.0037 U	0.0037 U	0.0037 U
	11/2-5/20	--	--	0.0037 U	0.0037 U	0.0037 U	0.0037 U	0.0037 U	0.0037 U	0.0037 U	0.0037 U	0.0037 U	0.0037 U	0.0037 U	0.0037 U
	3/23-25/21	--	--	0.0037 U	0.0037 U	0.0037 U	0.0037 U	0.0037 U	0.0037 U	0.0037 U	0.0037 U	0.0037 U	0.0037 U	0.0037 U	0.0037 U
	9/21-23/21	ABANDONED	--	0.0037 U	0.0037 U	0.0037 U	0.0037 U	0.0037 U	0.0037 U	0.0037 U	0.0037 U	0.0037 U	0.0037 U	0.0037 U	0.0037 U
	3/22-24/22	ABANDONED	0.0037 U	0.0037 U	0.0037 U	0.0037 U	0.0037 U	0.0037 U	0.0037 U	0.0037 U	0.0037 U	0.0037 U	0.0037 U	0.0037 U	0.0037 U
	9/26-28/22	ABANDONED	0.0037 U	0.0037 U	0.0037 U	0.0037 U	0.0037 U	0.0037 U	0.0037 U	0.0037 U	0.0037 U	0.0037 U	0.0037 U	0.0037 U	0.0037 U
Antimony 0.0060	10/30/02	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	10/16/03	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	10/20-22/04	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	10/26/06	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/7/07	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	10/29/08	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/30/08	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/17-19/09	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/14-17/09	0.0003 U	--	0.0003 U	0.0003 U	0.0003 U	0.00071 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U
	3/29-4/1/10	0.0003 U	--	0.0003 U	0.0003 U	0.0003 U	0.00057 J	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U
	10/5-7/10	0.0003 U	--	0.0003 U	0.0003 U	0.0003 U	0.00088 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U
	3/22-24/11	0.0003 U	--	0.0003 U	0.0003 U	0.0003 U	0.00077 J	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U
	9/27-29/11	0.00042 U	--	0.00042 U	0.00042 U	0.00042 U	0.00042 U	0.00042 U	0.00042 U	0.00042 U	0.00042 U	0.00042 U	0.00042 U	0.00042 U	0.00042 U
	3/20-22/12	0.00042 U	--	0.00042 U	0.00042 U	0.00042 U	0.0013	0.00042 U	0.00042 U	0.00042 U	0.00042 U	0.00042 U	0.00042 U	0.00042 U	0.00042 U
	9/25-27/12	0.00033 U	--	0.00033 U	0.00033 U	0.00047 J	0.00093 J	0.00033 U	0.00033 U	0.00033 U	0.00033 U	0.00033 U	0.00033 U	0.00033 U	0.00033 U
	3/25-28/13	0.00033 U	--	0.00033 U	0.00033 U	0.00033 U	0.00095 J	0.00033 U	0.00033 U	0.00033 U	0.00033 U	0.00033 U	0.00033 U	0.00033 U	0.00033 U
	9/24-26/13	0.00034 U	--	0.00034 U	0.00034 U	0.00034 U	0.0012 U	0.00034 U	0.00034 U	0.00034 U	0.00034 U	0.00034 U	0.00034 U	0.00034 U	0.00034 U
	3/25-27/14	0.00034 U	--	0.00034 U	0.00034 U	0.00034 U	0.00034 U	0.00034 U	0.00034 U	0.00034 U	0.00034 U	0.00034 U	0.00034 U	0.00034 U	0.00034 U
	9/23-26/14	0.00033 U	--	0.00033 U	0.00033 U	0.00033 U	0.0011	0.00033 U	0.00033 U	0.00033 U	0.00033 U	0.00033 U	0.00033 U	0.00033 U	0.00033 U
	3/24-26/15	0.00033 U	--	0.00033 U	0.00033 U	0.00033 U	0.0009 J	0.00033 U	0.00033 U	0.00033 U	0.00033 U	0.00033 U	0.00033 U	0.00033 U	0.00033 U
	9/22-24/15	0.00033 U	--	0.00033 U	0.00033 U	0.00033 U	0.00076 J	0.00033 U	0.00033 U	0.00033 U	0.00033 U	0.00033 U	0.00033 U	0.00033 U	0.00033 U
	3/22-24/16	0.00033 U	--	0.00033 U	0.00033 U	0.00033 U	0.00033 U	0.00033 U	0.00033 U	0.00033 U	0.00033 U	0.00033 U	0.00033 U	0.00033 U	0.00033 U

Table 4. Current and Historical Analytical Results

Union Carbide Corporation,
Woodbine, Camden County, Georgia



Constituent GWPS	Sample Dates	MW-24	MW-24A	MW-25	MW-41	MW-42	MW-10	MW-16	MW-19	MW-22	MW-31	MW-32	MW-33	MW-35	MW-36
		Todd Creek	Todd Creek	Todd Creek	Todd Creek	Todd Creek	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC
		Deep	Deep	Deep	Deep	Shallow	Shallow	Deep	Deep	Deep	Deep	Shallow	Deep	Deep	Shallow
Antimony (continued) 0.0060	9/27-29/16	0.00048 U	--	0.00048 U	0.00048 U	0.00048 U	0.00055 J	0.00048 U	0.00048 U	0.00048 U	0.00048 U	0.00048 U	0.00048 U	0.00048 U	0.00048 U
	3/28-30/17	0.00048 U	--	0.00048 U	0.00048 U	0.00048 U	0.00068 J	0.00048 U	0.00048 U	0.00048 U	0.00048 U	0.00048 U	0.00048 U	0.00048 U	0.00048 U
	9/26-28/17	0.00045 U	--	0.00045 U	0.00045 U	0.00045 U	0.00047 J	0.00045 U	0.00045 U	0.00045 U	0.00045 U	0.00045 U	0.00045 U	0.00045 U	0.00045 U
	3/20-22/18	0.00045 U	--	0.00045 U	0.00045 U	0.00045 U	0.00075 J	0.00045 U	0.00045 U	0.00045 U	0.00045 U	0.00045 U	0.00045 U	0.00045 U	0.00045 U
	9/25-27/18	0.00041 U	--	0.00041 U	0.00041 U	0.00041 U	0.0020 UB	0.00041 U	0.00041 U	0.00041 U	0.00041 U	0.00041 U	0.00041 U	0.00041 U	0.00041 U
	3/19-21/19	0.00041 U	--	0.00041 U	0.00041 U	0.00041 U	0.00041 U	0.00041 U	0.00041 U	0.00041 U	0.00041 U	0.00041 U	0.00041 U	0.00041 U	0.00041 U
	9/10-12/19	--	--	0.00041 U	0.00041 U	0.00041 U	0.0006 J	0.00041 U	0.00041 U	0.00041 U	0.00041 U	0.00041 U	0.00041 U	0.00041 U	0.00041 U
	6/9-11/20	--	--	0.00041 U	0.00041 U	0.00041 U	0.00057 J	0.00041 U	0.00041 U	0.00041 U	0.00041 U	0.00041 U	0.00041 U	0.00041 U	0.00041 U
	11/2-5/20	--	--	0.00041 U	0.00041 U	0.00041 U	0.00056 J	0.00041 U	0.00041 U	0.00041 U	0.00041 U	0.00041 U	0.00041 U	0.00041 U	0.00041 U
	3/23-25/21	--	--	0.00041 U	0.00041 U	0.00041 U	0.00056 J	0.00041 U	0.00041 U	0.00041 U	0.00041 U	0.00041 U	0.00041 U	0.00041 U	0.00041 U
	9/21-23/21	ABANDONED	--	0.00041 U	0.00041 U	0.00041 U	0.00050 J	0.00041 U	0.00041 U	0.00041 U	0.00041 U	0.00041 U	0.00041 U	0.00041 U	0.00041 U
	3/22-24/22	ABANDONED	0.00020 U	0.00020 U	0.00020 U	0.00020 U	0.00058 J	0.00020 U	0.00020 U	0.00020 U	0.00020 U	0.00020 U	0.00020 U	0.00020 U	0.00020 U
	9/26-28/22	ABANDONED	0.00020 U	0.00020 U	0.00020 U	0.00020 U	0.00077 J	0.00020 U	0.00020 U	0.00020 U	0.00020 U	0.00020 U	0.00020 U	0.00020 U	0.00020 U
Arsenic 0.050	11/24/97	BRL	--	BRL	--	--	0.036	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	3/26/98	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	5/28/98	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/16/98	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/19/98	BRL	--	BRL	--	--	0.017	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	2/8/99	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	5/11/99	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/8-9/99	BRL	--	BRL	--	--	0.036	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	4/18-19/00	BRL	--	BRL	--	--	0.04	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	10/16/00	BRL	--	BRL	--	--	0.046	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	4/10/01	BRL	--	BRL	--	--	0.034	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	11/7-8/01	BRL	--	BRL	--	--	0.027	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	4/16-17/02	BRL	--	BRL	--	--	0.032	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	10/30-31/02	0.0015 U	--	0.0015 U	--	--	0.0015 U	0.0015 U	0.0015 U	0.0015 U	0.0015 U	0.0015 U	0.0015 U	0.0015 U	0.0015 U
	4/21-24/03	0.0012 U	--	0.0012 U	--	--	0.023	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U
	10/14-16/03	0.0012 U	--	0.0012 U	--	--	0.014	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U
	4/20-21/04	0.000728 J	--	0.0002 U	--	--	0.0145	0.000514 J	0.0002 U	0.00059 J	0.000793 J	0.000512 J	0.0002 U	0.000682 J	0.000224 J
	10/18-20/04	0.0002 U	--	0.0002 U	--	--	0.0128	0.000417 J	0.000356 J	0.0002 U	0.0002 U	0.000377 J	0.0002 U	0.0002 U	0.000213 J
	4/26-27/05	0.00093 U	--	0.00093 U	--	--	0.015	0.00093 U	0.00093 U	0.00093 U	0.00093 U	0.00093 U	0.00093 U	0.00093 U	0.00093 U
	11/2-4/05	0.0013 U	--	0.0013 U	--	--	0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0013 U
	5/30-6/2/06	0.0013 U	--	0.0013 U	0.0013 U	0.0013 U	0.014	0.0013 UJ	0.0013 UJ	0.0013 UJ	0.0013 U	0.0013 U	0.0013 U	0.0013 UJ	0.0013 UJ
	10/23-11/9/06	0.0115	--	0.0102	0.0125	0.00891 J	0.0171 U	0.0158	0.005 U	0.00592 U	0.00673 U	0.00509 U	0.0136 U	0.00773 U	0.005 U
	3/5-8/07	0.00067 U	--	0.00067 U	0.0021	0.0017 J	0.0073	0.00067 U	0.00067 U	0.00067 U	0.00067 U	0.00067 U	0.00096 J	0.00067 U	0.00067 U
	11/5-9/07	0.0007 U	--	0.0007 U	0.0027	0.0011 J	0.008	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.00093 J	0.0007 U	0.003
	4/1-3/08	0.0007 U	--	0.0007 U	0.0018 J	0.00091 J	0.0071	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.0022
	10/27-30/08	0.00095 U	--	0.00095 U	0.002 J	0.0023	0.011	0.00095 U	0.00095 U	0.00095 U	0.00095 U	0.00095 U	0.00095 U	0.00095 U	0.0024
	3/16-19/09	0.00095 U	--	0.00095 U	0.0025	0.0014 J	0.0093	0.00095 U	0.00095 U	0.00095 U	0.00095 U	0.00095 U	0.00095 U	0.00095 U	0.00095 U
	9/14-17/09	0.00095 U	--	0.00095 U	0.0024	0.001 J	0.0066	0.00095 U	0.00095 U	0.00095 U	0.00095 U	0.00095 U	0.00095 U	0.00095 U	0.00095 U
	3/29-4/1/10	0.00095 U	--	0.00095 U	0.0048	0.0011 J	0.0084	0.00095 U	0.00095 U	0.00095 U	0.00095 U	0.00095 U	0.00095 U	0.00095 U	0.00095 U
	10/5-7/10	0.00095 U	--	0.00095 U	0.0039	0.003	0.0084	0.00095 U	0.00095 U	0.00095 U	0.00095 U	0.00095 U	0.00095 U	0.00095 U	0.00095 U
	3/22-24/11	0.00095 U	--	0.00095 U	0.0045	0.0023	0.0084	0.00095 U	0.00095 U	0.00095 U	0.00095 U	0.00095 U	0.00095 U	0.00095 U	0.00095 U
	9/27-29/11	0.00095 U	--	0.00095 U	0.003	0.005	0.0071	0.00095 U	0.00095 U	0.00095 U	0.00095 U	0.00095 U	0.00095 U	0.00095 U	0.00095 U
	3/20-22/12	0.00095 U	--	0.00095 U	0.0048	0.0038	0.0111	0.00095 U	0.00095 U	0.001 J	0.00095 U	0.00095 U	0.00095 U	0.00095 U	0.00095 U
	9/25-27/12	0.0004 U	--	0.0004 U	0.0026	0.0049	0.0074	0.0004 U	0.00044 J	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0023
	3/25-28/13	0.0004 U	--	0.0004 U	0.0036	0.0036	0.0083	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.00063 J	0.0004 U	0.0004 U	0.0013 J
	9/24-26/13	0.00042 U	--	0.00042 U	0.0039	0.0035	0.0114	0.00042 U	0.00053 J	0.00042 U	0.00042 U	0.00042 U	0.00042 U	0.00042 U	0.00078 J
	3/25-27/14	0.00078 U	--	0.00078 U	0.0041	0.002 J	0.0101	0.00078 U	0.00078 U	0.00078 U	0.00078 U	0.00078 U	0.00078 U	0.00078 U	0.0013 J

Table 4. Current and Historical Analytical Results
Union Carbide Corporation,
Woodbine, Camden County, Georgia



Constituent GWPS	Sample Dates	MW-24	MW-24A	MW-25	MW-41	MW-42	MW-10	MW-16	MW-19	MW-22	MW-31	MW-32	MW-33	MW-35	MW-36
		Todd Creek	Todd Creek	Todd Creek	Todd Creek	Todd Creek	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC
		Deep	Deep	Deep	Deep	Shallow	Shallow	Deep	Deep	Deep	Deep	Shallow	Deep	Deep	Shallow
Arsenic (continued) 0.050	9/23-26/14	0.00082 U	--	0.00082 U	0.0039	0.0038	0.0086	0.00082 U	0.00082 U	0.00082 U	0.00082 U	0.00082 U	0.00082 U	0.00082 U	0.0017 J
	3/24-26/15	0.00082 U	--	0.00082 U	0.0052	0.0043	0.0077	0.00082 U	0.00082 U	0.00082 U	0.00082 U	0.00082 U	0.00082 U	0.00082 U	0.00082 U
	9/22-24/15	0.00054 U	--	0.00054 U	0.0035	0.0039	0.0059	0.00054 U	0.00054 U	0.00054 U	0.00054 U	0.00054 U	0.00054 U	0.00054 U	0.00054 U
	3/22-24/16	0.00054 U	--	0.00054 U	0.0044	0.0033	0.0073	0.00054 U	0.00054 U	0.00086 J	0.00054 U	0.00054 U	0.00054 U	0.00054 U	0.00054 U
	9/27-29/16	0.00068 U	--	0.00068 U	0.0054	0.0035	0.0071	0.00068 U	0.00068 U	0.00068 U	0.00068 U	0.00068 U	0.00068 U	0.00068 U	0.00068 U
	3/28-30/17	0.00068 U	--	0.00068 U	0.0068	0.0062	0.0072	0.00068 U	0.00068 U	0.00068 U	0.00068 U	0.00068 U	0.00068 U	0.00068 U	0.00068 U
	9/26-28/17	0.00072 U	--	0.00072 U	0.0049	0.0045	0.0058	0.00072 U	0.00072 U	0.00072 U	0.00072 U	0.00072 U	0.00072 U	0.00072 U	0.00072 U
	3/20-22/18	0.007	--	0.00072 U	0.0045	0.002 J	0.007	0.00072 U	0.00072 U	0.00072 U	0.00072 U	0.00072 U	0.00072 U	0.00072 U	0.00072 U
	9/25-27/18	0.00068 U	--	0.00068 U	0.0047	0.0016 J	0.0063	0.00068 U	0.00068 U	0.00068 U	0.00068 U	0.00068 U	0.00068 U	0.00068 U	0.00068 U
	3/19-21/19	0.00068 U	--	0.00068 U	0.0062	0.00086 J	0.0061	0.00068 U	0.00068 U	0.00068 U	0.00068 U	0.00068 U	0.00068 U	0.00068 U	0.00068 U
	9/10-12/19	--	--	0.00068 U	0.0031	0.0038	0.0065	0.00068 U	0.00068 U	0.002 J	0.00068 U	0.00068 U	0.00068 U	0.00068 U	0.00068 U
	6/9-11/20	--	--	0.00068 U	0.0047	0.0060	0.0054	0.00068 U	0.00068 U	0.00068 U	0.00068 U	0.00068 U	0.00068 U	0.00068 U	0.00068 U
	11/2-5/20	--	--	0.00068 U	0.0034	0.0023	0.0047	0.00068 U	0.00068 U	0.00068 U	0.00068 U	0.00068 U	0.00068 U	0.00068 U	0.00068 U
	3/23-25/21	--	--	0.00068 U	0.0034	0.0049	0.0038	0.00068 U	0.00068 U	0.00068 U	0.00068 U	0.00068 U	0.00068 U	0.00068 U	0.00068 U
	9/21-23/21	ABANDONED	--	0.00068 U	0.0029	0.0047	0.0047	0.00068 U	0.00068 U	0.00068 U	0.00068 U	0.00068 U	0.00068 U	0.00068 U	0.0017 J
	3/22-24/22	ABANDONED	0.00094 J	0.00068 U	0.0033	0.0039	0.0057	0.00068 U	0.00068 U	0.00068 U	0.00068 U	0.00068 U	0.00068 U	0.00068 U	0.00068 U
	9/26-28/22	ABANDONED	0.0016 J	0.00068 U	0.0048	0.0056	0.0064	0.00068 U	0.00068 U	0.00068 U	0.00068 U	0.00068 U	0.00068 U	0.00068 U	0.00068 U
Selenium 0.010	11/24/97	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/26/98	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	5/28/98	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/16/98	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/19/98	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	2/8/99	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	5/11/99	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/8-9/99	BRL	--	BRL	--	--	0.17	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	4/18-19/00	BRL	--	BRL	--	--	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	10/16/00	BRL	--	BRL	--	--	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	4/10/01	BRL	--	BRL	--	--	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	11/7-8/01	BRL	--	BRL	--	--	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	4/16-17/02	BRL	--	BRL	--	--	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	10/30-31/02	0.0033 U	--	0.0033 U	--	--	0.0033 U	0.0033 U	0.0033 U	0.0033 U	0.0033 U	0.0033 U	0.0033 U	0.0033 U	0.0064 J
	4/21-24/03	0.0015 J	--	0.0013 U	--	--	0.0031 J	0.002 J	0.0013 U	0.002 J	0.0013 U	0.0013 U	0.0013 U	0.0018 J	0.0054 J
	10/14-16/03	0.0014 J	--	0.0013 U	--	--	0.0013 U	0.0013 U	0.0013 U	0.0018 J	0.0013 U	0.0013 U	0.0017 J	0.0013 U	0.0032 J
	4/20-21/04	0.00071 J	--	0.00083 J	--	--	0.0182	0.00109 J	0.000744 J	0.000714 J	0.000686 J	0.000802 J	0.00102 J	0.000668 J	0.00139 J
	10/18-20/04	0.0004 U	--	0.0004 U	--	--	0.00401 J	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.00064 J	0.0004 U	0.0014 J
	4/26-27/05	0.005 U	--	0.005 U	--	--	0.0016 J	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.0037 J
	11/2-4/05	0.0021 UJ	--	0.0021 UJ	--	--	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.0021 UJ	0.0021 UJ	0.0021 U	0.0021 UJ	0.0021 UJ
	5/30-6/2/06	0.0011 U	--	0.0011 U	0.0011 U	0.0011 U	0.0011 UJ	0.0011 UJ	0.0011 UJ	0.0011 U	0.0011 U	0.0011 U	0.0011 UJ	0.0011 U	0.0011 U
	10/23-11/9/06	0.025 U	--	0.025 U	0.025 U	0.005 U	0.5 UJ	0.05 U	0.005 UJ	0.005 U	0.01 U	0.005 U	0.01 U	0.025 U	0.005 U
	03/5-8/07	0.00064 J	--	0.001 J	0.0013 J	0.00059 J	0.0044 J	0.0017 J	0.00062 J	0.0005 UJ	0.0005 U	0.0005 U	0.0034	0.0005 UJ	0.0027 J
	11/5-9/07	0.00053 U	--	0.00053 U	0.003	0.00053 U	0.0072 J	0.00073 J	0.00053 U	0.00053 UJ	0.00053 U	0.00053 U	0.0032 J	0.00053 UJ	0.00053 UJ
	4/1-3/08	0.00053 U	--	0.00053 U	0.0036	0.00053 U	0.0024	0.00035 U	0.00035 U	0.00035 U	0.00053 U	0.00053 U	0.00035 U	0.00035 U	0.00035 U
	10/27-30/08	0.0003 U	--	0.0003 U	0.001 J	0.0003 U	0.0033	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.00034 J	0.0003 U	0.00065 J
	3/16-19/09	0.00099 U	--	0.00099 U	0.0021	0.00099 U	0.0035	0.00099 U	0.00099 U	0.00099 U	0.00099 U	0.00099 U	0.00099 U	0.00099 U	0.0019 J
	9/14-17/09	0.00099 U	--	0.00099 U	0.00099 U	0.00099 U	0.0033	0.00099 U	0.00099 U	0.00099 U	0.00099 U	0.00099 U	0.00099 U	0.00099 U	0.0012 J
	3/29-4/1/10	0.00099 U	--	0.00099 U	0.00099 U	0.00099 U	0.0032	0.00099 U	0.00099 U	0.00099 U	0.00099 U	0.00099 U	0.00099 U	0.00099 U	0.00099 U
	10/5-7/10	0.00025 U	--	0.00025 U	0.00097 J	0.00031 J	0.0031	0.00025 U	0.00025 U	0.00025 U	0.00025 U	0.00025 U	0.00026 J	0.00025 U	0.0019 J
	3/22-24/11	0.00025 U	--	0.00025 U	0.00086 J	0.00025 U	0.0031	0.00025 U	0.00025 U	0.00025 U	0.00025 U	0.00025 U	0.00035 J	0.00025 U	0.0014 J
	9/27-29/11	0.00027 U	--	0.00027 U	0.0011 J	0.00027 U	0.0031	0.00027 U	0.00027 U	0.00027 U	0.00027 U	0.00027 U	0.00027 U	0.00027 U	0.00027 U
	3/20-22/12	0.00027 U	--	0.00027 U	0.0018 J	0.00037 J	0.0031	0.00027 U	0.00027 U	0.00027 U	0.00027 U	0.00027 U	0.00043 J	0.00027 U	0.00066 J

Table 4. Current and Historical Analytical Results
Union Carbide Corporation,
Woodbine, Camden County, Georgia



Constituent GWPS	Sample Dates	MW-24	MW-24A	MW-25	MW-41	MW-42	MW-10	MW-16	MW-19	MW-22	MW-31	MW-32	MW-33	MW-35	MW-36
		Todd Creek	Todd Creek	Todd Creek	Todd Creek	Todd Creek	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC
		Deep	Deep	Deep	Deep	Shallow	Shallow	Deep	Deep	Deep	Deep	Shallow	Deep	Deep	Shallow
Selenium (continued) 0.010	9/25-27/12	0.0005 U	--	0.0005 U	0.001 J	0.0005 U	0.0024	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
	3/25-28/13	0.0005 U	--	0.0005 U	0.0017 J	0.0005 U	0.0026	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
	9/24-26/13	0.0005 U	--	0.0005 U	0.001 J	0.0005 U	0.0028	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
	3/25-27/14	0.0005 U	--	0.0005 U	0.0013 U	0.0005 U	0.0026	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
	9/23-26/14	0.0005 U	--	0.0005 U	0.002	0.0005 U	0.0027	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
	3/24-26/15	0.0005 U	--	0.0005 U	0.002 J	0.0005 U	0.0027	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.002 J
	9/22-24/15	0.0005 U	--	0.0005 U	0.0012 J	0.0005 U	0.0023	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0027
	3/22-24/16	0.0005 U	--	0.0005 U	0.0013 J	0.0005 U	0.0026	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0021
	9/27-29/16	0.00044 U	--	0.00044 U	0.001 J	0.00044 U	0.002	0.00044 U	0.00044 U	0.00044 U	0.00044 U	0.00044 U	0.00044 U	0.00044 U	0.0019 J
	3/28-30/17	0.00044 U	--	0.00044 U	0.0013 J	0.00062 J	0.0019 J	0.00044 U	0.00044 U	0.00044 U	0.00044 U	0.00044 U	0.00044 U	0.00044 U	0.0017 J
	9/26-28/17	0.0005 U	--	0.0005 U	0.00098 J	0.0018 J	0.0021	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0029
	3/20-22/18	0.0005 U	--	0.0005 U	0.001 J	0.00072 J	0.002 J	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0042
	9/25-27/18	0.00065 U	--	0.00065 U	0.00091 J	0.00065 U	0.002 J	0.00065 U	0.00065 U	0.00065 U	0.00065 U	0.00093 J	0.00065 U	0.00065 U	0.0042
	3/19-21/19	0.00065 U	--	0.00065 UJ	0.00083 J	0.00065 UJ	0.0017 J	0.00065 U	0.00065 U	0.00065 UJ	0.00065 U	0.00065 U	0.00065 UJ	0.00065 U	0.0042
	9/10-12/19	--	--	0.00028 U	0.00062 J	0.00079 J	0.0021	0.00028 U	0.00028 U	0.00028 U	0.00028 U	0.00028 U	0.00028 U	0.00028 U	0.0015
	6/9-11/20	--	--	0.00028 U	0.00068 J	0.0015	0.0020	0.00028 U	0.00028 U	0.00028 U	0.00028 U	0.00028 U	0.00028 U	0.00028 U	0.0016
	11/2-5/20	--	--	0.00028 U	0.00070 J	0.00082 J	0.0019	0.00028 U	0.00028 U	0.00028 U	0.00028 U	0.00028 U	0.00028 U	0.00028 U	0.0011
	3/23-25/21	--	--	0.00028 U	0.00072 J	0.0019	0.0018	0.00028 U	0.00028 U	0.00028 U	0.00028 U	0.00028 U	0.00028 U	0.00028 U	0.0018 J
	9/21-23/21	ABANDONED	--	0.00028 U	0.00071 J	0.0015	0.0020	0.00028 U	0.00028 U	0.00028 U	0.00028 U	0.00028 U	0.00028 U	0.00028 U	0.00028 U
	3/22-24/22	ABANDONED	0.00028 U	0.00028 U	0.00072 J	0.0018 J	0.0019	0.00028 U	0.00028 U	0.00028 U	0.00028 U	0.00028 U	0.00028 U	0.00028 UJ	0.0021
	9/26-28/22	ABANDONED	0.00028 U	0.00028 U	0.00067 J	0.0019	0.0016 J	0.00028 U	0.00028 U	0.00028 U	0.00028 U	0.00028 U	0.00028 U	0.00028 U	0.0016
Vanadium 0.0010	11/24/97	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/26/98	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	5/28/98	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/16/98	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/19/98	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	2/8/99	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	5/11/99	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/8-9/99	BRL	--	BRL	--	--	0.027	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	4/18-19/00	BRL	--	BRL	--	--	0.03	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	10/16/00	BRL	--	BRL	--	--	0.033	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	4/10/01	BRL	--	BRL	--	--	0.05	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	11/7-8/01	BRL	--	BRL	--	--	0.035	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	4/16-17/02	BRL	--	BRL	--	--	0.03	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	10/30-31/02	0.0022 U	--	0.0022 U	--	--	0.027	0.0022 U	0.0022 U	0.0022 U	0.0022 U	0.0022 U	0.0022 U	0.0022 U	0.0036 J
	4/21-24/03	0.0007 U	--	0.0007 U	--	--	0.017	0.00079 J	0.0012 J	0.0016 J	0.0007 U	0.0015 J	0.0021 J	0.0014 J	0.0041 J
	10/14-16/03	0.0007 U	--	0.0007 U	--	--	0.015	0.0007 U	0.0012 J	0.00097 J	0.0015 J	0.0014 J	0.00099 J	0.0013 J	0.0059 J
	4/20-21/04	0.003 U	--	0.003 U	--	--	0.0122	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.00522 J
	10/18-20/04	0.003 U	--	0.003 U	--	--	0.01	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.00401 J	0.003 U	0.00338 J
	4/26-27/05	0.0007 U	--	0.0007 U	--	--	0.0096 J	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.012
	11/2-4/05	0.0007 U	--	0.0007 U	--	--		0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U
	5/30-6/2/06	0.0007 U	--	0.0007 U	0.0007 U	0.0035 J		0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.011
	10/23-11/9/06	0.005 U	--	0.005 U	0.00621 J	0.005 U	0.0192	0.005 U	0.005 U	0.005 U	0.005 U	0.00517 U	0.0108 U	0.005 U	0.00671 J
	03/5-8/07	0.0015 U	--	0.0015 U	0.0039 J	0.0017 J	0.0056	0.0015 U	0.0015 U	0.0015 U	0.0015 U	0.0015 U	0.0026 J	0.0015 U	0.0138
	11/5-9/07	0.0015 U	--	0.0015 U	0.0044 J	0.0033 J	0.0069	0.0015 U	0.0019 J	0.0015 U	0.0015 U	0.0015 U	0.0023 J	0.0015 U	0.0087
	4/1-3/08	0.0015 U	--	0.0015 U	0.0036 J	0.0015 U	0.0072 U	0.0015 U	0.0015 U	0.0015 U	0.0015 U	0.0015 U	0.0028 J	0.0015 U	0.0071 U
	10/27-30/08	0.0025 U	--	0.0025 U	0.0038 J	0.0025 U	0.011	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0029 J	0.0025 U	0.0212
	3/16-19/09	0.0025 U	--	0.0025 U	0.0054	0.0025 U	0.0121	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0034 J	0.0025 U	0.0104
	9/14-17/09	0.0025 U	--	0.0025 U	0.0032 J	0.0025 U	0.0091	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0033 U	0.0025 U	0.022
	3/29-4/1/10	0.0025 U	--	0.0025 U	0.0035 J	0.0025 U	0.0105 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0121

Table 4. Current and Historical Analytical Results
Union Carbide Corporation,
Woodbine, Camden County, Georgia



Constituent GWPS	Sample Dates	MW-24	MW-24A	MW-25	MW-41	MW-42	MW-10	MW-16	MW-19	MW-22	MW-31	MW-32	MW-33	MW-35	MW-36
		Todd Creek	Todd Creek	Todd Creek	Todd Creek	Todd Creek	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC
		Deep	Deep	Deep	Deep	Shallow	Shallow	Deep	Deep	Deep	Deep	Shallow	Deep	Deep	Shallow
Vanadium (continued) 0.0010	10/5-7/10	0.0025 U	--	0.0025 U	0.0057	0.0039 U	0.0099	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0033 J	0.0025 U	0.0105
	3/22-24/11	0.0025 U	--	0.0025 U	0.0041 U	0.0043 U	0.0081	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0039 J	0.0025 U	0.0109
	9/27-29/11	0.00096 U	--	0.0015 J	0.0043 J	0.0061	0.0107	0.00096 J	0.00096 U	0.00096 U	0.00096 U	0.00096 U	0.0051	0.00096 U	0.0082
	3/20-22/12	0.0013 U	--	0.0026 U	0.0122	0.0075	0.0105	0.00096 U	0.00096 U	0.0022 J	0.0012 U	0.0017 U	0.0048 J	0.00096 U	0.0091
	9/25-27/12	0.0013 U	--	0.0013 U	0.0026 J	0.0055 U	0.0125	0.0016 U	0.0017 U	0.002 U	0.0013 U	0.0013 U	0.0045 U	0.0019 U	0.0193
	3/25-28/13	0.0013 U	--	0.0019 J	0.0041 J	0.0034 J	0.0081	0.0013 U	0.0013 U	0.0015 J	0.0013 U	0.0013 U	0.0056	0.0013 U	0.0116
	9/24-26/13	0.002 U	--	0.002 U	0.0041 J	0.0021 J	0.008	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.0046 J	0.002 U	0.0072
	3/25-27/14	0.002 U	--	0.002 U	0.0043 J	0.0022 J	0.0077	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.0093	0.002 U	0.0061 U
	9/23-26/14	0.0019 U	--	0.0019 U	0.0038 J	0.0041 J	0.0067 U	0.0019 U	0.0019 U	0.0019 U	0.0019 U	0.0019 U	0.0045 J	0.0019 U	0.0093
	3/24-26/15	0.0019 U	--	0.0019 U	0.005 J	0.0049 J	0.0065	0.0019 U	0.0019 U	0.0019 U	0.0019 U	0.0019 U	0.0062	0.0019 U	0.0115
	9/22-24/15	0.0014 U	--	0.0018 U	0.0038 U	0.0057	0.0056	0.0014 U	0.0014 U	0.0014 U	0.0014 U	0.0014 U	0.005 J	0.0014 U	0.0124
	3/22-24/16	0.0023 U	--	0.0023 U	0.0042 J	0.0023 U	0.0056	0.0023 U	0.0023 U	0.0026 J	0.0023 U	0.0023 U	0.0046 J	0.0023 U	0.0084
	9/27-29/16	0.0002 U	--	0.0015	0.0045	0.0037	0.0057	0.00041 J	0.00039 J	0.00032 J	0.00034 J	0.00035 J	0.0057	0.00023 J	0.0091
	3/28-30/17	0.0002 U	--	0.0017	0.0053	0.0134	0.0061	0.00056	0.00045 J	0.00043 J	0.00036 J	0.00025 J	0.0052	0.00022 J	0.011
	9/26-28/17	0.00021 U	--	0.0017	0.004	0.0071	0.0062	0.00046 J	0.00036 J	0.00043 J	0.00034 J	0.0004 J	0.0039	0.00027 J	0.0097
	3/20-22/18	0.0015	--	0.0017	0.0038	0.0049	0.0068	0.0004 J	0.00049 J	0.00029 J	0.00031 J	0.00027 J	0.0039	0.00047 J	0.0106
	9/25-27/18	0.0010 UB	--	0.0016 UB	0.0036	0.0024	0.0070	0.00010 UB	0.0010UB	0.00062 J	0.0010 UB	0.0010 UB	0.0047	0.00024 U	0.012
	3/19-21/19	0.00024 U	--	0.0012	0.0037	0.0014	0.0061	0.00041 J	0.00035 J	0.00031 J	0.00024 U	0.00024 U	0.0039	0.00024 U	0.0124
	9/10-12/19	--	--	0.0011	0.0031	0.0065	0.0063	0.00043 J	0.00049 J	0.0053	0.00029 J	0.00025 J	0.0043	0.00050 UB	0.01
	6/9-11/20	--	--	0.00099	0.0028	0.018	0.0055	0.00034 J	0.00029 J	0.00028 J	0.00026 J	0.00033 J	0.0035	0.00024 U	0.0099
	11/2-5/20	--	--	0.0011	0.0031 J	0.0066	0.0051	0.00043 J	0.00029 J	0.00024 U	0.00024 U	0.00024 U	0.0032	0.00024 U	0.010
	3/23-25/21	--	--	0.0010 J	0.0033 J	0.014	0.0056	0.00079 U	0.00079 U	0.00096 J	0.00079 U	0.00079 U	0.0030 J	0.00079 U	0.0069
	9/21-23/21	ABANDONED	--	0.00099 J	0.0030 J	0.014	0.0057	0.00079 U	0.00079 U	0.00079 U	0.00079 U	0.00079 U	0.0042	0.00079 U	0.0093
	3/22-24/22	ABANDONED	0.00079 U	0.0011 J	0.0035 J	0.014	0.0061	0.00079 U	0.00079 U	0.00079 U	0.00079 U	0.00079 U	0.0033 J	0.00079 U	0.011
	9/26-28/22	ABANDONED	0.00079 U	0.0011 J	0.0032 J	0.020	0.0061	0.00079 U	0.00079 U	0.00079 U	0.00079 U	0.00079 U	0.0032 J	0.00079 U	0.0088
Cyanide 0.20	11/24/97	BRL	--	BRL	--	--	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	3/26/98	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	5/28/98	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/16/98	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/19/98	BRL	--	BRL	--	--	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	2/8/99	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	5/11/99	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/8-9/99	BRL	--	BRL	--	--	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	4/18-19/00	BRL	--	BRL	--	--	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	10/16/2000	BRL	--	BRL	--	--	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	4/10/01	BRL	--	BRL	--	--	0.027	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	11/7-8/01	BRL	--	BRL	--	--	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	4/16-17/02	BRL	--	BRL	--	--	0.33	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	10/30-31/02	0.005 U	--	0.005 U	--	--	0.033	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
	4/21-24/03	0.005 U	--	0.005 U	--	--	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.0065 J	0.005 U	0.005 U
	10/14-16/03	0.005 U	--	0.005 U	--	--	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
	4/20-21/04	0.005 U	--	0.005 U	--	--	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
	10/18-20/04	0.005 U	--	0.005 U	--	--	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.00471 J	0.005 U	0.005 U
	4/26-27/05	0.005 U	--	0.005 U	--	--	0.1286	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
	11/2-4/05	0.001 U	--	0.001 U	--	--	0.1058	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0073
	5/30-6/2/06	0.0006 U	--	0.0006 U	0.0006 U	0.0006 J	0.1102	0.0006 U	0.0006 U	0.0006 U	0.0006 U	0.0006 U	0.0006 U	0.0006 U	0.001 J
	10/23-11/9/06	0.005 U	--	0.005 U	0.00555 J	0.005 U	0.00555 J	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
	3/5-8/07	0.005 U	--	0.005 U	0.005 U	0.005 U	0.005 U	0.005 UJ	0.005 UJ	0.005 UJ	0.005 U	0.005 U	0.005 U	0.005 UJ	0.005 UJ
	11/5-9/07	0.005 U	--	0.005 U	0.01 U	0.005 U	0.005 UJ	0.005 UJ	0.005 U	0.005 UJ	0.005 U	0.005 U	0.005 UJ	0.005 UJ	0.005 UJ
	4/1-3/08	0.005 U	--	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
	10/27-30/08	0.005 U	--	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U

Table 4. Current and Historical Analytical Results

Union Carbide Corporation,
Woodbine, Camden County, Georgia



Constituent GWPS	Sample Dates	MW-24	MW-24A	MW-25	MW-41	MW-42	MW-10	MW-16	MW-19	MW-22	MW-31	MW-32	MW-33	MW-35	MW-36
		Todd Creek	Todd Creek	Todd Creek	Todd Creek	Todd Creek	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC
		Deep	Deep	Deep	Deep	Shallow	Shallow	Deep	Deep	Deep	Deep	Shallow	Deep	Deep	Shallow
Cyanide (continued) 0.20	3/16-19/09	0.005 U	--	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.01 U	0.005 U	0.005 U
	9/14-17/09	0.005 U	--	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
	3/29-4/1/10	0.005 U	--	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
	10/5-7/10	0.005 U	--	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
	3/22-24/11	0.005 U	--	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
	9/27-29/11	0.005 U	--	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
	3/20-22/12	0.005 U	--	0.005 U	0.0051 J	0.005 U	0.005 U	0.005 U	0.0092 J	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
	9/25-27/12	0.005 U	--	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
	3/25-28/13	0.005 U	--	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
	9/24-26/13	0.005 U	--	0.13	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
	3/25-27/14	0.005 U	--	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
	9/23-26/14	0.005 U	--	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
	3/24-26/15	0.005 U	--	0.005 U	0.005 U	0.015	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
	9/22-24/15	0.005 U	--	0.005 U	0.031	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
	3/22-24/16	0.005 U	--	0.01 U	0.01 U	0.01 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.01 U	0.005 U	0.005 U	0.005 U
	9/27-29/16	0.005 U	--	0.005 U	0.019	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
	3/28-30/17	0.005 U	--	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
	9/26-28/17	0.005 U	--	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
	3/20-22/18	0.005 U	--	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 UJ
	9/25-27/18	0.005 U	--	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
	3/19-21/19	0.005 U	--	0.005 UJ	0.005 UJ	0.005 UJ	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
	9/10-12/19	--	--	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0050 UJ	0.01 U	0.01 U	0.01 U	0.01 U	0.0050 UJ	0.0050 UJ
	6/9-11/20	--	--	0.0050 U	0.0050 UJ	0.0050 U	0.16	0.0050 U	0.0050 U	0.0050 UJ	0.0050 UJ	0.0050 U	0.0050 UJ	0.0050 UJ	0.0050 U
	11/2-5/20	--	--	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U
	3/23-25/21	--	--	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U
	9/21-23/21	ABANDONED	--	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U
	3/22-24/22	ABANDONED	0.0050 U	0.0050 U	0.0050 UJ	0.0050 UJ	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U
	9/26-28/22	ABANDONED	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U
Fluoride 4.0	10/30-31/02	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	10/14-16/03	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/3/05	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	1/19/06	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	10/23-11/9/06	0.217	--	0.129	0.0881 J	0.05 U	0.05 U	0.127	0.338	0.272	0.249	0.05 U	0.183	0.206	0.05 U
	3/5-8/07	0.208	--	0.11	0.081 J	0.027 U	0.025 U	0.134 U	0.265	0.225	0.291	0.0265 U	0.192	0.181	0.025 U
	11/5-9/07	0.191	--	0.119	0.0825 J	0.027 U	0.028 U	0.136	0.241	0.217	0.276	0.027 U	0.178	0.172	0.0275 U
	4/1-3/08	0.17	--	0.12	0.095	0.028 U	0.028 U	0.13	0.24	0.24	0.29	0.027 U	0.18	0.17	0.028 U
	10/27-30/08	0.18	--	0.09 J	0.071 J	0.026 U	0.027 U	0.12	0.21	0.19	0.27	0.029 J	0.21	0.19	0.027 U
	3/16-19/09	0.19	--	0.095	0.061 U	0.028 U	0.027 U	0.13	0.25	0.2	0.3	0.028 U	0.18	0.2 U	0.027 U
	9/14-17/09	0.19 U	--	0.097 U	0.065 U	0.029 U	0.028 U	0.13	0.2	0.22	0.26	0.028 U	0.16	0.17 U	0.027 U
	3/29-4/1/10	0.2	--	0.12	0.051 J	0.027 U	0.028 U	0.18	0.3	0.17	0.28	0.028 U	0.18	0.18	0.027 U
	10/5-7/10	0.22 U	--	0.11 U	0.078 U	0.028 U	0.028 U	0.16	0.25	0.2	0.27 U	0.028 U	0.19	0.21	0.028 U
	3/22-24/11	0.21	--	0.11	0.07 J	0.046 J	0.027 U	0.23 U	0.26 U	0.26 U	0.35	0.036 J	0.24 U	0.22 U	0.028 U
	9/27-29/11	0.22	--	0.11	0.087 J	0.028 U	0.027 U	0.19	0.26	0.19	0.27	0.028 U	0.21	0.19	0.027 U
	3/20-22/12	0.21	--	0.11	1.7	0.028 U	0.027 U	0.19	0.21	0.32	0.28	0.027 U	0.2	0.2	0.029 U
	9/25-27/12	0.26	--	0.13	0.1	0.028 U	0.028 U	0.23	0.24	0.2	0.32	0.028 U	0.22	0.23	0.028 U
	3/25-28/13	0.2	--	0.099	0.063 J	0.028 U	0.028 U	0.17	0.21	0.25	0.28	0.028 U	0.17	0.19	0.027 U
	9/24-26/13	0.3	--	0.11	0.072 J	0.027 U	0.027 U	0.2	0.23	0.23	0.26	0.028 U	0.19	0.21	0.027 U
	3/25-27/14	0.27	--	0.12	0.072 J	0.028 U	0.028 U	0.21	0.25	0.25	0.26	0.028 U	0.27	0.22	0.027 U
	9/23-26/14	0.23	--	0.11	0.098	0.029 U	0.027 U	0.19	0.27	0.25	0.25	0.028 U	0.19	0.21	0.027 U
	3/24-26/15	0.27	--	0.11	0.092	0.028 U	0.027 U	0.2	0.25	0.24	0.27	0.027 U	0.22	0.2	0.028 U

Table 4. Current and Historical Analytical Results
Union Carbide Corporation,
Woodbine, Camden County, Georgia



Constituent GWPS	Sample Dates	MW-24	MW-24A	MW-25	MW-41	MW-42	MW-10	MW-16	MW-19	MW-22	MW-31	MW-32	MW-33	MW-35	MW-36
		Todd Creek	Todd Creek	Todd Creek	Todd Creek	Todd Creek	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC
		Deep	Deep	Deep	Deep	Shallow	Shallow	Deep	Deep	Deep	Deep	Shallow	Deep	Deep	Shallow
Fluoride (continued) 4.0	9/22-24/15	0.25	--	0.12	0.092	0.027 U	0.028 U	0.21	0.28	0.28	0.27	0.028 U	0.18	0.18	0.027 U
	3/22-24/16	0.25	--	0.11	0.092	0.028 U	0.028 U	0.2	0.28	0.31	0.28	0.028 U	0.19	0.2	0.028 U
	9/27-29/16	0.25	--	0.12	0.09	0.027 U	0.028 U	0.22	0.28	0.28	0.29	0.028 U	0.24	0.21	0.028 U
	3/28-30/17	0.25	--	0.11	0.11	0.027 U	0.028 U	0.18	0.26	0.26	0.28	0.028 U	0.22	0.21	0.028 U
	9/26-28/17	0.27	--	0.11	0.083 J	0.027 U	0.028 U	0.21	0.27	0.3	0.29	0.028 U	0.2	0.22	0.028 U
	3/20-22/18	0.25	--	0.12	0.075 J	0.028 U	0.028 U	0.21	0.24	0.32	0.28	0.028 U	0.19	0.22	0.029 U
	9/25-27/18	0.26	--	0.11	0.073 J	0.028 U	0.028 U	0.19	0.25	0.27	0.27	0.027 U	0.19	0.21	0.028 U
	3/19-21/19	0.26	--	0.11	0.071 J	0.027 U	0.028 U	0.19	0.26	0.23	0.28	0.028 U	0.2	0.2	0.029 U
	9/10-12/19	--	--	0.11	0.065 J	0.028 U	0.028 U	0.16	0.27	0.22	0.24	0.028 U	0.21	0.2	0.028 U
	6/9-11/20	--	--	0.11	0.067 J	0.029 U	0.029 U	0.19	0.26	0.21	0.25	0.028 U	0.18	0.20	0.028 U
	11/2-5/20	--	--	0.11	0.063 J	0.027 U	0.028 U	0.21	0.25	0.23	0.26	0.029 U	0.18	0.20	0.027 U
	3/23-25/21	--	--	0.10	0.065 J	0.026 U	0.028 U	0.19	0.24	0.21	0.28	0.028 J	0.17	0.18	0.028 U
	9/21-23/21	ABANDONED	--	0.11	0.068 J	0.029 U	0.028 U	0.21	0.24	0.25	0.29	0.028 U	0.18	0.20	0.027 U
	3/22-24/22	ABANDONED	0.37	0.11	0.055 J	0.028 U	0.028 U	0.20	0.26	0.20	0.27	0.028 U	0.19	0.20	0.028 U
	9/26-28/22	ABANDONED	0.38	0.11	0.065 J	0.028 U	0.029 U	0.21	0.24	0.21	0.26	0.029 U	0.18	0.19	0.028 U
Sulfide Background	11/24/97	BRL	--	BRL	--	--	0.082	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	3/26/98	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	5/28/98	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/16/98	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/19/98	BRL	--	BRL	--	--	BRL	0.49	BRL	BRL	BRL	BRL	0.63	BRL	BRL
	2/8/99	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	5/11/99	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/8-9/99	BRL	--	BRL	--	--	170	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	4/18-19/00	BRL	--	BRL	--	--	140	1	BRL	BRL	BRL	BRL	BRL	1.1	BRL
	10/16/00	BRL	--	BRL	--	--	120	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	4/10/01	BRL	--	BRL	--	--	75	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	11/7-8/01	14	--	0.04 U	--	--	110	0.04 U	0.04 U	0.04 U	0.04 U	BRL	0.04 U	0.04 U	0.04 U
	4/16-17/02	BRL	--	BRL	--	--	100	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	10/30-31/02	0.8 U	--	0.8 U	--	--	100	0.8 U	0.8 U	0.94 J	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U
	4/21-24/03	0.8 U	--	0.8 U	--	--	63	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U
	10/14-16/03	0.8 U	--	0.8 U	--	--	76	0.8 U	1.2	1	0.94 J	0.85 J	1	0.8 U	0.8 U
	4/20-21/04	0.05 U	--	0.05 U	--	--	0.321	0.501	0.217	0.0718	0.068	0.165	1.42	0.12	0.05 U
	10/18-20/04	0.05 U	--	0.05 U	--	--	66.3	0.107	0.221	0.05 U	0.05 U	0.0647	1.05	0.122	0.05 U
	4/26-27/05	0.02 U	--	0.02 U	--	--	47.9	0.008 J	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.017 J	0.02 U
	11/2-4/05	0.006 U	--	0.029	--	--	15.2	0.054	0.212	0.006 U	0.096	0.045	0.039	0.17	0.124
	5/30-6/2/06	0.006 U	--	0.01 J	0.006 U	0.596	71.2 J	0.107	0.236	0.013 J	0.006 U	0.006 U	1.62 J	0.02 J	0.006 U
	10/23-11/9/06	0.25 U	--	0.25 U	5.1	0.3 J	8.5 J	0.3 J	0.3 J	0.3 J	0.25 U	0.25 U	1	0.25 U	0.25 U
	03/5-8/07	0.054 U	--	0.054 U	51.9	0.054 U	109	0.18	0.11 J	0.086 J	0.073 J	0.054 U	1.4	0.19	0.054 U
	11/5-9/07	0.054 U	--	0.054 U	33.1	0.054 U	83.6	0.054 U	0.1 J	0.054 U	0.054 U	0.054 U	0.6	0.14 J	1.1
	4/1-3/08	0.054 U	--	0.054 U	63.5	0.054 U	167	0.13 J	0.17	0.084 J	0.079 J	0.054 U	2.7	0.23	0.15 J
	10/27-30/08	0.054 U	--	0.054 U	49.3	0.054 U	97.3	0.24	0.18	0.11 J	0.054 U	0.054 U	0.69	0.13 J	0.054 U
	3/16-19/09	0.054 U	--	0.054 U	67.9	0.054 U	81.7	0.16 J	0.11 J	0.054 U	0.054 U	0.054 U	0.53	0.11 J	0.054 U
	9/14-17/09	0.054 U	--	0.054 U	76.2	0.054 U	143	0.26	0.13 J	0.062 J	0.054 U	0.054 U	0.69	0.11 J	0.054 U
	3/29-4/1/10	0.054 U	--	0.054 U	75.8	0.054 U	78.1	0.19	0.099 J	0.11 J	0.054 U	0.054 U	0.82	0.12 J	0.054 U
	10/5-7/10	0.054 U	--	0.054 U	53.9	0.054 U	70.2	0.16 J	0.14 J	0.13 J	0.054 U	0.054 U	1.6	0.15 J	0.054 U
	3/22-24/11	0.054 U	--	0.054 U	71.7	0.054 U	72.5	0.054 U	0.085 J	0.054 U	0.054 U	0.054 U	0.71	0.12 J	0.054 U
	9/27-29/11	0.054 U	--	0.054 U	67.6	0.054 U	75.7	0.062 J	0.17	0.21	0.054 U	0.054 U	0.98	0.15 J	0.054 UJ
	3/20-22/12	0.054 U	--	0.054 U	73.8	0.054 U	83.5	0.054 U	0.92	1.3	0.054 U	0.054 U	0.78	0.093 J	0.054 U
	9/25-27/12	0.054 U	--	0.054 U	63.9	0.054 U	83.2	0.054 U	5.9	0.37	0.054 U	0.054 U	0.87	0.077 J	0.88
	3/25-28/13	0.054 U	--	0.054 U	54.5	0.054 U	95.9	0.054 U	2.3	0.054 U	0.054 U	0.054 U	0.84	0.1 J	0.054 U

Table 4. Current and Historical Analytical Results
Union Carbide Corporation,
Woodbine, Camden County, Georgia



Constituent GWPS	Sample Dates	MW-24	MW-24A	MW-25	MW-41	MW-42	MW-10	MW-16	MW-19	MW-22	MW-31	MW-32	MW-33	MW-35	MW-36
		Todd Creek	Todd Creek	Todd Creek	Todd Creek	Todd Creek	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC
		Deep	Deep	Deep	Deep	Shallow	Shallow	Deep	Deep	Deep	Deep	Shallow	Deep	Deep	Shallow
Sulfide (continued) Background	9/24-26/13	0.054 U	--	0.054 U	77.1	0.054 U	84 J	0.054 U	4.6	0.065 J	0.057 J	0.054 U	0.72	0.091 J	0.054 U
	3/25-27/14	0.054 U	--	0.054 U	100	0.054 U	83.6	0.054 U	5.1	0.054 U	0.054 U	0.054 U	1	0.12 J	0.054 U
	9/23-26/14	0.054 U	--	0.054 U	94.7	0.054 U	91.5	0.054 U	4.1	0.11 J	0.092 J	0.054 U	0.82	0.11 J	0.31
	3/24-26/15	0.054 U	--	0.054 U	96.8	0.054 U	72.6	0.054 U	4.2	0.054 U	0.094 J	0.054 U	0.9	0.093 J	0.054 U
	9/22-24/15	0.054 U	--	0.054 U	77.8	0.054 U	79.8	0.054 U	2.9	0.069 J	0.085 J	0.054 U	1.1	0.13 J	0.054 U
	3/22-24/16	0.03 U	--	0.03 U	61.4	0.03 U	61.1	0.03 U	1.9	0.033 J	0.11	0.03 U	0.79	0.12	0.03 U
	9/27-29/16	0.03 U	--	0.03 U	80.3	0.03 U	80	0.03 U	0.81	0.035 J	0.09 J	0.03 U	0.8	0.069 J	0.03 U
	3/28-30/17	0.03 U	--	0.03 U	99.6	0.03 U	78.3	0.08 J	2.7	0.13	0.16	0.03 U	0.72	0.19	0.03 U
	9/26-28/17	0.1 U	--	0.1 U	70.6	0.1 U	90.3	0.08 U	2.5 J	0.11	0.14	0.1 U	1.5	0.2	0.051 U
	3/20-22/18	0.03 U	--	0.03 U	66.8	0.03 U	63.9	0.03 U	5.7	0.053 J	0.069 J	0.03 U	1.5	0.22	0.03 U
	9/25-27/18	0.1 U	--	0.1 U	93.8	0.1 U	56.9 J	0.33	7.2	0.15 J	0.1 U	0.1 U	1.5	0.18 J	0.1 U
	3/19-21/19	0.1 U	--	0.1 U	45.7 J	0.1 U	63	0.13 J	3	0.11 J	0.1 U	0.1 U	1.9	0.18 J	0.1 U
	9/10-12/19	--	--	0.1 U	1.3	0.1 U	2.8	0.1 U	49.3	0.11 J	0.1 U	0.1 U	1.7	0.12 J	0.1 U
	6/9-11/20	--	--	0.10 U	50	0.10 U	95 J	0.10 U	2.4	0.13 J	0.10 J	0.10 U	0.98 J	0.10 U	0.10 U
	11/2-5/20	--	--	0.10 U	39	0.10 U	66	0.10 U	1.8	0.10 U	0.10 U	0.10 U	0.99	0.10 U	0.10 U
	3/23-25/21	--	--	0.10 U	9.9	0.10 U	1.1	0.10 U	1.6	0.14 J	0.10 U	0.10 U	0.66	0.10 U	0.10 U
	9/21-23/21	ABANDONED	--	0.10 U	16 J	0.10 U	25	0.10 U	1.5 J	0.10 U	0.10 U	0.10 U	0.77	0.10 U	0.57
	3/22-24/22	ABANDONED	0.10 UJ	0.10 UJ	7.0	0.10 U	5.3	0.10 UJ	1.0	0.10 U	0.10 UJ	0.10 U	0.49	0.10 U	0.10 U
	9/26-28/22	ABANDONED	0.10 U	0.10 U	10	0.10 U	21	0.10 U	1.1 J	0.12 J	0.10 U	0.10 U	0.62 J	0.10 J	0.10 U

Table 4. Current and Historical Analytical Results
Union Carbide Corporation,
Woodbine, Camden County, Georgia



Constituent GWPS	Sample Dates	MW-40	MW-43	MW-44	MW-45	MW-46	MW-47	MW-48	MW-49	MW-50	MW-51	MW-52
		non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC
		Deep	Deep	Shallow	Shallow	Deep	Shallow	Deep	Deep	Deep	Deep	Deep
Acetone 12.714	11/24/97	--	--	--	--	--	--	--	--	--	--	--
	3/26/98	--	--	--	--	--	--	--	--	--	--	--
	5/28/98	--	--	--	--	--	--	--	--	--	--	--
	9/16/98	--	--	--	--	--	--	--	--	--	--	--
	11/19/98	--	--	--	--	--	--	--	--	--	--	--
	2/8/99	--	--	--	--	--	--	--	--	--	--	--
	5/11/99	--	--	--	--	--	--	--	--	--	--	--
	11/8-9/99	--	--	--	--	--	--	--	--	--	--	--
	4/18-19/00	--	--	--	--	--	--	--	--	--	--	--
	10/16/2000	--	--	--	--	--	--	--	--	--	--	--
	4/10/01	--	--	--	--	--	--	--	--	--	--	--
	11/7-8/01	--	--	--	--	--	--	--	--	--	--	--
	4/16-17/02	--	--	--	--	--	--	--	--	--	--	--
	10/30-31/02	--	--	--	--	--	--	--	--	--	--	--
	4/21-24/03	--	--	--	--	--	--	--	--	--	--	--
	10/14-16/03	--	--	--	--	--	--	--	--	--	--	--
	4/20-21/04	--	--	--	--	--	--	--	--	--	--	--
	10/18-20/04	--	--	--	--	--	--	--	--	--	--	--
	4/26-27/05	--	--	--	--	--	--	--	--	--	--	--
	11/2-4/05	--	--	--	--	--	--	--	--	--	--	--
	5/30-7/5/06	0.0908	0.00142 U	0.00142 U	0.112 J	0.00142 U	0.00142 U	0.527	--	--	--	--
	10/23-11/9/06	0.297 J	0.0025 UJ	0.00375 J	0.003 J	0.0025 UJ	0.0025 UJ	0.523 J	--	--	--	--
	1/4/07	--	--	--	--	--	--	--	--	--	--	--
	3/5-8/07	0.053	0.006 U	0.006 U	0.11	0.006 U	0.006 U	0.16	--	--	--	--
	11/5-9/07	0.033	0.006 U	0.006 U	0.17	0.006 U	0.006 U	0.58 X	--	--	--	--
	1/22/08	--	--	--	--	--	--	0.22	--	--	--	--
	4/1-3/08	0.041	0.006 U	0.006 U	0.027	0.006 U	0.006 U	0.32	--	--	--	--
	10/27-30/08	0.015 J	0.006 U	0.006 U	0.12	0.006 U	0.006 U	0.18	--	--	--	--
	3/16-19/09	0.011 J	0.006 U	0.006 U	0.12	0.006 U	0.006 U	0.14	--	--	--	--
	9/14-17/09	0.035 J	0.006 UJ	0.006 UJ	0.12 J	0.006 UJ	0.006 UJ	0.21 J	--	--	--	--
	3/29-4/1/10	0.01 J	0.006 UJ	0.006 UJ	0.023 J	0.006 UJ	0.006 UJ	0.083 J	--	--	--	--
	10/5-7/10	0.006 U	0.006 U	0.006 U	0.028	0.006 U	0.006 U	0.15	--	--	--	--
	3/22-24/11	0.006 UJ	0.006 UJ	0.006 UJ	0.011 J	0.006 UJ	0.006 UJ	0.1 J	--	--	--	--
	9/27-29/11	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.17 J	--	--	--	--
	3/20-22/12	0.003 U	0.003 U	0.003 U	0.024	0.003 U	0.003 U	0.092	0.003 U	0.003 U	0.003 U	0.003 U
	9/25-27/12	0.003 U	0.003 U	0.003 U	0.0039 J	0.003 U	0.003 U	0.12	0.003 U	0.01	0.003 U	0.003 U
	3/25-28/13	0.003 U	0.003 UJ	0.003 U	0.0059	0.003 U	0.003 UJ	0.16 J	0.003 UJ	0.003 UJ	0.003 UJ	0.003 UJ
	9/24-26/13	0.003 U	0.003 U	0.003 U	0.007	0.003 U	0.003 U	0.094	0.003 U	0.003 U	0.003 U	0.003 U
	3/25-27/14	0.003 U	0.003 U	0.003 U	0.02	0.003 U	0.003 U	0.067	0.003 U	0.003 U	0.003 U	0.003 U
	9/23-26/14	0.003 U	0.003 U	0.003 U	0.02	0.003 U	0.003 U	0.056	0.003 U	0.003 U	0.003 U	0.003 U
	3/24-26/15	0.003 U	0.003 U	0.003 U	0.024	0.003 U	0.003 U	0.038	0.003 U	0.003 U	0.003 U	0.003 U
	9/22-24/15	0.003 U	0.003 U	0.003 U	0.016	0.003 U	0.003 U	0.016	0.003 U	0.003 U	0.003 U	0.003 U
	3/22-24/16	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.006 U	0.003 U	0.003 U	0.003 U	0.003 U
	9/27-29/16	0.003 U	0.003 U	0.003 U	0.01	0.003 U	0.003 U	0.011	0.003 U	0.003 U	0.003 U	0.003 U
	3/28-30/17	0.003 UJ	0.003 UJ	0.003 UJ	0.0035 J	0.003 U	0.003 UJ	0.0049 J	0.003 U	0.003 U	0.003 U	0.003 UJ
	9/26-28/17	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.0046 J	0.003 U	0.003 U	0.003 U	0.003 U
	3/20-22/18	0.003 U	0.003 U	0.006 U	0.006 U	0.003 U	0.003 U	0.006 U	0.003 U	0.003 U	0.003 U	0.003 U
	9/25-27/18	0.0014 J	0.0011 U	0.0011 U	0.14	0.0011 U	0.0014 J	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
	3/19-21/19	0.005 UB	0.005 UB	0.0061 UB	0.077 J	0.005 UBJ	0.0057 UB	0.007 UB	0.005 UBJ	0.005 UBJ	0.005 UB	0.005 UB

Table 4. Current and Historical Analytical Results
Union Carbide Corporation,
Woodbine, Camden County, Georgia



Constituent GWPS	Sample Dates	MW-40	MW-43	MW-44	MW-45	MW-46	MW-47	MW-48	MW-49	MW-50	MW-51	MW-52
		non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC
		Deep	Deep	Shallow	Shallow	Deep	Shallow	Deep	Deep	Deep	Deep	Deep
Acetone (continued) 12.714	9/10-12/19	0.0011 U	0.0011 U	0.0011 U	0.15	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.005 UB	0.0011 UJ	0.0011 U
	6/9-11/20	0.0016 J	0.0050 UB	0.0050 UB	0.028	0.0050 UB	0.0014 J	0.0011 J	0.00090 U	0.0012 J	0.0050 UB	0.0050 UB
	11/2-5/20	0.00090 J	0.0050 UB	0.0050 UB	0.13	0.0026 J	0.00090 U	0.0014 J	0.00090 U	0.00090 U	0.0050 UB	0.0050 UB
	3/23-25/21	0.0050 UB	0.00096 J	0.01 UB	0.11	0.00090 U	0.0050 UB	0.01 UB	0.0050 UB	0.0050 UB	0.0014 J	0.0050 UB
	9/21-23/21	0.00090 U	0.00090 U	0.00090 U	0.042	0.00090 U	0.00090 U	0.0012 J	0.0011 J	0.0011 J	0.0016 J	0.00090 U
	3/22-24/22	0.00090 U	0.00090 U	0.0010 J	0.059	0.0011 J	0.00090 U	0.00093 J	0.00090 U	0.00099 J	0.00090 U	0.00090 U
	9/26-28/22	0.0010 U	0.0010 U	0.0010 U	0.046	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U
Acetonitrile 0.257	11/24/97	--	--	--	--	--	--	--	--	--	--	--
	3/26/98	--	--	--	--	--	--	--	--	--	--	--
	5/28/98	--	--	--	--	--	--	--	--	--	--	--
	9/16/98	--	--	--	--	--	--	--	--	--	--	--
	11/19/98	--	--	--	--	--	--	--	--	--	--	--
	2/8/99	--	--	--	--	--	--	--	--	--	--	--
	5/11/99	--	--	--	--	--	--	--	--	--	--	--
	11/8-9/99	--	--	--	--	--	--	--	--	--	--	--
	4/18-19/00	--	--	--	--	--	--	--	--	--	--	--
	10/16/2000	--	--	--	--	--	--	--	--	--	--	--
	4/10/01	--	--	--	--	--	--	--	--	--	--	--
	11/7-8/01	--	--	--	--	--	--	--	--	--	--	--
	4/16-17/02	--	--	--	--	--	--	--	--	--	--	--
	10/30-31/02	--	--	--	--	--	--	--	--	--	--	--
	4/21-24/03	--	--	--	--	--	--	--	--	--	--	--
	10/14-16/03	--	--	--	--	--	--	--	--	--	--	--
	4/20-21/04	--	--	--	--	--	--	--	--	--	--	--
	10/18-20/04	--	--	--	--	--	--	--	--	--	--	--
	4/26-27/05	--	--	--	--	--	--	--	--	--	--	--
	11/2-4/05	--	--	--	--	--	--	--	--	--	--	--
	5/30-7/5/06	0.00286 U	0.00286 U	0.00286 U	0.00286 U	0.00286 U	0.00286 U	0.0286 U	--	--	--	--
	10/23-11/9/06	0.05 UJ	0.05 U	0.05 UJ	0.05 UJ	0.05 UJ	0.05 U	0.05 U	--	--	--	--
	1/4/07	--	--	--	--	--	--	--	--	--	--	--
	3/5-8/07	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.029 J	--	--	--	--
	11/5-9/07	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.25 UX	--	--	--	--
	1/22/08	--	--	--	--	--	--	0.043 J	--	--	--	--
	4/1-3/08	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.069 J	--	--	--	--
	10/27-30/08	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	--	--	--	--
	3/16-19/09	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.038 J	--	--	--	--
	9/14-17/09	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.058 J	--	--	--	--
	3/29-4/1/10	0.025 U	0.025 U	0.025 U	0.028 J	0.025 U	0.025 U	0.084 J	--	--	--	--
	10/5-7/10	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 UJ	0.035 J	--	--	--	--
	3/22-24/11	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	--	--	--	--
	9/27-29/11	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.25 U	--	--	--	--
	3/20-22/12	0.007 U	0.007 U	0.007 U	0.042	0.007 U	0.007 U	0.024	0.007 U	0.007 U	0.007 U	0.007 U
	9/25-27/12	0.007 U	0.007 U	0.007 U	0.012 J	0.007 U	0.007 U	0.028 J	0.007 U	0.024	0.007 U	0.007 U
	3/25-28/13	0.007 U	0.007 U	0.007 U	0.079 J	0.007 U	0.007 U	0.019 J	0.007 U	0.007 U	0.007 U	0.007 U
	9/24-26/13	0.007 U	0.007 U	0.007 U	0.027 J	0.007 U	0.007 U	0.007 U	0.007 U	0.052 J	0.007 U	0.007 U
	3/25-27/14	0.007 U	0.007 U	0.007 U	0.015 J	0.007 U	0.007 U	0.015 J	0.007 U	0.007 U	0.007 U	0.007 U
	9/23-26/14	0.007 UJ	0.007 UJ	0.007 UJ	0.007 UJ	0.007 UJ	0.007 U	0.007 U	0.007 UJ	0.007 UJ	0.007 U	0.007 U
	3/24-26/15	0.007 U	0.007 U	0.007 U	0.016 J	0.007 U	0.007 U	0.014 U	0.007 U	0.007 U	0.007 U	0.007 U
	9/22-24/15	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U	0.014 U	0.007 U	0.007 U	0.007 U	0.007 U
	3/22-24/16	0.007 U	0.007 U	0.007 U	0.0099 J	0.007 U	0.007 U	0.014 U	0.007 U	0.007 U	0.007 UJ	0.007 U
	9/27-29/16	0.007 U	0.007 U	0.007 U	0.077	0.007 U	0.007 U	0.014 U	0.007 U	0.007 U	0.007 U	0.007 U

Table 4. Current and Historical Analytical Results
Union Carbide Corporation,
Woodbine, Camden County, Georgia



Constituent GWPS	Sample Dates	MW-40	MW-43	MW-44	MW-45	MW-46	MW-47	MW-48	MW-49	MW-50	MW-51	MW-52
		non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC
		Deep	Deep	Shallow	Shallow	Deep	Shallow	Deep	Deep	Deep	Deep	Deep
Acetonitrile (continued) 0.257	3/28-30/17	0.007 U	0.007 U	0.007 U	0.063	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U
	9/26-28/17	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U
	3/20-22/18	0.007 U	0.007 U	0.014 U	0.025 J	0.007 U	0.007 U	0.014 U	0.007 U	0.007 U	0.007 U	0.007 U
	9/25-27/18	0.0039 U	0.0039 U	0.0039 U	0.0039 U	0.0039 U	0.0039 U	0.0039 U	0.0039 U	0.0039 U	0.0039 U	0.0039 U
	3/19-21/19	0.0039 U	0.0039 U	0.0039 U	0.029 J	0.0039 U	0.0039 U	0.0039 U	0.0039 U	0.0039 U	0.0039 U	0.0039 U
	9/10-12/19	0.0039 U	0.0039 U	0.0039 U	0.02 J	0.0039 U	0.0039 U	0.0039 U	0.0039 U	0.0039 U	0.0039 UJ	0.0039 U
	6/9-11/20	0.0030 U	0.0030 U	0.0030 U	0.0030 U	0.0030 U	0.0030 U	0.0030 U	0.0030 U	0.0030 U	0.0030 U	0.0030 U
	11/2-5/20	0.0030 U	0.0030 U	0.0030 U	0.0030 U	0.0030 U	0.0030 U	0.0030 U	0.0030 U	0.0030 U	0.0030 U	0.0030 U
	3/23-25/21	0.0030 U	0.0030 U	0.0060 U	0.0060 U	0.0030 U	0.0030 U	0.0060 U	0.0030 U	0.0030 U	0.0030 U	0.0030 U
	9/21-23/21	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U
	3/22-24/22	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U
	9/26-28/22	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U
Methyl Ethyl Ketone 6.549	11/24/97	--	--	--	--	--	--	--	--	--	--	--
	3/26/98	--	--	--	--	--	--	--	--	--	--	--
	5/28/98	--	--	--	--	--	--	--	--	--	--	--
	9/16/98	--	--	--	--	--	--	--	--	--	--	--
	11/19/98	--	--	--	--	--	--	--	--	--	--	--
	2/8/99	--	--	--	--	--	--	--	--	--	--	--
	5/11/99	--	--	--	--	--	--	--	--	--	--	--
	11/8-9/99	--	--	--	--	--	--	--	--	--	--	--
	4/18-19/00	--	--	--	--	--	--	--	--	--	--	--
	10/16/00	--	--	--	--	--	--	--	--	--	--	--
	4/10/01	--	--	--	--	--	--	--	--	--	--	--
	11/7-8/01	--	--	--	--	--	--	--	--	--	--	--
	4/16-17/02	--	--	--	--	--	--	--	--	--	--	--
	10/30-31/02	--	--	--	--	--	--	--	--	--	--	--
	4/21-24/03	--	--	--	--	--	--	--	--	--	--	--
	10/14-16/03	--	--	--	--	--	--	--	--	--	--	--
	4/20-21/04	--	--	--	--	--	--	--	--	--	--	--
	10/18-20/04	--	--	--	--	--	--	--	--	--	--	--
	4/26-27/05	--	--	--	--	--	--	--	--	--	--	--
	11/2-4/05	--	--	--	--	--	--	--	--	--	--	--
	1/19/06	--	--	--	--	--	--	--	--	--	--	--
	5/30-7/5/06	0.000429 U	0.000429 U	0.000429 U	0.000429 U	0.000429 U	0.000429 U	0.168	--	--	--	--
	10/23-11/9/06	0.0586	0.0025 UJ	0.0025 U	0.0025 U	0.0025 UJ	0.0025 U	0.183 J	--	--	--	--
	1/4/07	--	--	--	--	--	--	--	--	--	--	--
	3/5-8/07	0.003 U	0.003 U	0.003 U	0.033 J	0.003 U	0.003 U	0.12 J	--	--	--	--
	11/5-9/07	0.003 U	0.003 U	0.003 U	0.027	0.003 U	0.003 U	0.25 X	--	--	--	--
	1/22/08	--	--	--	--	--	--	0.13	--	--	--	--
	4/1-3/08	0.006 J	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.19 J	--	--	--	--
	10/27-30/08	0.003 U	0.003 U	0.003 U	0.026	0.003 U	0.003 U	0.09	--	--	--	--
	3/16-19/09	0.003 U	0.003 U	0.003 U	0.026	0.003 U	0.003 U	0.072	--	--	--	--
	9/14-17/09	0.003 U	0.003 U	0.003 U	0.022	0.003 U	0.003 U	0.13	--	--	--	--
	3/29-4/1/10	0.003 U	0.003 U	0.003 U	0.01 J	0.003 U	0.003 U	0.1	--	--	--	--
	10/5-7/10	0.003 U	0.003 U	0.003 U	0.006 J	0.003 U	0.003 U	0.069	--	--	--	--
	3/22-24/11	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.038	--	--	--	--
	9/27-29/11	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.063 J	--	--	--	--
	3/20-22/12	0.001 U	0.001 U	0.001 U	0.0058	0.001 U	0.001 U	0.041	0.001 U	0.001 U	0.001 U	0.001 U
	9/25-27/12	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.052	0.001 U	0.001 U	0.001 U	0.001 U
	3/25-28/13	0.001 U	0.001 U	0.001 U	0.0018 J	0.001 U	0.001 U	0.048 J	0.001 U	0.001 U	0.001 U	0.001 U
	9/24-26/13	0.001 U	0.001 U	0.001 U	0.002 J	0.001 U	0.001 U	0.023	0.001 U	0.001 U	0.001 U	0.001 U

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Union Carbide Corporation,
Woodbine, Camden County, Georgia



Constituent GWPS	Sample Dates	MW-40	MW-43	MW-44	MW-45	MW-46	MW-47	MW-48	MW-49	MW-50	MW-51	MW-52
		non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC
		Deep	Deep	Shallow	Shallow	Deep	Shallow	Deep	Deep	Deep	Deep	Deep
Methyl Ethyl Ketone (continued) 6.549	3/25-27/14	0.001 U	0.001 U	0.001 U	0.0041 J	0.001 U	0.001 U	0.018	0.001 U	0.001 U	0.001 U	0.001 U
	9/23-26/14	0.001 U	0.001 U	0.001 U	0.0043 J	0.001 U	0.001 U	0.013	0.001 U	0.001 U	0.001 U	0.001 U
	3/24-26/15	0.001 UJ	0.001 UJ	0.001 UJ	0.005 J	0.001 UJ	0.001 UJ	0.01 J	0.001 U	0.001 U	0.001 U	0.001 UJ
	9/22-24/15	0.001 U	0.001 U	0.001 U	0.0024 J	0.001 U	0.001 U	0.0078 J	0.001 U	0.001 U	0.001 U	0.001 U
	3/22-24/16	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.006 J	0.001 U	0.001 U	0.001 U	0.001 U
	9/27-29/16	0.001 U	0.001 U	0.001 U	0.002 J	0.001 U	0.001 U	0.002 U	0.001 U	0.001 U	0.001 U	0.001 U
	3/28-30/17	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
	9/26-28/17	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0018 J	0.001 U	0.001 U	0.001 U	0.001 U
	3/20-22/18	0.001 U	0.001 U	0.002 U	0.002 U	0.001 U	0.001 U	0.002 U	0.001 U	0.001 U	0.001 U	0.001 U
	9/25-27/18	0.0007 U	0.0007 U	0.0007 U	0.023	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U
	3/19-21/19	0.0007 U	0.0007 U	0.0007 U	0.018 J	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U
	9/10-12/19	0.0007 U	0.0007 U	0.0007 U	0.022	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.0007 UJ	0.0007 U
	6/9-11/20	0.00060 U	0.00060 U	0.00060 U	0.0043 J	0.00060 U	0.00060 U	0.00060 U	0.00060 U	0.00060 U	0.00060 U	0.00060 U
	11/2-5/20	0.00060 U	0.00060 U	0.00060 U	0.022	0.00060 U	0.00060 U	0.00060 U	0.00060 U	0.00060 U	0.00060 U	0.00060 U
	3/23-25/21	0.00060 U	0.00060 U	0.0012 U	0.016	0.00060 U	0.00060 U	0.0012 U	0.00060 U	0.00060 U	0.00060 U	0.00060 U
	9/21-23/21	0.00060 U	0.00060 U	0.00060 U	0.0069	0.00060 U	0.00060 U	0.00060 U	0.00060 U	0.00060 U	0.00060 U	0.00060 U
	3/22-24/22	0.00060 U	0.00060 U	0.00060 U	0.0054	0.00060 U	0.00060 U	0.00060 U	0.00060 U	0.00060 U	0.00060 U	0.00060 U
	9/26-28/22	0.0010 U	0.0010 U	0.0010 U	0.0053	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U
Carbon Disulfide 0.559	11/24/97	--	--	--	--	--	--	--	--	--	--	--
	3/26/98	--	--	--	--	--	--	--	--	--	--	--
	5/28/98	--	--	--	--	--	--	--	--	--	--	--
	9/16/98	--	--	--	--	--	--	--	--	--	--	--
	11/19/98	--	--	--	--	--	--	--	--	--	--	--
	2/8/99	--	--	--	--	--	--	--	--	--	--	--
	5/11/99	--	--	--	--	--	--	--	--	--	--	--
	11/8-9/99	--	--	--	--	--	--	--	--	--	--	--
	4/18-19/00	--	--	--	--	--	--	--	--	--	--	--
	10/16/00	--	--	--	--	--	--	--	--	--	--	--
	4/10/01	--	--	--	--	--	--	--	--	--	--	--
	11/7-8/01	--	--	--	--	--	--	--	--	--	--	--
	4/16-17/02	--	--	--	--	--	--	--	--	--	--	--
	10/30-31/02	--	--	--	--	--	--	--	--	--	--	--
	4/21-24/03	--	--	--	--	--	--	--	--	--	--	--
	10/14-16/03	--	--	--	--	--	--	--	--	--	--	--
	4/20-21/04	--	--	--	--	--	--	--	--	--	--	--
	10/18-20/04	--	--	--	--	--	--	--	--	--	--	--
	4/26-27/05	--	--	--	--	--	--	--	--	--	--	--
	11/2-4/05	--	--	--	--	--	--	--	--	--	--	--
	5/30-7/5/06	0.000098 U	0.000098 U	0.000098 U	0.000098 U	0.000098 U	0.000098 U	0.00098 U	--	--	--	--
	10/23-11/9/06	0.00205 J	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.00613	--	--	--	--
	1/4/07	--	--	--	--	--	--	--	--	--	--	--
	3/5-8/07	0.001 U	0.001 U	0.001 U	0.002 J	0.001 U	0.001 U	0.005	--	--	--	--
	11/5-9/07	0.001 U	0.001 U	0.001 U	0.002 J	0.001 U	0.001 U	0.01 UX	--	--	--	--
	1/22/08	--	--	--	--	--	--	0.005	--	--	--	--
	4/1-3/08	0.001 J	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.012	--	--	--	--
	10/27-30/08	0.001 U	0.001 U	0.001 U	0.003 J	0.001 U	0.001 U	0.005 J	--	--	--	--
	3/16-19/09	0.001 U	0.001 U	0.001 U	0.002 J	0.001 U	0.001 U	0.005	--	--	--	--
	9/14-17/09	0.001 U	0.001 U	0.001 U	0.003 J	0.001 U	0.001 U	0.014	--	--	--	--
	3/29-4/1/10	0.002 J	0.001 U	0.001 U	0.002 J	0.001 U	0.001 U	0.013	--	--	--	--
	10/5-7/10	0.001 U	0.001 U	0.001 U	0.001 J	0.001 U	0.001 U	0.01	--	--	--	--

Table 4. Current and Historical Analytical Results
Union Carbide Corporation,
Woodbine, Camden County, Georgia



Constituent GWPS	Sample Dates	MW-40	MW-43	MW-44	MW-45	MW-46	MW-47	MW-48	MW-49	MW-50	MW-51	MW-52
		non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC
		Deep	Deep	Shallow	Shallow	Deep	Shallow	Deep	Deep	Deep	Deep	Deep
Carbon Disulfide (continued) 0.559	3/22-24/11	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.003 J	--	--	--	--
	9/27-29/11	0.001 U	0.001 U	0.001 U	0.001 J	0.001 U	0.001 U	0.01 U	--	--	--	--
	3/20-22/12	0.0004 U	0.0005	0.0004 U	0.0022	0.0004 U	0.0004 U	0.0084	0.0004 U	0.0004 U	0.0004 U	0.0004 U
	9/25-27/12	0.0004 U	0.0004 U	0.0004 U	0.0014	0.0004 U	0.0004 U	0.0071	0.0004 U	0.0004 U	0.0004 U	0.0004 U
	3/25-28/13	0.0006	0.0004 U	0.0032	0.0014	0.0006	0.0004 U	0.0085 J	0.0004 U	0.0004 U	0.0004 U	0.0004 U
	9/24-26/13	0.0006 U	0.0004 U	0.0004 U	0.0013 U	0.0004 U	0.0004 U	0.0056	0.0004 U	0.0004 U	0.0008	0.0006 U
	3/25-27/14	0.0004 U	0.0004 U	0.0005	0.0009	0.0005 J	0.0004 U	0.0062	0.0004 U	0.0005 J	0.0009 U	0.0004 U
	9/23-26/14	0.0004 U	0.0004 U	0.0004 U	0.0007	0.0007	0.0004 U	0.0045	0.0025	0.0004 U	0.0013	0.0004 UJ
	3/24-26/15	0.0004 U	0.0004 U	0.0004 U	0.0006 J	0.0004 U	0.0004 U	0.004	0.0004 U	0.0004 U	0.0008 J	0.0004 U
	9/22-24/15	0.0004 U	0.0004 J	0.0004 U	0.0007 J	0.0005 J	0.0004 U	0.0029	0.0004 U	0.0004 U	0.0007 J	0.0004 U
	3/22-24/16	0.0004 U	0.0004 U	0.0004 U	0.0005 J	0.0004 U	0.0015	0.0058	0.0004 U	0.0004 U	0.0004 U	0.0011
	9/27-29/16	0.0004 U	0.0004 U	0.0004 U	0.0009 J	0.0005 J	0.0004 U	0.0032	0.0006 J	0.0004 J	0.0014	0.0004 U
	3/28-30/17	0.0004 U	0.0004 U	0.0004 U	0.001 J	0.0004 J	0.0004 U	0.0026	0.0004 U	0.0004 J	0.0006 J	0.0004 U
	9/26-28/17	0.001 U	0.0013 U	0.0011 U	0.001 U	0.0004 U	0.001 U	0.0036	0.0004 U	0.0004 U	0.0007 J	0.001 U
	3/20-22/18	0.0004 U	0.0004 U	0.0008 U	0.0008 U	0.0004 U	0.0004 U	0.0034	0.0006 J	0.0007 J	0.0004 U	0.0004 U
	9/25-27/18	0.0003 J	0.00009 U	0.00009 U	0.0024	0.00009 U	0.00009 U	0.0033	0.0001 J	0.0002 J	0.00009 U	0.0003 J
	3/19-21/19	0.0003 J	0.0002 J	0.0002 J	0.0018	0.00009 U	0.0002 J	0.0015	0.0002 J	0.00009 U	0.0005 J	0.0003 J
	9/10-12/19	0.0005 J	0.001 UB	0.001 UB	0.001	0.001 UB	0.001 UB	0.0019 UB	0.001 J	0.0005 J	0.001 UB	0.001 UB
	6/9-11/20	0.00012 J	0.000060 J	0.000065 J	0.0013	0.000060 U	0.000060 U	0.00024 J	0.000088 J	0.000060 U	0.00022 J	0.000075 J
	11/2-5/20	0.000060 U	0.000060 U	0.000060 U	0.00085 J	0.000060 U	0.000060 U	0.00046 J	0.0010 UB	0.000060 U	0.000060 U	0.0010 UB
	3/23-25/21	0.0010 UB	0.0010 UB	0.00028 J	0.0013 J	0.0010 UB	0.00011 J	0.00056 J	0.0010 UB	0.0010 UB	0.000060 U	0.0010 UB
	9/21-23/21	0.0010 UB	0.0010 UB	0.0010 UB	0.0012	0.000060 U	0.0010 UB	0.0010 UB	0.000074 J	0.000099 J	0.000060 U	0.0010 UB
	3/22-24/22	0.0010 UB	0.0010 UB	0.0010 UB	0.0010 UB	0.0010 UB	0.0010 UB	0.0010 UB	0.0010 UB	0.0010 UB	0.0010 UB	0.0010 UB
	9/26-28/22	0.00053 J	0.00014 J	0.00012 J	0.00094 J	0.00074 J	0.0010	0.00038 J	0.00010 U	0.00010 U	0.00010 U	0.00011 J
Ethylbenzene 0.70	11/24/97	--	--	--	--	--	--	--	--	--	--	--
	3/26/98	--	--	--	--	--	--	--	--	--	--	--
	5/28/98	--	--	--	--	--	--	--	--	--	--	--
	9/16/98	--	--	--	--	--	--	--	--	--	--	--
	11/19/98	--	--	--	--	--	--	--	--	--	--	--
	2/8/99	--	--	--	--	--	--	--	--	--	--	--
	5/11/99	--	--	--	--	--	--	--	--	--	--	--
	11/8-9/99	--	--	--	--	--	--	--	--	--	--	--
	4/18-19/00	--	--	--	--	--	--	--	--	--	--	--
	10/16/2000	--	--	--	--	--	--	--	--	--	--	--
	4/10/01	--	--	--	--	--	--	--	--	--	--	--
	11/7-8/01	--	--	--	--	--	--	--	--	--	--	--
	4/16-17/02	--	--	--	--	--	--	--	--	--	--	--
	10/30-31/02	--	--	--	--	--	--	--	--	--	--	--
	4/21-24/03	--	--	--	--	--	--	--	--	--	--	--
	10/14-16/03	--	--	--	--	--	--	--	--	--	--	--
	4/20-21/04	--	--	--	--	--	--	--	--	--	--	--
	10/18-20/04	--	--	--	--	--	--	--	--	--	--	--
	4/26-27/05	--	--	--	--	--	--	--	--	--	--	--
	11/2-4/05	--	--	--	--	--	--	--	--	--	--	--
	5/30-7/5/06	0.000227 U	0.000227 U	0.000227 U	0.000227 U	0.000227 U	0.000227 U	0.00227 U	--	--	--	--
	10/23-11/9/06	0.0027 J	0.00025 U	0.00025 U	0.00025 U	0.00025 U	0.000293 J	0.0018 J	--	--	--	--
	1/4/07	--	--	--	--	--	--	--	--	--	--	--
	3/5-8/07	0.0008 U	0.0008 U	0.0008 U	0.002 J	0.0008 U	0.0008 U	0.0008 U	--	--	--	--
	11/5-9/07	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.043 JX	--	--	--	--
	1/22/08	--	--	--	--	--	--	0.0008 J	--	--	--	--

Table 4. Current and Historical Analytical Results
Union Carbide Corporation,
Woodbine, Camden County, Georgia



Constituent GWPS	Sample Dates	MW-40	MW-43	MW-44	MW-45	MW-46	MW-47	MW-48	MW-49	MW-50	MW-51	MW-52
		non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC
		Deep	Deep	Shallow	Shallow	Deep	Shallow	Deep	Deep	Deep	Deep	Deep
Ethylbenzene (continued) 0.70	4/1-3/08	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.001 J	--	--	--	--
	10/27-30/08	0.0008 U	0.0008 U	0.0008 U	0.002 J	0.0008 U	0.0008 U	0.004 J	--	--	--	--
	3/16-19/09	0.0008 U	0.0008 U	0.0008 U	0.002 J	0.0008 U	0.0008 U	0.004 J	--	--	--	--
	9/14-17/09	0.0008 U	0.0008 U	0.0008 U	0.002 J	0.0008 U	0.0008 U	0.006	--	--	--	--
	3/29-4/1/10	0.0008 U	0.0008 U	0.0008 U	0.002 J	0.0008 U	0.0008 U	0.006	--	--	--	--
	10/5-7/10	0.0008 U	0.0008 U	0.0008 U	0.001 J	0.0008 U	0.0008 U	0.005 J	--	--	--	--
	3/22-24/11	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.005 J	--	--	--	--
	9/27-29/11	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.008 U	--	--	--	--
	3/20-22/12	0.0001 U	0.0001 U	0.0001 U	0.0003 J	0.0001 U	0.0001 U	0.0014	0.0001 U	0.0001 U	0.0001 U	0.0001 U
	9/25-27/12	0.0001 U	0.0001 U	0.0001 U	0.0002 J	0.0001 U	0.0001 U	0.0014	0.0001 U	0.0001 U	0.0001 U	0.0001 U
	3/25-28/13	0.0001 U	0.0001 U	0.0001 U	0.0003 J	0.0001 U	0.0001 U	0.0016 J	0.0001 U	0.0001 U	0.0001 U	0.0001 U
	9/24-26/13	0.0001 U	0.0001 U	0.0001 U	0.0002 J	0.0001 U	0.0001 U	0.0014	0.0001 U	0.0001 U	0.0001 U	0.0001 U
	3/25-27/14	0.0001 U	0.0001 U	0.0001 U	0.0002 J	0.0001 U	0.0001 U	0.0015	0.0001 U	0.0001 U	0.0001 U	0.0001 U
	9/23-26/14	0.0001 U	0.0001 U	0.0001 U	0.0002 J	0.0001 U	0.0001 U	0.0015	0.0001 U	0.0001 U	0.0001 U	0.0001 U
	3/24-26/15	0.0001 U	0.0001 U	0.0001 U	0.0005	0.0001 U	0.0001 U	0.0012	0.0001 U	0.0001 U	0.0001 U	0.0001 U
	9/22-24/15	0.0001 U	0.0001 U	0.0001 U	0.0003 J	0.0001 U	0.0001 U	0.0011	0.0001 U	0.0001 U	0.0001 U	0.0001 U
	3/22-24/16	0.0001 U	0.0001 U	0.0001 U	0.0001 J	0.0001 U	0.0001 U	0.0014	0.0001 U	0.0001 U	0.0001 U	0.0001 U
	9/27-29/16	0.0001 U	0.0001 U	0.0001 U	0.0003 J	0.0001 U	0.0001 U	0.0016	0.0001 U	0.0001 U	0.0001 U	0.0001 U
	3/28-30/17	0.0001 U	0.0001 U	0.0001 U	0.0003 J	0.0001 U	0.0001 U	0.0022	0.0001 U	0.0001 U	0.0001 U	0.0001 U
	9/26-28/17	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0021	0.0001 U	0.0001 U	0.0001 U	0.0001 U
	3/20-22/18	0.0001 U	0.0001 U	0.0002 U	0.0004 J	0.0001 U	0.0001 U	0.002	0.0001 U	0.0001 U	0.0001 U	0.0001 U
	9/25-27/18	0.00005 U	0.00005 U	0.00005 U	0.0034	0.00005 U	0.00005 U	0.0022	0.00005 U	0.00005 U	0.00005 U	0.00005 U
	3/19-21/19	0.00005 U	0.00005 U	0.00005 U	0.0025	0.00005 U	0.00005 U	0.0019	0.00005 U	0.00005 U	0.00005 U	0.00005 U
	9/10-12/19	0.00005 U	0.00005 U	0.00005 U	0.0014	0.00005 U	0.00005 U	0.0022	0.00005 U	0.00005 U	0.00005 U	0.00005 U
	6/9-11/20	0.000060 U	0.000060 U	0.000060 U	0.00028 J	0.000060 U	0.000060 U	0.0019	0.000060 U	0.000060 U	0.000060 U	0.000060 U
	11/2-5/20	0.000060 U	0.000060 U	0.000060 U	0.0012	0.000060 U	0.000060 U	0.0019	0.000060 U	0.000060 U	0.000060 U	0.000060 U
	3/23-25/21	0.000060 U	0.000060 U	0.00012 U	0.00090 J	0.000060 U	0.000060 U	0.0019	0.000060 U	0.000060 U	0.000060 U	0.000060 U
	9/21-23/21	0.000060 U	0.000060 U	0.000060 U	0.00084	0.000060 U	0.000060 U	0.0012	0.000060 U	0.000060 U	0.000060 U	0.000060 U
	3/22-24/22	0.000060 U	0.000060 U	0.000060 U	0.00061	0.000060 U	0.000060 U	0.0013	0.000060 U	0.000060 U	0.000060 U	0.000060 U
	9/26-28/22	0.000080 U	0.000080 U	0.000080 U	0.00088	0.000080 U	0.000080 U	0.0021	0.000080 U	0.000080 U	0.000080 U	0.000080 U
Methylacrylonitrile 0.0010	11/24/97	--	--	--	--	--	--	--	--	--	--	--
	3/26/98	--	--	--	--	--	--	--	--	--	--	--
	5/28/98	--	--	--	--	--	--	--	--	--	--	--
	9/16/98	--	--	--	--	--	--	--	--	--	--	--
	11/19/98	--	--	--	--	--	--	--	--	--	--	--
	2/8/99	--	--	--	--	--	--	--	--	--	--	--
	5/11/99	--	--	--	--	--	--	--	--	--	--	--
	11/8-9/99	--	--	--	--	--	--	--	--	--	--	--
	4/18-19/00	--	--	--	--	--	--	--	--	--	--	--
	10/16/00	--	--	--	--	--	--	--	--	--	--	--
	4/10/01	--	--	--	--	--	--	--	--	--	--	--
	11/7-8/01	--	--	--	--	--	--	--	--	--	--	--
	4/16-17/02	--	--	--	--	--	--	--	--	--	--	--
	10/30-31/02	--	--	--	--	--	--	--	--	--	--	--
	4/21-24/03	--	--	--	--	--	--	--	--	--	--	--
	10/14-16/03	--	--	--	--	--	--	--	--	--	--	--
	4/20-21/04	--	--	--	--	--	--	--	--	--	--	--
	10/18-20/04	--	--	--	--	--	--	--	--	--	--	--
	4/26-27/05	--	--	--	--	--	--	--	--	--	--	--
	11/2-4/05	--	--	--	--	--	--	--	--	--	--	--

Table 4. Current and Historical Analytical Results
Union Carbide Corporation,
Woodbine, Camden County, Georgia



Constituent GWPS	Sample Dates	MW-40	MW-43	MW-44	MW-45	MW-46	MW-47	MW-48	MW-49	MW-50	MW-51	MW-52
		non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC
		Deep	Deep	Shallow	Shallow	Deep	Shallow	Deep	Deep	Deep	Deep	Deep
Methylacrylonitrile (continued) 0.0010	5/30-7/5/06	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.05 U	--	--	--	--
	10/23-11/9/06	0.0025 UJ	0.0025 U	0.0025 U	0.0025 UJ	0.0025 U	0.0025 U	0.0025 U	--	--	--	--
	1/4/07	--	--	--	--	--	--	--	--	--	--	--
	3/5-8/07	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	--	--	--	--
	11/5-9/07	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.1 UX	--	--	--	--
	1/22/08	--	--	--	--	--	--	0.01 U	--	--	--	--
	4/1-3/08	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	--	--	--	--
	10/27-30/08	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	--	--	--	--
	3/16-19/09	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	--	--	--	--
	9/14-17/09	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	--	--	--	--
	3/29-4/1/10	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	--	--	--	--
	10/5-7/10	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	--	--	--	--
	3/22-24/11	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	--	--	--	--
	9/27-29/11	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.1 U	--	--	--	--
	3/20-22/12	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
	9/25-27/12	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0006 U	0.001 U	0.001 U	0.001 U	0.001 U
	3/25-28/13	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 UJ	0.0003 U	0.0003 U	0.0003 U	0.0003 U
	9/24-26/13	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U
	3/25-27/14	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U
	9/23-26/14	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U
	3/24-26/15	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0006 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U
	9/22-24/15	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0006 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U
	3/22-24/16	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0006 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U
	9/27-29/16	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0006 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U
	3/28-30/17	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U
	9/26-28/17	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U
	3/20-22/18	0.0003 U	0.0003 U	0.0006 U	0.0006 U	0.0003 U	0.0003 U	0.0006 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U
	9/25-27/18	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U
	3/19-21/19	0.0003 U	0.0003 U	0.0003 U	0.0003 UJ	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U
	9/10-12/19	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U
	6/9-11/20	0.00030 U	0.00030 U	0.00030 U	0.00030 U	0.00030 U	0.00030 U	0.00030 U	0.00030 U	0.00030 U	0.00030 U	0.00030 U
	11/2-5/20	0.00030 U	0.00030 U	0.00030 U	0.00030 U	0.00030 U	0.00030 U	0.00030 U	0.00030 U	0.00030 U	0.00030 U	0.00030 U
	3/23-25/21	0.00030 U	0.00030 U	0.00060 U	0.00060 U	0.00030 U	0.00030 U	0.00060 U	0.00030 U	0.00030 U	0.00030 U	0.00030 U
	9/21-23/21	0.00030 U	0.00030 U	0.00030 U	0.00030 U	0.00030 U	0.00030 U	0.00030 U	0.00030 U	0.00030 U	0.00030 U	0.00030 U
	3/22-24/22	0.00030 U	0.00030 U	0.00030 U	0.00030 U	0.00030 U	0.00030 U	0.00030 U	0.00030 U	0.00030 U	0.00030 U	0.00030 U
	9/26-28/22	0.00030 U	0.00030 U	0.00030 U	0.00030 U	0.00030 U	0.00030 U	0.00030 U	0.00030 U	0.00030 U	0.00030 U	0.00030 U
Methylene Chloride 0.0050	11/24/97	--	--	--	--	--	--	--	--	--	--	--
	3/26/98	--	--	--	--	--	--	--	--	--	--	--
	5/28/98	--	--	--	--	--	--	--	--	--	--	--
	9/16/98	--	--	--	--	--	--	--	--	--	--	--
	11/19/98	--	--	--	--	--	--	--	--	--	--	--
	2/8/99	--	--	--	--	--	--	--	--	--	--	--
	5/11/99	--	--	--	--	--	--	--	--	--	--	--
	11/8-9/99	--	--	--	--	--	--	--	--	--	--	--
	4/18-19/00	--	--	--	--	--	--	--	--	--	--	--
	10/16/00	--	--	--	--	--	--	--	--	--	--	--
	4/10/01	--	--	--	--	--	--	--	--	--	--	--
	11/7-8/01	--	--	--	--	--	--	--	--	--	--	--
	4/16-17/02	--	--	--	--	--	--	--	--	--	--	--
	10/30-31/02	--	--	--	--	--	--	--	--	--	--	--

Table 4. Current and Historical Analytical Results
Union Carbide Corporation,
Woodbine, Camden County, Georgia



Constituent GWPS	Sample Dates	MW-40	MW-43	MW-44	MW-45	MW-46	MW-47	MW-48	MW-49	MW-50	MW-51	MW-52
		non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC
		Deep	Deep	Shallow	Shallow	Deep	Shallow	Deep	Deep	Deep	Deep	Deep
Methylene Chloride (continued) 0.0050	4/21-24/03	--	--	--	--	--	--	--	--	--	--	--
	10/14-16/03	--	--	--	--	--	--	--	--	--	--	--
	4/20-21/04	--	--	--	--	--	--	--	--	--	--	--
	10/18-20/04	--	--	--	--	--	--	--	--	--	--	--
	4/26-27/05	--	--	--	--	--	--	--	--	--	--	--
	11/2-4/05	--	--	--	--	--	--	--	--	--	--	--
	5/30-7/5/06	0.000445 U	0.000445 U	0.000445 U	0.000445 U	0.000445 U	0.000445 U	0.0477	--	--	--	--
	10/23-11/9/06	0.00025 U	0.00025 U	0.00025 U	0.00025 U	0.00025 U	0.00025 U	0.0225	--	--	--	--
	1/4/07	--	--	--	--	--	--	--	--	--	--	--
	3/5-8/07	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.02	--	--	--	--
	11/5-9/07	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.027 JX	--	--	--	--
	1/22/08	--	--	--	--	--	--	0.018	--	--	--	--
	4/1-3/08	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.02	--	--	--	--
	10/27-30/08	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.012	--	--	--	--
	3/16-19/09	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.01	--	--	--	--
	9/14-17/09	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.01	--	--	--	--
	3/29-4/1/10	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.005	--	--	--	--
	10/5-7/10	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	--	--	--	--
	3/22-24/11	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	--	--	--	--
	9/27-29/11	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.02 U	--	--	--	--
	3/20-22/12	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0026	0.0002 U	0.0002 U	0.0002 U	0.0002 U
	9/25-27/12	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0015	0.0002 U	0.0002 U	0.0002 U	0.0002 U
	3/25-28/13	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0016 J	0.0002 U	0.0002 U	0.0002 U	0.0002 U
	9/24-26/13	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0013 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
	3/25-27/14	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0011	0.0002 U	0.0002 U	0.0002 U	0.0002 U
	9/23-26/14	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0009 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
	3/24-26/15	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0005 J	0.0002 U	0.0002 U	0.0002 U	0.0002 U
	9/22-24/15	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0004 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
	3/22-24/16	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0004 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
	9/27-29/16	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0004 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
	3/28-30/17	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
	9/26-28/17	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
	3/20-22/18	0.0002 U	0.0002 U	0.0004 U	0.0004 U	0.0002 U	0.0002 U	0.0004 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
	9/25-27/18	0.00006 U	0.00006 U	0.00006 U	0.00006 U	0.00006 U	0.00006 U	0.0001 J	0.00006 U	0.00006 U	0.00006 U	0.00006 U
	3/19-21/19	0.00006 U	0.00006 U	0.00006 U	0.00006 U	0.00006 U	0.00006 U	0.0005 UB	0.00006 U	0.00006 U	0.00006 U	0.00006 U
	9/10-12/19	0.00006 U	0.00006 U	0.00006 U	0.00006 U	0.00006 U	0.00006 U	0.0005 UB	0.00006 U	0.00006 U	0.00006 U	0.00006 U
	6/9-11/20	0.000070 U	0.000070 U	0.000070 U	0.000070 U	0.000070 U	0.000070 U	0.000070 U	0.000070 U	0.000070 U	0.000070 U	0.000070 U
	11/2-5/20	0.000070 U	0.000070 U	0.000070 U	0.000070 U	0.000070 U	0.000070 U	0.000070 U	0.000070 U	0.000070 U	0.000070 U	0.000070 U
	3/23-25/21	0.000070 U	0.000070 U	0.00014 U	0.00014 U	0.000070 U	0.000070 U	0.00014 U	0.000070 U	0.000070 U	0.000070 U	0.000070 U
	9/21-23/21	0.000070 U	0.000070 U	0.000070 U	0.000070 U	0.000070 U	0.000070 U	0.000070 U	0.000070 U	0.000070 U	0.000070 U	0.000070 U
	3/22-24/22	0.000070 U	0.000070 U	0.000070 U	0.000070 U	0.000070 U	0.000070 U	0.000070 U	0.000070 U	0.000070 U	0.000070 U	0.000070 U
	9/26-28/22	0.00010 U	0.00010 U	0.00010 U	0.00010 U	0.00010 U	0.00010 U	0.00010 U	0.00010 U	0.00010 U	0.00010 U	0.00010 U
Toluene 1.0	11/24/97	--	--	--	--	--	--	--	--	--	--	--
	3/26/98	--	--	--	--	--	--	--	--	--	--	--
	5/28/98	--	--	--	--	--	--	--	--	--	--	--
	9/16/98	--	--	--	--	--	--	--	--	--	--	--
	11/19/98	--	--	--	--	--	--	--	--	--	--	--
	2/8/99	--	--	--	--	--	--	--	--	--	--	--
	5/11/99	--	--	--	--	--	--	--	--	--	--	--
	11/8-9/99	--	--	--	--	--	--	--	--	--	--	--

Table 4. Current and Historical Analytical Results
Union Carbide Corporation,
Woodbine, Camden County, Georgia



Constituent GWPS	Sample Dates	MW-40	MW-43	MW-44	MW-45	MW-46	MW-47	MW-48	MW-49	MW-50	MW-51	MW-52
		non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC
		Deep	Deep	Shallow	Shallow	Deep	Shallow	Deep	Deep	Deep	Deep	Deep
Toluene (continued) 1.0	4/18-19/00	--	--	--	--	--	--	--	--	--	--	--
	10/16/00	--	--	--	--	--	--	--	--	--	--	--
	4/10/01	--	--	--	--	--	--	--	--	--	--	--
	11/7-8/01	--	--	--	--	--	--	--	--	--	--	--
	4/16-17/02	--	--	--	--	--	--	--	--	--	--	--
	10/30-31/02	--	--	--	--	--	--	--	--	--	--	--
	4/21-24/03	--	--	--	--	--	--	--	--	--	--	--
	10/14-16/03	--	--	--	--	--	--	--	--	--	--	--
	4/20-21/04	--	--	--	--	--	--	--	--	--	--	--
	10/18-20/04	--	--	--	--	--	--	--	--	--	--	--
	4/26-27/05	--	--	--	--	--	--	--	--	--	--	--
	11/2-4/05	--	--	--	--	--	--	--	--	--	--	--
	5/30-6/2/06	0.000213 U	0.000213 U	0.000213 U	0.000213 U	0.000213 U	0.000213 U	0.0231	--	--	--	--
	10/23-11/9/06	0.00109 J	0.00025 U	0.00025 U	0.000388 J	0.00025 U	0.00025 U	0.0147	--	--	--	--
	1/4/07	--	--	--	--	--	--	--	--	--	--	--
	03/5-8/07	0.0007 U	0.0007 U	0.0007 U	0.001 J	0.0007 U	0.0007 U	0.011	--	--	--	--
	11/5-9/07	0.0007 U	0.0007 U	0.0007 U	0.0007 J	0.0007 U	0.0007 U	0.017 JX	--	--	--	--
	1/22/08	--	--	--	--	--	--	0.012	--	--	--	--
	4/1-3/08	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.017	--	--	--	--
	10/27-30/08	0.0007 U	0.0007 U	0.0007 U	0.001 J	0.0007 U	0.0007 U	0.011	--	--	--	--
	3/16-19/09	0.0007 U	0.0007 U	0.0007 U	0.0008 J	0.0007 U	0.0007 U	0.011	--	--	--	--
	9/14-17/09	0.0007 U	0.0007 U	0.0007 U	0.001 J	0.0007 U	0.0007 U	0.015	--	--	--	--
	3/29-4/1/10	0.0007 U	0.0007 U	0.0007 U	0.001 J	0.0007 U	0.0007 U	0.016	--	--	--	--
	10/5-7/10	0.0007 UJ	0.0007 U	0.0007 UJ	0.001 J	0.0007 UJ	0.0007 U	0.013	--	--	--	--
	3/22-24/11	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.007	--	--	--	--
	9/27-29/11	0.0007 U	0.0007 U	0.0007 U	0.0009 J	0.0007 U	0.0007 U	0.011 J	--	--	--	--
	3/20-22/12	0.0002 J	0.0001 U	0.0001 U	0.0012	0.0001 U	0.0001 U	0.007	0.0001 U	0.0001 U	0.0001 U	0.0001 U
	9/25-27/12	0.0002 J	0.0001 U	0.0001 U	0.0008	0.0001 U	0.0001 U	0.0055	0.0001 U	0.0001 U	0.0001 U	0.0001 U
	3/25-28/13	0.0003 J	0.0001 U	0.0001 U	0.0011	0.0001 U	0.0001 U	0.0063 J	0.0001 U	0.0001 U	0.0001 U	0.0001 U
	9/24-26/13	0.0002 J	0.0001 U	0.0001 U	0.0008	0.0001 U	0.0001 U	0.0051	0.0001 U	0.0001 U	0.0001 U	0.0001 U
	3/25-27/14	0.0002 J	0.0001 U	0.0001 U	0.0008	0.0001 U	0.0001 U	0.0052	0.0001 U	0.0001 U	0.0003 J	0.0001 U
	9/23-26/14	0.0002 J	0.0001 U	0.0001 U	0.0007	0.0001 U	0.0001 U	0.0045	0.0001 U	0.0001 U	0.0001 U	0.0001 UJ
	3/24-26/15	0.0002 J	0.0001 U	0.0001 U	0.0012	0.0001 U	0.0001 U	0.0034	0.0001 U	0.0001 U	0.0001 U	0.0001 U
	9/22-24/15	0.0001 U	0.0001 U	0.0001 U	0.001	0.0001 U	0.0001 U	0.0032	0.0001 U	0.0001 U	0.0001 U	0.0001 U
	3/22-24/16	0.0001 U	0.0001 U	0.0001 U	0.0005	0.0001 U	0.0001 U	0.0031	0.0001 U	0.0001 U	0.0001 U	0.0001 U
	9/27-29/16	0.0001 U	0.0001 U	0.0001 U	0.0015	0.0001 U	0.0001 U	0.0034	0.0001 U	0.0001 U	0.0001 U	0.0001 U
	3/28-30/17	0.0001 U	0.0001 U	0.0001 U	0.0009	0.0001 U	0.0001 U	0.0038	0.0001 U	0.0001 U	0.0001 U	0.0001 U
	9/26-28/17	0.0001 U	0.0001 U	0.0001 U	0.0003 J	0.0001 U	0.0001 U	0.0033	0.0001 U	0.0001 U	0.0001 U	0.0001 U
	3/20-22/18	0.0001 U	0.0001 U	0.0002 U	0.001	0.0001 U	0.0001 U	0.0028	0.0001 U	0.0001 U	0.0001 U	0.0001 U
	9/25-27/18	0.0001 J	0.00005 U	0.00005 U	0.0036	0.00005 U	0.00005 U	0.0029	0.00005 U	0.00005 U	0.00005 U	0.00005 U
	3/19-21/19	0.00005 U	0.00005 U	0.00005 U	0.0024	0.00005 U	0.00005 U	0.0024	0.00005 U	0.00005 U	0.00005 U	0.00005 U
	9/10-12/19	0.00005 U	0.00005 U	0.00005 U	0.0052	0.00005 U	0.00005 U	0.0028	0.00005 U	0.00005 U	0.00005 U	0.00005 U
	6/9-11/20	0.000070 U	0.000070 U	0.00050 UB	0.0011	0.00050 UB	0.000070 U	0.0019	0.000070 U	0.000070 U	0.000070 U	0.00050 UB
	11/2-5/20	0.000070 U	0.000070 U	0.000070 U	0.0048	0.000070 U	0.000070 U	0.0020	0.000070 U	0.000070 U	0.000070 U	0.000070 U
	3/23-25/21	0.000070 U	0.000070 U	0.00014 U	0.0044	0.000070 U	0.000070 U	0.0019	0.000070 U	0.000070 U	0.000070 U	0.000070 U
	9/21-23/21	0.000070 U	0.000070 U	0.000070 U	0.0046	0.000070 U	0.000070 U	0.0012	0.000070 U	0.000070 U	0.000070 U	0.000087 J
	3/22-24/22	0.000077 J	0.000070 U	0.000070 U	0.0036	0.00015 J	0.000070 U	0.0013	0.00015 J	0.00016 J	0.000070 U	0.000070 U
	9/26-28/22	0.000080 U	0.000080 U	0.000080 U	0.0042	0.000080 U	0.000080 U	0.0017	0.000080 U	0.000080 U	0.000080 U	0.000080 U
Xylenes 10	9/23/97	--	--	--	--	--	--	--	--	--	--	--
	11/24/97	--	--	--	--	--	--	--	--	--	--	--

Table 4. Current and Historical Analytical Results
Union Carbide Corporation,
Woodbine, Camden County, Georgia



Constituent GWPS	Sample Dates	MW-40	MW-43	MW-44	MW-45	MW-46	MW-47	MW-48	MW-49	MW-50	MW-51	MW-52
		non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC
		Deep	Deep	Shallow	Shallow	Deep	Shallow	Deep	Deep	Deep	Deep	Deep
Xylenes (continued) 10	3/26/98	--	--	--	--	--	--	--	--	--	--	--
	5/28/98	--	--	--	--	--	--	--	--	--	--	--
	11/19/98	--	--	--	--	--	--	--	--	--	--	--
	2/8/99	--	--	--	--	--	--	--	--	--	--	--
	5/11/99	--	--	--	--	--	--	--	--	--	--	--
	11/8-9/99	--	--	--	--	--	--	--	--	--	--	--
	4/18-19/00	--	--	--	--	--	--	--	--	--	--	--
	10/16/00	--	--	--	--	--	--	--	--	--	--	--
	4/10/01	--	--	--	--	--	--	--	--	--	--	--
	11/7-8/01	--	--	--	--	--	--	--	--	--	--	--
	4/16-17/02	--	--	--	--	--	--	--	--	--	--	--
	10/30-31/02	--	--	--	--	--	--	--	--	--	--	--
	4/21-24/03	--	--	--	--	--	--	--	--	--	--	--
	10/14-16/03	--	--	--	--	--	--	--	--	--	--	--
	4/20-21/04	--	--	--	--	--	--	--	--	--	--	--
	10/18-20/04	--	--	--	--	--	--	--	--	--	--	--
	4/26-27/05	--	--	--	--	--	--	--	--	--	--	--
	11/2-4/05	--	--	--	--	--	--	--	--	--	--	--
	5/30-6/2/06	0.000509 U	0.000509 U	0.000509 U	0.000509 U	0.000509 U	0.000509 U	0.0476	--	--	--	--
	10/23-11/9/06	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.00243 J	0.0119	--	--	--	--
	1/4/07	--	--	--	--	--	--	--	--	--	--	--
	03/5-8/07	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.001 J	0.008	--	--	--	--
	11/5-9/07	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.001 J	0.017 JX	--	--	--	--
	1/22/08	--	--	--	--	--	--	0.012	--	--	--	--
	4/1-3/08	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.02	--	--	--	--
	10/27-30/08	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.011	--	--	--	--
	3/16-19/09	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.012	--	--	--	--
	9/14-17/09	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.026	--	--	--	--
	3/29-4/1/10	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.033	--	--	--	--
	10/5-7/10	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.028	--	--	--	--
	3/22-24/11	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.011	--	--	--	--
	9/27-29/11	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.02 J	--	--	--	--
	3/20-22/12	0.0001 J	0.0001 U	0.0001 U	0.0002 J	0.0001 U	0.0001 U	0.025	0.0001 U	0.0001 U	0.0001 U	0.0001 U
	9/25-27/12	0.0001 J	0.0001 U	0.0001 U	0.0001 J	0.0001 U	0.0001 U	0.019	0.0001 U	0.0001 U	0.0001 U	0.0001 U
	3/25-28/13	0.0003 J	0.0001 U	0.0001 U	0.0004 J	0.0001 U	0.0001 U	0.024 J	0.0001 U	0.0001 U	0.0001 U	0.0001 U
	9/24-26/13	0.0002 J	0.0001 U	0.0001 U	0.0002 J	0.0001 U	0.0001 U	0.022	0.0001 U	0.0001 U	0.0001 U	0.0001 U
	3/25-27/14	0.0002 J	0.0001 U	0.0001 U	0.0002 J	0.0001 U	0.0001 U	0.024	0.0001 U	0.0001 U	0.0001 U	0.0001 U
	9/23-26/14	0.0002 J	0.0001 U	0.0001 U	0.0001 J	0.0001 U	0.0001 U	0.025	0.0001 U	0.0001 U	0.0001 U	0.0001 U
	3/24-26/15	0.0003 J	0.0001 U	0.0001 U	0.0001 J	0.0001 U	0.0001 U	0.021	0.0001 U	0.0001 U	0.0001 U	0.0001 U
	9/22-24/15	0.0001 J	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.02	0.0001 U	0.0001 U	0.0001 U	0.0001 U
	3/22-24/16	0.0001 J	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.024	0.0001 U	0.0001 U	0.0001 U	0.0001 U
	9/27-29/16	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.024	0.0001 U	0.0001 U	0.0001 U	0.0001 U
	3/28-30/17	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.033	0.0001 U	0.0001 U	0.0001 U	0.0001 U
	9/26-28/17	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.034	0.0001 U	0.0001 U	0.0001 U	0.0001 U
	3/20-22/18	0.0001 U	0.0001 U	0.0002 U	0.0002 U	0.0001 U	0.0001 U	0.028	0.0001 U	0.0001 U	0.0001 U	0.0001 U
	9/25-27/18	0.00008 U	0.00008 U	0.00008 U	0.0006	0.00008 U	0.00008 U	0.03	0.00008 U	0.00008 U	0.00008 U	0.00008 U
	3/19-21/19	0.00008 U	0.00008 U	0.00008 U	0.0005	0.00008 U	0.00008 U	0.025	0.00008 U	0.00008 U	0.00008 U	0.00008 U
	9/10-12/19	0.0001 U	0.0001 U	0.0001 U	0.0006 J	0.0001 U	0.0001 U	0.026	0.0001 U	0.0001 U	0.0001 U	0.0001 U
	6/9-11/20	0.00015 U	0.00015 U	0.00015 U	0.00015 U	0.00015 U	0.00015 U	0.016	0.00015 U	0.00015 U	0.00015 U	0.00015 U

Table 4. Current and Historical Analytical Results
Union Carbide Corporation,
Woodbine, Camden County, Georgia



Constituent GWPS	Sample Dates	MW-40	MW-43	MW-44	MW-45	MW-46	MW-47	MW-48	MW-49	MW-50	MW-51	MW-52
		non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC
		Deep	Deep	Shallow	Shallow	Deep	Shallow	Deep	Deep	Deep	Deep	Deep
Xylenes (continued) 10	11/2-5/20	0.00015 U	0.00015 U	0.00015 U	0.00025 J	0.00015 U	0.00015 U	0.018	0.00015 U	0.00015 U	0.00015 U	0.00015 U
	3/23-25/21	0.00015 U	0.00015 U	0.00030 U	0.00030 U	0.00015 U	0.00015 U	0.016	0.00015 U	0.00015 U	0.00015 U	0.00015 U
	9/21-23/21	0.00015 U	0.00015 U	0.00015 U	0.00015 U	0.00015 U	0.00015 U	0.012 J	0.00015 U	0.00015 U	0.00015 U	0.00015 U
	3/22-24/22	0.00015 U	0.00015 U	0.00015 U	0.00015 U	0.00015 U	0.00015 U	0.013	0.00015 U	0.00015 U	0.00015 U	0.00015 U
	9/26-28/22	0.000070 U	0.000070 U	0.000070 U	0.000070 U	0.000070 U	0.000070 U	0.02	0.000070 U	0.000070 U	0.000070 U	0.000070 U
2,4-D 0.10	11/24/97	--	--	--	--	--	--	--	--	--	--	--
	10/30-31/02	--	--	--	--	--	--	--	--	--	--	--
	4/21-24/03	--	--	--	--	--	--	--	--	--	--	--
	10/14-16/03	--	--	--	--	--	--	--	--	--	--	--
	4/20-21/04	--	--	--	--	--	--	--	--	--	--	--
	10/18-20/04	--	--	--	--	--	--	--	--	--	--	--
	4/26-27/05	--	--	--	--	--	--	--	--	--	--	--
	11/2-4/05	--	--	--	--	--	--	--	--	--	--	--
	5/30-6/2/06	0.00027 U	0.00027 U	0.00027 U	0.00027 U	0.00027 U	0.00027 U	0.00027 U	--	--	--	--
	10/23-11/9/06	0.00025 U	--	0.005 U	0.00025 U	0.00025 U	0.00025 U	0.005 U	--	--	--	--
	1/3/07	--	0.00025 U	--	--	--	--	--	--	--	--	--
	3/5-8/07	0.000048 U	0.00015 J	0.000048 U	0.000048 U	0.00015 U	0.00005 U	0.00051	--	--	--	--
	11/5-9/07	0.000048 U	0.000048 U	0.000049 U	0.000048 U	0.000055 U	0.000053 U	0.00075	--	--	--	--
	4/1-3/08	0.000048 U	0.000099 J	0.000049 U	0.000048 U	0.000049 U	0.000049 U	0.00043	--	--	--	--
	10/27-30/08	0.00005 U	0.000051 U	0.000049 U	0.00047 U	0.000047 U	0.00048 U	0.00047 U	--	--	--	--
	3/16-19/09	0.000053 U	0.000047 U	0.000047 U	0.000088 J	0.000053 UJ	0.000053 U	0.00027 J	--	--	--	--
	9/14-17/09	0.000051 U	0.00014 J	0.000051 U	0.000049 U	0.000047 U	0.00005 U	0.00097	--	--	--	--
	3/29-4/1/10	0.00005 U	0.000051 U	0.000052 U	0.000048 U	0.000053 U	0.000051 U	0.00005 U	--	--	--	--
	10/5-7/10	0.000047 U	0.00018 J	0.000047 U	0.000048 U	0.000048 U	0.000048 U	0.0004	--	--	--	--
	3/22-24/11	0.000053 U	0.000048 U	0.000048 U	0.000052 U	0.000053 U	0.000048 U	0.0053 U	--	--	--	--
	9/27-29/11	0.000048 U	0.000048 U	0.000053 J	0.000048 U	0.000048 U	0.000049 U	0.0014	--	--	--	--
	3/20-22/12	0.000048 U	0.000048 U	0.000048 U	0.000048 U	0.000048 U	0.000048 U	0.67	0.000048 U	0.000048 U	0.000051 U	0.000048 U
	9/25-27/12	0.000048 U	0.000048 U	0.000048 U	0.000048 U	0.000048 U	0.000048 U	0.00049	0.000048 U	0.000048 U	0.000048 U	0.000048 U
	3/25-28/13	0.000049 U	0.000048 U	0.000048 U	0.00005 U	0.000048 U	0.00005 U	0.00083 J	0.000048 U	0.000048 U	0.00005 U	0.000048 U
	9/24-26/13	0.000048 U	0.00005 U	0.000048 U	0.000047 U	0.000049 U	0.000048 U	0.000047 U	0.000047 U	0.00005 U	0.000048 U	0.000047 U
	3/25-27/14	0.000049 UJ	0.000052 UJ	0.00005 UJ	0.000053 UJ	0.000051 UJ	0.000051 UJ	0.000047 UJ	0.000054 UJ	0.000051 UJ	0.000053 U	0.000048 UJ
	9/23-26/14	0.000053 U	0.00005 U	0.000047 U	0.000049 U	0.00005 U	0.000051 U	0.000047 U	0.000048 U	0.000055 U	0.000051 U	0.000048 U
	3/24-26/15	0.000053 U	0.000047 U	0.000049 U	0.000047 U	0.000049 U	0.000048 U	0.00005 U	0.000049 U	0.000047 U	0.000049 U	0.000047 U
	9/22-24/15	0.000048 U	0.000047 U	0.000047 U	0.000047 U	0.000049 U	0.000049 U	0.00056	0.000048 U	0.000049 U	0.000049 U	0.000048 U
	3/22-24/16	0.000049 U	0.000048 U	0.000048 U	0.000048 U	0.000047 U	0.000048 U	0.000048 U	0.000047 U	0.000047 U	0.000047 U	0.000048 U
	9/27-29/16	0.000047 U	0.000048 U	0.000047 U	0.000047 U	0.000049 U	0.000047 U	0.000047 U	0.000047 U	0.000047 U	0.000047 U	0.000047 U
	3/28-30/17	0.000047 U	0.000047 U	0.000047 U	0.000047 U	0.000047 U	0.000047 U	0.000047 U	0.000049 U	0.000047 U	0.000048 U	0.000047 U
	9/26-28/17	0.000047 U	0.000047 UJ	0.000047 UJ	0.000047 U	0.000047 UJ	0.000047 U	0.000047 U	0.000047 U	0.000047 U	0.000047 U	0.000048 U
	3/20-22/18	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
	9/25-27/18	0.0002 J	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
	3/19-21/19	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
	9/10-12/19	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
	6/9-11/20	0.000098 U	0.000098 U	0.00010 U	0.000097 U	0.00010 U	0.00010 U	0.00010 U	0.000098 U	0.00010 U	0.000097 U	0.000095 U
	11/2-5/20	0.000098 U	0.000095 U	0.000095 U	0.00010 UJ	0.000099 U	0.00010 U	0.00010 U	0.00010 U	0.00010 U	0.000095 U	0.000098 U
	3/23-25/21	0.00010 U	0.000098 U	0.000096 U	0.000095 U	0.000098 U	0.000095 U	0.000095 U	0.00011 U	0.00010 U	0.00010 U	0.000096 U
	9/21-23/21	0.00010 U	0.00010 U	0.000098 U	0.000099 U	0.000099 U	0.00010 U	0.000096 U	0.00010 U	0.00010 U	0.00010 U	0.00010 U
	3/22-24/22	0.00011 U	0.00010 U	0.000095 U	0.000097 U	0.00010 U	0.000096 U	0.000097 U	0.00010 U	0.00010 U	0.00010 U	0.00011 U
	9/26-28/22	0.00010 U	0.00011 U	0.000095 U	0.00010 U	0.00010 U	0.000096 U	0.00011 U	0.00010 U	0.00010 U	0.00010 U	0.00011 U
2,4,5-T 0.122	11/24/1997	--	--	--	--	--	--	--	--	--	--	--
	11/7-8/01	--	--	--	--	--	--	--	--	--	--	--
	4/16-17/02	--	--	--	--	--	--	--	--	--	--	--
	10/30-31/02	--	--	--	--	--	--	--	--	--	--	--

Table 4. Current and Historical Analytical Results
Union Carbide Corporation,
Woodbine, Camden County, Georgia



Constituent GWPS	Sample Dates	MW-40	MW-43	MW-44	MW-45	MW-46	MW-47	MW-48	MW-49	MW-50	MW-51	MW-52
		non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC
		Deep	Deep	Shallow	Shallow	Deep	Shallow	Deep	Deep	Deep	Deep	Deep
2,4,5-T (continued) 0.122	4/21-24/03	--	--	--	--	--	--	--	--	--	--	--
	10/14-16/03	--	--	--	--	--	--	--	--	--	--	--
	4/20-21/04	--	--	--	--	--	--	--	--	--	--	--
	10/18-20/04	--	--	--	--	--	--	--	--	--	--	--
	4/26-27/05	--	--	--	--	--	--	--	--	--	--	--
	11/2-4/05	--	--	--	--	--	--	--	--	--	--	--
	5/30-6/2/06	0.00015 U	0.00015 U	0.00015 U	0.00015 U	0.00015 U	0.00015 U	0.00015 U	--	--	--	--
	10/23-11/9/06	0.0001 U	--	0.002 U	0.0001 U	0.0001 U	0.0001 U	0.002 U	--	--	--	--
	1/3/07	--	0.0001 U	--	--	--	--	--	--	--	--	--
	3/5-8/07	0.017	0.034	0.00036	0.00028	0.000012 U	0.0009	0.32	--	--	--	--
	11/5-9/07	0.016	0.0019	0.00022	0.0004	0.000011 U	0.00069	0.22	--	--	--	--
	4/1-3/08	0.000059 J	0.013 J	0.00019 J	0.017 J	0.0000098 U	0.00027 J	0.36 J	--	--	--	--
	10/27-30/08	0.022	0.021	0.00023	0.0014	0.0000095 U	0.0016	1.8	--	--	--	--
	3/16-19/09	0.017	0.019	0.00028	0.0015	0.000011 UJ	0.00078	0.47	--	--	--	--
	9/14-17/09	0.016	0.0087	0.00016	0.00027	0.0000095 U	0.00079	0.41	--	--	--	--
	3/29-4/1/10	0.027	0.017	0.00013	0.00035	0.000011 U	0.00065	0.3	--	--	--	--
	10/5-7/10	0.017	0.0091	0.0001	0.00063	0.0000095 U	0.0002	0.31	--	--	--	--
	3/22-24/11	0.028 J	0.0065	0.000088	0.00017	0.000011 U	0.00015	0.78 J	--	--	--	--
	9/27-29/11	0.011	0.0045	0.000064	0.001	0.000039	0.00021	0.095	--	--	--	--
	3/20-22/12	0.02	0.0045	0.0000096 U	0.00026	0.0000095 U	0.00012	0.24	0.0000096 U	0.0000096 U	0.00001 U	0.0000096 U
	9/25-27/12	0.02	0.011	0.00017	0.00038	0.0000096 U	0.00016	0.15 J	0.0000096 U	0.0000095 U	0.0000095 U	0.0000095 U
	3/25-28/13	0.038 J	0.007	0.00015	0.00058	0.0000096 U	0.00014	0.35 J	0.0000096 U	0.0000097 U	0.0000099 U	0.0000096 U
	9/24-26/13	0.024 J	0.015	0.0000095 U	0.00031	0.0000098 U	0.0000097 U	0.41 J	0.0000094 U	0.0000095 U	0.0000095 U	0.0000095 U
	3/25-27/14	0.032 J	0.0044 J	0.0001 J	0.00033 J	0.00001 UJ	0.00001 UJ	0.3 J	0.000011 UJ	0.00001 UJ	0.000011 U	0.0000095 UJ
	9/23-26/14	0.022	0.0051	0.00011	0.0004	0.00001 U	0.00001 U	0.3	0.0000096 U	0.000011 U	0.00001 U	0.0000095 U
	3/24-26/15	0.019	0.0054	0.00023 J	0.00092 J	0.0000098 U	0.0001 J	0.087	0.0000099 U	0.0000094 U	0.0000098 U	0.0000094 U
	9/22-24/15	0.028	0.018	0.00014 J	0.00057	0.0000097 U	0.0000098 U	0.025	0.0000096 U	0.0000098 U	0.0000098 U	0.0000095 U
	3/22-24/16	0.011	0.0047	0.00017	0.00048	0.0000094 U	0.0000095 U	0.045	0.0000095 U	0.0000095 U	0.0000094 U	0.0000096 U
	9/27-29/16	0.016	0.0034	0.00021	0.0003	0.0000098 U	0.0000095 U	0.15	0.0000095 U	0.0000094 U	0.0000095 U	0.0000095 U
	3/28-30/17	0.023	0.0079	0.00024	0.00039	0.0000094 U	0.0000095 U	0.097	0.0000098 U	0.0000094 U	0.0000095 U	0.0000094 U
	9/26-28/17	0.0000095 U	0.0000095 UJ	0.0000094 UJ	0.0000094 U	0.0000094 UJ	0.0000094 U	0.0000095 U	0.0000093 U	0.0000094 U	0.0000095 U	0.0000095 U
	3/20-22/18	0.00001 U	0.000009 U	0.000009 U	0.00001 U	0.00001 U	0.00001 U	0.00001 U	0.000009 U	0.00001 U	0.000009 U	0.000009 U
	9/25-27/18	0.00001 U	0.00001 U	0.00001 U	0.00001 U	0.000009 U	0.000009 U	0.00001 U	0.00001 U	0.00001 U	0.000009 U	0.00001 U
	3/19-21/19	0.00001 U	0.000009 U	0.00001 U	0.00001 U	0.00001 U	0.00001 U	0.00001 U	0.00001 U	0.00001 U	0.00001 U	0.00001 U
	9/10-12/19	0.00001 U	0.00001 U	0.00001 U	0.00001 U	0.00001 U	0.00001 U	0.000009 U	0.00001 U	0.00001 U	0.000009 U	0.00001 U
	6/9-11/20	0.0000098 U	0.0000098 U	0.000010 U	0.0000097 U	0.000010 U	0.000010 U	0.000010 U	0.0000098 U	0.000010 U	0.0000097 U	0.0000095 U
	11/2-5/20	0.0000098 UJ	0.0000095 U	0.0000095 U	0.000010 UJ	0.0000099 UJ	0.000010 UJ	0.000010 UJ	0.000010 U	0.000010 U	0.0000095 U	0.0000098 U
	3/23-25/21	0.000010 U	0.0000098 U	0.0000096 R	0.0000095 U	0.0000098 U	0.0000095 U	0.0000095 U	0.000011 U	0.000010 U	0.000010 U	0.0000096 U
	9/21-23/21	0.000010 U	0.000010 U	0.0000098 U	0.0000099 U	0.0000099 U	0.000010 U	0.0000096 R	0.000010 U	0.000010 U	0.000010 U	0.000010 U
	3/22-24/22	0.000011 U	0.000010 U	0.0000095 U	0.0000097 U	0.000010 U	0.0000096 U	0.0000097 U	0.000010 U	0.000010 U	0.000010 U	0.000011 U
	9/26-28/22	0.000010 U	0.000011 U	0.0000095 U	0.000010 U	0.000010 U	0.0000096 U	0.000011 U	0.000010 U	0.000010 U	0.000010 U	0.000011 U
2,4,5-TP (Silvex) 0.010	10/30-31/02	--	--	--	--	--	--	--	--	--	--	--
	4/21-24/03	--	--	--	--	--	--	--	--	--	--	--
	10/14-16/03	--	--	--	--	--	--	--	--	--	--	--
	4/20-21/04	--	--	--	--	--	--	--	--	--	--	--
	10/18-20/04	--	--	--	--	--	--	--	--	--	--	--
	4/26-27/05	--	--	--	--	--	--	--	--	--	--	--
	11/2-4/05	--	--	--	--	--	--	--	--	--	--	--
	1/19/06	--	--	--	--	--	--	--	--	--	--	--
	5/30-6/2/06	0.00013 U	0.00013 U	0.00013 U	0.00013 U	0.00013 U	0.00013 U	0.00013 U	--	--	--	--

Table 4. Current and Historical Analytical Results
Union Carbide Corporation,
Woodbine, Camden County, Georgia



Constituent GWPS	Sample Dates	MW-40	MW-43	MW-44	MW-45	MW-46	MW-47	MW-48	MW-49	MW-50	MW-51	MW-52
		non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC
		Deep	Deep	Shallow	Shallow	Deep	Shallow	Deep	Deep	Deep	Deep	Deep
2,4,5-TP (Silvex) (continued) 0.010	10/23-11/9/06	0.0001 U	--	0.00233 J	0.0001 U	0.0001 U	0.0001 U	0.002 U	--	--	--	--
	1/3/07	--	0.0001 U	--	--	--	--	--	--	--	--	--
	3/5-8/07	0.0000095 U	0.0000095 U	0.0000095 U	0.0000095 U	0.0000095 U	0.00001 U	0.00001 U	--	--	--	--
	11/5-9/07	0.000036	0.0000097 U	0.0000098 U	0.0000097 U	0.000011 U	0.000011 U	0.00001 U	--	--	--	--
	4/1-3/08	0.0000095 U	0.0000095 U	0.0000098 U	0.0000096 U	0.0000098 U	0.0000097 U	0.00001 U	--	--	--	--
	10/27-30/08	0.0000099 U	0.00001 U	0.0000097 U	0.000095 U	0.0000095 U	0.000095 U	0.000095 U	--	--	--	--
	3/16-19/09	0.000011 U	0.0000095 U	0.0000095 U	0.00001 U	0.000011 UJ	0.000011 U	0.000052 U	--	--	--	--
	9/14-17/09	0.00001 U	0.000023 J	0.00001 U	0.0000098 U	0.0000095 U	0.000012 J	0.00034	--	--	--	--
	3/29-4/1/10	0.00001 U	0.00001 U	0.00001 U	0.0000096 U	0.000011 U	0.00001 U	0.00001 U	--	--	--	--
	10/5-7/10	0.000036	0.000016 J	0.0000095 U	0.0000095 U	0.0000095 U	0.0000096 U	0.00038	--	--	--	--
	3/22-24/11	0.000031	0.0000096 U	0.0000096 U	0.000028	0.000011 U	0.0000097 U	0.0011 U	--	--	--	--
	9/27-29/11	0.000033	0.0000097 U	0.00001 U	0.000027	0.0000097 U	0.000028	0.00023	--	--	--	--
	3/20-22/12	0.0000096 U	0.0000095 U	0.0000096 U	0.0000096 U	0.0000095 U	0.0000096 U	0.00001 U	0.0000096 U	0.0000096 U	0.00001 U	0.0000096 U
	9/25-27/12	0.0000096 U	0.0000096 U	0.0000095 U	0.0000096 U	0.0000096 UJ	0.0000095 U	0.00018	0.0000096 UJ	0.0000095 UJ	0.0000095 U	0.0000095 U
	3/25-28/13	0.0000098 U	0.0000096 U	0.0000096 U	0.0000099 U	0.0000096 U	0.0000099 U	0.0000096 U	0.0000096 U	0.0000097 U	0.0000099 U	0.0000096 U
	9/24-26/13	0.0000095 U	0.00001 U	0.0000095 U	0.0000095 U	0.0000098 U	0.0000097 U	0.0000095 U	0.0000094 U	0.00001 U	0.0000095 U	0.0000095 U
	3/25-27/14	0.0000098 UJ	0.00001 UJ	0.00001 UJ	0.000011 UJ	0.00001 UJ	0.00001 UJ	0.0000095 UJ	0.000011 UJ	0.00001 UJ	0.000011 U	0.0000095 UJ
	9/23-26/14	0.000011 U	0.00001 U	0.0000095 U	0.0000099 U	0.00001 U	0.00001 U	0.0000095 U	0.0000096 U	0.000011 U	0.00001 U	0.0000095 U
	3/24-26/15	0.000011 U	0.0000094 U	0.0000097 U	0.0000094 U	0.0000098 U	0.0000096 U	0.00001 U	0.0000099 U	0.0000094 U	0.0000098 U	0.0000094 U
	9/22-24/15	0.0000096 U	0.0000095 U	0.0000095 U	0.0000095 U	0.0000097 U	0.0000098 U	0.0000095 U	0.0000096 U	0.0000098 U	0.0000098 U	0.0000095 U
	3/22-24/16	0.0000098 U	0.0000095 U	0.0000096 U	0.0000096 U	0.0000094 U	0.0000095 U	0.0000096 U	0.0000095 U	0.0000095 U	0.0000094 U	0.0000096 U
	9/27-29/16	0.0000095 U	0.0000097 U	0.0000094 U	0.0000095 U	0.0000098 U	0.0000095 U	0.0000094 U	0.0000095 U	0.0000094 U	0.0000095 U	0.0000095 U
	3/28-30/17	0.0000095 U	0.0000094 U	0.0000094 U	0.0000095 U	0.0000094 U	0.0000095 U	0.0000095 U	0.0000098 U	0.0000094 U	0.0000095 U	0.0000094 U
	9/26-28/17	0.0000095 U	0.0000095 UJ	0.0000094 UJ	0.0000094 U	0.0000094 UJ	0.0000094 U	0.0000095 U	0.0000093 U	0.0000094 U	0.0000095 U	0.0000095 U
	3/20-22/18	0.00001 U	0.000009 U	0.000009 U	0.00001 U	0.00001 U	0.00001 U	0.00001 U	0.000009 U	0.00001 U	0.000009 U	0.000009 U
	9/25-27/18	0.00001 U	0.00001 U	0.00001 U	0.00001 U	0.000009 U	0.000009 U	0.00001 U	0.00001 U	0.00001 U	0.000009 U	0.00001 U
	3/19-21/19	0.00001 U	0.000009 U	0.00001 U	0.00001 U	0.00001 U	0.00001 U	0.00001 U	0.00001 U	0.00001 U	0.00001 U	0.00001 U
	9/10-12/19	0.00001 U	0.00001 U	0.00001 U	0.00001 U	0.00001 U	0.00001 U	0.000009 U	0.00001 U	0.00001 U	0.000009 U	0.00001 U
	6/9-11/20	0.0000098 U	0.0000098 U	0.000010 U	0.0000097 U	0.000010 U	0.000010 U	0.000010 U	0.0000098 U	0.000010 U	0.0000097 U	0.0000095 U
	11/2-5/20	0.0000098 UJ	0.0000095 U	0.0000095 U	0.000010 UJ	0.0000099 UJ	0.000010 UJ	0.000010 UJ	0.000010 U	0.000010 U	0.0000095 U	0.0000098 U
	3/23-25/21	0.000010 U	0.0000098 U	0.0000096 U	0.0000095 U	0.0000098 U	0.0000095 U	0.0000095 U	0.000011 U	0.000010 U	0.000010 U	0.0000096 U
	9/21-23/21	0.000010 U	0.000010 U	0.0000098 U	0.0000099 U	0.0000099 U	0.000010 U	0.0000096 U	0.000010 U	0.000010 U	0.000010 U	0.000010 U
	3/22-24/22	0.000011 U	0.000010 U	0.0000095 U	0.0000097 U	0.000010 U	0.0000096 U	0.0000097 U	0.000010 U	0.000010 U	0.000010 U	0.000011 U
	9/26-28/22	0.000010 U	0.000011 U	0.0000095 U	0.000010 U	0.000010 U	0.0000096 U	0.000011 U	0.000010 U	0.000010 U	0.000010 U	0.000011 U
4-Chloroaniline 0.0004	11/7/07	--	--	--	--	--	--	--	--	--	--	--
	10/29/08	--	--	--	--	--	--	--	--	--	--	--
	9/16/09	--	--	--	--	--	--	--	--	--	--	--
	10/6/10	--	--	--	--	--	--	--	--	--	--	--
	9/29/11	--	--	--	--	--	--	--	--	--	--	--
	9/27/12	--	--	--	--	--	--	--	--	--	--	--
	12/7/12	--	--	--	--	--	--	--	--	--	--	--
	3/25-26/13	--	--	--	--	--	--	--	--	--	--	--
	9/26/13	--	--	--	--	--	--	--	--	--	--	--
	9/23-26/14	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
	3/24-26/15	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
	9/22-24/15	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
	3/22-24/16	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
	9/27-29/16	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
	3/28-30/17	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 UJ	0.002 U
	9/26-28/17	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U

Table 4. Current and Historical Analytical Results
Union Carbide Corporation,
Woodbine, Camden County, Georgia



Constituent GWPS	Sample Dates	MW-40	MW-43	MW-44	MW-45	MW-46	MW-47	MW-48	MW-49	MW-50	MW-51	MW-52
		non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC
		Deep	Deep	Shallow	Shallow	Deep	Shallow	Deep	Deep	Deep	Deep	Deep
4-Chloroaniline (continued) 0.0004	3/20-22/18	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
	9/25-27/18	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U
	3/19-21/19	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
	9/10-12/19	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
	6/9-11/20	0.0041 U	0.0041 U	0.0040 U	0.0041 U	0.0042 U	0.0041 U	0.0042 U	0.0043 U	0.0042 U	0.0040 U	0.0042 U
	11/2-5/20	0.0041 U	0.0040 U	0.0040 U	0.0042 U	0.0042 U	0.0041 U	0.0042 U	0.0042 U	0.0043 U	0.0040 U	0.0041 U
	3/23-25/21	0.0041 U	0.0042 U	0.0042 U	0.0043 U	0.0042 U	0.0041 U	0.0040 U	0.0044 U	0.0043 U	0.0043 U	0.0040 U
	9/21-23/21	0.0040 U	0.0042 U	0.0042 U	0.0043 U	0.0041 U	0.0041 U	0.0043 U	0.0043 U	0.0044 U	0.0044 U	0.0042 U
	3/22-24/22	0.0042 U	0.0049 U	0.0052 U	0.0042 U	0.0045 U	0.0053 U	0.0051 U	0.0049 U	0.0049 U	0.0050 U	0.0050 U
	9/26-28/22	0.0044 U	0.0048 U	0.0041 U	0.0048 U	0.0043 U	0.0045 U	0.0045 U	0.0042 U	0.0042 U	0.0040 U	0.0040 U
2-Chlorophenol 0.071	11/24/97	--	--	--	--	--	--	--	--	--	--	--
	3/26/98	--	--	--	--	--	--	--	--	--	--	--
	5/28/98	--	--	--	--	--	--	--	--	--	--	--
	9/16/98	--	--	--	--	--	--	--	--	--	--	--
	11/19/98	--	--	--	--	--	--	--	--	--	--	--
	2/8/99	--	--	--	--	--	--	--	--	--	--	--
	5/11/99	--	--	--	--	--	--	--	--	--	--	--
	11/8-9/99	--	--	--	--	--	--	--	--	--	--	--
	4/18-19/00	--	--	--	--	--	--	--	--	--	--	--
	10/16/2000	--	--	--	--	--	--	--	--	--	--	--
	4/10/01	--	--	--	--	--	--	--	--	--	--	--
	11/7-8/01	--	--	--	--	--	--	--	--	--	--	--
	4/16-17/02	--	--	--	--	--	--	--	--	--	--	--
	10/30-31/02	--	--	--	--	--	--	--	--	--	--	--
	4/21-24/03	--	--	--	--	--	--	--	--	--	--	--
	10/14-16/03	--	--	--	--	--	--	--	--	--	--	--
	4/20-21/04	--	--	--	--	--	--	--	--	--	--	--
	10/18-20/04	--	--	--	--	--	--	--	--	--	--	--
	4/26-27/05	--	--	--	--	--	--	--	--	--	--	--
	11/2-4/05	--	--	--	--	--	--	--	--	--	--	--
	5/30-6/2/06	0.000321 U	0.000321 U	0.000321 U	0.000321 U	0.000321 U	0.000321 U	0.00246 J	--	--	--	--
	10/23-11/9/06	0.00255 UJ	0.0025 UJ	0.0025 UJ	0.0025 UJ	0.0025 UJ	0.0025 U	0.00255 UJ	--	--	--	--
	1/3-4/07	--	--	--	--	--	--	--	--	--	--	--
	3/5-8/07	0.0009 U	0.0009 U	0.0009 U	0.0009 U	0.001 U	0.001 U	0.001 U	--	--	--	--
	11/5-9/07	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 J	--	--	--	--
	1/22/08	--	--	--	--	--	--	--	--	--	--	--
	4/1-3/08	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	--	--	--	--
	10/27-30/08	0.001 U	0.001 U	0.001 U	0.0009 U	0.001 U	0.001 U	0.001 U	--	--	--	--
	3/16-19/09	0.001 U	0.001 U	0.0009 U	0.001 U	0.001 U	0.001 U	0.001 U	--	--	--	--
	9/14-17/09	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0009 U	--	--	--	--
	3/29-4/1/10	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	--	--	--	--
	10/5-7/10	0.001 U	0.0009 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	--	--	--	--
	3/22-24/11	0.001 U	0.001 U	0.001 U	0.01 U	0.001 U	0.001 U	0.001 U	--	--	--	--
	9/27-29/11	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0007 J	--	--	--	--
	3/20-22/12	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
	9/25-27/12	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 J	0.0005 U	0.0005 U	0.0005 U	0.0005 U
	3/25-28/13	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
	9/24-26/13	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
	3/25-27/14	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 UJ	0.0005 U
	9/23-26/14	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 UJ	0.0005 U

Table 4. Current and Historical Analytical Results
Union Carbide Corporation,
Woodbine, Camden County, Georgia



Constituent GWPS	Sample Dates	MW-40	MW-43	MW-44	MW-45	MW-46	MW-47	MW-48	MW-49	MW-50	MW-51	MW-52
		non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC
		Deep	Deep	Shallow	Shallow	Deep	Shallow	Deep	Deep	Deep	Deep	Deep
2-Chlorophenol (continued) 0.071	3/24-26/15	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 UJ	0.0005 UJ	0.0005 U	0.0005 U
	9/22-24/15	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
	3/22-24/16	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
	9/27-29/16	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
	3/28-30/17	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
	9/26-28/17	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
	3/20-22/18	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
	9/25-27/18	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
	3/19-21/19	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
	9/10-12/19	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
	6/9-11/20	0.00051 U	0.00051 U	0.00051 U	0.00052 U	0.00053 U	0.00052 U	0.00052 U	0.00054 U	0.00053 U	0.00050 U	0.00052 U
	11/2-5/20	0.00051 U	0.00050 U	0.00050 U	0.00052 U	0.00053 U	0.00051 U	0.00052 U	0.00052 U	0.00053 U	0.00050 U	0.00051 U
	3/23-25/21	0.00052 U	0.00052 U	0.00052 U	0.00054 U	0.00053 U	0.00051 U	0.00050 U	0.00056 U	0.00054 U	0.00053 U	0.00050 U
	9/21-23/21	0.00050 U	0.00053 U	0.00053 U	0.00054 U	0.00052 U	0.00052 U	0.00053 U	0.00054 U	0.00054 U	0.00055 U	0.00052 U
	3/22-24/22	0.00052 U	0.00061 U	0.00065 U	0.00053 U	0.00056 U	0.00067 U	0.00063 U	0.00061 U	0.00061 U	0.00062 U	0.00062 U
	9/26-28/22	0.00055 U	0.00060 U	0.00052 U	0.00060 U	0.00053 U	0.00056 U	0.00056 U	0.00053 U	0.00052 U	0.00050 U	0.00050 U
Dibenzofuran 0.0012	11/7/07	--	--	--	--	--	--	--	--	--	--	--
	10/29/08	--	--	--	--	--	--	--	--	--	--	--
	9/16/09	--	--	--	--	--	--	--	--	--	--	--
	10/6/10	--	--	--	--	--	--	--	--	--	--	--
	9/29/11	--	--	--	--	--	--	--	--	--	--	--
	9/27/12	--	--	--	--	--	--	--	--	--	--	--
	9/26/13	--	--	--	--	--	--	--	--	--	--	--
	9/25/14	--	--	--	--	--	--	--	--	--	--	--
	3/24-25/15	--	--	--	--	--	--	--	--	--	--	--
	9/22-24/15	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
	3/22-24/16	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
	9/27-29/16	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
	3/28-30/17	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
	9/26-28/17	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
	3/20-22/18	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
	9/25-27/18	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
	3/19-21/19	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
	9/10-12/19	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 UJ	0.0005 U	0.0005 U	0.0005 UJ	0.0005 UJ
	6/9-11/20	0.00051 U	0.00051 U	0.00051 U	0.00052 U	0.00053 U	0.00052 U	0.00052 U	0.00054 U	0.00053 U	0.00050 U	0.00052 U
	11/2-5/20	0.00051 U	0.00050 U	0.00050 U	0.00052 U	0.00053 U	0.00051 U	0.00052 U	0.00052 U	0.00053 U	0.00050 U	0.00051 U
	3/23-25/21	0.00052 U	0.00052 U	0.00052 U	0.00054 U	0.00053 U	0.00051 U	0.00050 U	0.00056 U	0.00054 U	0.00053 U	0.00050 U
	9/21-23/21	0.00050 U	0.00053 U	0.00053 U	0.00054 U	0.00052 U	0.00052 U	0.00053 U	0.00054 U	0.00054 U	0.00055 U	0.00052 U
	3/22-24/22	0.00052 U	0.00061 U	0.00065 U	0.00053 U	0.00056 U	0.00067 U	0.00063 U	0.00061 U	0.00061 U	0.00062 U	0.00062 U
	9/26-28/22	0.00055 U	0.00060 U	0.00052 U	0.00060 U	0.00053 U	0.00056 U	0.00056 U	0.00053 U	0.00052 U	0.00050 U	0.00050 U
1,4-Dichlorobenzene 0.075	11/7/2007	--	--	--	--	--	--	--	--	--	--	--
	10/29/2008	--	--	--	--	--	--	--	--	--	--	--
	9/16/2009	--	--	--	--	--	--	--	--	--	--	--
	10/6/2010	--	--	--	--	--	--	--	--	--	--	--
	9/29/2011	--	--	--	--	--	--	--	--	--	--	--
	9/27/2012	--	--	--	--	--	--	--	--	--	--	--
	9/26/2013	--	--	--	--	--	--	--	--	--	--	--
	11/25/2013	--	--	--	--	--	--	--	--	--	--	--
	3/25/2014	--	--	--	--	--	--	--	--	--	--	--
	9/25/2014	--	--	--	--	--	--	--	--	--	--	--
	3/25/2015	--	--	--	--	--	--	--	--	--	--	--

Table 4. Current and Historical Analytical Results
Union Carbide Corporation,
Woodbine, Camden County, Georgia



Constituent GWPS	Sample Dates	MW-40	MW-43	MW-44	MW-45	MW-46	MW-47	MW-48	MW-49	MW-50	MW-51	MW-52
		non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC
		Deep	Deep	Shallow	Shallow	Deep	Shallow	Deep	Deep	Deep	Deep	Deep
1,4-Dichlorobenzene (continued) 0.075	9/22-24/15	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
	3/22-24/16	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
	9/27-29/16	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
	3/28-30/17	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
	9/26-28/17	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
	3/20-22/18	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
	9/25-27/18	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
	3/19-21/19	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 UJ	0.0005 U
	9/10-12/19	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 UJ	0.0005 U	0.0005 U	0.0005 UJ	0.0005 UJ
	6/9-11/20	0.00051 U	0.00051 U	0.00051 U	0.00052 U	0.00053 U	0.00052 U	0.00052 U	0.00054 U	0.00053 U	0.00050 U	0.00052 U
	11/2-5/20	0.00051 U	0.00050 U	0.00050 U	0.00052 U	0.00053 U	0.00051 U	0.00052 U	0.00052 U	0.00053 U	0.00050 U	0.00051 U
	3/23-25/21	0.00052 U	0.00052 U	0.00052 U	0.00054 U	0.00053 U	0.00051 U	0.00050 U	0.00056 U	0.00054 U	0.00053 U	0.00050 U
	9/21-23/21	0.00050 U	0.00053 U	0.00053 U	0.00054 U	0.00052 U	0.00052 U	0.00053 U	0.00054 U	0.00054 U	0.00055 U	0.00052 U
	3/22-24/22	0.00052 U	0.00061 U	0.00065 U	0.00053 U	0.00056 U	0.00067 U	0.00063 U	0.00061 U	0.00061 U	0.00062 U	0.00062 U
	9/26-28/22	0.00055 U	0.00060 U	0.00052 U	0.00060 U	0.00053 U	0.00056 U	0.00056 U	0.00053 U	0.00052 U	0.00050 U	0.00050 U
Fluorene 0.043	11/7/07	--	--	--	--	--	--	--	--	--	--	--
	10/29/08	--	--	--	--	--	--	--	--	--	--	--
	9/16/09	--	--	--	--	--	--	--	--	--	--	--
	10/6/10	--	--	--	--	--	--	--	--	--	--	--
	9/29/11	--	--	--	--	--	--	--	--	--	--	--
	9/27/12	--	--	--	--	--	--	--	--	--	--	--
	9/26/13	--	--	--	--	--	--	--	--	--	--	--
	9/25/14	--	--	--	--	--	--	--	--	--	--	--
	3/24-25/15	--	--	--	--	--	--	--	--	--	--	--
	9/22-24/15	0.00009 U	0.00009 U	0.0001 U	0.00009 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.00009 U
	3/22-24/16	0.00009 U	0.0001 U	0.00009 U	0.00009 U	0.00009 U	0.0001 U	0.0001 U	0.0001 U	0.00009 U	0.00009 U	0.00009 U
	9/27-29/16	0.00009 U	0.0001 U	0.0001 U	0.00009 U	0.0001 U	0.00009 U	0.00009 U	0.0001 U	0.00009 U	0.00009 U	0.00009 U
	3/28-30/17	0.00009 U	0.00009 U	0.0001 U	0.00009 U	0.00009 U	0.0001 U	0.0001 U	0.00009 U	0.00009 U	0.0001 U	0.00009 U
	9/26-28/17	0.00009 U	0.00009 U	0.00009 U	0.00009 U	0.00009 U	0.00009 U	0.00009 U	0.00009 U	0.00009 U	0.00009 U	0.00009 U
	3/20-22/18	0.00009 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.00009 U	0.0001 U
	9/25-27/18	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
	3/19-21/19	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.00009 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
	9/10-12/19	0.0001 U	0.0001 U	0.0003 J	0.0001 U	0.0001 U	0.0001 U	0.0001 UJ	0.0001 U	0.0001 U	0.0001 UJ	0.00009 UJ
	6/9-11/20	0.00010 U	0.00010 U	0.00010 U	0.00010 U	0.00011 U	0.00010 U	0.00010 U	0.00011 U	0.00011 U	0.00010 U	0.00010 U
	11/2-5/20	0.00010 U	0.00010 U	0.00010 U	0.00010 U	0.00011 U	0.00010 U	0.00010 U	0.00010 U	0.00011 U	0.00010 U	0.00010 U
	3/23-25/21	0.00012 U	0.00013 U	0.00013 U	0.00013 U	0.00013 U	0.00012 U	0.00012 U	0.00013 U	0.00013 U	0.00013 U	0.00012 U
	9/21-23/21	0.00012 U	0.00013 U	0.00013 U	0.00013 U	0.00012 U	0.00012 U	0.00013 U	0.00013 U	0.00013 U	0.00013 U	0.00013 U
	3/22-24/22	0.00012 U	0.00015 U	0.00016 U	0.00013 U	0.00013 U	0.00033 J	0.00015 U	0.00015 U	0.00015 U	0.00015 U	0.00015 U
	9/26-28/22	0.00013 U	0.00014 U	0.00012 U	0.00014 U	0.00013 U	0.00013 U	0.00014 U	0.00013 U	0.00012 U	0.00012 U	0.00012 U
2-Methylnaphthalene 0.027	11/24/97	--	--	--	--	--	--	--	--	--	--	--
	3/26/98	--	--	--	--	--	--	--	--	--	--	--
	5/28/98	--	--	--	--	--	--	--	--	--	--	--
	9/16/98	--	--	--	--	--	--	--	--	--	--	--
	11/19/98	--	--	--	--	--	--	--	--	--	--	--
	2/8/99	--	--	--	--	--	--	--	--	--	--	--
	5/11/99	--	--	--	--	--	--	--	--	--	--	--
	11/8-9/99	--	--	--	--	--	--	--	--	--	--	--
	4/18-19/00	--	--	--	--	--	--	--	--	--	--	--
	10/16/2000	--	--	--	--	--	--	--	--	--	--	--
	4/10/01	--	--	--	--	--	--	--	--	--	--	--
	11/7-8/01	--	--	--	--	--	--	--	--	--	--	--

Table 4. Current and Historical Analytical Results
Union Carbide Corporation,
Woodbine, Camden County, Georgia



Constituent GWPS	Sample Dates	MW-40	MW-43	MW-44	MW-45	MW-46	MW-47	MW-48	MW-49	MW-50	MW-51	MW-52
		non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC
		Deep	Deep	Shallow	Shallow	Deep	Shallow	Deep	Deep	Deep	Deep	Deep
2-Methylnaphthalene (continued) 0.027	4/16-17/02	--	--	--	--	--	--	--	--	--	--	--
	10/30-31/02	--	--	--	--	--	--	--	--	--	--	--
	4/21-24/03	--	--	--	--	--	--	--	--	--	--	--
	10/14-16/03	--	--	--	--	--	--	--	--	--	--	--
	4/20-21/04	--	--	--	--	--	--	--	--	--	--	--
	10/18-20/04	--	--	--	--	--	--	--	--	--	--	--
	4/26-27/05	--	--	--	--	--	--	--	--	--	--	--
	11/2-4/05	--	--	--	--	--	--	--	--	--	--	--
	5/30-6/2/06	0.000216 U	0.000216 U	0.000216 U	0.000216 U	0.000216 U	0.000216 U	0.0016 J	--	--	--	--
	10/23-11/9/06	0.00255 UJ	0.0025 U	0.0025 U	0.0025 UJ	0.0025 UJ	0.0025 U	0.00255 UJ	--	--	--	--
	1/3-4/07	--	--	--	--	--	--	--	--	--	--	--
	3/5-8/07	0.0009 U	0.0009 U	0.0009 U	0.0009 U	0.001 U	0.001 U	0.001 U	--	--	--	--
	11/5-9/07	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	--	--	--	--
	4/1-3/08	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	--	--	--	--
	10/27-30/08	0.001 U	0.001 U	0.001 U	0.0009 U	0.001 U	0.001 U	0.001 U	--	--	--	--
	3/16-19/09	0.001 U	0.001 U	0.0009 U	0.001 U	0.001 U	0.001 U	0.001 U	--	--	--	--
	9/14-17/09	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0009 U	--	--	--	--
	3/29-4/1/10	0.001 U	0.001 U	0.002 J	0.001 U	0.001 U	0.001 U	0.001 U	--	--	--	--
	10/5-7/10	0.001 U	0.0009 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	--	--	--	--
	3/22-24/11	0.001 U	0.001 U	0.001 U	0.01 U	0.001 U	0.001 U	0.001 U	--	--	--	--
	9/27-29/11	0.0001 U	0.00009 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	--	--	--	--
	3/20-22/12	0.0001 U	0.0001 U	0.00009 U	0.0001 U	0.0001 U	0.0001 U	0.00009 U	0.00009 U	0.0001 U	0.0001 U	0.00009 U
	9/25-27/12	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.00009 U	0.00009 U	0.00009 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
	3/25-28/13	0.0001 U	0.0001 U	0.0001 U	0.0001 UJ	0.0001 U	0.0001 U	0.00009 U	0.0001 U	0.00009 U	0.0001 U	0.0001 U
	9/24-26/13	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0003 J	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
	3/25-27/14	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 UJ	0.00009 U
	9/23-26/14	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 UJ	0.00009 UJ	0.0001 U	0.00009 U	0.0001 U	0.00009 UJ
	3/24-26/15	0.0001 U	0.00009 U	0.00009 U	0.00009 U	0.0001 U	0.00009 U	0.00009 U	0.0001 U	0.00009 U	0.0001 U	0.00009 U
	9/22-24/15	0.00009 U	0.00009 U	0.0001 U	0.00009 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.00009 U
	3/22-24/16	0.00009 U	0.0001 U	0.00009 U	0.00009 U	0.00009 U	0.0001 U	0.0001 U	0.0001 U	0.00009 U	0.00009 U	0.00009 U
	9/27-29/16	0.00009 U	0.0001 U	0.0001 U	0.00009 U	0.0001 U	0.00009 U	0.00009 U	0.0001 U	0.00009 U	0.00009 U	0.00009 U
	3/28-30/17	0.00009 U	0.00009 U	0.0001 U	0.00009 U	0.00009 U	0.0001 U	0.0001 U	0.00009 U	0.00009 U	0.0001 U	0.00009 U
	9/26-28/17	0.00009 U	0.00009 U	0.00009 U	0.00009 U	0.00009 U	0.00009 U	0.00009 U	0.00009 U	0.00009 U	0.00009 U	0.00009 U
	3/20-22/18	0.00009 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.00009 U	0.0001 U
	9/25-27/18	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
	3/19-21/19	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.00009 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
	9/10-12/19	0.0001 U	0.0001 U	0.0001 J	0.0001 U	0.0001 U	0.0001 U	0.0001 UJ	0.0001 U	0.0001 U	0.0001 UJ	0.00009 UJ
	6/9-11/20	0.00010 U	0.00010 U	0.00010 U	0.00010 U	0.00011 U	0.00010 U	0.00010 U	0.00011 U	0.00011 U	0.00010 U	0.00010 U
	11/2-5/20	0.00010 U	0.00010 U	0.00010 U	0.00010 U	0.00011 U	0.00010 U	0.00010 U	0.00010 U	0.00011 U	0.00010 U	0.00010 U
	3/23-25/21	0.00010 U	0.00010 U	0.00010 U	0.00011 U	0.00011 U	0.00010 U	0.00010 U	0.00011 U	0.00011 U	0.00011 U	0.00010 U
	9/21-23/21	0.00010 U	0.00011 U	0.00011 U	0.00011 U	0.00010 U	0.00010 U	0.00011 U	0.00011 U	0.00011 U	0.00011 U	0.00010 U
	3/22-24/22	0.00010 U	0.00012 U	0.00013 U	0.00011 U	0.00011 U	0.00013 U	0.00013 U	0.00012 U	0.00012 U	0.00012 U	0.00012 U
	9/26-28/22	0.00011 U	0.00012 U	0.00010 U	0.00012 U	0.00011 U	0.00011 U	0.00011 U	0.00011 U	0.00010 U	0.00010 U	0.00010 U
m & p Cresol NA	11/24/97	--	--	--	--	--	--	--	--	--	--	--
	3/26/98	--	--	--	--	--	--	--	--	--	--	--
	5/28/98	--	--	--	--	--	--	--	--	--	--	--
	9/16/98	--	--	--	--	--	--	--	--	--	--	--
	11/19/98	--	--	--	--	--	--	--	--	--	--	--
	2/8/99	--	--	--	--	--	--	--	--	--	--	--
	5/11/99	--	--	--	--	--	--	--	--	--	--	--

Table 4. Current and Historical Analytical Results
Union Carbide Corporation,
Woodbine, Camden County, Georgia



Constituent GWPS	Sample Dates	MW-40	MW-43	MW-44	MW-45	MW-46	MW-47	MW-48	MW-49	MW-50	MW-51	MW-52
		non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC
		Deep	Deep	Shallow	Shallow	Deep	Shallow	Deep	Deep	Deep	Deep	Deep
m & p Cresol (continued) NA	11/8-9/99	--	--	--	--	--	--	--	--	--	--	--
	4/18-19/00	--	--	--	--	--	--	--	--	--	--	--
	10/16/2000	--	--	--	--	--	--	--	--	--	--	--
	4/10/01	--	--	--	--	--	--	--	--	--	--	--
	11/7-8/01	--	--	--	--	--	--	--	--	--	--	--
	4/16-17/02	--	--	--	--	--	--	--	--	--	--	--
	10/30-31/02	--	--	--	--	--	--	--	--	--	--	--
	4/21-24/03	--	--	--	--	--	--	--	--	--	--	--
	10/14-16/03	--	--	--	--	--	--	--	--	--	--	--
	4/20-21/04	--	--	--	--	--	--	--	--	--	--	--
	10/18-20/04	--	--	--	--	--	--	--	--	--	--	--
	4/26-27/05	--	--	--	--	--	--	--	--	--	--	--
	11/2-4/05	--	--	--	--	--	--	--	--	--	--	--
	5/30-6/2/06	0.432	0.000933 U	0.000933 U	0.0782	0.000933 U	0.000933 U	0.268	--	--	--	--
	10/23-11/9/06	0.00255 UJ	0.0025 UJ	0.0025 UJ	0.251 J	0.0025 UJ	0.0025 U	0.0661 J	--	--	--	--
	1/3-4/07	--	--	--	--	--	--	--	--	--	--	--
	3/5-8/07	0.17	0.002 U	0.002 U	0.6	0.002 U	0.002 U	0.1	--	--	--	--
	11/5-9/07	0.085	0.002 U	0.002 U	0.098	0.002 U	0.002 U	0.24	--	--	--	--
	4/1-3/08	0.25	0.002 U	0.002 U	0.014	0.002 U	0.002 U	0.18	--	--	--	--
	10/27-30/08	0.007	0.002 U	0.002 U	0.28	0.002 U	0.002 U	0.085	--	--	--	--
	3/16-19/09	0.005 J	0.002 U	0.002 U	0.13 J	0.002 U	0.002 U	0.098	--	--	--	--
	9/14-17/09	0.01	0.002 U	0.002 U	0.11	0.002 U	0.002 U	0.18	--	--	--	--
	3/29-4/1/10	0.008 J	0.002 U	0.002 U	0.091 J	0.002 U	0.002 U	0.15	--	--	--	--
	10/5-7/10	0.002 U	0.002 U	0.002 U	0.051	0.002 U	0.002 U	0.12	--	--	--	--
	3/22-24/11	0.002 U	0.002 U	0.002 U	0.02 U	0.002 U	0.002 U	0.045	--	--	--	--
	9/27-29/11	0.0005 U	0.0005 U	0.0005 U	0.021	0.0005 U	0.0005 U	0.11	--	--	--	--
m-cresol (3-methylphenol) 0.716	3/20-22/12	0.0005 U	0.0005 U	0.0005 U	0.011	0.0005 U	0.0005 U	0.049	0.0005 U	0.0005 U	0.0005 U	0.0005 U
	9/25-27/12	0.0005 U	0.0005 U	0.0005 U	0.004 J	0.0005 U	0.0005 U	0.043 J	0.0005 U	0.001	0.0005 U	0.0005 U
	3/25-28/13	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.038	0.0005 U	0.0005 U	0.0005 U	0.0005 U
	9/24-26/13	0.0005 U	0.0005 U	0.0005 U	0.0007 J	0.0005 U	0.0005 U	0.023 J	0.0005 U	0.0005 U	0.0005 U	0.0005 U
	3/25-27/14	0.0005 U	0.0005 U	0.0005 U	0.008 J	0.0005 U	0.0005 U	0.015 J	0.0005 U	0.0005 U	0.0005 UJ	0.0005 U
	9/23-26/14	0.0005 U	0.0005 U	0.0005 U	0.029	0.0005 U	0.0005 U	0.004	0.0005 U	0.0005 U	0.0005 U	0.0005 U
	3/24-26/15	0.0005 U	0.0005 U	0.0005 U	0.07 J	0.0005 U	0.0005 U	0.007 J	0.0005 UJ	0.0005 UJ	0.0005 U	0.0005 U
	9/22-24/15	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.021 UJ	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.0005 U	0.0005 U	0.0005 UJ	0.0005 UJ
	3/22-24/16	0.0005 U	0.0005 U	0.0005 U	0.006	0.0005 U	0.0005 U	0.0008 J	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.0005 U
	9/27-29/16	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.007 J	0.0005 U	0.0005 UJ	0.0005 UJ	0.0005 U	0.0005 U	0.0005 U	0.0005 UJ
	3/28-30/17	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.0005 U	0.0005 UJ
	9/26-28/17	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
	3/20-22/18	0.0005 U	0.0005 U	0.0005 U	0.003	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
	9/25-27/18	0.002 UJ	0.002 U	0.002 U	0.14 J	0.002 UJ	0.002 UJ	0.002 UJ	0.002 UJ	0.002 UJ	0.002 U	0.002 UJ
	3/19-21/19	0.0005 U	0.0005 U	0.0005 U	0.11	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
	9/10-12/19	0.0005 U	0.0005 UJ	0.0005 UJ	0.2	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.0005 U	0.0005 U	0.0005 UJ	0.0005 UJ
	6/9-11/20	0.00051 UJ	0.00052 U	0.00051 U	0.070 J	0.00053 U	0.00052 UJ	0.00052 UJ	0.00054 UJ	0.00053 UJ	0.00050 UJ	0.00052 U
	11/2-5/20	0.00051 UJ	0.00050 UJ	0.00050 UJ	0.34 DJ	0.00053 UJ	0.00051 UJ	0.00053 UJ	0.00052 U	0.00053 U	0.00050 U	0.00051 UJ
	3/23-25/21	0.00052 UJ	0.00052 UJ	0.00052 UJ	0.28 J	0.00052 U	0.00051 UJ	0.00050 UJ	0.00056 UJ	0.00054 UJ	0.00053 UJ	0.00050 UJ
	9/21-23/21	0.00050 UJ	0.00053 UJ	0.00053 UJ	0.17 DJ	0.00052 U	0.00052 UJ	0.00053 UJ	0.00054 U	0.00054 U	0.00056 U	0.00052 U
	3/22-24/22	0.00052 U	0.00061 U	0.00065 U	0.27	0.00056 U	0.00067 U	0.00063 U	0.00061 U	0.00061 U	0.00062 U	0.00062 U
	9/26-28/22	0.00055 UJ	0.00060 UJ	0.00052 UJ	0.13 J	0.00053 UJ	0.00056 UJ	0.00056 UJ	0.00053 UJ	0.00052 UJ	0.00050 UJ	0.00050 UJ
p-cresol (4-methylphenol) 0.072	3/20-22/12	0.0005 U	0.0005 U	0.0005 U	0.047	0.0005 U	0.0005 U	0.019	0.0005 U	0.0005 U	0.0005 U	0.0005 U
	9/25-27/12	0.0005 U	0.0005 U	0.0005 U	0.025	0.0005 U	0.0005 U	0.016	0.0005 U	0.0005 U	0.0005 U	0.0005 U

Table 4. Current and Historical Analytical Results
Union Carbide Corporation,
Woodbine, Camden County, Georgia



Constituent GWPS	Sample Dates	MW-40	MW-43	MW-44	MW-45	MW-46	MW-47	MW-48	MW-49	MW-50	MW-51	MW-52
		non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC
		Deep	Deep	Shallow	Shallow	Deep	Shallow	Deep	Deep	Deep	Deep	Deep
p-cresol (4-methylphenol) (continued) 0.072	3/25-28/13	0.0005 U	0.0005 U	0.0005 U	0.037	0.0005 U	0.0005 U	0.013	0.0005 U	0.0005 U	0.0005 U	0.0005 U
	9/24-26/13	0.0005 U	0.0005 U	0.0005 U	0.034	0.0005 U	0.0005 U	0.009	0.0005 U	0.0005 U	0.0005 U	0.0005 U
	3/25-27/14	0.0005 U	0.0005 U	0.0005 U	0.023	0.0005 U	0.0005 U	0.007	0.0005 U	0.0005 U	0.0005 UJ	0.0005 U
	9/23-26/14	0.0005 U	0.0005 U	0.0005 U	0.008	0.0005 U	0.0005 U	0.002	0.0005 U	0.0005 U	0.0005 UJ	0.0005 UJ
	3/24-26/15	0.0005 U	0.0005 U	0.0005 U	0.012	0.0005 U	0.0005 U	0.003	0.0005 U	0.0005 U	0.0005 U	0.0005 U
	9/22-24/15	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.003 UJ	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.0005 UJ
	3/22-24/16	0.0005 U	0.0005 U	0.0005 U	0.007	0.0005 U	0.0005 U	0.0005 U	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.0005 U
	9/27-29/16	0.0005 U	0.0005 U	0.0005 U	0.005	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
	3/28-30/17	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.001 J	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.0005 UJ
	9/26-28/17	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.0005 U	0.0005 UJ	0.0005 UJ	0.0005 U	0.0005 U	0.0005 U	0.0005 UJ
	3/20-22/18	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.005 J	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.0005 U	0.0005 U	0.0005 U	0.0005 UJ
	9/25-27/18	0.002 UJ	0.002 U	0.002 U	0.22 J	0.002 UJ	0.002 UJ	0.002 UJ	0.002 UJ	0.002 UJ	0.002 U	0.002 UJ
	3/19-21/19	0.0005 U	0.0005 U	0.0005 U	0.17 D	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
	9/10-12/19	0.0005 U	0.0005 UJ	0.0005 UJ	0.12	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.0005 U	0.0005 U	0.0005 UJ	0.0005 UJ
	6/9-11/20	0.00051 U	0.00052 U	0.00051 U	0.057	0.00053 U	0.00052 U	0.00052 U	0.00054 U	0.00053 U	0.00050 UJ	0.00052 U
	11/2-5/20	0.00051 UJ	0.00050 UJ	0.00050 UJ	0.15 J	0.00053 UJ	0.00051 UJ	0.00053 UJ	0.00052 U	0.00053 U	0.00050 U	0.00051 UJ
	3/23-25/21	0.00052 UJ	0.00052 UJ	0.00052 UJ	0.098 J	0.00052 U	0.00051 UJ	0.00050 UJ	0.00056 UJ	0.00054 UJ	0.00053 UJ	0.00050 UJ
	9/21-23/21	0.00050 U	0.00053 U	0.00053 U	0.061	0.00052 U	0.00052 U	0.00053 U	0.00054 U	0.00054 U	0.00056 U	0.00052 U
	3/22-24/22	0.00052 U	0.00061 U	0.00065 U	0.14	0.00056 U	0.00067 U	0.00063 U	0.00061 U	0.00061 U	0.00062 U	0.00062 U
	9/26-28/22	0.00055 UJ	0.00060 UJ	0.00052 UJ	0.081 J	0.00053 UJ	0.00056 UJ	0.00056 UJ	0.00053 UJ	0.00052 UJ	0.00050 UJ	0.00050 UJ
Naphthalene 0.0010	11/24/97	--	--	--	--	--	--	--	--	--	--	--
	3/26/98	--	--	--	--	--	--	--	--	--	--	--
	5/28/98	--	--	--	--	--	--	--	--	--	--	--
	9/16/98	--	--	--	--	--	--	--	--	--	--	--
	11/19/98	--	--	--	--	--	--	--	--	--	--	--
	2/8/99	--	--	--	--	--	--	--	--	--	--	--
	5/11/99	--	--	--	--	--	--	--	--	--	--	--
	11/8-9/99	--	--	--	--	--	--	--	--	--	--	--
	4/18-19/00	--	--	--	--	--	--	--	--	--	--	--
	10/16/00	--	--	--	--	--	--	--	--	--	--	--
	4/10/01	--	--	--	--	--	--	--	--	--	--	--
	11/7-8/01	--	--	--	--	--	--	--	--	--	--	--
	4/16-17/02	--	--	--	--	--	--	--	--	--	--	--
	10/30-31/02	--	--	--	--	--	--	--	--	--	--	--
	4/21-24/03	--	--	--	--	--	--	--	--	--	--	--
	10/14-16/03	--	--	--	--	--	--	--	--	--	--	--
	4/20-21/04	--	--	--	--	--	--	--	--	--	--	--
	10/18-20/04	--	--	--	--	--	--	--	--	--	--	--
	4/26-27/05	--	--	--	--	--	--	--	--	--	--	--
	11/2-4/05	--	--	--	--	--	--	--	--	--	--	--
	5/30-7/5/06	0.000211 UJ	0.000211 U	0.000211 U	0.000211 UJ	0.000211 UJ	0.000211 U	0.00182 J	--	--	--	--
	10/23-11/9/06	0.00255 UJ	0.0025 U	0.0025 U	0.0025 UJ	0.0025 U	0.0025 U	0.00255 UJ	--	--	--	--
	1/3-4/07	--	--	--	--	--	--	--	--	--	--	--
	3/5-8/07	0.0009 U	0.0009 U	0.0009 U	0.0009 U	0.001 U	0.001 U	0.001 U	--	--	--	--
	11/5-9/07	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.007	--	--	--	--
	4/1-3/08	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.007	--	--	--	--
	10/27-30/08	0.001 U	0.001 U	0.001 U	0.0009 U	0.001 U	0.001 U	0.002 J	--	--	--	--
	3/16-19/09	0.001 U	0.001 U	0.0009 U	0.001 U	0.001 U	0.001 U	0.001 U	--	--	--	--
	9/14-17/09	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0009 U	--	--	--	--
	3/29-4/1/10	0.001 U	0.001 U	0.024	0.001 U	0.001 U	0.001 U	0.009	--	--	--	--

Table 4. Current and Historical Analytical Results
Union Carbide Corporation,
Woodbine, Camden County, Georgia



Constituent GWPS	Sample Dates	MW-40	MW-43	MW-44	MW-45	MW-46	MW-47	MW-48	MW-49	MW-50	MW-51	MW-52
		non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC
		Deep	Deep	Shallow	Shallow	Deep	Shallow	Deep	Deep	Deep	Deep	Deep
Naphthalene (continued) 0.0010	10/5-7/10	0.001 U	0.0009 U	0.001 U	0.001 U	0.001 U	0.001 U	0.01	--	--	--	--
	3/22-24/11	0.001 U	0.001 U	0.001 U	0.01 U	0.001 U	0.001 U	0.001 U	--	--	--	--
	9/27-29/11	0.0001 U	0.00009 U	0.0001 U	0.0001 J	0.0001 U	0.0002 J	0.0001 U	--	--	--	--
	3/20-22/12	0.0001 U	0.0001 U	0.00009 U	0.0001 U	0.0001 U	0.0002 J	0.00009 U	0.00009 U	0.0001 U	0.0001 U	0.00009 U
	9/25-27/12	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.00009 U	0.0002 J	0.0004	0.0001 U	0.0001 U	0.0001 U	0.0001 U
	3/25-28/13	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0002 J	0.0003	0.0001 U	0.00009 U	0.0001 U	0.0001 U
	9/24-26/13	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0009	0.0001 U	0.0001 U	0.0002	0.0001 U	0.0001 U
	3/25-27/14	0.0001 U	0.0001 U	0.0001 U	0.0001 J	0.0001 U	0.0002 J	0.0002 J	0.0001 U	0.0006	0.0001 UJ	0.00009 U
	9/23-26/14	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0002 J	0.00009 UJ	0.0001 U	0.00009 U	0.0001 U	0.00009 UJ
	3/24-26/15	0.0001 U	0.00009 U	0.00009 U	0.00009 U	0.0001 U	0.0002 J	0.00009 U	0.0001 UJ	0.00009 UJ	0.0001 U	0.00009 U
	9/22-24/15	0.00009 U	0.00009 U	0.0001 U	0.00009 U	0.0001 U	0.0001 J	0.0002	0.0001 U	0.0001 U	0.0001 U	0.00009 U
	3/22-24/16	0.00009 U	0.0001 U	0.00009 U	0.00009 U	0.00009 U	0.0001 U	0.0001 U	0.0001 U	0.00009 U	0.00009 U	0.00009 U
	9/27-29/16	0.00009 U	0.0001 U	0.0001 U	0.0001 J	0.0001 U	0.00009 U	0.0002 J	0.0001 U	0.00009 U	0.00009 U	0.00009 U
	3/28-30/17	0.00009 U	0.00009 U	0.0001 U	0.00009 U	0.00009 U	0.0001 U	0.0002	0.00009 U	0.00009 U	0.0001 U	0.00009 U
	9/26-28/17	0.00009 U	0.00009 U	0.00009 U	0.00009 U	0.00009 U	0.00009 U	0.0002	0.00009 U	0.00009 U	0.00009 U	0.00009 U
	3/20-22/18	0.00009 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.00009 U	0.0001 U
	9/25-27/18	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
	3/19-21/19	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.00009 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
	9/10-12/19	0.0001 U	0.0001 U	0.0001 J	0.0001 U	0.0001 U	0.0001 U	0.0001 UJ	0.0001 U	0.0001 U	0.0001 UJ	0.00009 UJ
	6/9-11/20	0.00010 U	0.00010 U	0.00010 U	0.00010 U	0.00011 U	0.00010 U	0.00010 U	0.00011 U	0.00011 U	0.00010 U	0.00010 U
	11/2-5/20	0.00010 U	0.00010 U	0.00010 U	0.00010 U	0.00011 U	0.00010 U	0.00010 U	0.00010 U	0.00011 U	0.00010 U	0.00010 U
	3/23-25/21	0.00010 U	0.00010 U	0.00010 U	0.00011 U	0.00011 U	0.00010 U	0.00010 U	0.00011 U	0.00011 U	0.00011 U	0.00010 U
	9/21-23/21	0.00010 U	0.00011 U	0.00011 U	0.00011 U	0.00010 U	0.00010 U	0.00051 J	0.00011 U	0.00011 U	0.00011 U	0.00010 U
	3/22-24/22	0.00010 U	0.00012 U	0.00013 U	0.00011 U	0.00011 U	0.00017 J	0.00013 U	0.00012 U	0.00012 U	0.00012 U	0.00014 J
	9/26-28/22	0.00011 U	0.00012 U	0.00010 U	0.00012 U	0.00011 U	0.00011 U	0.00011 U	0.00011 U	0.00010 U	0.00010 U	0.00010 U
Phenanthrene 0.011	11/7/07	--	--	--	--	--	--	--	--	--	--	--
	10/29/08	--	--	--	--	--	--	--	--	--	--	--
	9/16/09	--	--	--	--	--	--	--	--	--	--	--
	10/6/10	--	--	--	--	--	--	--	--	--	--	--
	9/29/11	--	--	--	--	--	--	--	--	--	--	--
	9/27/12	--	--	--	--	--	--	--	--	--	--	--
	9/26/13	--	--	--	--	--	--	--	--	--	--	--
	9/25/14	--	--	--	--	--	--	--	--	--	--	--
	3/24-26/15	--	--	--	--	--	--	--	--	--	--	--
	9/22-24/15	0.00009 U	0.00009 U	0.0001 U	0.00009 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.00009 U
	3/22-24/16	0.00009 U	0.0001 U	0.00009 U	0.00009 U	0.00009 U	0.0001 U	0.0001 U	0.0001 U	0.00009 U	0.00009 U	0.00009 U
	9/27-29/16	0.00009 U	0.0001 U	0.0001 U	0.00009 U	0.0001 U	0.00009 U	0.00009 U	0.0001 U	0.00009 U	0.00009 U	0.00009 U
	3/28-30/17	0.00009 U	0.00009 U	0.0001 U	0.00009 U	0.00009 U	0.0001 U	0.0001 U	0.00009 U	0.00009 U	0.0001 U	0.00009 U
	9/26-28/17	0.00009 U	0.00009 U	0.00009 U	0.00009 U	0.00009 U	0.00009 U	0.00009 U	0.00009 U	0.00009 U	0.00009 U	0.00009 U
	3/20-22/18	0.00009 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.00009 U	0.0001 U
	9/25-27/18	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
	3/19-21/19	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.00009 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
	9/10-12/19	0.0001 U	0.0001 U	0.0004 J	0.0001 U	0.0001 U	0.0001 U	0.0001 UJ	0.0001 U	0.0001 U	0.0001 UJ	0.00009 UJ
	6/9-11/20	0.00010 U	0.00010 U	0.00010 U	0.00010 U	0.00011 U	0.00010 U	0.00010 U	0.00011 U	0.00011 U	0.00010 U	0.00010 U
	11/2-5/20	0.00010 U	0.00010 U	0.00010 U	0.00010 U	0.00011 U	0.00010 U	0.00010 U	0.00010 U	0.00011 U	0.00010 U	0.00010 U
	3/23-25/21	0.00011 U	0.00011 U	0.00011 U	0.00012 U	0.00012 U	0.00011 U	0.00011 U	0.00012 U	0.00012 U	0.00012 U	0.00011 U
	9/21-23/21	0.00011 U	0.00012 U	0.00012 U	0.00012 U	0.00011 U	0.00011 U	0.00012 UJ	0.00012 U	0.00012 U	0.00012 U	0.00012 U
	3/22-24/22	0.00011 U	0.00013 U	0.00014 U	0.00012 U	0.00012 U	0.00048 J	0.00014 U	0.00014 U	0.00013 U	0.00014 U	0.00014 U
	9/26-28/22	0.00012 U	0.00013 U	0.00011 U	0.00013 U	0.00012 J	0.00012 U	0.00012 U	0.00012 U	0.00011 U	0.00011 U	0.00011 U
Phenol 4.475	11/24/97	--	--	--	--	--	--	--	--	--	--	--
	3/26/98	--	--	--	--	--	--	--	--	--	--	--

Table 4. Current and Historical Analytical Results
Union Carbide Corporation,
Woodbine, Camden County, Georgia



Constituent GWPS	Sample Dates	MW-40	MW-43	MW-44	MW-45	MW-46	MW-47	MW-48	MW-49	MW-50	MW-51	MW-52
		non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC
		Deep	Deep	Shallow	Shallow	Deep	Shallow	Deep	Deep	Deep	Deep	Deep
Phenol (continued) 4.475	5/28/98	--	--	--	--	--	--	--	--	--	--	--
	9/16/98	--	--	--	--	--	--	--	--	--	--	--
	11/19/98	--	--	--	--	--	--	--	--	--	--	--
	2/8/99	--	--	--	--	--	--	--	--	--	--	--
	5/11/99	--	--	--	--	--	--	--	--	--	--	--
	11/8-9/99	--	--	--	--	--	--	--	--	--	--	--
	4/18-19/00	--	--	--	--	--	--	--	--	--	--	--
	10/16/2000	--	--	--	--	--	--	--	--	--	--	--
	4/10/01	--	--	--	--	--	--	--	--	--	--	--
	11/7-8/01	--	--	--	--	--	--	--	--	--	--	--
	4/16-17/02	--	--	--	--	--	--	--	--	--	--	--
	10/30-31/02	--	--	--	--	--	--	--	--	--	--	--
	4/21-24/03	--	--	--	--	--	--	--	--	--	--	--
	10/14-16/03	--	--	--	--	--	--	--	--	--	--	--
	4/20-21/04	--	--	--	--	--	--	--	--	--	--	--
	10/18-20/04	--	--	--	--	--	--	--	--	--	--	--
	4/26-27/05	--	--	--	--	--	--	--	--	--	--	--
	11/2-4/05	--	--	--	--	--	--	--	--	--	--	--
	5/30-6/2/06	0.143	0.000132 UJ	0.000132 UJ	0.174	0.000132 U	0.000132 UJ	0.0762 J	--	--	--	--
	10/23-11/9/06	0.0268 J	0.0025 UJ	0.0025 UJ	0.328 J	0.0025 UJ	0.0025 U	0.0165 J	--	--	--	--
	1/3-4/07	--	--	--	--	--	--	--	--	--	--	--
	03/5-8/07	0.044	0.0009 U	0.0009 U	0.98	0.001 U	0.001 U	0.032	--	--	--	--
	11/5-9/07	0.033	0.001 U	0.001 U	0.027	0.001 U	0.001 U	0.1	--	--	--	--
	4/1-3/08	0.35	0.001 U	0.001 U	0.002 J	0.001 U	0.001 U	0.056	--	--	--	--
	10/27-30/08	0.001 U	0.001 U	0.001 U	0.65	0.001 U	0.001 U	0.021	--	--	--	--
	3/16-19/09	0.001 U	0.001 U	0.0009 U	0.2 J	0.001 U	0.001 U	0.025	--	--	--	--
	9/14-17/09	0.001 U	0.001 U	0.001 U	0.088	0.001 U	0.001 U	0.054	--	--	--	--
	3/29-4/1/10	0.001 U	0.001 U	0.001 U	0.055	0.001 U	0.001 U	0.033	--	--	--	--
	10/5-7/10	0.001 U	0.0009 U	0.001 U	0.019	0.001 U	0.001 U	0.034	--	--	--	--
	3/22-24/11	0.001 U	0.001 U	0.001 U	0.01 U	0.001 U	0.001 U	0.007	--	--	--	--
	9/27-29/11	0.0005 U	0.0005 U	0.0005 U	0.017	0.0005 U	0.0005 U	0.023	--	--	--	--
	3/20-22/12	0.0005 U	0.0005 U	0.0005 U	0.086	0.0005 U	0.0005 U	0.013	0.0005 U	0.0005 U	0.0005 U	0.0005 U
	9/25-27/12	0.0005 U	0.0005 U	0.0005 U	0.005	0.0005 U	0.0005 U	0.009	0.0005 U	0.0005 U	0.0005 U	0.0005 U
	3/25-28/13	0.0005 U	0.0005 U	0.0005 U	0.014	0.0005 U	0.0005 U	0.004	0.0005 U	0.0005 U	0.0005 U	0.0005 U
	9/24-26/13	0.0005 U	0.0005 U	0.0005 U	0.006	0.0005 U	0.0005 U	0.002	0.0005 U	0.0005 U	0.0005 U	0.0005 U
	3/25-27/14	0.0005 U	0.0005 U	0.0005 U	0.02	0.0005 U	0.0005 U	0.001	0.0005 U	0.0005 U	0.0005 UJ	0.0005 U
	9/23-26/14	0.0005 U	0.0005 U	0.0005 U	0.041	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
	3/24-26/15	0.0005 U	0.0005 U	0.0005 U	0.079	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
	9/22-24/15	0.0005 U	0.0005 U	0.0005 U	0.017	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
	3/22-24/16	0.0005 U	0.0005 U	0.0005 U	0.002	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
	9/27-29/16	0.0005 U	0.0005 U	0.0005 U	0.003	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
	3/28-30/17	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
	9/26-28/17	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
	3/20-22/18	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
	9/25-27/18	0.0005 U	0.0005 U	0.0005 U	0.45 D	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
	3/19-21/19	0.0005 U	0.0005 U	0.0005 U	0.21 D	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
	9/10-12/19	0.0005 U	0.0005 U	0.0005 U	0.32 D	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
	6/9-11/20	0.00051 U	0.00051 U	0.00051 U	0.180 D	0.00053 U	0.00052 U	0.00052 U	0.00054 U	0.00053 U	0.00050 U	0.00052 U
	11/2-5/20	0.00051 U	0.00050 U	0.00050 U	0.5 D	0.00053 U	0.00051 U	0.00052 U	0.00052 U	0.00053 U	0.00050 U	0.00051 U

Table 4. Current and Historical Analytical Results
Union Carbide Corporation,
Woodbine, Camden County, Georgia



Constituent GWPS	Sample Dates	MW-40	MW-43	MW-44	MW-45	MW-46	MW-47	MW-48	MW-49	MW-50	MW-51	MW-52
		non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC
		Deep	Deep	Shallow	Shallow	Deep	Shallow	Deep	Deep	Deep	Deep	Deep
Phenol (continued) 4.475	3/23-25/21	0.00052 U	0.00052 U	0.00052 U	0.51 D	0.00053 U	0.00051 U	0.00050 U	0.00056 U	0.00054 U	0.00053 U	0.00050 U
	9/21-23/21	0.00050 U	0.00053 U	0.00053 U	0.29 D	0.00052 U	0.00052 U	0.00053 U	0.00054 U	0.00054 U	0.00055 U	0.00052 U
	3/22-24/22	0.00052 U	0.00061 U	0.00065 U	0.38 D	0.00056 U	0.00067 U	0.00063 U	0.00061 U	0.00061 U	0.00062 U	0.00062 U
	9/26-28/22	0.00055 U	0.00060 U	0.00052 U	0.092	0.00053 U	0.00056 U	0.00056 U	0.00053 U	0.00052 U	0.00050 U	0.00050 U
Pyridine 0.015	10/30-31/02	--	--	--	--	--	--	--	--	--	--	--
	10/14-16/03	--	--	--	--	--	--	--	--	--	--	--
	10/18-20/04	--	--	--	--	--	--	--	--	--	--	--
	1/19/06	--	--	--	--	--	--	--	--	--	--	--
	5/30-6/2/06	0.00365 U	0.00365 UJ	0.00365 UJ	0.00365 U	0.00365 U	0.00365 UJ	0.00365 UJ	--	--	--	--
	10/23-11/9/06	0.0255 UJ	0.025 UJ	0.025 UJ	0.025 UJ	0.025 UJ	0.025 U	0.0255 UJ	--	--	--	--
	1/3-4/07	--	--	--	--	--	--	--	--	--	--	--
	03/5-8/07	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	--	--	--	--
	11/5-9/07	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.044	--	--	--	--
	4/1-3/08	0.002 J	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.034	--	--	--	--
	10/27-30/08	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	--	--	--	--
	3/16-19/09	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	--	--	--	--
	9/14-17/09	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	--	--	--	--
	3/29-4/1/10	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	--	--	--	--
	10/5-7/10	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	--	--	--	--
	3/22-24/11	0.002 U	0.002 U	0.002 U	0.02 U	0.002 U	0.002 U	0.002 U	--	--	--	--
	9/27-29/11	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	--	--	--	--
	3/20-22/12	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
	9/25-27/12	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.014	0.002 U	0.002 U	0.002 U	0.002 U
	3/25-28/13	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.009	0.002 U	0.002 U	0.002 U	0.002 U
	9/24-26/13	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
	3/25-27/14	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 UJ	0.002 U
	9/23-26/14	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
	3/24-26/15	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
	9/22-24/15	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
	3/22-24/16	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
	9/27-29/16	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
	3/28-30/17	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
	9/26-28/17	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.003 J	0.002 U	0.002 U	0.002 U	0.002 U
	3/20-22/18	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.004 J	0.002 U	0.002 U	0.002 U	0.002 U
	9/25-27/18	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
	3/19-21/19	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
	9/10-12/19	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.003 J	0.002 U	0.002 U	0.002 UJ	0.002 UJ
	6/9-11/20	0.0020 U	0.0020 U	0.0020 U	0.0021 U	0.0021 U	0.0021 U	0.0025 J	0.0022 U	0.0021 U	0.0020 U	0.0021 U
	11/2-5/20	0.0020 U	0.0020 U	0.0020 U	0.0021 U	0.0021 U	0.0021 U	0.0021 J	0.0021 U	0.0021 U	0.0020 U	0.0020 U
	3/23-25/21	0.0021 U	0.0021 U	0.0021 U	0.0022 U	0.0021 U	0.0020 U	0.0020 U	0.0022 U	0.0022 U	0.0021 R	0.0020 R
	9/21-23/21	0.0020 U	0.0021 U	0.0021 U	0.0022 U	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.0022 U	0.0022 U	0.0021 U
	3/22-24/22	0.0021 U	0.0024 U	0.0026 U	0.0021 U	0.0022 U	0.0027 U	0.0027 J	0.0025 U	0.0024 U	0.0025 U	0.0025 U
	9/26-28/22	0.0022 U	0.0024 U	0.0021 U	0.0024 U	0.0021 U	0.0022 U	0.0023 U	0.0021 U	0.0021 U	0.0020 U	0.0020 U
Formaldehyde 0.0020	10/30-31/02	--	--	--	--	--	--	--	--	--	--	--
	10/14-16/03	--	--	--	--	--	--	--	--	--	--	--
	10/18-20/04	--	--	--	--	--	--	--	--	--	--	--
	11/3/05	--	--	--	--	--	--	--	--	--	--	--
	1/19/06	--	--	--	--	--	--	--	--	--	--	--
	10/23-11/9/06	0.132	0.0305 J	0.0606	0.0319 J	0.0508	0.0627 J	0.338	--	--	--	--
	3/5-8/07	0.14 J	0.027 J	0.074 J	0.05 J	0.015 J	0.073 J	0.3 J	--	--	--	--
	11/5-9/07	0.18	0.13 J	0.2 J	0.059	0.028 J	0.039 J	0.75 J	--	--	--	--

Table 4. Current and Historical Analytical Results
Union Carbide Corporation,
Woodbine, Camden County, Georgia



Constituent GWPS	Sample Dates	MW-40	MW-43	MW-44	MW-45	MW-46	MW-47	MW-48	MW-49	MW-50	MW-51	MW-52
		non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC
		Deep	Deep	Shallow	Shallow	Deep	Shallow	Deep	Deep	Deep	Deep	Deep
Formaldehyde (continued) 0.0020	4/1-3/08	0.043 J	0.026 J	0.12	0.14	0.038 J	0.16	0.44	--	--	--	--
	10/27-30/08	0.14	0.055	0.095	0.033 J	0.038 J	0.16	0.35	--	--	--	--
	3/16-19/09	0.12	0.012 J	0.038 J	0.027 J	0.01 J	0.039 J	0.13	--	--	--	--
	9/14-17/09	0.15	0.017 J	0.11	0.083	0.037 J	0.042 J	0.44	--	--	--	--
	3/29-4/1/10	0.25 J	0.024 J	0.11	0.079 J	0.13 J	0.041 J	0.4	--	--	--	--
	10/5-7/10	0.23	0.032 J	0.19	0.21	0.13	0.033 J	0.62	--	--	--	--
	3/22-24/11	0.17	0.01 U	0.054	0.25	0.03 J	0.023 J	0.46	--	--	--	--
	9/27-29/11	0.098	0.01 U	0.049 J	0.075	0.032 J	0.02 J	0.38	--	--	--	--
	3/20-22/12	0.098	0.01 U	0.028 J	0.078	0.012 J	0.01 U	0.15	0.046 J	0.04 J	0.01 U	0.02 J
	9/25-27/12	0.17	0.013 J	0.01 U	0.1	0.012 J	0.022 J	0.42	0.02 J	0.017 J	0.04 J	0.048 J
	3/25-28/13	0.11	0.03 U	0.036 J	0.12	0.03 U	0.03 U	0.23	0.047 J	0.063	0.08	0.03 U
	9/24-26/13	0.19	0.01 U	0.11	0.33	0.01 U	0.01 U	0.27	0.01 U	0.01 U	0.036 U	0.057 U
	3/25-27/14	0.079	0.01 U	0.026 J	0.09	0.033 J	0.01 U	0.075	0.043 J	0.04 J	0.013 J	0.012 J
	9/23-26/14	0.071	0.01 U	0.069	0.11	0.012 J	0.013 J	0.096	0.042 J	0.035 J	0.029 J	0.016 J
	3/24-26/15	0.094	0.01 U	0.021 J	0.07	0.01 U	0.011 J	0.11	0.025 J	0.046 J	0.017 J	0.015 J
	9/22-24/15	0.13	0.014 J	0.061	0.16	0.03 J	0.026 J	0.25	0.01 U	0.01 U	0.018 J	0.04 J
	3/22-24/16	0.12	0.01 U	0.07	0.14	0.018 J	0.016 J	0.22	0.032 J	0.029 J	0.019 J	0.023 J
	9/27-29/16	0.084	0.027 J	0.069	0.077	0.03 J	0.03 J	0.18	0.043 J	0.037 J	0.047 J	0.035 J
	3/28-30/17	0.066 J	0.01 U	0.01 U	0.094 J	0.01 U	0.01 U	0.19 J	0.01 U	0.01 U	0.01 U	0.01 U
	9/26-28/17	0.2	0.11	0.13	0.3	0.032 J	0.04 J	0.69	0.068	0.046 J	0.028 J	0.071
	3/20-22/18	0.1	0.05 U	0.05 U	0.13	0.05 U	0.05 U	0.24	0.05 U	0.05 U	0.027 J	0.05 U
	9/25-27/18	0.2	0.02 U	0.051	0.14	0.034 J	0.068	0.72	0.07	0.13	0.02 U	0.072
	3/19-21/19	0.11	0.035 J	0.12	0.099	0.033 J	0.033 J	0.72	0.084	0.062	0.022 J	0.053
	9/10-12/19	0.068	0.025 J	0.052	0.055	0.021 J	0.029 J	0.2	0.056	0.052	0.033 J	0.059
	6/9-11/20	0.053 J	0.022 J	0.029 J	0.020 UJ	0.021 J	0.021 J	0.071 J	0.050 UBJ	0.050 UBJ	0.020 U	0.022 J
	11/2-5/20	0.021 J	0.02 UJ	0.02 UJ	0.02 U	0.02 U	0.02 U	0.05	0.02 U	0.02 U	0.02 UJ	0.02 UJ
	3/23-25/21	0.034 J	0.027 U	0.027 U	0.027 U	0.027 U	0.041 J	0.061	0.027 U	0.027 U	0.027 U	0.027 U
	9/21-23/21	0.11 J	0.027 U	0.034 J	0.27 U	0.027 U	0.027 U	0.13 J	0.032 J	0.027 U	0.027 U	0.027 U
	3/22-24/22	0.061	0.051 J	0.13	0.032 J	0.11 U	0.045 J	0.6	0.11 U	0.11 U	0.034 J	0.046 J
	9/26-28/22	0.110	0.031 J	0.12	0.054 U	0.027 U	0.027 U	0.520	0.180	0.083	0.037 J	0.027 U
Aldicarb 0.015	11/24/97	--	--	--	--	--	--	--	--	--	--	--
	3/26/98	--	--	--	--	--	--	--	--	--	--	--
	5/28/98	--	--	--	--	--	--	--	--	--	--	--
	9/16/98	--	--	--	--	--	--	--	--	--	--	--
	11/19/98	--	--	--	--	--	--	--	--	--	--	--
	2/8/99	--	--	--	--	--	--	--	--	--	--	--
	5/11/99	--	--	--	--	--	--	--	--	--	--	--
	11/8-9/99	--	--	--	--	--	--	--	--	--	--	--
	4/18-19/00	--	--	--	--	--	--	--	--	--	--	--
	10/16/2000	--	--	--	--	--	--	--	--	--	--	--
	4/10/01	--	--	--	--	--	--	--	--	--	--	--
	11/7-8/01	--	--	--	--	--	--	--	--	--	--	--
	4/16-17/02	--	--	--	--	--	--	--	--	--	--	--
	10/30-31/02	--	--	--	--	--	--	--	--	--	--	--
	4/21-24/03	--	--	--	--	--	--	--	--	--	--	--
	10/14-16/03	--	--	--	--	--	--	--	--	--	--	--
	4/20-21/04	--	--	--	--	--	--	--	--	--	--	--
	10/18-20/04	--	--	--	--	--	--	--	--	--	--	--
	4/26-27/05	--	--	--	--	--	--	--	--	--	--	--
	11/2-4/05	--	--	--	--	--	--	--	--	--	--	--

Table 4. Current and Historical Analytical Results
Union Carbide Corporation,
Woodbine, Camden County, Georgia



Constituent GWPS	Sample Dates	MW-40	MW-43	MW-44	MW-45	MW-46	MW-47	MW-48	MW-49	MW-50	MW-51	MW-52
		non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC
		Deep	Deep	Shallow	Shallow	Deep	Shallow	Deep	Deep	Deep	Deep	Deep
Aldicarb (continued) 0.015	5/30-6/2/06	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	--	--	--	--
	10/23-11/9/06	0.002 U	0.002 U	0.002 U	0.002 U	--	0.002 U	0.002 U	--	--	--	--
	1/3-4/07	--	--	0.002 UJ	--	0.002 UJ	--	--	--	--	--	--
	3/5-8/07	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	--	--	--	--
	11/5-9/07	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	--	--	--	--
	4/1-3/08	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.022	--	--	--	--
	10/27-30/08	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	--	--	--	--
	3/16-19/09	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	--	--	--	--
	9/14-17/09	0.002 U	0.002 U	0.002 U	0.0028 U	0.002 U	0.002 U	0.0027 U	--	--	--	--
	3/29-4/1/10	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	--	--	--	--
	10/5-7/10	0.001 U	0.001 U	0.001 U	0.0014 U	0.001 U	0.001 U	0.0054 U	--	--	--	--
	3/22-24/11	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	--	--	--	--
	9/27-29/11	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0074 U	--	--	--	--
	3/20-22/12	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0027 U	0.001 U	0.001 U	0.001 U	0.001 U
	9/25-27/12	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0047 U	0.001 U	0.001 U	0.001 U	0.001 U
	3/25-28/13	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0031 U	0.001 U	0.001 U	0.001 U	0.001 U
	9/24-26/13	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
	3/25-27/14	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
	9/23-26/14	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
	3/24-26/15	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
	9/22-24/15	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
	3/22-24/16	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
	9/27-29/16	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
	3/28-30/17	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
	9/26-28/17	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0014 U	0.001 U	0.001 U	0.001 U	0.001 U
	3/20-22/18	0.00054 U	0.00054 U	0.00054 U	0.00054 U	0.00054 U	0.00054 U	0.00054 U	0.00054 U	0.00054 U	0.00054 U	0.00054 U
	9/25-27/18	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 UJ	0.001 U	0.001 U	0.001 U	0.001 U
	3/19-21/19	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
	9/10-12/19	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
	6/9-11/20	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U
	11/2-5/20	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U
	3/23-25/21	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U
	9/21-23/21	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U
	3/22-24/22	0.0012 UJ	0.0012 U	0.0012 U	0.0012 UJ	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U
	9/26-28/22	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U
Barium 1.0	11/24/97	--	--	--	--	--	--	--	--	--	--	--
	3/26/98	--	--	--	--	--	--	--	--	--	--	--
	5/28/98	--	--	--	--	--	--	--	--	--	--	--
	9/16/98	--	--	--	--	--	--	--	--	--	--	--
	11/19/98	--	--	--	--	--	--	--	--	--	--	--
	2/8/99	--	--	--	--	--	--	--	--	--	--	--
	5/11/99	--	--	--	--	--	--	--	--	--	--	--
	11/8-9/99	--	--	--	--	--	--	--	--	--	--	--
	4/18-19/00	--	--	--	--	--	--	--	--	--	--	--
	10/16/00	--	--	--	--	--	--	--	--	--	--	--
	4/10/01	--	--	--	--	--	--	--	--	--	--	--
	11/7-8/01	--	--	--	--	--	--	--	--	--	--	--
	4/16-17/02	--	--	--	--	--	--	--	--	--	--	--
	10/30-31/02	--	--	--	--	--	--	--	--	--	--	--
	4/21-24/03	--	--	--	--	--	--	--	--	--	--	--
	10/14-16/03	--	--	--	--	--	--	--	--	--	--	--

Table 4. Current and Historical Analytical Results
Union Carbide Corporation,
Woodbine, Camden County, Georgia



Constituent GWPS	Sample Dates	MW-40	MW-43	MW-44	MW-45	MW-46	MW-47	MW-48	MW-49	MW-50	MW-51	MW-52
		non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC
		Deep	Deep	Shallow	Shallow	Deep	Shallow	Deep	Deep	Deep	Deep	Deep
Barium (continued) 1.0	4/20-21/04	--	--	--	--	--	--	--	--	--	--	--
	10/18-20/04	--	--	--	--	--	--	--	--	--	--	--
	4/26-27/05	--	--	--	--	--	--	--	--	--	--	--
	11/2-4/05	--	--	--	--	--	--	--	--	--	--	--
	5/30-6/2/06	0.087	0.092 J	0.05 J	0.052	0.018	0.045 J	0.6 J	--	--	--	--
	10/23-11/9/06	0.0845 J	0.802	0.0435	0.0463 J	0.00945 J	0.0302	0.322	--	--	--	--
	3/5-8/07	0.089	0.0345	0.0493	0.0392	0.0073	0.0362	0.294	--	--	--	--
	11/5-9/07	0.104	0.0331	0.041	0.0498	0.007 U	0.0217	0.557	--	--	--	--
	4/1-3/08	0.0616	0.0308	0.0428	0.117	0.0076	0.0268	0.443	--	--	--	--
	10/27-30/08	0.112	0.0238	0.0416	0.0524	0.0086	0.0383	0.23	--	--	--	--
	3/16-19/09	0.117	0.0204 U	0.0331 U	0.0452	0.0071	0.0304 U	0.256 U	--	--	--	--
	9/14-17/09	0.115	0.019	0.0322	0.0851	0.0082	0.0235	0.383	--	--	--	--
	3/29-4/1/10	0.114	0.0195	0.0267	0.0436	0.0084	0.0234	0.384	--	--	--	--
	10/5-7/10	0.113	0.0179	0.0277	0.0506	0.0071	0.0188	0.32	--	--	--	--
	3/22-24/11	0.117	0.0164	0.0306	0.0591	0.0074	0.0217	0.197	--	--	--	--
	9/27-29/11	0.109	0.0223	0.0329	0.0504	0.0074	0.0176	0.297	--	--	--	--
	3/20-22/12	0.102	0.0198 U	0.0294 U	0.0666	0.0116 U	0.0198 U	0.171	0.0172	0.0205	0.0457	0.0245 U
	9/25-27/12	0.102	0.0219	0.0279	0.078	0.007	0.0177	0.181	0.0183	0.0237	0.0103	0.0235
	3/25-28/13	0.113	0.0206	0.0337	0.0672	0.0071	0.0187	0.173	0.0189	0.0216	0.0086	0.0241
	9/24-26/13	0.119	0.0337	0.042	0.0728	0.0078 U	0.0169	0.16	0.0201	0.0232	0.0086	0.0261
	3/25-27/14	0.108	0.0262	0.0385	0.0757	0.0071	0.0176	0.142	0.0202	0.024	0.0081	0.0248
	9/23-26/14	0.107	0.072	0.0412	0.0745	0.0075	0.0204	0.132	0.0192	0.026	0.0083	0.0242
	3/24-26/15	0.103	0.0536	0.0283	0.0485	0.0075	0.0188	0.121	0.0208	0.0257	0.0072	0.0234
	9/22-24/15	0.106	0.0469	0.0306	0.0411	0.0071	0.0181	0.127	0.0215	0.0264	0.0067	0.0242
	3/22-24/16	0.107	0.0662	0.031	0.0474	0.0075 U	0.0192	0.135	0.0259	0.028	0.0073	0.0234
	9/27-29/16	0.104	0.0545	0.0359	0.0442	0.0072	0.0173	0.131	0.0215	0.0274	0.0074	0.0231
	3/28-30/17	0.106	0.0618	0.0369	0.0583	0.0068	0.0194	0.159	0.0218	0.024	0.0072	0.0258
	9/26-28/17	0.106 U	0.068 U	0.0429 U	0.0469 U	0.0077	0.0189 U	0.18 U	0.0236	0.0237	0.0069	0.0244 U
	3/20-22/18	0.104	0.0527	0.0327	0.0535	0.0066	0.0159	0.215	0.0228	0.0222	0.0078	0.0244
	9/25-27/18	0.104	0.0576	0.0359	0.0484	0.007	0.0153	0.156	0.0272	0.0214	0.0071	0.0228
	3/19-21/19	0.0987	0.0681	0.046	0.0389	0.0077	0.0167	0.0959	0.0227	0.0217	0.0051	0.023
	9/10-12/19	0.102	0.077	0.0397	0.0316	0.006	0.135 J	0.0168	0.0218	0.0208	0.007	0.0234
	6/9-11/20	0.10	0.088	0.039	0.016	0.0071	0.017	0.058	0.026	0.020	0.0065	0.026
	11/2-5/20	0.096	0.075	0.035	0.038	0.0074	0.016	0.057	0.025	0.022	0.0067	0.024
	3/23-25/21	0.094	0.079	0.034	0.037	0.0078	0.014	0.054	0.025	0.020	0.0067	0.024
	9/21-23/21	0.090	0.079	0.033	0.028	0.0069	0.011	0.057	0.026	0.020	0.011	0.022
	3/22-24/22	0.081	0.068	0.036	0.049	0.0075	0.013	0.054	0.024	0.020	0.0072	0.024
	9/26-28/22	0.082	0.068	0.032	0.030	0.0064	0.013	0.050	0.025	0.019	0.0067	0.025
Chromium 0.05	11/24/97	--	--	--	--	--	--	--	--	--	--	--
	3/26/98	--	--	--	--	--	--	--	--	--	--	--
	5/28/98	--	--	--	--	--	--	--	--	--	--	--
	9/16/98	--	--	--	--	--	--	--	--	--	--	--
	11/19/98	--	--	--	--	--	--	--	--	--	--	--
	2/8/99	--	--	--	--	--	--	--	--	--	--	--
	5/11/99	--	--	--	--	--	--	--	--	--	--	--
	11/8-9/99	--	--	--	--	--	--	--	--	--	--	--
	4/18-19/00	--	--	--	--	--	--	--	--	--	--	--
	10/16/2000	--	--	--	--	--	--	--	--	--	--	--
	4/10/01	--	--	--	--	--	--	--	--	--	--	--
	11/7-8/01	--	--	--	--	--	--	--	--	--	--	--
	4/16-17/02	--	--	--	--	--	--	--	--	--	--	--

Table 4. Current and Historical Analytical Results
Union Carbide Corporation,
Woodbine, Camden County, Georgia



Constituent GWPS	Sample Dates	MW-40	MW-43	MW-44	MW-45	MW-46	MW-47	MW-48	MW-49	MW-50	MW-51	MW-52
		non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC
		Deep	Deep	Shallow	Shallow	Deep	Shallow	Deep	Deep	Deep	Deep	Deep
Chromium (continued) 0.05	10/30-31/02	--	--	--	--	--	--	--	--	--	--	--
	4/21-24/03	--	--	--	--	--	--	--	--	--	--	--
	10/14-16/03	--	--	--	--	--	--	--	--	--	--	--
	4/20-21/04	--	--	--	--	--	--	--	--	--	--	--
	10/18-20/04	--	--	--	--	--	--	--	--	--	--	--
	4/26-27/05	--	--	--	--	--	--	--	--	--	--	--
	11/2-4/05	--	--	--	--	--	--	--	--	--	--	--
	5/30-6/2/06	0.0005 U	0.012	0.00077 J	0.0005 U	0.0005 U	0.0028 J	0.021	--	--	--	--
	10/23-11/9/06	0.00364 U	0.301	0.0025 U	0.00413 U	0.0025 U	0.0025 U	0.00915	--	--	--	--
	3/5-8/07	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0088 J	--	--	--	--
	11/5-9/07	0.0023 J	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0163	--	--	--	--
	4/1-3/08	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0108 U	--	--	--	--
	10/27-30/08	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.0073 J	--	--	--	--
	3/16-19/09	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.0081 J	--	--	--	--
	9/14-17/09	0.0034 U	0.0034 U	0.0034 U	0.0034 U	0.0034 U	0.0034 U	0.0162	--	--	--	--
	3/29-4/1/10	0.0034 U	0.0034 U	0.0034 U	0.0034 U	0.0034 U	0.0034 U	0.0169	--	--	--	--
	10/5-7/10	0.0034 U	0.0034 U	0.0034 U	0.0034 U	0.0034 U	0.0034 U	0.0167	--	--	--	--
	3/22-24/11	0.0034 U	0.0034 U	0.0034 U	0.0034 U	0.0034 U	0.0034 U	0.007 J	--	--	--	--
	9/27-29/11	0.0011 U	0.0011 U	0.0011 U	0.0032 J	0.0011 U	0.0011 U	0.0166	--	--	--	--
	3/20-22/12	0.0016 J	0.0011 U	0.0011 U	0.0021 J	0.0011 U	0.0012 J	0.0092 J	0.0011 U	0.0011 U	0.184	0.0011 U
	9/25-27/12	0.002 U	0.0011 U	0.0012 U	0.0022 U	0.0011 U	0.0013 U	0.0115 J	0.0011 U	0.0011 U	0.0018 U	0.0011 U
	3/25-28/13	0.0081 J	0.0011 U	0.0011 U	0.002 J	0.0011 U	0.0022 J	0.0102 J	0.0011 U	0.0011 U	0.0032 J	0.0011 U
	9/24-26/13	0.0016 U	0.0016 U	0.0016 U	0.0016 U	0.0016 U	0.0016 U	0.0066 U	0.0016 U	0.0016 U	0.0055 J	0.0016 U
	3/25-27/14	0.0028 J	0.0016 U	0.0016 U	0.0027 J	0.0016 U	0.0016 U	0.0078 J	0.0016 U	0.0016 U	0.0029 J	0.0016 U
	9/23-26/14	0.0022 J	0.0013 U	0.0013 U	0.0027 J	0.0013 U	0.0013 U	0.0067 J	0.0013 U	0.0013 U	0.0077 J	0.0013 U
	3/24-26/15	0.0018 J	0.0013 U	0.0022 J	0.0021 J	0.0013 U	0.0014 J	0.0104 J	0.0013 U	0.0013 U	0.0013 U	0.0014 J
	9/22-24/15	0.0027 J	0.0015 U	0.0021 J	0.0024 J	0.0015 U	0.0022 J	0.0063 J	0.0015 U	0.0015 U	0.0021 J	0.0015 J
	3/22-24/16	0.0023 J	0.002 U	0.002 U	0.0024 J	0.002 U	0.002 U	0.0083 J	0.002 U	0.002 U	0.002 U	0.002 U
	9/27-29/16	0.0018 U	0.0018 U	0.0018 U	0.0018 U	0.0018 U	0.0018 U	0.0065 J	0.0018 U	0.0018 U	0.0018 U	0.0018 U
	3/28-30/17	0.0018 J	0.0018 U	0.0018 U	0.0027 J	0.0018 U	0.0019 J	0.0065 J	0.0018 U	0.0018 U	0.002 J	0.013 J
	9/26-28/17	0.0033 U	0.0033 U	0.0033 U	0.0033 U	0.0033 U	0.0033 U	0.015 U	0.0033 U	0.0033 U	0.0033 U	0.0033 U
	3/20-22/18	0.0033 U	0.0033 U	0.0033 U	0.0033 U	0.0033 U	0.0033 U	0.0052 J	0.0033 U	0.0033 U	0.0033 U	0.0033 U
	9/25-27/18	0.0053 U	0.0053 U	0.0053 U	0.0053 U	0.0053 U	0.0053 U	0.0150 UB	0.0053 U	0.0053 U	0.0053 U	0.0053 U
	3/19-21/19	0.0053 U	0.0053 U	0.0053 U	0.0053 U	0.0053 U	0.0053 U	0.015 UB	0.0053 U	0.0053 U	0.0053 U	0.0053 U
	9/10-12/19	0.0035 J	0.0016 U	0.0150 UB	0.0017 J	0.0150 UB	0.0109 J	0.0150 UB	0.0016 U	0.0016 U	0.0016 J	0.0016 U
	6/9-11/20	0.0016 U	0.0016 U	0.0016 U	0.0016 U	0.0016 U	0.0016 U	0.0035 J	0.0016 U	0.0016 U	0.0016 U	0.0016 U
	11/2-5/20	0.0016 U	0.0016 U	0.0016 U	0.0016 U	0.0016 U	0.0016 U	0.0036 J	0.0016 U	0.0016 U	0.0016 U	0.0016 U
	3/23-25/21	0.0016 U	0.0016 U	0.0016 U	0.0023 J	0.0016 U	0.0016 U	0.0041 J	0.0016 U	0.0016 U	0.0028 J	0.0023 J
	9/21-23/21	0.0016 U	0.0016 U	0.0016 U	0.0029 J	0.0016 U	0.0017 J	0.0034 J	0.0016 U	0.0016 U	0.0016 U	0.0018 J
	3/22-24/22	0.0031 J	0.0030 U	0.0030 U	0.0030 U	0.0030 U	0.0030 U	0.0069 J	0.0030 U	0.0030 U	0.0030 U	0.0030 U
	9/26-28/22	0.0030 U	0.0030 U	0.0030 U	0.0030 U	0.0030 U	0.0030 U	0.0071 J	0.0030 U	0.0030 U	0.0030 U	0.0030 U
Nickel 0.10	10/26/06	--	--	--	--	--	--	--	--	--	--	--
	3/7/07	--	--	--	--	--	--	--	--	--	--	--
	11/5-9/07	0.0056 U	0.0056 U	0.0056 U	0.0056 U	0.0056 U	0.0056 U	0.0056 U	--	--	--	--
	4/1-3/08	0.0056 U	0.0056 U	0.0056 U	0.0056 U	0.0056 U	0.0056 U	0.0056 U	--	--	--	--
	10/27-30/08	0.0056 U	0.0056 U	0.0056 U	0.0056 U	0.0056 U	0.0056 U	0.0056 U	--	--	--	--
	3/16-19/09	0.0056 U	0.0056 U	0.0056 U	0.0056 U	0.0056 U	0.0056 U	0.0056 U	--	--	--	--
	9/14-17/09	0.0018 U	0.0018 U	0.0018 U	0.0018 U	0.0018 U	0.0018 U	0.0018 U	--	--	--	--
	3/29-4/1/10	0.0018 U	0.0018 U	0.0018 U	0.0018 U	0.0018 U	0.0018 U	0.0018 U	--	--	--	--
	10/5-7/10	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	--	--	--	--

Table 4. Current and Historical Analytical Results
Union Carbide Corporation,
Woodbine, Camden County, Georgia



Constituent GWPS	Sample Dates	MW-40	MW-43	MW-44	MW-45	MW-46	MW-47	MW-48	MW-49	MW-50	MW-51	MW-52
		non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC
		Deep	Deep	Shallow	Shallow	Deep	Shallow	Deep	Deep	Deep	Deep	Deep
Nickel (continued) 0.10	3/22-24/11	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	--	--	--	--
	9/27-29/11	0.00095 U	0.00095 U	0.00095 U	0.00095 U	0.00095 U	0.00095 U	0.00095 U	--	--	--	--
	3/20-22/12	0.00095 U	0.00095 U	0.00095 U	0.00095 U	0.00095 U	0.00095 U	0.00095 U	0.00095 U	0.00095 U	0.025	0.00095 U
	9/25-27/12	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
	3/25-28/13	0.0026 J	0.0011 U	0.0011 U	0.0017 J	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0014 J	0.0011 U
	9/24-26/13	0.0015 U	0.0015 U	0.0026 J	0.0015 U	0.0015 U	0.0015 U	0.0015 U	0.0015 U	0.0015 U	0.0015 U	0.0015 U
	3/25-27/14	0.0023 U	0.0015 U	0.0018 U	0.0015 U	0.0015 U	0.0015 U	0.0015 U	0.0015 U	0.0015 U	0.0015 U	0.0015 U
	9/23-26/14	0.0016 U	0.0016 U	0.0016 U	0.002 J	0.0016 U	0.0016 U	0.0016 U	0.0016 U	0.0016 U	0.0026 J	0.0016 U
	3/24-26/15	0.0016 U	0.0016 U	0.0016 U	0.0016 U	0.0016 U	0.0016 U	0.0027 J	0.0016 U	0.0016 U	0.0016 U	0.0016 U
	9/22-24/15	0.0013 U	0.0013 U	0.0013 U	0.0042 J	0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0014 U	0.0013 U
	3/22-24/16	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0045 J	0.0025 U	0.0025 U	0.0025 U	0.0025 U
	9/27-29/16	0.0028 U	0.0028 U	0.0028 U	0.0028 U	0.0028 U	0.0028 U	0.0028 U	0.0028 U	0.0028 U	0.0028 U	0.0028 U
	3/28-30/17	0.0028 U	0.0028 U	0.0028 U	0.0028 U	0.0028 U	0.0028 U	0.0028 U	0.0028 U	0.0028 U	0.0028 U	0.0036 J
	9/26-28/17	0.004 U	0.004 U	0.004 U	0.0062 J	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U
	3/20-22/18	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U
	9/25-27/18	0.0031 U	0.0031 U	0.0031 U	0.0031 U	0.0031 U	0.0031 U	0.0031 U	0.0031 U	0.0031 U	0.0031 U	0.0031 U
	3/19-21/19	0.0031 U	0.0035 J	0.0031 U	0.0031 U	0.0031 U	0.0031 U	0.0031 U	0.0031 U	0.0031 U	0.0031 U	0.0031 U
	9/10-12/19	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.0031 U	0.0031 U	0.0021 U	0.0021 U
	6/9-11/20	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.0021 U
	11/2-5/20	0.0021 U	0.0021 U	0.0021 U	0.0022 J	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.0021 U
	3/23-25/21	0.0021 U	0.0021 U	0.0021 U	0.0027 J	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.0021 U
	9/21-23/21	0.0021 U	0.0021 U	0.0021 U	0.0021 J	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.0021 U
	3/22-24/22	0.0026 J	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.0037 J	0.0021 U	0.0021 U	0.0021 U	0.0021 U
	9/26-28/22	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.0021 U	0.0034 J	0.0021 U	0.0021 U	0.0021 U	0.0021 U
Zinc 4.674	11/24/97	--	--	--	--	--	--	--	--	--	--	--
	3/26/98	--	--	--	--	--	--	--	--	--	--	--
	5/28/98	--	--	--	--	--	--	--	--	--	--	--
	9/16/98	--	--	--	--	--	--	--	--	--	--	--
	11/19/98	--	--	--	--	--	--	--	--	--	--	--
	2/8/99	--	--	--	--	--	--	--	--	--	--	--
	5/11/99	--	--	--	--	--	--	--	--	--	--	--
	11/8-9/99	--	--	--	--	--	--	--	--	--	--	--
	4/18-19/00	--	--	--	--	--	--	--	--	--	--	--
	10/16/00	--	--	--	--	--	--	--	--	--	--	--
	4/10/01	--	--	--	--	--	--	--	--	--	--	--
	11/7-8/01	--	--	--	--	--	--	--	--	--	--	--
	4/16-17/02	--	--	--	--	--	--	--	--	--	--	--
	10/30-31/02	--	--	--	--	--	--	--	--	--	--	--
	4/21-24/03	--	--	--	--	--	--	--	--	--	--	--
	10/14-16/03	--	--	--	--	--	--	--	--	--	--	--
	4/20-21/04	--	--	--	--	--	--	--	--	--	--	--
	10/18-20/04	--	--	--	--	--	--	--	--	--	--	--
	4/26-27/05	--	--	--	--	--	--	--	--	--	--	--
	11/2-4/05	--	--	--	--	--	--	--	--	--	--	--
	5/30-6/2/06	0.0011 U	0.039	0.0068 J	0.0011 U	0.0011 U	0.004 J	0.0059 J	--	--	--	--
	10/23-11/9/06	0.00507 J	0.372	0.005 U	0.00636 J	0.005 U	0.005 U	0.005 U	--	--	--	--
	03/5-8/07	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U	--	--	--	--
	11/5-9/07	0.0081 U	0.0081 U	0.0081 U	0.0237	0.0081 U	0.0081 U	0.0081 U	--	--	--	--
	4/1-3/08	0.0216 U	0.0093 U	0.0081 U	0.0081 U	0.0081 U	0.031 U	0.0081 U	--	--	--	--
	10/27-30/08	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U	--	--	--	--

Table 4. Current and Historical Analytical Results
Union Carbide Corporation,
Woodbine, Camden County, Georgia



Constituent GWPS	Sample Dates	MW-40	MW-43	MW-44	MW-45	MW-46	MW-47	MW-48	MW-49	MW-50	MW-51	MW-52
		non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC
		Deep	Deep	Shallow	Shallow	Deep	Shallow	Deep	Deep	Deep	Deep	Deep
Zinc (continued) 4.674	3/16-19/09	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U	--	--	--	--
	9/14-17/09	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U	--	--	--	--
	3/29-4/1/10	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U	--	--	--	--
	10/5-7/10	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U	--	--	--	--
	3/22-24/11	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U	--	--	--	--
	9/27-29/11	0.0032 U	0.0032 U	0.0032 U	0.0044 J	0.0032 U	0.0032 U	0.0032 U	--	--	--	--
	3/20-22/12	0.0032 U	0.0032 U	0.0032 U	0.0032 U	0.0032 U	0.0032 U	0.0032 U	0.0032 U	0.0032 U	0.0526	0.0032 U
	9/25-27/12	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
	3/25-28/13	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.0172 J	0.002 U
	9/24-26/13	0.002 U	0.002 U	0.0025 U	0.002 U	0.002 U	0.002 U	0.0027 U	0.002 U	0.002 U	0.002 U	0.0021 U
	3/25-27/14	0.0025 UJ	0.0027 U	0.0046 U	0.0032 U	0.002 U	0.0028 U	0.0068 U	0.011 J	0.0032 J	0.002 U	0.0028 U
	9/23-26/14	0.0165 J	0.0044 U	0.0044 U	0.002 U	0.002 U	0.0134 U	0.0065 U	0.0033 U	0.0048 U	0.0065 U	0.0035 U
	3/24-26/15	0.0021 J	0.0047 J	0.0025 J	0.0024 J	0.0022 J	0.002 U	0.102	0.002 U	0.0042 J	0.002 U	0.002 U
	9/22-24/15	0.0039 U	0.0039 U	0.0039 U	0.0102 J	0.0039 U	0.0039 U	0.0119 J	0.0039 U	0.0039 U	0.0039 U	0.0039 U
	3/22-24/16	0.0039 U	0.0039 U	0.0039 U	0.005 J	0.0039 U	0.0043 J	0.0881	0.0039 U	0.0039 U	0.0039 U	0.0039 U
	9/27-29/16	0.0054 U	0.0054 U	0.0054 U	0.0075 J	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0066 J
	3/28-30/17	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0326	0.0054 U	0.0054 U	0.0054 U	0.0112 J
	9/26-28/17	0.0065 U	0.0065 U	0.0065 U	0.0065 U	0.0065 U	0.0065 U	0.0422	0.0065 U	0.0065 U	0.0065 U	0.0065 U
	3/20-22/18	0.0065 U	0.0065 U	0.0065 U	0.0065 U	0.0065 U	0.0065 U	0.0103 J	0.0065 U	0.0065 U	0.0065 U	0.0065 U
	9/25-27/18	0.0200 UB	0.0246	0.0108 J	0.0200 UB	0.0105 J	0.003 UB	0.0232	0.0114 J	0.0200 UB	0.0116 J	0.0200 UB
	3/19-21/19	0.003 U	0.0539	0.003 U	0.003 U	0.003 U	0.003 U	0.0038 J	0.003 U	0.0034 J	0.003 U	0.003 U
	9/10-12/19	0.0200 UB	0.0037 U	0.0047 J	0.0200 UB	0.0111 J	0.0122 J	0.0037 U	0.0200 UB	0.0200 UB	0.0041 J	0.0037 U
	6/9-11/20	0.0037 U	0.0037 U	0.0037 U	0.0037 U	0.0037 U	0.0037 U	0.0048 J	0.0037 U	0.0037 U	0.0037 U	0.0037 U
	11/2-5/20	0.0037 U	0.0037 U	0.0037 U	0.0037 U	0.0037 U	0.0037 U	0.0037 U	0.0037 U	0.0037 U	0.0037 U	0.0037 U
	3/23-25/21	0.0037 U	0.0037 U	0.0037 U	0.0037 U	0.0037 U	0.0037 U	0.0062 J	0.0037 U	0.0037 U	0.0037 U	0.0037 U
	9/21-23/21	0.0037 U	0.0037 U	0.0037 U	0.0037 U	0.0037 U	0.0037 U	0.0077 J	0.0037 U	0.0037 U	0.0037 U	0.0037 U
	3/22-24/22	0.0052 J	0.0037 U	0.0037 U	0.0037 U	0.0037 U	0.0037 U	0.043	0.0037 U	0.0037 U	0.0037 U	0.0037 U
	9/26-28/22	0.0048 J	0.0037 U	0.0037 U	0.0037 U	0.0037 U	0.0037 U	0.16	0.0037 U	0.0037 U	0.0037 U	0.0037 U
Antimony 0.0060	10/30/02	--	--	--	--	--	--	--	--	--	--	--
	10/16/03	--	--	--	--	--	--	--	--	--	--	--
	10/20-22/04	--	--	--	--	--	--	--	--	--	--	--
	10/26/06	--	--	--	--	--	--	--	--	--	--	--
	11/7/07	--	--	--	--	--	--	--	--	--	--	--
	10/29/08	--	--	--	--	--	--	--	--	--	--	--
	12/30/08	--	--	--	--	--	--	--	--	--	--	--
	3/17-19/09	--	--	--	--	--	--	--	--	--	--	--
	9/14-17/09	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	--	--	--	--
	3/29-4/1/10	0.0003 U	0.0003 U	0.0003 U	0.00034 J	0.0003 U	0.0003 U	0.0003 U	--	--	--	--
	10/5-7/10	0.0003 U	0.0003 U	0.0003 U	0.0007 U	0.0003 U	0.0003 U	0.0003 U	--	--	--	--
	3/22-24/11	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0003 U	--	--	--	--
	9/27-29/11	0.00042 U	0.00042 U	0.00042 U	0.0006 J	0.00042 U	0.00042 U	0.00042 U	--	--	--	--
	3/20-22/12	0.00042 U	0.00042 U	0.00042 U	0.00042 U	0.00042 U	0.00042 U	0.00042 U	0.00042 U	0.00042 U	0.00058 J	0.00042 U
	9/25-27/12	0.00033 U	0.00033 U	0.00033 U	0.00033 U	0.00033 U	0.00033 U	0.00033 U	0.00033 U	0.00033 U	0.00033 U	0.00033 U
	3/25-28/13	0.00033 U	0.00033 U	0.00033 U	0.00033 U	0.00033 U	0.00033 U	0.00033 U	0.00033 U	0.00033 U	0.00033 U	0.00033 U
	9/24-26/13	0.00034 U	0.00034 U	0.00036 U	0.00034 U	0.00034 U	0.00034 U	0.00034 U	0.00034 U	0.00034 U	0.00034 U	0.00034 U
	3/25-27/14	0.00034 U	0.00034 U	0.00034 U	0.00036 U	0.00034 U	0.00034 U	0.00034 U	0.00034 U	0.00034 U	0.00034 U	0.00034 U
	9/23-26/14	0.00033 U	0.00033 U	0.00033 U	0.00033 U	0.00033 U	0.00033 U	0.00033 U	0.00033 U	0.00033 U	0.00033 U	0.00033 U
	3/24-26/15	0.00033 U	0.00033 U	0.00033 U	0.00033 U	0.00033 U	0.00033 U	0.00033 U	0.00033 U	0.00033 U	0.00033 U	0.00033 U
	9/22-24/15	0.00033 U	0.00033 U	0.00033 U	0.00033 U	0.00033 U	0.00033 U	0.00033 U	0.00033 U	0.00033 U	0.00033 U	0.00033 U
	3/22-24/16	0.00033 U	0.00033 U	0.00033 U	0.00033 U	0.00033 U	0.00033 U	0.00033 U	0.00033 U	0.00033 U	0.00033 U	0.00033 U

Table 4. Current and Historical Analytical Results
Union Carbide Corporation,
Woodbine, Camden County, Georgia



Constituent GWPS	Sample Dates	MW-40	MW-43	MW-44	MW-45	MW-46	MW-47	MW-48	MW-49	MW-50	MW-51	MW-52
		non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC
		Deep	Deep	Shallow	Shallow	Deep	Shallow	Deep	Deep	Deep	Deep	Deep
Antimony (continued) 0.0060	9/27-29/16	0.00048 U	0.00048 U	0.00048 U	0.00052 J	0.00048 U	0.00048 U	0.00048 U	0.00048 U	0.00048 U	0.00048 U	0.00048 U
	3/28-30/17	0.00048 U	0.00048 U	0.00048 U	0.00048 U	0.00048 U	0.00048 U	0.00048 U	0.00048 U	0.00048 U	0.00048 U	0.00048 U
	9/26-28/17	0.00045 U	0.00045 U	0.00045 U	0.00045 U	0.00045 U	0.00045 U	0.00045 U	0.00045 U	0.00045 U	0.00045 U	0.00045 U
	3/20-22/18	0.00045 U	0.00045 U	0.00045 U	0.00045 U	0.00045 U	0.00045 U	0.00045 U	0.00045 U	0.00045 U	0.00045 U	0.00045 U
	9/25-27/18	0.00041 U	0.00041 U	0.00041 U	0.00041 U	0.00041 U	0.00041 U	0.00041 U	0.00041 U	0.00041 U	0.00041 U	0.00041 U
	3/19-21/19	0.00041 U	0.00041 U	0.00041 U	0.00047 J	0.00041 U	0.00041 U	0.00041 U	0.00041 U	0.00041 U	0.00041 U	0.00041 U
	9/10-12/19	0.00041 U	0.00041 U	0.00041 U	0.0010 UB	0.00041 U	0.00041 U	0.00041 U	0.00041 U	0.00041 U	0.00041 U	0.00041 U
	6/9-11/20	0.00041 U	0.00041 U	0.00041 U	0.00041 U	0.00041 U	0.00041 U	0.00041 U	0.00041 U	0.00041 U	0.00041 U	0.00041 U
	11/2-5/20	0.00041 U	0.00041 U	0.00041 U	0.00082 J	0.00041 U	0.00041 U	0.00041 U	0.00041 U	0.00041 U	0.00041 U	0.00041 U
	3/23-25/21	0.00041 U	0.00041 U	0.00041 U	0.00061 J	0.00041 U	0.00041 U	0.00041 U	0.00041 U	0.00041 U	0.00041 U	0.00041 U
	9/21-23/21	0.00041 U	0.00041 U	0.00041 U	0.00041 U	0.00041 U	0.00041 U	0.00041 U	0.00041 U	0.00041 U	0.00041 U	0.00041 U
	3/22-24/22	0.00028 J	0.00020 U	0.00020 U	0.00043 J	0.00020 U	0.00020 U	0.00020 U	0.00020 U	0.00020 U	0.00020 U	0.00020 U
Arsenic 0.050	9/26-28/22	0.00020 U	0.00020 U	0.00020 U	0.00054 J	0.00020 U	0.00020 U	0.00020 U	0.00020 U	0.00020 U	0.00020 U	0.00020 U
	11/24/97	--	--	--	--	--	--	--	--	--	--	--
	3/26/98	--	--	--	--	--	--	--	--	--	--	--
	5/28/98	--	--	--	--	--	--	--	--	--	--	--
	9/16/98	--	--	--	--	--	--	--	--	--	--	--
	11/19/98	--	--	--	--	--	--	--	--	--	--	--
	2/8/99	--	--	--	--	--	--	--	--	--	--	--
	5/11/99	--	--	--	--	--	--	--	--	--	--	--
	11/8-9/99	--	--	--	--	--	--	--	--	--	--	--
	4/18-19/00	--	--	--	--	--	--	--	--	--	--	--
	10/16/00	--	--	--	--	--	--	--	--	--	--	--
	4/10/01	--	--	--	--	--	--	--	--	--	--	--
	11/7-8/01	--	--	--	--	--	--	--	--	--	--	--
	4/16-17/02	--	--	--	--	--	--	--	--	--	--	--
	10/30-31/02	--	--	--	--	--	--	--	--	--	--	--
	4/21-24/03	--	--	--	--	--	--	--	--	--	--	--
	10/14-16/03	--	--	--	--	--	--	--	--	--	--	--
	4/20-21/04	--	--	--	--	--	--	--	--	--	--	--
	10/18-20/04	--	--	--	--	--	--	--	--	--	--	--
	4/26-27/05	--	--	--	--	--	--	--	--	--	--	--
	11/2-4/05	--	--	--	--	--	--	--	--	--	--	--
	5/30-6/2/06	0.0013 UJ	0.0013 U	0.0013 U	0.0013 UJ	0.0013 UJ	0.0013 U	0.0013 U	--	--	--	--
	10/23-11/9/06	0.0216 U	0.163	0.0168 U	0.0298	0.00557 U	0.0108	0.0134 U	--	--	--	--
	3/5-8/07	0.00067 U	0.0012 J	0.0026	0.0076	0.00067 U	0.0031	0.005	--	--	--	--
	11/5-9/07	0.0007 U	0.0007 U	0.0024	0.004	0.0007 U	0.002 J	0.0096	--	--	--	--
	4/1-3/08	0.0055	0.0007 U	0.0026	0.0007 U	0.0007 U	0.0019 J	0.0129	--	--	--	--
	10/27-30/08	0.00095 U	0.00095 U	0.0028	0.0071	0.00095 U	0.0023	0.0043	--	--	--	--
	3/16-19/09	0.00095 U	0.00095 U	0.005	0.0138	0.00095 U	0.0016 J	0.006	--	--	--	--
	9/14-17/09	0.00095 U	0.00095 U	0.0027	0.0032	0.00095 U	0.00095 U	0.0154	--	--	--	--
	3/29-4/1/10	0.00095 U	0.00095 U	0.0024	0.0058	0.00095 U	0.00095 U	0.0144	--	--	--	--
	10/5-7/10	0.00095 U	0.00095 U	0.0027	0.0113	0.00095 U	0.00095 U	0.0146	--	--	--	--
	3/22-24/11	0.00095 U	0.00095 U	0.0021	0.0041	0.00095 U	0.00095 U	0.0054	--	--	--	--
	9/27-29/11	0.00095 U	0.00095 U	0.0026	0.0041	0.00095 U	0.00095 U	0.0137	--	--	--	--
	3/20-22/12	0.00095 U	0.00095 U	0.0022	0.0039	0.00095 U	0.00095 U	0.0082	0.00095 U	0.00095 U	0.0076	0.00095 U
	9/25-27/12	0.0004 U	0.0004 U	0.0028	0.0029	0.0004 U	0.00072 J	0.0092	0.0004 U	0.00054 J	0.0004 U	0.0004 U
	3/25-28/13	0.0004 U	0.0004 U	0.0033	0.0025	0.0004 U	0.00058 J	0.0092	0.0004 U	0.0004 U	0.0004 U	0.0004 U
	9/24-26/13	0.00042 U	0.00042 U	0.0022	0.0022	0.00042 U	0.00057 J	0.0059	0.00042 U	0.00042 U	0.00042 U	0.00042 U
	3/25-27/14	0.00078 U	0.00078 U	0.0037	0.0035	0.00078 U	0.00078 U	0.0057	0.00078 U	0.00078 U	0.00078 U	0.00078 U

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Woodbine, Camden County, Georgia



Constituent GWPS	Sample Dates	MW-40	MW-43	MW-44	MW-45	MW-46	MW-47	MW-48	MW-49	MW-50	MW-51	MW-52
		non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC
		Deep	Deep	Shallow	Shallow	Deep	Shallow	Deep	Deep	Deep	Deep	Deep
Arsenic (continued) 0.050	9/23-26/14	0.00082 U	0.00082 U	0.0035	0.0019 J	0.00082 U	0.00082 U	0.004	0.00082 U	0.00082 U	0.00082 U	0.00082 U
	3/24-26/15	0.00082 U	0.00082 U	0.0031	0.0057	0.00082 U	0.00082 U	0.0063	0.00082 U	0.00082 U	0.00082 U	0.00082 U
	9/22-24/15	0.00054 U	0.00054 U	0.0031	0.0026	0.00054 U	0.00054 U	0.0035	0.00054 U	0.00054 U	0.00054 U	0.00054 U
	3/22-24/16	0.00054 U	0.00054 U	0.0069	0.0031	0.00054 U	0.00054 U	0.0042	0.00054 U	0.00054 U	0.00054 U	0.00054 U
	9/27-29/16	0.00068 U	0.00068 U	0.0063	0.0079	0.00068 U	0.00068 U	0.0043	0.00068 U	0.00068 U	0.00068 U	0.00068 U
	3/28-30/17	0.00068 U	0.00068 U	0.0075	0.0088	0.00068 U	0.00068 U	0.0032	0.00068 U	0.00068 U	0.00068 U	0.00068 U
	9/26-28/17	0.00072 U	0.00072 U	0.0074	0.0014 J	0.00072 U	0.00072 U	0.0026	0.00072 U	0.00072 U	0.00072 U	0.00072 U
	3/20-22/18	0.00072 U	0.00072 U	0.0113	0.0108	0.00072 U	0.00072 U	0.0025	0.00072 U	0.00072 U	0.00072 U	0.00072 U
	9/25-27/18	0.00068 U	0.00068 U	0.0093	0.0049	0.00068 U	0.0020 UB	0.0035 UB	0.00068 U	0.00068 U	0.00068 U	0.00068 U
	3/19-21/19	0.00068 U	0.00068 U	0.0089	0.0063	0.00068 U	0.00068 U	0.0022	0.00068 U	0.00068 U	0.00068 U	0.00068 U
	9/10-12/19	0.00068 U	0.00068 U	0.0074	0.0099	0.00068 U	0.002 J	0.00068 U	0.00068 U	0.00068 U	0.00068 U	0.00068 U
	6/9-11/20	0.00068 U	0.00068 U	0.0058	0.00077 J	0.00068 U	0.00068 U	0.0012 J	0.00068 U	0.00068 U	0.00068 U	0.00068 U
	11/2-5/20	0.00068 U	0.00068 U	0.0054	0.0030	0.00068 U	0.00068 U	0.0016 J	0.00068 U	0.00068 U	0.00068 U	0.00068 U
	3/23-25/21	0.00068 U	0.00068 U	0.0047	0.0028	0.00068 U	0.00068 U	0.0016 J	0.00068 U	0.00068 U	0.00068 U	0.00068 U
	9/21-23/21	0.00068 U	0.00068 U	0.0034	0.0014 J	0.00068 U	0.00068 U	0.0017 J	0.00068 U	0.00068 U	0.0019 J	0.00068 U
	3/22-24/22	0.00068 U	0.00068 U	0.0025	0.0013 J	0.00068 U	0.00068 U	0.0023	0.00068 U	0.00068 U	0.00068 U	0.00068 U
	9/26-28/22	0.00068 U	0.00068 U	0.0016 J	0.0016 J	0.00068 U	0.00068 U	0.0030	0.00068 U	0.00068 U	0.00068 U	0.00068 U
Selenium 0.010	11/24/97	--	--	--	--	--	--	--	--	--	--	--
	3/26/98	--	--	--	--	--	--	--	--	--	--	--
	5/28/98	--	--	--	--	--	--	--	--	--	--	--
	9/16/98	--	--	--	--	--	--	--	--	--	--	--
	11/19/98	--	--	--	--	--	--	--	--	--	--	--
	2/8/99	--	--	--	--	--	--	--	--	--	--	--
	5/11/99	--	--	--	--	--	--	--	--	--	--	--
	11/8-9/99	--	--	--	--	--	--	--	--	--	--	--
	4/18-19/00	--	--	--	--	--	--	--	--	--	--	--
	10/16/00	--	--	--	--	--	--	--	--	--	--	--
	4/10/01	--	--	--	--	--	--	--	--	--	--	--
	11/7-8/01	--	--	--	--	--	--	--	--	--	--	--
	4/16-17/02	--	--	--	--	--	--	--	--	--	--	--
	10/30-31/02	--	--	--	--	--	--	--	--	--	--	--
	4/21-24/03	--	--	--	--	--	--	--	--	--	--	--
	10/14-16/03	--	--	--	--	--	--	--	--	--	--	--
	4/20-21/04	--	--	--	--	--	--	--	--	--	--	--
	10/18-20/04	--	--	--	--	--	--	--	--	--	--	--
	4/26-27/05	--	--	--	--	--	--	--	--	--	--	--
	11/2-4/05	--	--	--	--	--	--	--	--	--	--	--
	5/30-6/2/06	0.0011 UJ	0.0011 UJ	0.0011 UJ	0.0011 UJ	0.0011 UJ	0.0011 UJ	0.0011 UJ	--	--	--	--
	10/23-11/9/06	0.025 U	0.0457	0.1 UJ	0.25 U	0.005 U	0.05 U	0.025 UJ	--	--	--	--
	03/5-8/07	0.0013 J	0.003 J	0.002 J	0.0029 J	0.0005 UJ	0.0036 J	0.0053 J	--	--	--	--
	11/5-9/07	0.001 J	0.00093 J	0.00091 J	0.004 J	0.00053 UJ	0.0014 J	0.0105	--	--	--	--
	4/1-3/08	0.0011 J	0.00035 U	0.0004 J	0.00035 U	0.00035 U	0.00074 J	0.0027	--	--	--	--
	10/27-30/08	0.0003 U	0.0003 U	0.00042 J	0.0014 J	0.0003 U	0.0005 J	0.0017 J	--	--	--	--
	3/16-19/09	0.00099 U	0.00099 U	0.00099 U	0.0011 J	0.00099 U	0.00099 U	0.0022	--	--	--	--
	9/14-17/09	0.00099 U	0.00099 U	0.00099 U	0.00099 U	0.00099 U	0.00099 U	0.0053	--	--	--	--
	3/29-4/1/10	0.00099 U	0.00099 U	0.00099 U	0.0012 U	0.00099 U	0.00099 U	0.0023	--	--	--	--
	10/5-7/10	0.00025 U	0.00025 U	0.00026 J	0.0013 J	0.00025 U	0.00035 J	0.004	--	--	--	--
	3/22-24/11	0.00025 U	0.00025 U	0.00031 J	0.00078 J	0.00025 U	0.00029 J	0.0015 J	--	--	--	--
	9/27-29/11	0.00027 U	0.00027 U	0.00027 U	0.0011 J	0.00027 U	0.00037 J	0.0033	--	--	--	--
	3/20-22/12	0.00027 U	0.00027 U	0.00027 U	0.0008 J	0.00027 U	0.00029 J	0.0014 J	0.00027 U	0.00027 U	0.00044 J	0.00027 U

Table 4. Current and Historical Analytical Results
Union Carbide Corporation,
Woodbine, Camden County, Georgia



Constituent GWPS	Sample Dates	MW-40	MW-43	MW-44	MW-45	MW-46	MW-47	MW-48	MW-49	MW-50	MW-51	MW-52
		non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC
		Deep	Deep	Shallow	Shallow	Deep	Shallow	Deep	Deep	Deep	Deep	Deep
Selenium (continued) 0.010	9/25-27/12	0.0005 U	0.0005 U	0.0005 U	0.00052 J	0.0005 U	0.0005 U	0.00096 J	0.0005 U	0.0005 U	0.0005 U	0.0005 U
	3/25-28/13	0.0005 U	0.0005 UJ	0.0005 U	0.0008 J	0.0005 U	0.0005 U	0.0017 J	0.0005 U	0.0005 U	0.0005 U	0.0005 U
	9/24-26/13	0.0005 U	0.0005 U	0.0005 U	0.00057 J	0.0005 U	0.0005 U	0.001 J	0.0005 U	0.0005 U	0.0005 U	0.0005 U
	3/25-27/14	0.0005 U	0.0005 U	0.0005 U	0.00088 J	0.0005 U	0.0005 U	0.00097 J	0.0005 U	0.0005 U	0.0005 U	0.0005 U
	9/23-26/14	0.0005 U	0.0005 U	0.0005 U	0.00059 J	0.0005 U	0.0005 U	0.00068 J	0.0005 U	0.0005 U	0.0005 U	0.0005 U
	3/24-26/15	0.0005 U	0.0005 U	0.0005 U	0.00088 J	0.0005 U	0.0005 U	0.0011 J	0.0005 U	0.0005 U	0.0005 U	0.0005 U
	9/22-24/15	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.00063 J	0.0005 U	0.0005 U	0.0005 U	0.0005 U
	3/22-24/16	0.0005 U	0.0005 U	0.0005 U	0.00083 J	0.0005 U	0.0005 U	0.00062 J	0.0005 U	0.0005 U	0.0005 U	0.0005 U
	9/27-29/16	0.00044 U	0.00044 U	0.00044 U	0.00078 J	0.00044 U	0.00044 U	0.00063 J	0.00044 U	0.00044 U	0.00044 U	0.00044 U
	3/28-30/17	0.00044 U	0.00044 U	0.00044 U	0.00044 U	0.00044 U	0.00044 U	0.00071 J	0.00044 U	0.00044 U	0.00044 U	0.00044 U
	9/26-28/17	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
	3/20-22/18	0.0005 U	0.0005 U	0.0005 U	0.0005 UJ	0.0005 U	0.0005 U	0.00055 J	0.0005 U	0.0005 U	0.0005 U	0.0005 U
	9/25-27/18	0.00065 U	0.00065 U	0.00065 U	0.0007 J	0.00065 U	0.00065 U	0.00065 U	0.00065 U	0.00065 U	0.00065 U	0.00065 U
	3/19-21/19	0.00065 U	0.00065 U	0.00065 U	0.0013 J	0.00065 UJ	0.00065 UJ	0.00065 UJ	0.00065 UJ	0.00065 UJ	0.00065 UJ	0.00065 U
	9/10-12/19	0.00028 U	0.00028 U	0.00028 U	0.0019	0.00028 U	0.00028 U	0.00028 U	0.00028 U	0.00028 U	0.00028 U	0.00028 U
	6/9-11/20	0.00028 U	0.00028 U	0.00028 U	0.00069 J	0.00028 U	0.00028 U	0.00029 J	0.00028 U	0.00028 U	0.00028 U	0.00028 U
	11/2-5/20	0.00028 U	0.00028 U	0.00035 J	0.0026	0.00028 U	0.00030 J	0.00039 J	0.00028 U	0.00028 U	0.00028 U	0.00028 U
	3/23-25/21	0.00028 U	0.00028 U	0.00036 J	0.0033	0.00028 U	0.00028 U	0.00033 J	0.00028 U	0.00028 U	0.00028 U	0.00028 U
	9/21-23/21	0.00028 U	0.00028 U	0.00040 J	0.0027	0.00028 U	0.00044 J	0.00041 J	0.00028 U	0.00028 U	0.00078 J	0.00028 U
	3/22-24/22	0.00028 U	0.00028 U	0.00033 J	0.0030	0.00028 U	0.00028 U	0.00032 J	0.00028 U	0.00028 UJ	0.00028 U	0.00028 U
	9/26-28/22	0.00028 U	0.00028 U	0.00042 J	0.0016	0.00028 UJ	0.00028 U	0.00037 J	0.00028 U	0.00052 J	0.00028 U	0.00028 U
Vanadium 0.0010	11/24/97	--	--	--	--	--	--	--	--	--	--	--
	3/26/98	--	--	--	--	--	--	--	--	--	--	--
	5/28/98	--	--	--	--	--	--	--	--	--	--	--
	9/16/98	--	--	--	--	--	--	--	--	--	--	--
	11/19/98	--	--	--	--	--	--	--	--	--	--	--
	2/8/99	--	--	--	--	--	--	--	--	--	--	--
	5/11/99	--	--	--	--	--	--	--	--	--	--	--
	11/8-9/99	--	--	--	--	--	--	--	--	--	--	--
	4/18-19/00	--	--	--	--	--	--	--	--	--	--	--
	10/16/00	--	--	--	--	--	--	--	--	--	--	--
	4/10/01	--	--	--	--	--	--	--	--	--	--	--
	11/7-8/01	--	--	--	--	--	--	--	--	--	--	--
	4/16-17/02	--	--	--	--	--	--	--	--	--	--	--
	10/30-31/02	--	--	--	--	--	--	--	--	--	--	--
	4/21-24/03	--	--	--	--	--	--	--	--	--	--	--
	10/14-16/03	--	--	--	--	--	--	--	--	--	--	--
	4/20-21/04	--	--	--	--	--	--	--	--	--	--	--
	10/18-20/04	--	--	--	--	--	--	--	--	--	--	--
	4/26-27/05	--	--	--	--	--	--	--	--	--	--	--
	11/2-4/05	--	--	--	--	--	--	--	--	--	--	--
	5/30-6/2/06	0.0099 J	0.0054 J	0.0007 U	0.0078 J	0.0007 U	0.0007 U	0.0007 U	--	--	--	--
	10/23-11/9/06	0.015 U	0.263	0.00888 J	0.0165 U	0.005 U	0.005 U	0.0142	--	--	--	--
	03/5-8/07	0.0043 J	0.0015 U	0.0015 U	0.0051	0.0015 U	0.0029 J	0.0094	--	--	--	--
	11/5-9/07	0.0049 J	0.0023 U	0.0022 U	0.0051	0.0015 U	0.003 U	0.0126	--	--	--	--
	4/1-3/08	0.0044 U	0.0016 U	0.0015 U	0.0042 U	0.0015 U	0.0015 U	0.0125 U	--	--	--	--
	10/27-30/08	0.0044 J	0.0025 U	0.0025 U	0.0052	0.0025 U	0.0025 U	0.0119	--	--	--	--
	3/16-19/09	0.0049 J	0.0025 U	0.0025 U	0.0055	0.0025 U	0.0025 U	0.0116	--	--	--	--
	9/14-17/09	0.0035 J	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0127	--	--	--	--
	3/29-4/1/10	0.0042 J	0.0025 U	0.0025 U	0.003 J	0.0025 U	0.0025 U	0.0156	--	--	--	--

Table 4. Current and Historical Analytical Results
Union Carbide Corporation,
Woodbine, Camden County, Georgia



Constituent GWPS	Sample Dates	MW-40	MW-43	MW-44	MW-45	MW-46	MW-47	MW-48	MW-49	MW-50	MW-51	MW-52
		non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC
		Deep	Deep	Shallow	Shallow	Deep	Shallow	Deep	Deep	Deep	Deep	Deep
Vanadium (continued) 0.0010	10/5-7/10	0.0045 J	0.0025 U	0.0025 U	0.0043 J	0.0025 U	0.0025 U	0.0146	--	--	--	--
	3/22-24/11	0.0054	0.0025 U	0.0025 U	0.0038 J	0.0025 U	0.0025 U	0.0133	--	--	--	--
	9/27-29/11	0.0046 J	0.0013 J	0.00096 U	0.0091	0.00096 U	0.0014 J	0.0144	--	--	--	--
	3/20-22/12	0.0033 J	0.00096 U	0.00096 U	0.0031 J	0.00096 U	0.00096 U	0.008	0.00096 U	0.00096 U	0.057	0.00096 U
	9/25-27/12	0.0065 U	0.0014 U	0.0013 U	0.0042 U	0.0025 U	0.0013 U	0.0101	0.0022 U	0.0022 U	0.0013 U	0.0013 U
	3/25-28/13	0.0059	0.0013 U	0.0013 U	0.0025 J	0.0013 U	0.0013 J	0.0085	0.0013 U	0.0013 U	0.0013 U	0.0013 U
	9/24-26/13	0.0045 J	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.0099	0.002 U	0.002 U	0.002 U	0.002 U
	3/25-27/14	0.0051	0.002 U	0.002 U	0.0039 J	0.002 U	0.002 U	0.0082	0.002 U	0.002 U	0.002 U	0.002 U
	9/23-26/14	0.0043 U	0.0019 U	0.0019 U	0.0051	0.0019 U	0.0019 U	0.0078	0.0019 U	0.0019 U	0.0019 U	0.0019 U
	3/24-26/15	0.0049 J	0.0019 U	0.0019 U	0.0032 J	0.0019 U	0.0019 U	0.0082	0.0019 U	0.0019 U	0.0019 U	0.0019 U
	9/22-24/15	0.004 J	0.0014 U	0.0014 U	0.0036 J	0.0014 U	0.0014 U	0.0059	0.0014 U	0.0014 U	0.0014 U	0.0014 U
	3/22-24/16	0.0043 J	0.0023 U	0.0023 U	0.0046 J	0.0023 U	0.0023 U	0.005 J	0.0023 U	0.0023 U	0.0023 U	0.0023 U
	9/27-29/16	0.0039	0.0005 J	0.00074	0.0028	0.00031 J	0.00088	0.0053	0.0002 U	0.0002 U	0.00026 J	0.0002 U
	3/28-30/17	0.0046	0.00032 J	0.0005 J	0.0037	0.00036 J	0.00087	0.0052	0.0002 U	0.00032 J	0.0002 U	0.0021
	9/26-28/17	0.0034	0.00052	0.00052	0.0044	0.00049 J	0.00098	0.0045	0.00021 U	0.00025 J	0.00021 U	0.00021 U
	3/20-22/18	0.0031	0.00054	0.0006	0.0036	0.00032 J	0.00096	0.0043	0.00021 U	0.00021 U	0.00021 U	0.00021 U
	9/25-27/18	0.0029	0.0010 UB	0.0010 UB	0.0045	0.0003 J	0.0010 UB	0.0044	0.00024 U	0.00024 U	0.00024 U	0.00024 U
	3/19-21/19	0.0027	0.00036 J	0.00067 J	0.0029	0.00024 U	0.00091 J	0.0042	0.00024 U	0.00024 U	0.00024 U	0.00024 U
	9/10-12/19	0.0028	0.00059	0.00053	0.0055	0.00024 U	0.0038 J	0.00073	0.00024 U	0.00024 U	0.00024 U	0.00024 U
	6/9-11/20	0.0025	0.00037 J	0.00063	0.0021	0.00031 J	0.00079	0.0035	0.00024 U	0.00024 U	0.00024 U	0.00024 U
	11/2-5/20	0.0029 J	0.00028 J	0.00060	0.0063	0.00028 J	0.00092 J	0.0034 J	0.00024 U	0.00024 U	0.00024 U	0.00024 U
	3/23-25/21	0.0025 J	0.00079 U	0.00079 U	0.0063	0.00079 U	0.00079 U	0.0036 J	0.00079 U	0.00079 U	0.00079 U	0.00079 U
	9/21-23/21	0.0030 J	0.00079 U	0.00079 U	0.0044	0.00079 U	0.00089 J	0.0029 J	0.00079 U	0.00079 U	0.0050	0.00079 U
	3/22-24/22	0.0019 J	0.00079 U	0.00079 J	0.0045	0.00079 U	0.00087 J	0.0032 J	0.00079 U	0.00079 U	0.00079 U	0.00079 U
	9/26-28/22	0.0021 J	0.00079 U	0.00079 U	0.0054	0.00079 U	0.00079 U	0.0032 J	0.00079 U	0.00079 U	0.00079 U	0.00079 U
Cyanide 0.20	11/24/97	--	--	--	--	--	--	--	--	--	--	--
	3/26/98	--	--	--	--	--	--	--	--	--	--	--
	5/28/98	--	--	--	--	--	--	--	--	--	--	--
	9/16/98	--	--	--	--	--	--	--	--	--	--	--
	11/19/98	--	--	--	--	--	--	--	--	--	--	--
	2/8/99	--	--	--	--	--	--	--	--	--	--	--
	5/11/99	--	--	--	--	--	--	--	--	--	--	--
	11/8-9/99	--	--	--	--	--	--	--	--	--	--	--
	4/18-19/00	--	--	--	--	--	--	--	--	--	--	--
	10/16/2000	--	--	--	--	--	--	--	--	--	--	--
	4/10/01	--	--	--	--	--	--	--	--	--	--	--
	11/7-8/01	--	--	--	--	--	--	--	--	--	--	--
	4/16-17/02	--	--	--	--	--	--	--	--	--	--	--
	10/30-31/02	--	--	--	--	--	--	--	--	--	--	--
	4/21-24/03	--	--	--	--	--	--	--	--	--	--	--
	10/14-16/03	--	--	--	--	--	--	--	--	--	--	--
	4/20-21/04	--	--	--	--	--	--	--	--	--	--	--
	10/18-20/04	--	--	--	--	--	--	--	--	--	--	--
	4/26-27/05	--	--	--	--	--	--	--	--	--	--	--
	11/2-4/05	--	--	--	--	--	--	--	--	--	--	--
	5/30-6/2/06	0.0006 U	0.0007 J	0.001 J	0.1512	0.0006 U	0.0008 J	0.0548	--	--	--	--
	10/23-11/9/06	0.005 U	0.005 U	0.005 U	0.0153	0.005 U	0.005 U	0.005 U	--	--	--	--
	3/5-8/07	0.005 UJ	0.005 UJ	0.005 UJ	0.005 UJ	0.005 UJ	0.005 U	0.005 U	--	--	--	--
	11/5-9/07	0.005 UJ	0.005 U	0.005 U	0.005 UJ	0.005 UJ	0.005 U	0.005 U	--	--	--	--
	4/1-3/08	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.01 U	--	--	--	--
	10/27-30/08	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	--	--	--	--

Table 4. Current and Historical Analytical Results
Union Carbide Corporation,
Woodbine, Camden County, Georgia



Constituent GWPS	Sample Dates	MW-40	MW-43	MW-44	MW-45	MW-46	MW-47	MW-48	MW-49	MW-50	MW-51	MW-52
		non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC
		Deep	Deep	Shallow	Shallow	Deep	Shallow	Deep	Deep	Deep	Deep	Deep
Cyanide (continued) 0.20	3/16-19/09	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.01 U	--	--	--	--
	9/14-17/09	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	--	--	--	--
	3/29-4/1/10	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.01 U	--	--	--	--
	10/5-7/10	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	--	--	--	--
	3/22-24/11	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	--	--	--	--
	9/27-29/11	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	--	--	--	--
	3/20-22/12	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.009 J	0.005 U	0.005 U
	9/25-27/12	0.005 U	0.005 UJ	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 UJ
	3/25-28/13	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
	9/24-26/13	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
	3/25-27/14	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
	9/23-26/14	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
	3/24-26/15	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
	9/22-24/15	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
	3/22-24/16	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.01 U	0.005 U
	9/27-29/16	0.005 U	0.005 U	0.005 U	--	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
	3/28-30/17	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
	9/26-28/17	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
	3/20-22/18	0.005 U	0.005 U	0.005 U	0.016	0.005 UJ	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
	9/25-27/18	0.005 U	0.005 U	0.005 U	0.077	0.005 U	0.005 U	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U
	3/19-21/19	0.005 U	0.005 U	0.005 U	0.21	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 UJ	0.005 U
	9/10-12/19	0.0050 UJ	0.01 U	0.01 U	0.030 J	0.01 U	0.01 U	0.01 U	0.0050 UJ	0.0050 UJ	0.01 U	0.010 UJ
	6/9-11/20	0.0050 U	0.0050 UJ	0.0050 UJ	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 UJ
	11/2-5/20	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U
	3/23-25/21	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U
	9/21-23/21	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U
	3/22-24/22	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.020	0.0080 J	0.0050 U	0.0050 U
	9/26-28/22	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U
Fluoride 4.0	10/30-31/02	--	--	--	--	--	--	--	--	--	--	--
	10/14-16/03	--	--	--	--	--	--	--	--	--	--	--
	11/3/05	--	--	--	--	--	--	--	--	--	--	--
	1/19/06	--	--	--	--	--	--	--	--	--	--	--
	10/23-11/9/06	0.276	0.589	0.05 U	0.05 U	0.272	0.05 U	0.285	--	--	--	--
	3/5-8/07	0.273	0.525	0.0275 U	0.0275 U	0.0303 U	0.0275 U	0.276	--	--	--	--
	11/5-9/07	0.273	0.529	0.0285 U	0.0265 U	0.027 U	0.028 U	0.331	--	--	--	--
	4/1-3/08	0.028 U	0.48	0.026 U	0.27	0.028 U	0.027 U	0.38	--	--	--	--
	10/27-30/08	0.23	0.42	0.027 U	0.028 U	0.028 U	0.028 U	0.23	--	--	--	--
	3/16-19/09	0.24	0.43	0.027 U	0.028 U	0.036 J	0.027 U	0.32	--	--	--	--
	9/14-17/09	0.26	0.28	0.028 U	0.038 J	0.028 U	0.028 U	0.3	--	--	--	--
	3/29-4/1/10	0.28	0.35	0.028 U	0.028 U	0.027 U	0.028 U	0.33	--	--	--	--
	10/5-7/10	0.26	0.35	0.029 U	0.036 J	0.028 U	0.027 U	0.29	--	--	--	--
	3/22-24/11	0.27	0.39	0.061 J	0.046 J	0.031 J	0.027 U	0.19	--	--	--	--
	9/27-29/11	0.28	0.4	0.027 U	0.04 J	0.029 U	0.028 U	0.28	--	--	--	--
	3/20-22/12	0.27	0.36	0.029 U	0.051 U	0.028 U	0.029 U	0.15	0.094	0.11	0.35	0.12 U
	9/25-27/12	0.32	0.41	0.028 U	0.037 J	0.028 J	0.055 U	0.17	0.093	0.12	0.38	0.11
	3/25-28/13	0.28	0.34	0.028 U	0.027 U	0.027 U	0.027 U	0.15	0.063 J	0.088	0.26	0.081 J
	9/24-26/13	0.28	0.33	0.028 U	0.029 U	0.029 U	0.028 U	0.13	0.073 J	0.11	0.27	0.11
	3/25-27/14	0.28	0.35	0.028 U	0.054 J	0.028 U	0.028 U	0.13	0.083 J	0.1	0.28	0.092
	9/23-26/14	0.28	0.34	0.028 U	0.09	0.027 U	0.027 U	0.11	0.081 J	0.092	0.3	0.09
	3/24-26/15	0.28	0.31	0.028 U	0.046 J	0.027 U	0.027 U	0.099	0.1	0.075 J	0.27	0.09

Table 4. Current and Historical Analytical Results
Union Carbide Corporation,
Woodbine, Camden County, Georgia



Constituent GWPS	Sample Dates	MW-40	MW-43	MW-44	MW-45	MW-46	MW-47	MW-48	MW-49	MW-50	MW-51	MW-52
		non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC
		Deep	Deep	Shallow	Shallow	Deep	Shallow	Deep	Deep	Deep	Deep	Deep
Fluoride (continued) 4.0	9/22-24/15	0.28	0.31	0.028 U	0.056 J	0.027 U	0.027 U	0.093	0.073 J	0.1	0.23	0.076 J
	3/22-24/16	0.28	0.37	0.025 U	0.054 J	0.028 U	0.028 U	0.092	0.075 J	0.093	0.26	0.081 J
	9/27-29/16	0.28	0.38	0.028 U	0.027 U	0.027 U	0.027 U	0.099	0.075 J	0.097	0.28	0.081 J
	3/28-30/17	0.29	0.4	0.028 U	0.028 J	0.028 U	0.028 U	0.12	0.065 J	0.09	0.27	0.095
	9/26-28/17	0.3	0.44	0.028 U	0.037 J	0.028 U	0.028 U	0.13	0.084 J	0.1	0.26	0.083 J
	3/20-22/18	0.29	0.41	0.028 U	0.028 U	0.037 J	0.027 U	0.16	0.081 J	0.1	0.28	0.08 J
	9/25-27/18	0.26	0.33	0.028 U	0.029 U	0.029 U	0.028 U	0.17	0.093	0.086 J	0.28	0.081 J
	3/19-21/19	0.35	0.27	0.028 U	0.029 U	0.027 U	0.027 U	0.18	0.075 J	0.086 J	0.28	0.086 J
	9/10-12/19	0.29	0.37	0.029 U	0.028 U	0.028 U	0.17	0.028 U	0.073 J	0.083 J	0.28	0.083 J
	6/9-11/20	0.29	0.34	0.029 U	0.028 U	0.029 U	0.028 U	0.14	0.086 J	0.075 J	0.28	0.076 J
	11/2-5/20	0.28	0.36	0.029 U	0.029 U	0.027 U	0.027 U	0.16	0.072 J	0.071 J	0.27	0.081 J
	3/23-25/21	0.29	0.33	0.028 U	0.029 U	0.028 U	0.027 U	0.13	0.084 J	0.081 J	0.26	0.078 J
	9/21-23/21	0.31	0.38	0.029 U	0.028 U	0.028 J	0.028 U	0.16	0.081 J	0.073 J	0.27	0.095
	3/22-24/22	0.27	0.35	0.028 U	0.028 U	0.028 U	0.028 U	0.17	0.073 J	0.084 J	0.27	0.084 J
	9/26-28/22	0.27	0.36	0.027 U	0.028 U	0.028 U	0.028 U	0.17	0.075 J	0.075 J	0.27	0.083 J
Sulfide Background	11/24/97	--	--	--	--	--	--	--	--	--	--	--
	3/26/98	--	--	--	--	--	--	--	--	--	--	--
	5/28/98	--	--	--	--	--	--	--	--	--	--	--
	9/16/98	--	--	--	--	--	--	--	--	--	--	--
	11/19/98	--	--	--	--	--	--	--	--	--	--	--
	2/8/99	--	--	--	--	--	--	--	--	--	--	--
	5/11/99	--	--	--	--	--	--	--	--	--	--	--
	11/8-9/99	--	--	--	--	--	--	--	--	--	--	--
	4/18-19/00	--	--	--	--	--	--	--	--	--	--	--
	10/16/00	--	--	--	--	--	--	--	--	--	--	--
	4/10/01	--	--	--	--	--	--	--	--	--	--	--
	11/7-8/01	--	--	--	--	--	--	--	--	--	--	--
	4/16-17/02	--	--	--	--	--	--	--	--	--	--	--
	10/30-31/02	--	--	--	--	--	--	--	--	--	--	--
	4/21-24/03	--	--	--	--	--	--	--	--	--	--	--
	10/14-16/03	--	--	--	--	--	--	--	--	--	--	--
	4/20-21/04	--	--	--	--	--	--	--	--	--	--	--
	10/18-20/04	--	--	--	--	--	--	--	--	--	--	--
	4/26-27/05	--	--	--	--	--	--	--	--	--	--	--
	11/2-4/05	--	--	--	--	--	--	--	--	--	--	--
	5/30-6/2/06	0.103	0.237 J	0.452 J	71.3	0.109	9.52 J	61.3 J	--	--	--	--
	10/23-11/9/06	0.9	1.4 J	0.5 J	7.2	0.25 U	2.9	5.9 J	--	--	--	--
	03/5-8/07	0.67	3.5	1.1	165	0.71	15.3	19.3	--	--	--	--
	11/5-9/07	0.35	2.5	0.63	95.8	0.45	5.8	63.5	--	--	--	--
	4/1-3/08	336	3.6	0.95	0.66	0.48	12.7	70.9	--	--	--	--
	10/27-30/08	0.34	2.7	0.51	279	0.69	13.3	18.1	--	--	--	--
	3/16-19/09	0.21	2.3	0.36	322	0.4	7.1	25	--	--	--	--
	9/14-17/09	0.28	0.22	0.3	184	0.55	3.4	61	--	--	--	--
	3/29-4/1/10	0.29	2.3	0.32	99.2	0.43 J	2.8	74.3	--	--	--	--
	10/5-7/10	0.24	2	0.29	135	0.6	1.5	45.1	--	--	--	--
	3/22-24/11	0.17	0.41	0.14 J	49.8	0.5	1.6	21.7	--	--	--	--
	9/27-29/11	0.21	1.4	0.2	110	0.57	1.4	70.1	--	--	--	--
	3/20-22/12	0.14 J	0.4	0.2	148	0.39	2.2	78.8	1.1	1.1	0.054 U	0.054 U
	9/25-27/12	0.11 J	1.7	0.12 J	58.9	0.47	1.9	71.4	1.3	5.2	0.11 J	0.054 U
	3/25-28/13	0.16 J	0.98	0.15 J	93.6	0.61	2.4	111	1.1	0.83	0.065 J	0.086 J

Table 4. Current and Historical Analytical Results
Union Carbide Corporation,
Woodbine, Camden County, Georgia



Constituent GWPS	Sample Dates	MW-40	MW-43	MW-44	MW-45	MW-46	MW-47	MW-48	MW-49	MW-50	MW-51	MW-52
		non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC	non-POC
		Deep	Deep	Shallow	Shallow	Deep	Shallow	Deep	Deep	Deep	Deep	Deep
Sulfide (continued) Background	9/24-26/13	0.13 J	1.3	0.092 J	79.4	0.54	2	73	1.2	3.3	0.11 J	0.054 U
	3/25-27/14	0.15 J	1.3	0.18	92.8	0.6	2.2	80.1	1.1	1.1	0.054 U	0.054 U
	9/23-26/14	0.2	1.2	0.21	37.1	0.61	1.9	58.3	1.2	1.1	0.068 J	0.054 U
	3/24-26/15	0.15 J	1	0.088 J	105	0.76	1.5	52.8	1.1	1.3	0.066 J	0.054 U
	9/22-24/15	0.14 J	1	0.13 J	45.5	0.85	1.5	52	1.3	1.2	0.069 J	0.054 U
	3/22-24/16	0.16	0.88	0.072 J	39.5	0.73	1.3	48.2	1.4	1.2	0.083 J	0.03 U
	9/27-29/16	0.1	0.78	0.08 J	130	0.78	0.76	31.1	1.4	1.4	0.03 U	0.03 U
	3/28-30/17	0.2	0.92	0.13	94	1.1	1.1	48.7	1.5	1.6	0.13	0.03 U
	9/26-28/17	0.18	0.91	0.17	14.8	1.2	1.2	45.8	1.4	1.8	0.14	0.1 U
	3/20-22/18	0.11	0.83	0.036 J	70.8	1	1.1	39.3	1.3	2.1	0.063 J	0.03 U
	9/25-27/18	0.1 U	0.97	0.1 U	263	1.8	1.6	45.8	1.8	1.7	0.1 J	0.1 U
	3/19-21/19	0.1 U	0.76	0.1 U	191	1.2	1.2	30.2	1.1	2.1	0.1 U	0.1 U
	9/10-12/19	0.1 U	0.9	0.1 U	175	1.1	1.3	7	1.3	1.8	0.1 U	0.1 U
	6/9-11/20	0.10 J	0.91 J	0.10 U	47 J	1.2 J	1.3 J	24 J	1.5	2.2	0.10 U	0.10 U
	11/2-5/20	0.10 U	0.67	0.10 U	130	1.4	1.2	25	1.4	2.2	0.10 U	0.10 U
	3/23-25/21	0.10 U	0.50	0.10 U	44	1.1	2.2	2.8	1.3	1.8	0.10 U	0.10 U
	9/21-23/21	0.10 U	0.81	0.13 J	37	1.2	1.8	5.9 J	1.4 J	1.9 J	0.10 U	0.10 U
	3/22-24/22	0.10 U	0.62 J	0.10 J	30	0.97	1.5 J	5.4 J	1.2	1.9	0.10 UJ	0.10 UJ
	9/26-28/22	0.10 U	0.54	0.36	36	1.3	1.3	6.8	1.5 J	2.1	0.10 U	0.10 U

Table 4. Current and Historical Analytical Results

Union Carbide Corporation,
Woodbine, Camden County, Georgia



Notes:

^a Groundwater Protection Standards (GWPS) Specified in Table A of the Permit.

J - An estimated value

-- - Constituent was not analyzed.

*F65 Elevated detection limits were reported due to sample matrix interference which required sample or extract dilution

BMDL – Below Method Detection Limit

BRL – Below Reporting Limit

R – Rejected Data(due to associated QC parameters out of criteria)

B (Organics) – indicates the analyte was detected in the associated Method Blank

Number of Detects – number used for statistical analysis

U - Non detect at the method detection limit

UJ = The analyte was not detected above the reported sample detection limit. However, the reported limit is approximate and may or may not represent the actual limit of detection.

J = The analyte was positively identified; however, the associated numerical value is an estimated concentration only.

UB = The analyte is considered nondetect at the listed value due to associated blank contamination.

X - Sample was re-collected due to elevated detection limit.

D - Concentration is based on a diluted sample analysis.

All results in milligram(s) per liter (mg/L).

Bold	Indicates detected value
	Detected value greater than the GWPS
	Non-detect value greater than the GWPS

Table 5. Table B - Todd Creek Target Levels

Union Carbide Corporation

Woodbine, Camden County, Georgia

Hazardous Constituent	CAS#	Proposed Todd Creek Target Level (µg/L)
2,4,5-T (Trichlorophenoxyacetic acid)	93-76-5	78,300
2,4-D (Dichlorophenoxyacetic acid)	94-75-7	70
2-Chlorophenol	95-57-8	150*
2-Methylnaphthalene	91-57-6	6,160
3-Methylphenol (m-Cresol)	108-39-4	146,865
4-Methylphenol (p-Cresol)	106-44-5	60,558
Acetone	67-64-1	7,653,384
Acetonitrile [h]	75-05-8	NTX
Aldicarb	116-06-3	10,363
Antimony	7440-36-0	10,720
Arsenic	7440-38-2	36*
Barium	7440-39-3	1,340,000
Carbon Disulfide	75-15-0	137,447
Chromium hexavalent	18540-29-9	50*
Chromium trivalent	16065-83-1	42*
Cyanide	57-12-5	1*
Ethylbenzene	100-41-4	2100*
Fluoride	16984-48-8	1,072,000
Formaldehyde	50-00-0	1,410
Methyl Ethyl Ketone	78-93-3	5,085,389
Methacrylonitrile	126-98-7	848
Methylene Chloride	75-09-2	590*
Naphthalene	91-20-3	113
Nickel [e]	7440-02-0	8.2*
Phenol	108-95-2	300*
Pyridine	110-86-1	8,476
Selenium	7782-49-2	71*
Silvex (2,4,5-TP)	93-72-1	50*
Sulfide [h]	NA	NTX
Toluene	108-88-3	5980*
Vanadium	7440-62-2	39,300
Xylenes	1330-20-7	379,459
Zinc	7440-66-6	81*
4-Chloroaniline	106-47-8	10
Dibenzofuran	132-64-9	18
1,4-Dichlorobenzene	106-46-7	190*
Fluorene	86-73-7	5300*
Phenanthrene [e]	85-01-8	238,000

Notes:

Risk-based screening levels are based on target risk of 1×10^{-6} and target hazard quotient of 1.

* = The Todd Creek Trigger Level is the Georgia Instream Water Quality Standard; if one does not exist, it is the risk-based calculated value.

[e] = Surrogates: Anthracene for phenanthrene, nickel soluble salts for nickel.

[h] = There is no recreational screening level for acetonitrile or sulfide due to lack of ingestion and dermal toxicity values.

NA = not assigned

NTX = a toxicity value is not available

µg/L = microgram(s) per liter

Table 6. Table A Groundwater Protection Standards
Union Carbide Corporation, Woodbine, Georgia

Hazardous Constituent	Concentration (µg/l)	Basis
2,4,5-T (Trichlorophenoxyacetic Acid)	122	ACL*
2,4-D (Dichlorophenoxyacetic Acid)	100	Table 1 from 40 CFR 264.94
2-Chlorophenol	71	ACL*
2-Methylnaphthalene	27	ACL*
3-Methylphenol (m-Cresol)	716	ACL*
4-Methylphenol (p-Cresol)	72	ACL*
Acetone	12714	ACL*
Acetonitrile	257	ACL*
Aldicarb	15	ACL*
Antimony	6	ACL*
Arsenic	50	Table 1 from 40 CFR 264.94
Barium	1000	Table 1 from 40 CFR 264.94
Carbon Disulfide	559	ACL*
Chromium	50	Table 1 from 40 CFR 264.94
Cyanide	200	ACL*
Ethylbenzene	700	ACL*
Fluoride	4000	ACL*
Formaldehyde	2	ACL*
Methyl Ethyl Ketone	6549	ACL*
Methacrylonitrile	1	ACL*
Methylene Chloride	5	ACL*
Naphthalene	1	ACL*
Nickel	100	ACL*
Phenol	4475	ACL*
Pyridine	15	ACL*
Selenium	10	Table 1 from 40 CFR 264.94
Silvex (2,4,5,-TP)	10	Table 1 from 40 CFR 264.94
Sulfide	Background	Background
Toluene	1000	ACL*
Vanadium	1	ACL*
Xylenes	10000	ACL*
Zinc	4674	ACL*
4-Chloroaniline	0.40	ACL**
Dibenzofuran	1.2	ACL**
1,4-dichlorobenzene	75	ACL**
Fluorine	43	ACL**
Phenanthrene	11	ACL**

*See Section 10 of the January 2011 permit application

** See Attachment B of the October 14, 2016 Union Carbide revised permit modification request

Permit Number: HW-063(D)

Union Carbide Corp., GAD981235294 is hereinafter referred to as the Permittee.

Table 7. Proposed Monitoring Well Network*Union Carbide Corporation, Woodbine, Georgia*

Well	Installation Date	Monitored Zone	Annual Sampling Location	Annual Water Level Measurement	Rationale
Background					
MW-1	1982	Shallow	X	X	Achieves background monitoring objectives.
MW-37	1986	Deep	X	X	Achieves background monitoring objectives.
Point of Compliance (POC)					
MW-6	1982	Shallow	X	X	Achieves monitoring objectives, used to monitor groundwater conditions along the POC.
MW-7	1982	Shallow	X	X	Achieves monitoring objectives, used to monitor groundwater conditions along the POC.
MW-8	1982	Shallow	X	X	Achieves monitoring objectives, used to monitor groundwater conditions along the POC.
MW-34	1986	Shallow	X	X	Achieves monitoring objectives, used to monitor groundwater conditions along the POC.
MW-38	1989	Shallow	X	X	Achieves monitoring objectives, used to monitor groundwater conditions along the POC.
MW-39	1989	Shallow	X	X	Achieves monitoring objectives, used to monitor groundwater conditions along the POC.
Todd Creek Sentinel Wells (TCS)					
MW-17	1984	Shallow	X	X	Achieves monitoring objectives, used to monitor groundwater downgradient of the landfill and groundwater discharging to Todd creek.
MW-18	1984	Deep	X	X	Location is needed to meet the Todd Creek monitoring objectives. An upward vertical gradient exists in this area.
MW-20	1984	Shallow	X	X	Achieves monitoring objectives, used to monitor groundwater downgradient of the landfill and groundwater discharging to Todd creek.
MW-21	1984	Deep	X	X	Achieves monitoring objectives, used to monitor groundwater downgradient of the landfill and groundwater discharging to Todd creek.
MW-23A	2021	Shallow	X	X	Achieves monitoring objectives, used to monitor groundwater downgradient of the landfill and groundwater discharging to Todd creek.

Table 7. Proposed Monitoring Well Network*Union Carbide Corporation, Woodbine, Georgia*

Well	Installation Date	Monitored Zone	Annual Sampling Location	Annual Water Level Measurement	Rationale
MW-24A	2021	Deep	X	X	Achieves monitoring objectives, used to monitor groundwater downgradient of the landfill and groundwater discharging to Todd creek.
MW-41	2006	Deep	X	X	Achieves monitoring objectives, used to monitor groundwater downgradient of the landfill and groundwater discharging to Todd creek.
MW-42	2006	Shallow	X	X	Achieves monitoring objectives, used to monitor groundwater downgradient of the landfill and groundwater discharging to Todd creek.
MW-25	1986	Deep		X	Remove from program. Collocated with MW-18 which is being retained to monitor the deep zone. This well is screened below surrounding deep zone wells.
MW-51	2012	Deep		X	Remove from program. Does not exceed GWPS, location is screened below 80 feet bgs and is not necessary to meet monitoring objectives. Collocated wells MW-41 and MW-42 are sufficient to monitor groundwater quality.
Interior (non-POC)					
MW-10	1982	Shallow	X	X	Achieves monitoring objectives. Used to monitor southern extent of contamination.
MW-16	1984	Deep	X	X	Achieves monitoring objectives, used to monitor groundwater downgradient of the landfill.
MW-19	1984	Deep	X	X	Achieves monitoring objectives, used to monitor groundwater downgradient of the landfill.
MW-22	1984	Deep	X	X	Achieves monitoring objectives, used to monitor groundwater downgradient of the landfill.
MW-31	1986	Deep	X	X	The well is located side gradient of landfill. Continue monitoring to confirm plume extent does not extend offsite. Currently, the only GWPS exceedance is formaldehyde which is stable and widespread.

Table 7. Proposed Monitoring Well Network
Union Carbide Corporation, Woodbine, Georgia

Well	Installation Date	Monitored Zone	Annual Sampling Location	Annual Water Level Measurement	Rationale
MW-32	1986	Shallow	X	X	The well is located side gradient of landfill. Continue monitoring to confirm plume extent does not extend offsite. As of September 2019, the only GWPS exceedance is formaldehyde which is stable and widespread.
MW-33	1986	Deep	X	X	Achieves monitoring objectives, used to monitor groundwater upgradient of the landfill.
MW-35	1986	Deep	X	X	The wells is located side gradient of landfill cells. Continue monitoring to ensure formeldehyde plume extent remains stable.
MW-36	1986	Shallow	X	X	Achieves monitoring objectives, used to monitor groundwater conditions within the landfill.
MW-40	2006	Deep	X	X	Achieves monitoring objectives, used to monitor groundwater conditions within the landfill.
MW-43	2006	Deep	X	X	The well is upgradient of the majority of the landfill cells. . Formaldehyde has a stable trend. Continue monitoring to ensure concentrations remain stable or decline.
MW-44	2006	Shallow	X	X	The well is upgradient of the majority of landfill cells. Formaldehyde has a stable trend at this location. Continue monitoring to ensure formaldehyde remains stable or declines.
MW-45	2006	Shallow	X	X	Achieves monitoring objectives, used to monitor groundwater conditions within the landfill.
MW-46	2006	Deep	X	X	Achieves monitoring objectives, used to monitor groundwater downgradient of the landfill.
MW-47	2006	Shallow	X	X	Achieves monitoring objectives, used to monitor groundwater conditions within the landfill.
MW-48	2006	Deep	X	X	Achieves monitoring objectives, used to monitor groundwater conditions within the landfill.

Table 7. Proposed Monitoring Well Network*Union Carbide Corporation, Woodbine, Georgia*

Well	Installation Date	Monitored Zone	Annual Sampling Location	Annual Water Level Measurement	Rationale
MW-50	2012	Deep	X	X	This location is no longer necessary for monitoring the operation of iSOC system; however, given the north central location at the site, continued use to monitor the extent of contamination in the deep aquifer is recommended.
MW-52	2012	Deep	X	X	Given the depth of the screen interval (84.75 to 89.75 feet below ground surface), continue monitoring to assess the potential for vertical migration.
MW-49	2012	Deep		X	Remove from program, location is not necessary to meet monitoring objectives as we are proposing to cease operation of iSOC system.
ISOC Performance Monitoring Wells					
TE-1	1997	Shallow			These wells were installed for monitoring the remediation system. The system is no longer in service; therefore, monitoring of the system is no longer required
TE-2	1997	Shallow			
TE-3	1997	Shallow			
ORP-1	1997	Shallow			
ORP-2	1997	Shallow			
ORP-3	1997	Shallow			

Notes:

Shading indicates location recommended for removal from the sampling program

bgs =Below Ground Surface

GWPS = Groundwater Protection Standard

Table 8. Modified Constituent List Rationale
Union Carbide Corporation, Woodbine, Georgia

Table A Parameters	GWPS (mg/L)	Number of GWPS Exceedances 2006-2022	Maximum Detection 2006-2022 (mg/L)	Recommendation	Rationale
2-Methylnaphthalene	0.027	13	0.051	include	GWPS exceedances have occurred at MW-7. Increasing MK trends observed at MW-10 and MW-19.
Pyridine	0.015	25	0.0939	include	As of September 2022, only MW-7 exceeds GWPS and the only other detection is at MW-48. MW-41 has an increasing MK trend.
2,4,5-T (Trichlorophenoxyacetic acid)	0.122	33	1.8	include	No exceedances of GWPS since 2017. Increasing MK trends observed at deep monitoring locations MW-25 and MW-31.
4-Methylphenol (P-Cresol)	0.072	7	0.22	include	MW-45 was the only location to exceed the GWPS in September 2022. All MK trends are declining or stable.
Naphthalene	0.001	116	0.21	include	2022 GWPS exceedances at POC, non-POC, and TCS wells. Increasing MK trends observed in both shallow and deep wells. Statistical exceedances in 2022.
Sulfide	3.72 ^a	286	336	include	Exceeded background concentration at POC (shallow only), non-POC, and TCS wells in 2022. Increasing MK trends were observed at deep zone monitoring locations.
Vanadium	0.001	449	0.263	include	September 2022 GWPS exceedances were observed at a number of wells in the shallow and deep zone. All concentrations below proposed TCTL. Increasing MK trends were observed at shallow and deep zone monitoring locations, including background monitoring locations.
Formaldehyde	0.042 ^b	600	4.8	include	In 2022, GWPS exceedances were observed at shallow and deep wells. Increasing MK trends were observed in shallow well MW-20 and deep zone monitoring well MW-37. Statistical exceedances in 2022. Trends were stable or decreasing at all other monitoring locations.
3-Methylphenol (M-Cresol)	0.716	0	0.34	include	No historical exceedance of GWPS. No current statistical exceedance. One location (MW-45) exhibits an increasing MK trend.
Carbon Disulfide	0.559	0	0.032	include	No historical exceedance of GWPS. No current statistical exceedance. An increasing MK trend reported for 18 of the well locations.

Table 8. Modified Constituent List Rationale
Union Carbide Corporation, Woodbine, Georgia

Table A Parameters	GWPS (mg/L)	Number of GWPS Exceedances 2006-2022	Maximum Detection 2006-2022 (mg/L)	Recommendation	Rationale
Arsenic	0.05	1	0.163	include	One historical exceedance of GWPS (MW-43 in 2006). No current statistical exceedance. Increasing MK trends at 5 locations based on consistent detections.
Toluene	1	0	0.0231	include	No historical exceedance of GWPS. No current statistical exceedance. Increasing MK trend at 6 locations.
Barium	1	0	0.802	include	No historical exceedance of GWPS. No current statistical exceedance. Increasing MK trends at 10 locations.
4-Chloroaniline	0.0004	9	0.005	include	No detections in any well since 2014. Meets criteria for removal; however, results are inconclusive because the laboratory reporting limit is greater than the GWPS.
Acetone	12.714	0	1.9	include	No historical exceedance of GWPS. Increasing MK trends at POC, non-POC, and TCS wells. The highest detected value (1.9 mg/L in MW-07 in 2007) was well below the GWPS. Historically disposed in the landfill.
Aldicarb (sulfide, sulfoxide, and sulfone)	0.015	1	0.022	include	Only one historical exceedance (April 2008 at MW-48) of GWPS. Historically disposed in the landfill.
Methylene chloride (Dichloromethane)	0.005	16	0.0477	include	Detected at two deep monitoring wells (MW-33 and MW-41) in September 2022. The most recent GWPS exceedances were in March 2012. Where present, MK trends are stable or decreasing. Historically disposed in the landfill.
Acetonitrile	0.257	19	1.8	remove	Detected in monitoring wells in the last 3 years but below the GWPS. Has not exceeded the GWPS since 2014. MK trends have been stable or decreasing for the past 3 years.
Dibenzofuran	0.0012	1	0.002	remove	Constituent has only been detected at one location (MW-7) with one historical exceedance (0.0020 mg/L in September 2017) of the GWPS. MK trends have been stable or decreasing for the past 3 years.
2-Chlorophenol	0.071	0	0.00246	remove	No detections in any well for the past 3 years. No historical exceedance of GWPS. No current statistical exceedance.
Silvex (2,4,5-TP)	0.01	1	0.0472	remove	No detected concentrations in the past 3 years. One historical exceedance of GWPS in 2006. No current statistical exceedance.

Table 8. Modified Constituent List Rationale
Union Carbide Corporation, Woodbine, Georgia

Table A Parameters	GWPS (mg/L)	Number of GWPS Exceedances 2006-2022	Maximum Detection 2006-2022 (mg/L)	Recommendation	Rationale
1,4-Dichlorobenzene	0.075	0	0.004	remove	No historical exceedance of GWPS. No current statistical exceedance
Fluorene	0.043	0	0.001	remove	No historical exceedance of GWPS. No current statistical exceedance.
Methyl ethyl ketone (2-Butanone)	6.549	0	0.25	remove	No historical exceedance of GWPS. No current statistical exceedance.
Nickel	0.1	0	0.025	remove	No historical exceedance of GWPS. No current statistical exceedance.
Phenanthrene	0.011	0	0.001	remove	No historical exceedance of GWPS. No current statistical exceedance.
Phenol	4.475	0	0.98	remove	No historical exceedance of GWPS. No current statistical exceedance.
2,4-D (Dichlorophenoxyacetic acid)	0.1	1	0.67	remove	Only one historical exceedance (March 2012 at MW-48) of GWPS. No current statistical exceedance. All MK trends are decreasing or stable.
Methylacrylonitrile	0.001	10	1.47	remove	All results are below the GWPS since 2015 and are non-detect since 2018. No current statistical exceedance. Where present, MK trends are stable.
Ethylbenzene	0.7	0	0.043	remove	No historical exceedance of the GWPS. There is an Increasing MK trend at 4 locations (MW-7, MW-19, MW-20, MW-33). All detected results are orders of magnitude less than the GWPS. The highest MW-7 concentration since 2009 (0.0046 mg/L) is well below the GWPS.
Antimony	0.006	0	0.0013	remove	No historical exceedance of GWPS. No current statistical exceedance. Where present, MK trends are stable or decreasing.
Fluoride	4	0	1.7	remove	No historical exceedance of GWPS. No current statistical exceedance. Increasing MK trends at 4 locations based on concentrations well below the GWPS (less than 1 mg/L).
Xylene	10	0	0.18	remove	No historical exceedance of GWPS. No current statistical exceedance. Increasing MK trends at 3 locations all with concentrations orders of magnitude below the GWPS.

Table 8. Modified Constituent List Rationale*Union Carbide Corporation, Woodbine, Georgia*

Table A Parameters	GWPS (mg/L)	Number of GWPS Exceedances 2006-2022	Maximum Detection 2006-2022 (mg/L)	Recommendation	Rationale
Zinc	4.674	0	0.372	remove	No historical exceedance of GWPS. No current statistical exceedance. Increasing MK trends at 2 locations (MW-24 and MW-48). MW-24 is based on 3 detections; therefore, it is considered indeterminate. MW-48 are based on a limited number of detections all of which are well below the GWPS. The highest concentration reported for these locations from 2009 to 2022 was 0.16 mg/L at MW-48.
Chromium	0.05	2	0.301	remove	Two historical exceedances of GWPS (October 2006 at MW-43 and March 2012 at MW-51). No current statistical exceedance. Increasing MK trend at 2 POC wells MW-7 (max detect 0.0032 J mg/L) and MW-33 (max detect 0.004 J mg/L).
Selenium	0.01	2	0.0457	remove	Four wells, including background location MW-01, (MW-17, MW-36, MW-42) have increasing MK trends. Only two exceedance of GWPS (October 2006 at MW-43 and November 2007 at MW-48). No current statistical exceedance.
Cyanide	0.2	1	0.21	remove	Only one historical exceedance of GWPS (March 2019 at MW-45). No current statistical exceedance. All MK trends reported are decreasing or stable.

Notes:

Shaded constituents are recommended for removal from Table A

a. Background value

b. The maximum detected result of 0.042 mg/L is used instead of the GWPS because the distribution of formaldehyde detection is non-parametric and the background result is greater than the regulatory standard of 0.002 mg/L.

MK = Mann-Kendall

The MK analysis used for this evaluation was for the period of 2006 to 2020 and is provided as Table 3

GWPS = groundwater protection standard

mg/L = milligrams per liter

POE = point of exposure

TCS = Todd Creek Sentinel

TCTL = Todd Creek Target Limit

Table 9. Table A-1. Modified Constituent Monitoring List

Union Carbide Corporation

Woodbine, Camden County, Georgia

Hazardous Constituent	CAS#
2,4,5-T (Trichlorophenoxyacetic acid)	93-76-5
2-Methylnaphthalene	91-57-6
3-Methylphenol (m-cresol)	108-39-4
4-Chloroaniline	106-47-8
4-Methylphenol (p-cresol)	106-44-5
Acetone	67-64-1
Aldicarb	116-06-3
Arsenic	7440-38-2
Barium	7440-39-3
Carbon disulfide	75-15-0
Formaldehyde	50-00-0
Methylene chloride	75-09-2
Naphthalene	91-20-3
Pyridine	110-86-1
Sulfide	NA
Toluene	108-88-3
Vanadium	7440-62-2

NA = not assigned

Table 10. Tidal Datums for St. Simons Island Lighthouse Station, Station ID 8677344

Union Carbide Corporation, Woodbine, Georgia

(Accepted September 27, 2011)

Datum	Elevation (feet, above mean sea level)	Elevation (feet, NAVD88)
Mean Higher High Water	3.63	2.97
Mean High Water	3.26	2.6
North American Vertical Datum of 1988	0.66	0
Diurnal Tide Level	0.03	-0.63
Mean Sea Level	0	-0.66
Mean Tide Level	-0.05	-0.71
Mean Low Water	-3.36	-4.02
Mean Lower Low Water	-3.57	-4.23

NAVD88 – North American Vertical Datum of 1988

The North American Vertical Datum of 1988 is at an elevation of 4.23 feet above the mean lower low water based on the National Oceanic and Atmospheric Administration tidal datum.

Table 11. Streambank Stabilization Plan Design Elements*Union Carbide Corporation, Woodbine, Georgia*

Technology	Description
Bank grading	Grade the existing bank to 2H:1V to reduce the slope's angle to stable configuration that is less than the angle of repose of the native soil.
Stone toe protection	Stone is placed longitudinally along the toe of slope up to the height of expected tidal current erosion or mean high water. As scour holes form at the toe, a portion of the placed stone self-launches to line the advancing edge of the scour hole and reduce the rate of future toe of streambank erosion.
Terrace	Modify the continuous bank slope to incorporate a level bench for construction activities and potential long-term maintenance. From existing, bank slope can be stepped bank (retreating the shoreline) or stepped forward (advancing the shoreline).
Stone revetment	Stone extends across each stabilization area between the stone keys and is intended to protect the slope from erosion during normal tidal fluctuations and provide wave protection during a 2- to 5-year return period storm.
Stone keys	Located at the upstream and downstream extent of each stabilization area and extend from the stone toe protection to the top of bank. The stone keys are an extension of the stone toe protection and provide a source of self-launching material that provides protection against erosion and flanking.
Revegetation	The top of bank (ground surface above the slope) and slope above the stone revetment are revegetated to protect the earthen slope from erosion.

Table 12. Permits and Approvals for Todd Creek Corrective Action

Union Carbide Corporation, Woodbine, Georgia

Permit/Approval	Administering/ Involved Agencies	Major Requirements	Involvement
Clean Water Act, Section 404; (USACE Nationwide Permit, or Individual Standard Permit)	USACE, Savannah District	Jurisdictional Determination and Approval	Field effort/Authorization
		Section 404 Permit Joint Application with Georgia Coastal Marshlands Protection Act	Submittal, agency review, interagency coordination. Possible public comment period depending on permit.
	GADNR Environmental Protection Division	Section 401 Water Quality Certification	Consultation/Authorization
	GADNR Environmental Protection Division Coastal Resources Division	Coastal Zone Management Act – Coastal Zone Consistency	Consultation/Authorization
	Various Tribes	Tribal Consultation	Consultation/Authorization
	GADNR, Historic Preservation Division	National Historic Preservation Act, Section 106 Consultation	Desktop Review/Field Surveys/Consultation with SHPO
	U.S. Fish and Wildlife Service	Endangered Species Act Section 7 Consultation	Desktop Review/Field Surveys/Consultation
		Endangered Species Act Section 7 Consultation, Migratory Bird Treaty Act	Desktop Review/Field Surveys/Consultation
	U.S. Fish and Wildlife Service National Oceanic and Atmospheric Administration National Marine Fisheries Service	Endangered Species Act Section 7 Consultation, Marine Mammal Protection Act Magnuson–Stevens Fishery Conservation and Management Act	Desktop Review/Field Surveys/Consultation
			Essential Fish Habitat Assessment Consultation
			Vessel Strike Avoidance Measures
	GADNR Wildlife Resources Division	Georgia Listed Species Consultation	Desktop Review/Field Surveys/Consultation
Georgia Coastal Marshlands Protection Act Permit	GADNR Coastal Resources Division	Joint Application with USACE	Submittal, agency review, public review
		Jurisdictional Determination and Approval	Field effort/Authorization
		Revocable License Request	Authorization
		Permanent Easement Request	Establishment or expansion of existing easements
		Coastal Zone Management Act – Coastal Zone Consistency	Authorization

Table 12. Permits and Approvals for Todd Creek Corrective Action

Union Carbide Corporation, Woodbine, Georgia

Permit/Approval	Administering/ Involved Agencies	Major Requirements	Involvement
Georgia Stream Buffer Variance	GADNR Environmental Protection Division	Stream Buffer Variance	Consultation/Authorization
National Pollutant Discharge Elimination System Permit	GADNR Environmental Protection Division Camden County	National Pollutant Discharge Elimination System Permit for Stormwater Discharges from Construction Activities (General Permit No. GAR 100001)	Consultation/Authorization
Local Permits (Local Issuing Authority, Zoning, Building, etc.)	Camden County	Project details for submittal	Obtaining various local permits

Notes:

GADNR = Georgia Department of Natural Resources

USACE = U.S. Army Corps of Engineers

Table 13. Todd Creek Sentinel Wells

Union Carbide Corporation, Woodbine, Georgia

Upgradient POC Wells	Shallow TCS Wells	Deep TCS Wells
MW-6	MW-23A	MW-24A
MW-7	MW-20	MW-21
MW-8	MW-17	MW-18
MW-34	MW-42	MW-41
MW-38	MW-38*	--
MW-39	MW-39*	--

Notes:

* No downgradient sentinel well

-- = not applicable

POC = Point of Compliance

TCS = Todd Creek Sentinel

Table 14. Landfill Inspection Frequency*Union Carbide Corporation, Woodbine, Georgia*

Landfill Activity	Current Frequency	Proposed Frequency
Routine Inspections	Monthly	Monthly
Inspection after storm	After 2 inches of rainfall within 24 hours	After 2 inches of rainfall within 24 hours
Landfill Inspections	Quarterly	Quarterly
Analyze Topsoil	Annually	As needed
O&M Activities Summary Submittal to State	Semiannually, with groundwater report	Annually
Monitoring Well Inspection	Quarterly	Semiannually
Settlement markers	Surveyed per current permit	Surveyed as needed
iSOC system inspection	Monthly	Monthly, while active

Notes:

iSOC = in-situ Submerged Oxygen Curtain

Table 15. Control Plan*Union Carbide Corporation, Woodbine, Georgia*

No.	Activity	Frequency	Measurement/ Observation	Response Trigger	Response	Documentation
1.1	Routine Inspections	Once per calendar month. More frequent inspections may be conducted at the discretion of UCC	Fence, gate, and lock	Hole in fence, damaged gate, broken or missing lock.	Repair fence/gate, replace lock.	Routine Inspection Log
1.2			Grass condition	Length of grass – grass height must be short enough to enable visual identification of animal burrows and other cap deterioration.	Cut grass as needed.	Routine Inspection Log
1.3			Grass condition	Non-seasonal grass die-off.	Establish action plan to investigate and address - record on activity/maintenance log.	Routine Inspection Log
1.4			Invasive insect damage	Visual observation of insect mounds or other insect damage in cover.	Remove, destroy, or deter invasive insects based on the type and location. Determine if other cap repairs are needed.	Mark approximate location on Site Map and attach to Routine Inspection Log.
1.5			Armadillos, gopher tortoises, or other burrowing animals inside landfill cells	Armadillos, gopher tortoises, or other animals observed in landfill cells.	Flag burrows, set traps, and relocate animals. Once removed, backfill holes/burrows and inspect nearby landfill fence for breaches.	Mark approximate location on Site Map and attach to Routine Inspection Log.
2.1	Inspection after 2 inches of rainfall within 24 hours	Within 5 working days following a storm when conditions are deemed safe	Inspect ditches, landfill cover, and fence.	Soil erosion in ditches or landfill cover.	Establish action plan to repair erosion and/or fences – record on activity/maintenance log.	Routine Inspection Log

Table 15. Control Plan*Union Carbide Corporation, Woodbine, Georgia*

No.	Activity	Frequency	Measurement/ Observation	Response Trigger	Response	Documentation
3.1	Quarterly Inspection	One per calendar quarter	Landfill Checklist Items	Bare spots on and adjacent to the landfill, erosion, subsidence, animal burrows or insect damage. Damage to the fence, gate, lock, or signage.	Add soil and soil amendments as needed and re-seed. If settlement is observed, the cap will be repaired as needed. Flag burrows and trap/relocate animal; treat for insects. Repair/replace fencing, gate, lock, or signage.	Quarterly Inspection Log
			Digital photos of grass	Non-seasonal grass die-off	Establish action plan to investigate and address.	Photo location Digital photo album
4.1	Submit summary of operations and maintenance activities to State.	Annually with groundwater monitoring report	Landfill photos and log sheets	NA	NA	Submittal of the status of follow-up maintenance activities and overall condition of cover, included with groundwater monitoring report.

Table 15. Control Plan*Union Carbide Corporation, Woodbine, Georgia*

No.	Activity	Frequency	Measurement/ Observation	Response Trigger	Response	Documentation
5.1	Monitoring Well Inspection	Twice per calendar year	Monitoring Well Condition	Concrete pad cracked/loose Well casing notched/marked Well casing chipped Weeds/Brush/Vines Ponding Lock replacement/repair Well clearly labeled Well accessible Sediment in well Outer well cover intact Biological infestation Open weep holes Ant mounds	Repair Notch/mark Repair Remove Repair Replace/lubricate Label Remove obstruction Redevelop Repair Remove Remove obstruction Remove	Monitoring Well Inspection Form

Notes:

NA = not available

The activities listed in this table constitutes full compliance with Georgia and Federal Hazardous Waste Regulations §264.97 for the maintenance requirements of monitoring wells; §264.117 for the maintenance and monitoring of waste containment systems requirements; and §264.310 for the landfill cover.

Table 16. Landfill Inspection Criteria

Union Carbide Corporation, Woodbine, Georgia

Item	Inspection Criteria
Landfill cover	There should be no evidence of subsidence or erosion or bare areas of soil on or adjacent to the landfill. There should be no animal burrow or invasive insect damage in the cap. <u>Note:</u> Any gopher tortoise, armadillo, or other animal burrows will be flagged, traps set, and the animal relocated. Grass should fully blanket the cap. Vegetation height should be low enough to discourage brush or tree growth, enable visual identification of animal burrows, and identify cap deterioration.
Runoff ditches	There should be minimal erosion. Grass should blanket the ditches with minimal evidence of bare spots.
Landfill fence	The fence and gate should be in good repair such that access is secure. The gate should be locked. The "Danger-Unauthorized Personnel Keep Out" signs should be posted at each gate and at approximately 300-foot intervals and visible from 25 feet away.

Table 17. Depth and Acreage of Landfill Cells
Union Carbide Corporation, Woodbine, Georgia

Cell	Area (acres)	Depth (feet)	Comments*
A	4.53	10	Cell bottom above water table
B	0.29	20	Cell bottom below water table
C	3.14	20	Cell bottom below water table
D	1.10	20	Cell bottom below water table
E	2.59	10	Cell bottom above water table
F	0.28	20	Cell bottom below water table
G	0.27	20	Cell bottom below water table
H	1.36	20	Cell bottom below water table
I	3.54	20	Cell bottom below water table
J	0.74	10	Cell bottom above water table
K	2.87	10	Cell bottom above water table
Industrial (west side)	0.94	Not Known	Not known
Industrial (east side)	1.87	Not Known	Not known

* at time of construction

Table 18. SWMU 2 Historical Soil Sample Results (Phase I)
Union Carbide Corporation, Woodbine, Georgia

		Analytical ID RFI Phase Type	SS-201 1993 Phase 1 RFI Surface Soil	SS-202 1993 Phase 1 RFI Surface Soil	SS-203 1993 Phase 1 RFI Surface Soil	SS-204 1993 Phase 1 RFI Surface Soil
Parameter Name	Unit	Applicable Standard				
Barium	mg/kg	15,000*	7.5	6.9	7.8	7.7
Chromium, total	mg/kg	230**	2.7	3.5	3.5	3.2
Lead	mg/kg	400*	3.2	3.1	4.8	3.5
Mercury	mg/kg	6.7*	0.027	0.02	0.03	0.013
1,1,1-Trichloroethane	mg/kg	9,000*	0.029	ND	ND	ND
Tetrachloroethene	mg/kg	0.57*	0.034	0.0056	0.021	ND
Toluene	mg/kg	5,000*	0.0067	ND	0.011	ND
1,2,4-Trimethylbenzene	mg/kg	67*	0.0073	0.0066	0.016	ND
Xylenes, total	mg/kg	6.7*	ND	ND	0.0059	0.013

mg/kg - milligrams/kilogram

* Regional Screening Levels for Chemical Contaminants at Superfund Sites 2008 - Residential Soils

** Regional Screening Levels for Chemical Contaminants at Superfund Sites 2008 - Residential Soils (Chromium VI (particulates))

Table 19. SWMU 3 Buried CS Trench, Buried Nuchar Trench, and Surface Debris Area Historical Soil Sample Results (Phase I)
Union Carbide Corporation, Woodbine, Georgia

			Analytical ID	SS-301	SS-302	SS-303	SS-304	SS-305	SS-306
			RFI Phase	1993 Phase 1 RFI	1993 Phase 1 RFI	1993 Phase 1 RFI	1993 Phase 1 RFI	1993 Phase 1 RFI	1993 Phase 1 RFI
			Type	Surface Soil	Surface Soil	Surface Soil	Surface Soil	Surface Soil	Surface Soil
Parameter Name	Unit	Applicable Standard							
Barium	mg/kg	15,000*		7.6	11	9.1	7.4	6.4	9.2
Chromium, total	mg/kg	230**		3.8	4.9	2.4	1.9	3	3.4
Lead	mg/kg	400*		8.9	8.2	6.1	4.3	2.9	4.8
Mercury	mg/kg	6.7*		0.051	0.021	0.025	0.029	0.022	0.026

mg/kg - milligrams/kilogram

* Regional Screening Levels for Chemical Contaminants at Superfund Sites 2008 - Residential Soils

** Regional Screening Levels for Chemical Contaminants at Superfund Sites 2008 - Residential Soils (Chromium VI (particulates))

Table 20. Historical Groundwater Sample Results
Union Carbide Corporation, Woodbine, Georgia

Monitoring Well ID RFI Phase Investigation Area			MW-301 1993 Phase 1 RFI	MW-301 1996 Phase 2 RFI	MW-301 1997 Phase 2 Add'm	MW-302 1993 Phase 1 RFI
Parameter Name	Unit	Applicable Standard				
Arsenic	mg/L	0.045*	ND	0.01	ND	ND
Barium	mg/L	7,300*	ND	0.53	ND	0.019
Cadmium	mg/L	18*	ND	ND	ND	ND
Chromium, total	mg/L	110**	ND	0.23	ND	ND
Lead	mg/L	15***	ND	0.031	ND	ND
Mercury	mg/L	0.63*	ND	0.00058	ND	ND
1,1,2-trichloroethane	mg/L	0.24*	ND	ND		ND
cis-1,2-dichloroethene	mg/L	370*	ND	ND		ND
2,4 - Dimethylphenol	mg/L	730	ND	ND		ND
Aldicarb	mg/L	37*	ND	ND		ND
Acetone	mg/L	22000				
Benzene	mg/L	0.41	ND	ND		ND
Ethylbenzene	mg/L	1.5	ND	ND		ND
Xylenes	mg/L	200	ND	ND		ND
bis(2-ethyhexyl)phthalate	mg/L	4.8	ND	ND		ND
Naphthalene	mg/L	6.2*	ND	ND		ND

mg/L - milligrams/Liter

* Regional Screening Levels for Chemical Contaminants at Superfund Sites -
 Tapwater

** Regional Screening Levels for Chemical Contaminants at Superfund Sites 2008 -
 Tapwater (Chromium VI (chromic acid mists))

*** - Maximum Contaminant Level

Table 20. Historical Groundwater Sample Results
Union Carbide Corporation, Woodbine, Georgia

Monitoring Well ID RFI Phase Investigation Area			MW-302 1996 Phase 2 RFI	MW-302 1997 Phase 2 Add'm SWMU 3	MW-303 1993 Phase 1 RFI	MW-303 1996 Phase 2 RFI
Parameter Name	Unit	Applicable Standard				
Arsenic	mg/L	0.045*	0.031	ND	ND	0.017
Barium	mg/L	7,300*	0.41	0.012	0.02	0.29
Cadmium	mg/L	18*	0.009	ND	ND	ND
Chromium, total	mg/L	110**	0.22	ND	ND	0.15
Lead	mg/L	15***	0.057	ND	ND	0.03
Mercury	mg/L	0.63*	0.00056	ND	ND	0.00036
1,1,2-trichloroethane	mg/L	0.24*	ND		ND	ND
cis-1,2-dichloroethene	mg/L	370*	ND		ND	ND
2,4 - Dimethylphenol	mg/L	730	ND		ND	ND
Aldicarb	mg/L	37*	ND		ND	ND
Acetone	mg/L	22000				
Benzene	mg/L	0.41	ND		ND	ND
Ethylbenzene	mg/L	1.5	ND		ND	ND
Xylenes	mg/L	200	ND		ND	ND
bis(2-ethyhexyl)phthalate	mg/L	4.8	ND		ND	ND
Naphthalene	mg/L	6.2*	ND		ND	ND

mg/L - milligrams/Liter

* Regional Screening Levels for Chemical Contaminants at Superfund Sites -
Tapwater

** Regional Screening Levels for Chemical Contaminants at Superfund Sites 2008 -
Tapwater (Chromium VI (chromic acid mists))

*** - Maximum Contaminant Level

Table 20. Historical Groundwater Sample Results
Union Carbide Corporation, Woodbine, Georgia

Monitoring Well ID RFI Phase Investigation Area			MW-304 1996 Phase 2	MW-304 1997 Phase 2 Add'm	MW-305 1996 Phase 2
Parameter Name	Unit	Applicable Standard			
Arsenic	mg/L	0.045*	ND	ND	ND
Barium	mg/L	7,300*	0.25	ND	0.22
Cadmium	mg/L	18*	ND	ND	ND
Chromium, total	mg/L	110**	0.12	ND	0.088
Lead	mg/L	15***	0.034	ND	0.021
Mercury	mg/L	0.63*	0.00034	ND	0.00042
1,1,2-trichloroethane	mg/L	0.24*	ND		ND
cis-1,2-dichloroethene	mg/L	370*	ND		ND
2,4 - Dimethylphenol	mg/L	730	ND		ND
Aldicarb	mg/L	37*	ND		ND
Acetone	mg/L	22000			
Benzene	mg/L	0.41	ND		ND
Ethylbenzene	mg/L	1.5	ND		ND
Xylenes	mg/L	200	ND		ND
bis(2-ethyhexyl)phthalate	mg/L	4.8	ND		ND
Naphthalene	mg/L	6.2*	ND		ND

mg/L - milligrams/Liter

* Regional Screening Levels for Chemical Contaminants at Superfund Sites -
 Tapwater

** Regional Screening Levels for Chemical Contaminants at Superfund Sites 2008 -
 Tapwater (Chromium VI (chromic acid mists))

*** - Maximum Contaminant Level

Table 20. Historical Groundwater Sample Results
Union Carbide Corporation, Woodbine, Georgia

Monitoring Well ID RFI Phase Investigation Area			MW-305 1997 Phase 2 Add'm	MW-401 1993 Phase 1 RFI	MW-401 1996 Phase 2 RFI
Parameter Name	Unit	Applicable Standard			
Arsenic	mg/L	0.045*	ND	ND	0.15
Barium	mg/L	7,300*	ND	0.097	1.7
Cadmium	mg/L	18*	ND	ND	0.015
Chromium, total	mg/L	110**	ND	ND	0.32
Lead	mg/L	15***	ND	0.005	0.1
Mercury	mg/L	0.63*	ND	ND	0.0013
1,1,2-trichloroethane	mg/L	0.24*		ND	0.005
cis-1,2-dichloroethene	mg/L	370*		0.028	ND
2,4 - Dimethylphenol	mg/L	730		ND	ND
Aldicarb	mg/L	37*		ND	ND
Acetone	mg/L	22000			
Benzene	mg/L	0.41		ND	ND
Ethylbenzene	mg/L	1.5		ND	ND
Xylenes	mg/L	200		ND	ND
bis(2-ethyhexyl)phthalate	mg/L	4.8		ND	ND
Naphthalene	mg/L	6.2*		ND	ND

mg/L - milligrams/Liter

* Regional Screening Levels for Chemical Contaminants at Superfund Sites -
 Tapwater

** Regional Screening Levels for Chemical Contaminants at Superfund Sites 2008 -
 Tapwater (Chromium VI (chromic acid mists))

*** - Maximum Contaminant Level

Table 20. Historical Groundwater Sample Results
Union Carbide Corporation, Woodbine, Georgia

Monitoring Well ID RFI Phase Investigation Area			MW-401 1997 Phase 2 Add'm	MW-402 1993 Phase 1 RFI	MW-402 1996 Phase 2 RFI
			SWMU 4 - Acetone Pond		
Parameter Name	Unit	Applicable Standard			
Arsenic	mg/L	0.045*	ND	0.011	0.16
Barium	mg/L	7,300*	0.037	0.12	2.3
Cadmium	mg/L	18*	ND	ND	0.009
Chromium, total	mg/L	110**	ND	0.017	0.11
Lead	mg/L	15***	ND	0.0058	0.16
Mercury	mg/L	0.63*	ND	ND	0.0012
1,1,2-trichloroethane	mg/L	0.24*		ND	ND
cis-1,2-dichloroethene	mg/L	370*		ND	ND
2,4 - Dimethylphenol	mg/L	730		ND	ND
Aldicarb	mg/L	37*		ND	ND
Acetone	mg/L	22000	ND		
Benzene	mg/L	0.41		ND	ND
Ethylbenzene	mg/L	1.5		ND	ND
Xylenes	mg/L	200		ND	ND
bis(2-ethyhexyl)phthalate	mg/L	4.8		ND	ND
Naphthalene	mg/L	6.2*		ND	ND

mg/L - milligrams/Liter

* Regional Screening Levels for Chemical Contaminants at Superfund Sites -
Tapwater

** Regional Screening Levels for Chemical Contaminants at Superfund Sites 2008 -
Tapwater (Chromium VI (chromic acid mists))

*** - Maximum Contaminant Level

Table 20. Historical Groundwater Sample Results
Union Carbide Corporation, Woodbine, Georgia

Monitoring Well ID RFI Phase Investigation Area			MW-402 1997 Phase 2 Add'm	MW-403 1993 Phase 1 RFI	MW-403 1996 Phase 2 RFI
Parameter Name	Unit	Applicable Standard			
Arsenic	mg/L	0.045*	ND	0.011	0.02
Barium	mg/L	7,300*	0.039	0.036	0.24
Cadmium	mg/L	18*	ND	ND	ND
Chromium, total	mg/L	110**	ND	ND	0.058
Lead	mg/L	15***	ND	ND	0.018
Mercury	mg/L	0.63*	ND	ND	0.00024
1,1,2-trichloroethane	mg/L	0.24*		ND	ND
cis-1,2-dichloroethene	mg/L	370*		ND	ND
2,4 - Dimethylphenol	mg/L	730		ND	ND
Aldicarb	mg/L	37*		ND	ND
Acetone	mg/L	22000			
Benzene	mg/L	0.41		ND	ND
Ethylbenzene	mg/L	1.5		ND	ND
Xylenes	mg/L	200		ND	ND
bis(2-ethyhexyl)phthalate	mg/L	4.8		ND	ND
Naphthalene	mg/L	6.2*		ND	ND

mg/L - milligrams/Liter

* Regional Screening Levels for Chemical Contaminants at Superfund Sites -
 Tapwater

** Regional Screening Levels for Chemical Contaminants at Superfund Sites 2008 -
 Tapwater (Chromium VI (chromic acid mists))

*** - Maximum Contaminant Level

Table 20. Historical Groundwater Sample Results
Union Carbide Corporation, Woodbine, Georgia

Monitoring Well ID RFI Phase Investigation Area			MW-403 1997 Phase 2 Add'm	MW-404 1993 Phase 1 RFI	MW-404 1996 Phase 2 RFI SWMU 4 - Borrow Pit
Parameter Name	Unit	Applicable Standard			
Arsenic	mg/L	0.045*	ND	0.017	0.04
Barium	mg/L	7,300*	0.022	0.038	0.36
Cadmium	mg/L	18*	ND	ND	ND
Chromium, total	mg/L	110**	ND	ND	0.077
Lead	mg/L	15***	ND	ND	0.02
Mercury	mg/L	0.63*	ND	ND	0.00048
1,1,2-trichloroethane	mg/L	0.24*		ND	ND
cis-1,2-dichloroethene	mg/L	370*		ND	ND
2,4 - Dimethylphenol	mg/L	730		ND	ND
Aldicarb	mg/L	37*		ND	ND
Acetone	mg/L	22000			
Benzene	mg/L	0.41		ND	ND
Ethylbenzene	mg/L	1.5		ND	ND
Xylenes	mg/L	200		ND	ND
bis(2-ethyhexyl)phthalate	mg/L	4.8		ND	ND
Naphthalene	mg/L	6.2*		ND	ND

mg/L - milligrams/Liter

* Regional Screening Levels for Chemical Contaminants at Superfund Sites -
Tapwater

** Regional Screening Levels for Chemical Contaminants at Superfund Sites 2008 -
Tapwater (Chromium VI (chromic acid mists))

*** - Maximum Contaminant Level

Table 20. Historical Groundwater Sample Results
Union Carbide Corporation, Woodbine, Georgia

Monitoring Well ID RFI Phase Investigation Area			MW-404 1997 Phase 2 Add'm	MW-501 1993 Phase 1 RFI	MW-501 1996 Phase 2 RFI SWMU 5	MW-501 1997 Phase 2 Add'm
Parameter Name	Unit	Applicable Standard				
Arsenic	mg/L	0.045*	ND	0.026	0.011	ND
Barium	mg/L	7,300*	0.03	0.092	0.2	0.035
Cadmium	mg/L	18*	ND	ND	ND	ND
Chromium, total	mg/L	110**	ND	ND	0.029	ND
Lead	mg/L	15***	ND	ND	0.01	ND
Mercury	mg/L	0.63*	ND	ND	ND	ND
1,1,2-trichloroethane	mg/L	0.24*		ND	ND	
cis-1,2-dichloroethene	mg/L	370*		ND	ND	
2,4 - Dimethylphenol	mg/L	730		ND	ND	
Aldicarb	mg/L	37*		ND	ND	
Acetone	mg/L	22000				
Benzene	mg/L	0.41		ND	ND	
Ethylbenzene	mg/L	1.5		ND	ND	
Xylenes	mg/L	200		ND	ND	
bis(2-ethyhexyl)phthalate	mg/L	4.8		ND	ND	
Naphthalene	mg/L	6.2*		0.018	ND	

mg/L - milligrams/Liter

* Regional Screening Levels for Chemical Contaminants at Superfund Sites -
 Tapwater

** Regional Screening Levels for Chemical Contaminants at Superfund Sites 2008 -
 Tapwater (Chromium VI (chromic acid mists))

*** - Maximum Contaminant Level

Table 20. Historical Groundwater Sample Results
Union Carbide Corporation, Woodbine, Georgia

		Monitoring Well ID	MW-602	MW-602	MW-602	MW-603
		RFI Phase	1993 Phase 1 RFI	1996 Phase 2 RFI	1997 Phase 2 Add'm	1993 Phase 1 RFI
		Investigation Area	SWMU 6 - Surface Disposal/Disposal Trench #1			
Parameter Name	Unit	Applicable Standard				
Arsenic	mg/L	0.045*	0.016	0.086	ND	0.016
Barium	mg/L	7,300*	0.088	0.27	0.017	0.1
Cadmium	mg/L	18*	ND	ND	ND	ND
Chromium, total	mg/L	110**	0.015	0.059	ND	ND
Lead	mg/L	15***	ND	0.02	ND	ND
Mercury	mg/L	0.63*	ND	0.0002	ND	ND
1,1,2-trichloroethane	mg/L	0.24*	ND	ND		ND
cis-1,2-dichloroethene	mg/L	370*	ND	ND		ND
2,4 - Dimethylphenol	mg/L	730	ND	ND		ND
Aldicarb	mg/L	37*	ND	0.00005		ND
Acetone	mg/L	22000				
Benzene	mg/L	0.41	ND	ND		ND
Ethylbenzene	mg/L	1.5	ND	ND		ND
Xylenes	mg/L	200	ND	ND		ND
bis(2-ethyhexyl)phthalate	mg/L	4.8	ND	ND		ND
Naphthalene	mg/L	6.2*	ND	ND		ND

mg/L - milligrams/Liter

* Regional Screening Levels for Chemical Contaminants at Superfund Sites - Tapwater

** Regional Screening Levels for Chemical Contaminants at Superfund Sites 2008 - Tapwater (Chromium VI (chromic acid mists))

*** - Maximum Contaminant Level

Table 20. Historical Groundwater Sample Results
Union Carbide Corporation, Woodbine, Georgia

Monitoring Well ID RFI Phase Investigation Area			MW-603 1996 Phase 2 RFI	MW-603 1997 Phase 2 Add'm
Parameter Name	Unit	Applicable Standard		
Arsenic	mg/L	0.045*	0.017	ND
Barium	mg/L	7,300*	0.3	0.059
Cadmium	mg/L	18*	ND	ND
Chromium, total	mg/L	110**	0.048	ND
Lead	mg/L	15***	0.014	ND
Mercury	mg/L	0.63*	ND	ND
1,1,2-trichloroethane	mg/L	0.24*	ND	
cis-1,2-dichloroethene	mg/L	370*	ND	
2,4 - Dimethylphenol	mg/L	730	ND	
Aldicarb	mg/L	37*	ND	
Acetone	mg/L	22000		
Benzene	mg/L	0.41	ND	
Ethylbenzene	mg/L	1.5	ND	
Xylenes	mg/L	200	ND	
bis(2-ethyhexyl)phthalate	mg/L	4.8	ND	
Naphthalene	mg/L	6.2*	ND	

mg/L - milligrams/Liter

* Regional Screening Levels for Chemical Contaminants at Superfund Sites -
 Tapwater

** Regional Screening Levels for Chemical Contaminants at Superfund Sites 2008 -
 Tapwater (Chromium VI (chromic acid mists))

*** - Maximum Contaminant Level

Table 20. Historical Groundwater Sample Results
Union Carbide Corporation, Woodbine, Georgia

Monitoring Well ID			MW-604	MW-604	MW-604	MW-601
RFI Phase			1993 Phase 1 RFI	1996 Phase 2 RFI	1997 Phase 2 Add'm	1993 Phase 1 RFI
Investigation Area			SWMU 6 - Disposal Trench #2			SWMU 6 -
Parameter Name	Unit	Applicable Standard				
Arsenic	mg/L	0.045*	0.032	ND	ND	0.016
Barium	mg/L	7,300*	0.12	0.091	0.018	0.05
Cadmium	mg/L	18*	ND	ND	ND	ND
Chromium, total	mg/L	110**	0.016	0.017	ND	ND
Lead	mg/L	15***	0.0061	0.006	ND	ND
Mercury	mg/L	0.63*	ND	ND	ND	ND
1,1,2-trichloroethane	mg/L	0.24*	ND	ND		ND
cis-1,2-dichloroethene	mg/L	370*	ND	ND		ND
2,4 - Dimethylphenol	mg/L	730	ND	ND		ND
Aldicarb	mg/L	37*	ND	ND		ND
Acetone	mg/L	22000				
Benzene	mg/L	0.41	ND	ND		ND
Ethylbenzene	mg/L	1.5	ND	ND		ND
Xylenes	mg/L	200	ND	ND		ND
bis(2-ethyhexyl)phthalate	mg/L	4.8	ND	ND		ND
Naphthalene	mg/L	6.2*	ND	ND		ND

mg/L - milligrams/Liter

* Regional Screening Levels for Chemical Contaminants at Superfund Sites - Tapwater

** Regional Screening Levels for Chemical Contaminants at Superfund Sites 2008 - Tapwater (Chromium VI (chromic acid mists))

*** - Maximum Contaminant Level

Table 20. Historical Groundwater Sample Results
Union Carbide Corporation, Woodbine, Georgia

Monitoring Well ID RFI Phase Investigation Area			MW-601 1996 Phase 2 RFI Borrow Pit	MW-601 1997 Phase 2 Add'm	MW-701 1993 Phase 1 RFI	MW-701 1996 Phase 2 RFI
Parameter Name	Unit	Applicable Standard				
Arsenic	mg/L	0.045*	0.015	ND	ND	0.011
Barium	mg/L	7,300*	0.21	0.019	0.019	0.11
Cadmium	mg/L	18*	ND	ND	ND	ND
Chromium, total	mg/L	110**	0.041	ND	ND	0.12
Lead	mg/L	15***	0.011	ND	ND	0.029
Mercury	mg/L	0.63*	ND	ND	ND	0.00052
1,1,2-trichloroethane	mg/L	0.24*	ND		ND	ND
cis-1,2-dichloroethene	mg/L	370*	ND		ND	ND
2,4 - Dimethylphenol	mg/L	730	ND		ND	ND
Aldicarb	mg/L	37*	ND		ND	ND
Acetone	mg/L	22000				
Benzene	mg/L	0.41	ND		ND	ND
Ethylbenzene	mg/L	1.5	ND		ND	ND
Xylenes	mg/L	200	ND		ND	ND
bis(2-ethyhexyl)phthalate	mg/L	4.8	ND		ND	0.03
Naphthalene	mg/L	6.2*	ND		ND	ND

mg/L - milligrams/Liter

* Regional Screening Levels for Chemical Contaminants at Superfund Sites -
Tapwater

** Regional Screening Levels for Chemical Contaminants at Superfund Sites 2008 -
Tapwater (Chromium VI (chromic acid mists))

*** - Maximum Contaminant Level

Table 20. Historical Groundwater Sample Results
Union Carbide Corporation, Woodbine, Georgia

Monitoring Well ID RFI Phase Investigation Area			MW-701 Addendum Phase II	MW-702 1993 Phase 1 RFI	MW-702 1996 Phase 2 RFI	MW-702 Addendum Phase II
Parameter Name	Unit	Applicable Standard				
Arsenic	mg/L	0.045*	ND	ND	0.11	ND
Barium	mg/L	7,300*	ND	0.019	0.71	ND
Cadmium	mg/L	18*	ND	ND	0.0069	ND
Chromium, total	mg/L	110**	ND	ND	0.25	ND
Lead	mg/L	15***	ND	ND	0.075	ND
Mercury	mg/L	0.63*	ND	ND	0.00065	ND
1,1,2-trichloroethane	mg/L	0.24*				
cis-1,2-dichloroethene	mg/L	370*				
2,4 - Dimethylphenol	mg/L	730		ND	ND	
Aldicarb	mg/L	37*				
Acetone	mg/L	22000				
Benzene	mg/L	0.41		ND	ND	
Ethylbenzene	mg/L	1.5		ND	ND	
Xylenes	mg/L	200		ND	ND	
bis(2-ethyhexyl)phthalate	mg/L	4.8		ND	ND	
Naphthalene	mg/L	6.2*				

mg/L - milligrams/Liter

* Regional Screening Levels for Chemical Contaminants at Superfund Sites -
 Tapwater

** Regional Screening Levels for Chemical Contaminants at Superfund Sites 2008 -
 Tapwater (Chromium VI (chromic acid mists))

*** - Maximum Contaminant Level

Table 20. Historical Groundwater Sample Results
Union Carbide Corporation, Woodbine, Georgia

Monitoring Well ID RFI Phase Investigation Area			MW-703 1993 Phase 1 RFI	MW-703 1996 Phase 2 RFI	MW-703 Addendum Phase II	MW-704 1993 Phase 1 RFI
Parameter Name	Unit	Applicable Standard				
Arsenic	mg/L	0.045*	ND	0.011	ND	0.012
Barium	mg/L	7,300*	0.058	0.15		0.41
Cadmium	mg/L	18*	ND	ND	ND	ND
Chromium, total	mg/L	110**	0.022	0.052	ND	0.16
Lead	mg/L	15***	0.0098	0.023	ND	0.04
Mercury	mg/L	0.63*	ND	0.00024	ND	0.00025
1,1,2-trichloroethane	mg/L	0.24*				
cis-1,2-dichloroethene	mg/L	370*				
2,4 - Dimethylphenol	mg/L	730	ND	ND		0.014
Aldicarb	mg/L	37*				
Acetone	mg/L	22000				
Benzene	mg/L	0.41	ND	ND		0.017
Ethylbenzene	mg/L	1.5	ND	ND		0.021
Xylenes	mg/L	200	ND	ND		0.165
bis(2-ethyhexyl)phthalate	mg/L	4.8	ND	ND		ND
Naphthalene	mg/L	6.2*				

mg/L - milligrams/Liter

* Regional Screening Levels for Chemical Contaminants at Superfund Sites -
 Tapwater

** Regional Screening Levels for Chemical Contaminants at Superfund Sites 2008 -
 Tapwater (Chromium VI (chromic acid mists))

*** - Maximum Contaminant Level

Table 20. Historical Groundwater Sample Results
Union Carbide Corporation, Woodbine, Georgia

Monitoring Well ID RFI Phase Investigation Area			MW-704 1996 Phase 2 RFI	MW-704 Addendum Phase II
Parameter Name	Unit	Applicable Standard		
Arsenic	mg/L	0.045*	ND	ND
Barium	mg/L	7,300*	0.071	ND
Cadmium	mg/L	18*	ND	ND
Chromium, total	mg/L	110**	0.046	ND
Lead	mg/L	15***	0.006	ND
Mercury	mg/L	0.63*	ND	ND
1,1,2-trichloroethane	mg/L	0.24*		
cis-1,2-dichloroethene	mg/L	370*		
2,4 - Dimethylphenol	mg/L	730	ND	
Aldicarb	mg/L	37*		
Acetone	mg/L	22000		
Benzene	mg/L	0.41	ND	
Ethylbenzene	mg/L	1.5	ND	
Xylenes	mg/L	200	0.04	
bis(2-ethyhexyl)phthalate	mg/L	4.8	ND	
Naphthalene	mg/L	6.2*		

mg/L - milligrams/Liter

* Regional Screening Levels for Chemical Contaminants at Superfund Sites - Tapwater

** Regional Screening Levels for Chemical Contaminants at Superfund Sites 2008 - Tapwater (Chromium VI (chromic acid mists))

*** - Maximum Contaminant Level

Table 21. SWMU 3 Burn Area Historical Soil Sample Results
Union Carbide Corporation, Woodbine, Georgia

Analytical ID			9113	9114	9115	9116	9117	9118	9099
RFI Phase Type			1996 Phase II RFI Test Pit (2 ft)	1996 Phase II RFI Test Pit (6 ft)	1996 Phase II RFI Test Pit (2 ft)	1996 Phase II RFI Test Pit (6 ft)	1996 Phase II RFI Test Pit (2 ft)	1996 Phase II RFI Test Pit (6 ft)	1996 Phase II RFI 4 - 5 feet
Parameter Name	Unit	Applicable Standard							
Barium	mg/kg	15,000*	8.2	7.1	6.8	10	9.6	6.9	7.9
Chromium, total	mg/kg	230**	2.7	7.6	2	3.4	3.3	4.1	4.1
Lead	mg/kg	400*	3.5	4.7	2.7	3.8	3.5	5	3.4
Mercury	mg/kg	6.7*	0.029	0.042	0.011	0.017	0.014	ND	0.013

mg/kg - milligrams/kilogram

* Regional Screening Levels for Chemical Contaminants at Superfund Sites 2008 - Residential Soils

** Regional Screening Levels for Chemical Contaminants at Superfund Sites 2008 - Residential Soils (Chromium VI (particulates))

Table 22. SWMU 3 Aldicarb Disposal Area Historical Soil Sample Results
Union Carbide Corporation, Woodbine, Georgia

Analytical ID			9107	9108	9109	9110	9111	9112
RFI Phase Type			1996 Phase II RFI Test Pit 3 (4 ft)	1996 Phase II RFI Test Pit 3 (9 ft)	1996 Phase II RFI Test Pit 4 (4 ft)	1996 Phase II RFI Test Pit 4 (8 ft)	1996 Phase II RFI Test Pit 5 (4 ft)	1996 Phase II RFI Test Pit 5 (8 ft)
Parameter Name	Unit	Applicable Standard						
Barium	mg/kg	15,000*	6.1	5.2	7.3	7	6.2	4.6
Chromium, total	mg/kg	230**	2.8	7.7	3	6.3	2.6	5.6
Lead	mg/kg	400*	4.3	2.9	3.8	4.8	3.7	7.6
Mercury	mg/kg	6.7*	0.031	0.018	ND	ND	0.033	ND

mg/kg - milligrams/kilogram

* Regional Screening Levels for Chemical Contaminants at Superfund Sites 2008 - Residential Soils

** Regional Screening Levels for Chemical Contaminants at Superfund Sites 2008 - Residential Soils (Chromium VI (particulates))

Table 23. SWMU 4 Borrow Pit Area Historical Soil Sample Results
Union Carbide Corporation, Woodbine, Georgia

Parameter Name	Unit	Applicable Standard	Analytical ID RFI Phase Type	SO-402A 1993 Phase 1 RFI Test Pit Excavation	SO-402B 1993 Phase 1 RFI Test Pit Excavation
Aldicarb	mg/kg	61*		ND	0.24
Barium	mg/kg	15,000*		3.4	ND
Chromium, total	mg/kg	230**		4.9	ND
1,2-Dichloroethane	mg/kg	0.45*		ND	0.019
Lead	mg/kg	400*		3.1	ND
Methylene Chloride	mg/kg	11*		ND	0.025
Mercury	mg/kg	6.7*		0.013	ND
4-methylphenol (p-cresol)	mg/kg	310*		0.41	ND
Tetrachloroethene	mg/kg	0.57*		ND	0.035
Toluene	mg/kg	5,000*		0.0075	0.2
1,1,1-Trichloroethane	mg/kg	9,000*		ND	0.019

mg/kg - milligrams/kilogram

* Regional Screening Levels for Chemical Contaminants at Superfund Sites 2008 - Residential Soils

** Regional Screening Levels for Chemical Contaminants at Superfund Sites 2008 - Residential Soils (Chromium VI (particulates))

Table 24. SWMU 4 Soil Sample Results (2007)
Union Carbide Corporation, Woodbine, Georgia

Analytical ID			S4_117	S4_314	S4_516	S4_812
Sample ID			S4-TP01/S4-TP07	S4-TP03/S4-TP04	S4-TP05/S4-TP06	S4-TP08/S4-TP02
Type			Composite Soil	Composite Soil	Composite Soil	Composite Soil
Date			10/25/2007	10/25/2007	10/24/2007	10/24/2007
Parameter Name	Unit	Applicable Standard				
cyanide	mg/kg	1,600*	0.23 U	0.24 U	0.25 U	0.23 U
flash point	Deg F	<140 F	No Flash	No Flash	No Flash	No Flash
ph	pH Units	<2 or >12	3.89	3.76	3.86	4.02
Aldicarb (sulfide, sulfoxide, and sulfone)	ug/kg	61,000*	85 U	87 U	91 U	86 U
Aldicarb sulfone	ug/kg	61,000*	65 U	67 U	70 U	66 U
TCLP Analysis						
2,4-d (dichlorophenoxyacetic acid)	mg/L	10	0.002 U	0.002 U	0.002 U	0.002 U
silvex (2,4,5-tp)	mg/L	1	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Arsenic	mg/L	5	0.01 U	0.01 U	0.01 U	0.01 U
Barium	mg/L	100	0.0125	0.0099	0.0271	0.0259
Cadmium	mg/L	1	0.0009 U	0.0009 U	0.0009 U	0.0009 U
Chromium, total	mg/L	5	0.0028 J	0.0023 U	0.0023 U	0.0023 U
Lead	mg/L	5	0.0069 U	0.0069 U	0.0089 J	0.0069 U
Mercury	mg/L	0.2	0.000056 U	0.000056 U	0.000056 U	0.000056 U
Selenium	mg/L	1	0.0094 U	0.0094 U	0.0094 U	0.0094 U
Silver	mg/L	5	0.0016 U	0.0016 U	0.0016 U	0.0016 U
chlordane	mg/L	0.03	0.00035 U	0.00035 U	0.00035 U	0.00035 U
endrin	mg/L	0.02	0.00002 U	0.00002 U	0.00002 U	0.00002 U
gamma bhc (lindane)	mg/L	0.4	0.00001 U	0.00001 U	0.00001 U	0.00001 U
heptachlor	mg/L	0.008	0.000015 U	0.000015 U	0.000015 U	0.000015 U
heptachlor epoxide	mg/L	No Standard	0.000015 U	0.000015 U	0.000015 U	0.000015 U
methoxychlor	mg/L	10	0.00015 U	0.00015 U	0.00015 U	0.00015 U
toxaphene	mg/L	0.5	0.005 U	0.005 U	0.005 U	0.005 U
1,4-Dichlorobenzene	mg/L	7.5	0.002 U	0.002 U	0.002 U	0.002 U
2,4,5-Trichlorophenol	mg/L	400	0.002 U	0.002 U	0.002 U	0.002 U
2,4,6-Trichlorophenol	mg/L	2	0.002 U	0.002 U	0.002 U	0.002 U
2,4-Dinitrotoluene	mg/L	0.13	0.002 U	0.002 U	0.002 U	0.002 U

Table 24. SWMU 4 Soil Sample Results (2007)
Union Carbide Corporation, Woodbine, Georgia

Analytical ID			S4_117	S4_314	S4_516	S4_812
Sample ID			S4-TP01/S4-TP07	S4-TP03/S4-TP04	S4-TP05/S4-TP06	S4-TP08/S4-TP02
Type			Composite Soil	Composite Soil	Composite Soil	Composite Soil
Date			10/25/2007	10/25/2007	10/24/2007	10/24/2007
Parameter Name	Unit	Applicable Standard				
TCLP Analysis (Continued)						
2-Methylphenol (o-Cresol)	mg/L	200	0.002 U	0.002 U	0.002 U	0.002 U
4-Methylphenol (p-Cresol)	mg/L	200	0.004 U	0.004 U	0.004 U	0.004 U
Hexachlorobenzene	mg/L	0.13	0.002 U	0.002 U	0.002 U	0.002 U
Hexachlorobutadiene	mg/L	0.5	0.002 U	0.002 U	0.002 U	0.002 U
Hexachloroethane	mg/L	3	0.002 U	0.002 U	0.002 U	0.002 U
Nitrobenzene	mg/L	2	0.002 U	0.002 U	0.002 U	0.002 U
Pentachlorophenol	mg/L	100	0.006 U	0.006 U	0.006 U	0.006 U
pyridine	mg/L	5	0.004 U	0.004 U	0.004 U	0.004 U
1,1-Dichloroethene	mg/L	0.7	0.016 U	0.016 U	0.016 U	0.016 U
1,2-Dichloroethane	mg/L	0.5	0.02 U	0.02 U	0.02 U	0.02 U
Benzene	mg/L	0.5	0.01 U	0.01 U	0.01 U	0.01 U
Carbon tetrachloride	mg/L	0.5	0.02 U	0.02 U	0.02 U	0.02 U
Chlorobenzene	mg/L	100	0.016 U	0.016 U	0.016 U	0.016 U
Chloroform	mg/L	6	0.016 U	0.016 U	0.016 U	0.016 U
Methyl ethyl ketone (2-butanone)	mg/L	200	0.06 U	0.06 U	0.06 U	0.06 U
Tetrachloroethene (PCE)	mg/L	0.7	0.016 U	0.016 U	0.016 U	0.016 U
Trichloroethene (TCE)	mg/L	0.5	0.02 U	0.02 U	0.02 U	0.02 U
Vinyl chloride	mg/L	0.2	0.02 U	0.02 U	0.02 U	0.02 U

* Regional Screening Levels for Chemical Contaminants at Superfund Sites 2008 - Residential Soils

mg/L - milligrams/Liter

mg/Kg - milligrams/Kilogram

ug/Kg - micrograms/Kilogram

U - Undetected at specified MDL

J - Estimated

Deg F - degrees Fahrenheit

Table 25. SWMU 4 Acetone Pond Area Historical Soil Sample Results (Phase I)*Union Carbide Corporation, Woodbine, Georgia*

Parameter Name	Unit	Analytical ID RFI Phase Type Applicable Standard	SS-401	SS-402	SS-403	SS-404	SS-405
			1993 Phase 1 RFI Surface Soil	1993 Phase 1 RFI Surface Soil	1993 Phase 1 RFI Surface Soil	1993 Phase 1 RFI Surface Soil	1993 Phase 1 RFI Surface Soil
Aldicarb	mg/kg	61*	ND	ND	ND	ND	ND
Barium	mg/kg	15,000*	4.5	14	12	7.7	4
Chromium, total	mg/kg	230**	ND	1.3	4.2	4.2	ND
1,2-Dichloroethane	mg/kg	0.45*					
Lead	mg/kg	400*	3.4	4.5	2.1	2.4	2.7
Methylene Chloride	mg/kg	11*					
Mercury	mg/kg	6.7*	0.037	0.04	0.016	ND	0.025
Acetone	mg/kg	61,000*	0.034	0.13	0.13	0.091	ND
Tetrachloroethene	mg/kg	0.57*	ND	0.014	ND	ND	0.018
Toluene	mg/kg	5,000*	0.032	0.076	0.021	ND	0.066
1,1,1-Trichloroethane	mg/kg	9,000*	ND	ND	ND	ND	0.0075
Xylenes, total	mg/kg	600*	0.0084	0.0093	ND	ND	ND

mg/kg - milligrams/kilogram

* Regional Screening Levels for Chemical Contaminants at Superfund Sites 2008 - Residential Soils

** Regional Screening Levels for Chemical Contaminants at Superfund Sites 2008 - Residential Soils (Chromium VI (particulates))

Table 26. SWMU 4 Acetone Pond Area Historical Soil Sample Results (Phase II)

Union Carbide Corporation, Woodbine, Georgia

Analytical ID RFI Phase Type			4-001S 1996 Phase II RFI Shallow	4-001D 1996 Phase II RFI Deep	4-002S 1996 Phase II RFI Shallow	4-002D 1996 Phase II RFI Deep	4-003S 1996 Phase II RFI Shallow	4-003D 1996 Phase II RFI Deep	4-004S 1996 Phase II RFI Shallow	4-004D 1996 Phase II RFI Deep
Parameter Name	Unit	Applicable Standard								
Barium	mg/kg	15,000*	2.7	6.5	4.3	8.7	2.6	16	1.5	8
Chromium, total	mg/kg	230**	3.9	4.8	3.6	6.5	2.5	6	2.5	9.9
Lead	mg/kg	400*	2.7	1.9	3.5	3.6	3.3	10	2.6	3.6
Mercury	mg/kg	6.7*	0.019	0.024	0.015	0.022	0.017	0.057	ND	ND
Acetone	mg/kg	61,000*	0.61	0.35	0.8	0.12	0.72	0.71	ND	1.1
Toluene	mg/kg	5,000*	ND	ND	0.034	ND	ND	ND	0.57	ND
bis(2-ethylhexyl)phthalate	mg/kg	35*	0.67	ND	ND	ND	ND	0.49	0.45	ND

mg/kg - milligrams/kilogram

* Regional Screening Levels for Chemical Contaminants at Superfund Sites 2008 - Residential Soils

** Regional Screening Levels for Chemical Contaminants at Superfund Sites 2008 - Residential Soils (Chromium VI (particulates))

Table 27. SWMU 5 Historical Soil Sample Results
Union Carbide Corporation, Woodbine, Georgia

Parameter Name	Unit	Analytical ID RFI Phase Type Applicable Standard	SS-501	SS-502	SS-503	SS-504	SS-505	SS-501
			1993 Phase 1 RFI Surface Soil	1993 Phase 1 RFI Surface Soil	1993 Phase 1 RFI Surface Soil	1993 Phase 1 RFI Surface Soil	1993 Phase 1 RFI Surface Soil	1993 Phase 1 RFI Waste
Aldicarb	mg/kg	61*	ND	ND	ND	ND	ND	0.035
Barium	mg/kg	15,000*	2.7	2.1	2.7	4.1	2.5	3.6
Chromium, total	mg/kg	230**	3.4	2.3	2.7	2.5	3	ND
Lead	mg/kg	400*	2.5	2.8	3.3	3.9	2.6	ND
Mercury	mg/kg	6.7*	0.028	0.016	0.015	0.013	0.022	ND
Tetrachloroethene	mg/kg	0.57*	ND	0.011	ND	ND	0.0075	ND
Toluene	mg/kg	5,000*	ND	0.064	ND	ND	0.085	ND
bis(2-ethylhexyl)phthalate	mg/kg	35*	ND	ND	ND	0.43	0.47	ND

mg/kg - milligrams/kilogram

* Regional Screening Levels for Chemical Contaminants at Superfund Sites 2008 - Residential Soils

** Regional Screening Levels for Chemical Contaminants at Superfund Sites 2008 - Residential Soils (Chromium VI (particulates))

Table 28. SWMU 6 Surface Disposal Area Historical Soil Sample Results
Union Carbide Corporation, Woodbine, Georgia

			Analytical ID RFI Phase Type	SS-601 1993 Phase 1 RFI Surface Soil	SS-602 1993 Phase 1 RFI Surface Soil	SS-603 1993 Phase 1 RFI Surface Soil
Parameter Name	Unit	Applicable Standard				
Barium	mg/kg	15,000*		2.3	1.9	7.4
Chromium, total	mg/kg	230**		2.1	1.9	3.6
Lead	mg/kg	400*		1.3	2.6	3.5
Mercury	mg/kg	6.7*		0.023	0.015	0.018
Toluene	mg/kg	5,000*		0.02	ND	ND

mg/kg - milligrams/kilogram

* Regional Screening Levels for Chemical Contaminants at Superfund Sites 2008 - Residential Soils

** Regional Screening Levels for Chemical Contaminants at Superfund Sites 2008 - Residential Soils (Chromium VI (particulates))

Table 29. SWMU 6 Disposal Trench #1 Historical Soil Sample Results*Union Carbide Corporation, Woodbine, Georgia*

Parameter Name	Unit	Analytical ID RFI Phase Type Applicable Standard	6-001S	6-001D	6-002S	6-002D	6-003S	6-003D
			1996 Phase II RFI Shallow - Waste	1996 Phase II RFI Deep Soil	1996 Phase II RFI Shallow - Waste	1996 Phase II RFI Deep Soil	1996 Phase II RFI Shallow - Waste	1996 Phase II RFI Deep Soil
Barium	mg/kg	15,000*	1.7	7.3	ND	5.4	11	7.3
Chromium, total	mg/kg	230**	3.5	3	1.9	18	1.6	4.4
Lead	mg/kg	400*	3.1	1	1.1	2	1.2	1.3
Mercury	mg/kg	6.7*	0.015	ND	ND	ND	ND	ND
Acetone	mg/kg	61,000*	0.085	ND	0.032	ND	0.55	ND
Aldicarb	mg/kg	61*	ND	ND	ND	0.038	ND	ND

mg/kg - milligrams/kilogram

* Regional Screening Levels for Chemical Contaminants at Superfund Sites 2008 - Residential Soils

** Regional Screening Levels for Chemical Contaminants at Superfund Sites 2008 - Residential Soils (Chromium VI (particulates))

Table 30. SWMU 6 Surface Disposal Area/Disposal Trench #1 Soil Sample Results
Union Carbide Corporation, Woodbine, Georgia

			Analytical ID Sample ID Date Type	S6_Trench1_1 S6T#1-TP01 10/19/07 Composite Soil	S6_Trench1_2 S6T#1-TP02 10/19/07 Composite Soil	S6_Trench1_3 S6T#1-TP03 10/19/07 Composite Soil	S6_Trench1_4 S6T#1-TP04 10/19/07 Composite Soil
Parameter Name	Unit	Applicable Standard					
cyanide	mg/kg	1600*		0.21 U	0.21 U	0.21 U	0.23 U
flash point	Deg F	<140 F		No Flash	No Flash	No Flash	No Flash
ph	pH Units	<2 or >12		5.42	5.91	4.39	6.48
Aldicarb (sulfide, sulfoxide, and sulfone)	ug/kg	61,000*		76 U	77 U	77 U	85 U
Aldicarb sulfone	ug/kg	61,000*		58 U	59 U	59 U	65 U
2-Chlorobenzalmononitrile	ug/kg	No Standard		190 U	200 U	200 U	220 U
TCLP Analysis							
2,4-d (dichlorophenoxyacetic acid)	mg/L	10		0.002 U	0.002 U	0.002 U	0.002 U
silvex (2,4,5-tp)	mg/L	1		0.0002 U	0.0002 U	0.0002 U	0.0002 U
Arsenic	mg/L	5		0.01 U	0.01 U	0.01 U	0.01 U
Barium	mg/L	100		0.226	0.219	0.0177	0.0369
Cadmium	mg/L	1		0.0009 U	0.0009 U	0.0009 U	0.0009 U
Chromium, total	mg/L	5		0.0023 U	0.0023 U	0.0023 U	0.0027 J
Lead	mg/L	5		0.0069 U	0.0069 U	0.0069 U	0.0201
Mercury	mg/L	0.2		0.000056 U	0.000056 U	0.000056 U	0.000056 U
Selenium	mg/L	1		0.0094 U	0.0094 U	0.0094 U	0.0094 U
Silver	mg/L	5		0.0016 U	0.0016 U	0.0016 U	0.0016 U
chlordan	mg/L	0.03		0.00035 U	0.00035 U	0.00035 U	0.00035 U
endrin	mg/L	0.02		0.00002 U	0.00002 U	0.00002 U	0.00002 U
gamma bhc (lindane)	mg/L	0.4		0.00001 U	0.00001 U	0.00001 U	0.00001 U
heptachlor	mg/L	0.008		0.000015 U	0.000015 U	0.000015 U	0.000015 U
heptachlor epoxide	mg/L	No Standard		0.000015 U	0.000015 U	0.000015 U	0.000015 U
methoxychlor	mg/L	10		0.00015 U	0.00015 U	0.00015 U	0.00015 U
toxaphene	mg/L	0.5		0.005 U	0.005 U	0.005 U	0.005 U
1,4-Dichlorobenzene	mg/L	7.5		0.002 U	0.002 U	0.002 U	0.002 U
2,4,5-Trichlorophenol	mg/L	400		0.002 U	0.002 U	0.002 U	0.002 U
2,4,6-Trichlorophenol	mg/L	2		0.002 U	0.002 U	0.002 U	0.002 U
2,4-Dinitrotoluene	mg/L	0.13		0.002 U	0.002 U	0.002 U	0.002 U

Table 30. SWMU 6 Surface Disposal Area/Disposal Trench #1 Soil Sample Results
Union Carbide Corporation, Woodbine, Georgia

			Analytical ID Sample ID Date Type	S6_Trench1_1 S6T#1-TP01 10/19/07 Composite Soil	S6_Trench1_2 S6T#1-TP02 10/19/07 Composite Soil	S6_Trench1_3 S6T#1-TP03 10/19/07 Composite Soil	S6_Trench1_4 S6T#1-TP04 10/19/07 Composite Soil
Parameter Name	Unit	Applicable Standard					
TCLP Analysis (continued)							
2-Methylphenol (o-Cresol)	mg/L	200		0.002 U	0.002 U	0.002 U	0.002 U
4-Methylphenol (p-Cresol)	mg/L	200		0.004 U	0.004 U	0.004 U	0.004 U
Hexachlorobenzene	mg/L	0.13		0.002 U	0.002 U	0.002 U	0.002 U
Hexachlorobutadiene	mg/L	0.5		0.002 U	0.002 U	0.002 U	0.002 U
Hexachloroethane	mg/L	3		0.002 U	0.002 U	0.002 U	0.002 U
Nitrobenzene	mg/L	2		0.002 U	0.002 U	0.002 U	0.002 U
Pentachlorophenol	mg/L	100		0.006 U	0.006 U	0.006 U	0.006 U
pyridine	mg/L	5		0.004 U	0.004 U	0.004 U	0.004 U
1,1-Dichloroethene	mg/L	0.7		0.016 U	0.016 U	0.016 U	0.016 U
1,2-Dichloroethane	mg/L	0.5		0.02 U	0.02 U	0.02 U	0.02 U
Benzene	mg/L	0.5		0.01 U	0.01 U	0.01 U	0.01 U
Carbon tetrachloride	mg/L	0.5		0.02 U	0.02 U	0.02 U	0.02 U
Chlorobenzene	mg/L	100		0.016 U	0.016 U	0.016 U	0.016 U
Chloroform	mg/L	6		0.016 U	0.016 U	0.016 U	0.016 U
Methyl ethyl ketone (2-butanone)	mg/L	200		0.06 U	0.06 U	0.06 U	0.06 U
Tetrachloroethene (PCE)	mg/L	0.7		0.016 U	0.016 U	0.016 U	0.016 U
Trichloroethene (TCE)	mg/L	0.5		0.02 U	0.02 U	0.02 U	0.02 U
Vinyl chloride	mg/L	0.2		0.02 U	0.02 U	0.02 U	0.02 U

Notes:

* Regional Screening Levels for Chemical Contaminants at Superfund Sites 2008 - Residential Soils

mg/L - milligrams/Liter

mg/Kg - milligrams/Kilogram

ug/Kg - micrograms/Kilogram

U - Undetected at specified MDL

J - Estimated

Deg F - degrees Fahrenheit

Table 30. SWMU 6 Surface Disposal Area/Disposal Trench #1 Soil Sample Results
Union Carbide Corporation, Woodbine, Georgia

			Analytical ID	S6_Trench1_5	S6_Trench1_6	S6_Trench1_7	S6_Trench1_8	S6_Trench1_9
			Sample ID	S6T#1-TP05	S6T#1-TP06	S6T#1-TP07	S6T#1-TP08	S6T#1-TP09
			Date	10/20/07	10/20/07	10/20/07	10/20/07	10/20/07
			Type	Composite Soil	Composite Soil	Composite Soil	Composite Soil	Composite Soil
Parameter Name	Unit	Applicable Standard						
cyanide	mg/kg	1600*		0.22 U	0.21 U	0.22 U	0.23 U	0.21 U
flash point	Deg F	<140 F		No Flash	No Flash	No Flash	No Flash	No Flash
ph	pH Units	<2 or >12		4.81	4.84	4.89	4.88	4.96
Aldicarb (sulfide, sulfoxide, and sulfone)	ug/kg	61,000*		80 U	77 U	80 U	88 U	78 U
Aldicarb sulfone	ug/kg	61,000*		62 U	60 U	61 U	68 U	60 U
2-Chlorobenzalmononitrile	ug/kg	No Standard		210 U	200 U	200 U	230 U	200 U
TCLP Analysis								
2,4-d (dichlorophenoxyacetic acid)	mg/L	10		0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
silvex (2,4,5-tp)	mg/L	1		0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Arsenic	mg/L	5		0.0112 J	0.0146 J	0.0101 J	0.01 U	0.01 U
Barium	mg/L	100		0.44	0.0149	0.0295	0.0115	0.0119
Cadmium	mg/L	1		0.0009 U	0.0009 U	0.0009 U	0.0009 U	0.0009 U
Chromium, total	mg/L	5		0.0023 U	0.0023 U	0.0023 U	0.0023 U	0.0023 U
Lead	mg/L	5		0.0069 U	0.0069 U	0.0069 U	0.0069 U	0.0069 U
Mercury	mg/L	0.2		0.000056 U	0.000056 U	0.000056 U	0.000056 U	0.000056 U
Selenium	mg/L	1		0.0094 U	0.0094 U	0.0094 U	0.0094 U	0.0094 U
Silver	mg/L	5		0.0016 U	0.0016 U	0.0016 U	0.0016 U	0.0016 U
chlordan	mg/L	0.03		0.00035 U	0.00035 U	0.00035 U	0.00035 U	0.00035 U
endrin	mg/L	0.02		0.00002 U	0.00002 U	0.00002 U	0.00002 U	0.00002 U
gamma bhc (lindane)	mg/L	0.4		0.00001 U	0.00001 U	0.00001 U	0.00001 U	0.00001 U
heptachlor	mg/L	0.008		0.000015 U	0.000015 U	0.000015 U	0.000015 U	0.000015 U
heptachlor epoxide	mg/L	No Standard		0.000015 U	0.000015 U	0.000015 U	0.000015 U	0.000015 U
methoxychlor	mg/L	10		0.00015 U	0.00015 U	0.00015 U	0.00015 U	0.00015 U
toxaphene	mg/L	0.5		0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,4-Dichlorobenzene	mg/L	7.5		0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
2,4,5-Trichlorophenol	mg/L	400		0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
2,4,6-Trichlorophenol	mg/L	2		0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
2,4-Dinitrotoluene	mg/L	0.13		0.002 U	0.002 U	0.002 U	0.002 U	0.002 U

Table 30. SWMU 6 Surface Disposal Area/Disposal Trench #1 Soil Sample Results
Union Carbide Corporation, Woodbine, Georgia

			Analytical ID	S6_Trench1_5	S6_Trench1_6	S6_Trench1_7	S6_Trench1_8	S6_Trench1_9
			Sample ID	S6T#1-TP05	S6T#1-TP06	S6T#1-TP07	S6T#1-TP08	S6T#1-TP09
			Date	10/20/07	10/20/07	10/20/07	10/20/07	10/20/07
			Type	Composite Soil	Composite Soil	Composite Soil	Composite Soil	Composite Soil
Parameter Name	Unit	Applicable Standard						
TCLP Analysis (continued)								
2-Methylphenol (o-Cresol)	mg/L	200		0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
4-Methylphenol (p-Cresol)	mg/L	200		0.004 U	0.004 U	0.004 U	0.004 U	0.004 U
Hexachlorobenzene	mg/L	0.13		0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Hexachlorobutadiene	mg/L	0.5		0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Hexachloroethane	mg/L	3		0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Nitrobenzene	mg/L	2		0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Pentachlorophenol	mg/L	100		0.006 U	0.006 U	0.006 U	0.006 U	0.006 U
pyridine	mg/L	5		0.004 U	0.004 U	0.004 U	0.004 U	0.004 U
1,1-Dichloroethene	mg/L	0.7		0.016 U	0.016 U	0.016 U	0.016 U	0.016 U
1,2-Dichloroethane	mg/L	0.5		0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Benzene	mg/L	0.5		0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Carbon tetrachloride	mg/L	0.5		0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Chlorobenzene	mg/L	100		0.016 U	0.016 U	0.016 U	0.016 U	0.016 U
Chloroform	mg/L	6		0.016 U	0.016 U	0.016 U	0.016 U	0.016 U
Methyl ethyl ketone (2-butanone)	mg/L	200		0.06 U	0.06 U	0.06 U	0.06 U	0.06 U
Tetrachloroethene (PCE)	mg/L	0.7		0.016 U	0.016 U	0.016 U	0.016 U	0.016 U
Trichloroethene (TCE)	mg/L	0.5		0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Vinyl chloride	mg/L	0.2		0.02 U	0.02 U	0.02 U	0.02 U	0.02 U

Notes:

* Regional Screening Levels for Chemical Contaminants at Superfund Sites 2008 - Residential Soils

mg/L - milligrams/Liter

mg/Kg - milligrams/Kilogram

ug/Kg - micrograms/Kilogram

U - Undetected at specified MDL

J - Estimated

Deg F - degrees Fahrenheit

Table 30. SWMU 6 Surface Disposal Area/Disposal Trench #1 Soil Sample Results
Union Carbide Corporation, Woodbine, Georgia

			Analytical ID	S6_Trench1_10	S6_Trench1_11	S6_Trench1_12
			Sample ID	S6T#1-TP10	S6T#1-TP11	S6T#1-TP12
			Date	10/21/07	10/21/07	10/21/07
			Type	Composite Soil	Composite Soil	Composite Soil
Parameter Name	Unit	Applicable Standard				
cyanide	mg/kg	1600*		0.23 U	0.21 U	0.22 U
flash point	Deg F	<140 F		No Flash	No Flash	No Flash
ph	pH Units	<2 or >12		4.81	4.82	4.87
Aldicarb (sulfide, sulfoxide, and sulfone)	ug/kg	61,000*		82 U	78 U	82 U
Aldicarb sulfone	ug/kg	61,000*		63 U	60 U	63 U
2-Chlorobenzalmononitrile	ug/kg	No Standard		210 U	200 U	210 U
TCLP Analysis						
2,4-d (dichlorophenoxyacetic acid)	mg/L	10		0.002 U	0.002 U	0.002 U
silvex (2,4,5-tp)	mg/L	1		0.0002 U	0.0002 U	0.0002 U
Arsenic	mg/L	5		0.0152 J	0.0122 J	0.0118 J
Barium	mg/L	100		0.0319	0.0116	0.0237
Cadmium	mg/L	1		0.0009 U	0.0009 U	0.0009 U
Chromium, total	mg/L	5		0.0029 J	0.0023 U	0.0023 U
Lead	mg/L	5		0.0069 U	0.0069 U	0.0069 U
Mercury	mg/L	0.2		0.000056 U	0.000056 U	0.000056 U
Selenium	mg/L	1		0.0094 U	0.0094 U	0.0127 J
Silver	mg/L	5		0.0016 U	0.0016 U	0.0016 U
chlordanes	mg/L	0.03		0.00035 U	0.00035 U	0.00035 U
endrin	mg/L	0.02		0.00002 U	0.00002 U	0.00002 U
gamma bhc (lindane)	mg/L	0.4		0.00001 U	0.00001 U	0.00001 U
heptachlor	mg/L	0.008		0.000015 U	0.000015 U	0.000015 U
heptachlor epoxide	mg/L	No Standard		0.000015 U	0.000015 U	0.000015 U
methoxychlor	mg/L	10		0.00015 U	0.00015 U	0.00015 U
toxaphene	mg/L	0.5		0.005 U	0.005 U	0.005 U
1,4-Dichlorobenzene	mg/L	7.5		0.002 U	0.002 U	0.002 U
2,4,5-Trichlorophenol	mg/L	400		0.002 U	0.002 U	0.002 U
2,4,6-Trichlorophenol	mg/L	2		0.002 U	0.002 U	0.002 U
2,4-Dinitrotoluene	mg/L	0.13		0.002 U	0.002 U	0.002 U

Table 30. SWMU 6 Surface Disposal Area/Disposal Trench #1 Soil Sample Results
Union Carbide Corporation, Woodbine, Georgia

			Analytical ID	S6_Trench1_10	S6_Trench1_11	S6_Trench1_12
			Sample ID	S6T#1-TP10	S6T#1-TP11	S6T#1-TP12
			Date	10/21/07	10/21/07	10/21/07
			Type	Composite Soil	Composite Soil	Composite Soil
Parameter Name	Unit	Applicable Standard				
TCLP Analysis (continued)						
2-Methylphenol (o-Cresol)	mg/L	200		0.002 U	0.002 U	0.002 U
4-Methylphenol (p-Cresol)	mg/L	200		0.004 U	0.004 U	0.004 U
Hexachlorobenzene	mg/L	0.13		0.002 U	0.002 U	0.002 U
Hexachlorobutadiene	mg/L	0.5		0.002 U	0.002 U	0.002 U
Hexachloroethane	mg/L	3		0.002 U	0.002 U	0.002 U
Nitrobenzene	mg/L	2		0.002 U	0.002 U	0.002 U
Pentachlorophenol	mg/L	100		0.006 U	0.006 U	0.006 U
pyridine	mg/L	5		0.004 U	0.004 U	0.004 U
1,1-Dichloroethene	mg/L	0.7		0.016 U	0.016 U	0.016 U
1,2-Dichloroethane	mg/L	0.5		0.02 U	0.02 U	0.02 U
Benzene	mg/L	0.5		0.01 U	0.01 U	0.01 U
Carbon tetrachloride	mg/L	0.5		0.02 U	0.02 U	0.02 U
Chlorobenzene	mg/L	100		0.016 U	0.016 U	0.016 U
Chloroform	mg/L	6		0.016 U	0.016 U	0.016 U
Methyl ethyl ketone (2-butanone)	mg/L	200		0.06 U	0.06 U	0.06 U
Tetrachloroethene (PCE)	mg/L	0.7		0.016 U	0.016 U	0.016 U
Trichloroethene (TCE)	mg/L	0.5		0.02 U	0.02 U	0.02 U
Vinyl chloride	mg/L	0.2		0.02 U	0.02 U	0.02 U

Notes:

* Regional Screening Levels for Chemical Contaminants at Superfund Sites 2008 - Residential Soils

mg/L - milligrams/Liter

mg/Kg - milligrams/Kilogram

ug/Kg - micrograms/Kilogram

U - Undetected at specified MDL

J - Estimated

Deg F - degrees Fahrenheit

Table 31. SWMU 6 Disposal Trench #2 Historical Soil Sample Results (Phase I)*Union Carbide Corporation, Woodbine, Georgia*

		Analytical ID RFI Phase Type	SO-624A 1993 Phase 1 RFI Test Pit Sample	SO-624B 1993 Phase 1 RFI Test Pit Sample	SO-624C 1993 Phase 1 RFI Test Pit Sample	SO-625 1993 Phase 1 RFI Test Pit Sample
Parameter Name	Unit	Applicable Standard				
Barium	mg/kg	15,000*	ND	ND	3.1	8.9
Chromium, total	mg/kg	230**	ND	ND	4.2	ND
Lead	mg/kg	400*	ND	ND	1.9	ND
Mercury	mg/kg	6.7*	ND	ND	0.015	0.013
Aldicarb	mg/kg	61*	ND	ND	0.22	ND
Benzoic Acid	mg/kg	240,000*	41	73	5.3	ND
p-isopropyltoluene	mg/kg	No Standard	0.021	ND	ND	ND
p-cresol	mg/kg	310*	17	17	4.2	ND
Naphthalene	mg/kg	150*	ND	ND	ND	0.0095
Toluene	mg/kg	5,000*	0.11	ND	ND	ND

mg/kg - milligrams/kilogram

* Regional Screening Levels for Chemical Contaminants at Superfund Sites 2008 - Residential Soils

** Regional Screening Levels for Chemical Contaminants at Superfund Sites 2008 - Residential Soils (Chromium VI (particulates))

Table 32. SWMU 6 Disposal Trench #2 Historical Soil Sample Results (Phase II)*Union Carbide Corporation, Woodbine, Georgia*

		Analytical ID RFI Phase Type	9136 1996 Phase II RFI Test Pit 6 Waste	9137 1996 Phase II RFI Test Pit 7 Waste	9138 1996 Phase II RFI Test Pit 10
Parameter Name	Unit	Applicable Standard			
Barium	mg/kg	15,000*	ND	ND	2.9
Chromium, total	mg/kg	230**	5	ND	ND
Lead	mg/kg	400*	4.1	ND	1
Acetone	mg/kg	61,000*	0.83	460	ND
m&p-cresol	mg/kg	310***	ND	12	ND
2,4-dimethylphenol	mg/kg	1,200*	ND	1.3	ND

mg/kg - milligrams/kilogram

* Regional Screening Levels for Chemical Contaminants at Superfund Sites 2008 - Residential Soils

** Regional Screening Levels for Chemical Contaminants at Superfund Sites 2008 - Residential Soils (Chromium VI (particulates))

*** Regional Screening Levels for Chemical Contaminants at Superfund Sites 2008 - Residential Soils (p-cresol)

Table 33. SWMU 6 Disposal Trench #2 Soil Sample Results
Union Carbide Corporation, Woodbine, Georgia

Parameter Name	Unit	Applicable Standard	Analytical ID	S6_Trench2_1	S6_Trench2_2	S6_Trench2_3	S6_Trench2_4
			Sample ID	S6T#2-TP01	S6T#2-TP02	S6T#2-TP03	S6#2-TP04
			Date	10/18/2007	10/18/2007	10/18/2007	10/17/2007
			Type	Composite Soil	Composite Soil	Composite Soil	Composite Soil
cyanide	mg/kg	1,600*		0.23 U	0.21 U	0.22 U	0.22 U
flash point	Deg F	<140 F		No Flash	No Flash	No Flash	No Flash
ph	pH Units	<2 or >12		4.67	4.6	5.43	5.13
Aldicarb (sulfide, sulfoxide, and sulfone)	ug/kg	61,000*/620,000**		82 U	75 U	81 U	82 U
Aldicarb sulfone	ug/kg	61,000*/620,000**		63 U	58 U	63 U	63 U
TCLP Analysis							
2,4-d (dichlorophenoxyacetic acid)	mg/L	10		0.002 U	0.002 U	0.002 U	0.002 U
silvex (2,4,5-tp)	mg/L	1		0.0002 U	0.0002 U	0.0002 U	0.0002 U
Arsenic	mg/L	5		0.01 U	0.0102 J	0.01 U	0.01 U
Barium	mg/L	100		0.193	0.0457	0.0298	0.0246
Cadmium	mg/L	1		0.0009 U	0.0009 U	0.0009 U	0.0009 U
Chromium, total	mg/L	5		0.0023 U	0.0023 U	0.0023 U	0.0023 U
Lead	mg/L	5		0.0069 U	0.0069 U	0.0069 U	0.0069 U
Mercury	mg/L	0.2		0.000056 U	0.000056 U	0.000056 U	0.000056 U
Selenium	mg/L	1		0.0094 U	0.0094 U	0.0094 U	0.0094 U
Silver	mg/L	5		0.0016 U	0.0016 U	0.0016 U	0.0016 U
chlordanes	mg/L	0.03		0.00035 U	0.00035 U	0.00035 U	0.00035 U
endrin	mg/L	0.02		0.00002 U	0.00002 U	0.00002 U	0.00002 U
gamma bhc (lindane)	mg/L	0.4		0.00001 U	0.00001 U	0.00001 U	0.00001 U
heptachlor	mg/L	0.008		0.000015 U	0.000015 U	0.000015 U	0.000015 U
heptachlor epoxide	mg/L	No Standard		0.000015 U	0.000015 U	0.000015 U	0.000015 U
methoxychlor	mg/L	10		0.00015 U	0.00015 U	0.00015 U	0.00015 U
toxaphene	mg/L	0.5		0.005 U	0.005 U	0.005 U	0.005 U
1,4-Dichlorobenzene	mg/L	7.5		0.002 U	0.002 U	0.002 U	0.002 U
2,4,5-Trichlorophenol	mg/L	400		0.002 U	0.002 U	0.002 U	0.002 U
2,4,6-Trichlorophenol	mg/L	2		0.002 U	0.002 U	0.002 U	0.002 U
2,4-Dinitrotoluene	mg/L	0.13		0.002 U	0.002 U	0.002 U	0.002 U
2-Methylphenol (o-Cresol)	mg/L	200		0.002 U	0.002 U	0.002 U	0.002 U

Table 33. SWMU 6 Disposal Trench #2 Soil Sample Results
Union Carbide Corporation, Woodbine, Georgia

			Analytical ID	S6_Trench2_1	S6_Trench2_2	S6_Trench2_3	S6_Trench2_4
			Sample ID	S6T#2-TP01	S6T#2-TP02	S6T#2-TP03	S6#2-TP04
			Date	10/18/2007	10/18/2007	10/18/2007	10/17/2007
			Type	Composite Soil	Composite Soil	Composite Soil	Composite Soil
Parameter Name	Unit	Applicable Standard					
TCLP Analysis (continued)							
4-Methylphenol (p-Cresol)	mg/L	200		0.004 U	0.004 U	0.004 U	0.004 U
Hexachlorobenzene	mg/L	0.13		0.002 U	0.002 U	0.002 U	0.002 U
Hexachlorobutadiene	mg/L	0.5		0.002 U	0.002 U	0.002 U	0.002 U
Hexachloroethane	mg/L	3		0.002 U	0.002 U	0.002 U	0.002 U
Nitrobenzene	mg/L	2		0.002 U	0.002 U	0.002 U	0.002 U
Pentachlorophenol	mg/L	100		0.006 U	0.006 U	0.006 U	0.006 U
pyridine	mg/L	5		0.004 U	0.004 U	0.004 U	0.004 U
1,1-Dichloroethene	mg/L	0.7		0.016 U	0.016 U	0.016 U	0.016 U
1,2-Dichloroethane	mg/L	0.5		0.02 U	0.02 U	0.02 U	0.02 U
Benzene	mg/L	0.5		0.01 U	0.01 U	0.01 U	0.01 U
Carbon tetrachloride	mg/L	0.5		0.02 U	0.02 U	0.02 U	0.02 U
Chlorobenzene	mg/L	100		0.016 U	0.016 U	0.016 U	0.016 U
Chloroform	mg/L	6		0.016 U	0.016 U	0.016 U	0.016 U
Methyl ethyl ketone (2-butanone)	mg/L	200		0.06 U	0.06 U	0.06 U	0.06 U
Tetrachloroethene (PCE)	mg/L	0.7		0.016 U	0.016 U	0.016 U	0.016 U
Trichloroethene (TCE)	mg/L	0.5		0.02 U	0.02 U	0.02 U	0.02 U
Vinyl chloride	mg/L	0.2		0.02 U	0.02 U	0.02 U	0.02 U

* - Region IX PRG - Residential Soils

** - Region IX PRG - Industrial Soils

mg/L - milligrams/Liter

mg/Kg - milligrams/Kilogram

ug/Kg - micrograms/Kilogram

U - Undetected at specified MDL

J - Estimated

Deg F - degrees Fahrenheit

Table 34. SWMU 6 Borrow Pit Area Historical Soil Sample Results (Phase I)

Union Carbide Corporation, Woodbine, Georgia

Analytical ID RFI Phase Type			SO-607A 1993 Phase 1 RFI Test Pit Sample	SO-607B 1993 Phase 1 RFI Test Pit Sample
Parameter Name	Unit	Applicable Standard		
Barium	mg/kg	15,000*	1.6	1.7
Chromium, total	mg/kg	230**	4.5	2
Lead	mg/kg	400*	3.4	1.2
Mercury	mg/kg	6.7*	0.014	ND
Naphthalene	mg/kg	150*	0.014	ND
1,2,4-trimethybenzene	mg/kg	67*	0.0094	ND

mg/kg - milligrams/kilogram

* Regional Screening Levels for Chemical Contaminants at Superfund Sites 2008 - Residential Soils

** Regional Screening Levels for Chemical Contaminants at Superfund Sites 2008 - Residential Soils (Chromium VI (particulates))

Table 35. SWMU 6 Borrow Pit Area Historical Soil Sample Results (Phase II)

Union Carbide Corporation, Woodbine, Georgia

Analytical ID RFI Phase Type			9131 1996 Phase II RFI Test Pit 1 Waste	9132 1996 Phase II RFI Test Pit 2 Waste	9133 1996 Phase II RFI Test Pit 2 Waste	9134 1996 Phase II RFI Test Pit 2 Waste	9135 1996 Phase II RFI Test Pit 3 Waste
Parameter Name	Unit	Applicable Standard					
Barium	mg/kg	15,000*	13	ND	ND	15	4.1
Chromium, total	mg/kg	230**	3.7	ND	7.5	4.5	7.9
Lead	mg/kg	400*	4	0.64	59	44	5.7
Mercury	mg/kg	6.7*	0.73	ND	ND	0.023	0.012
Acetone	mg/kg	61,000*	0.059	0.58	ND	0.034 J	ND
Carbon disulfide	mg/kg	670*	ND	ND	ND	0.3	ND
Benzene	mg/kg	1.1*	ND	0.078	ND	ND	ND
Toluene	mg/kg	5,000*	ND	0.44	ND	ND	ND
Ethylbenzene	mg/kg	5.7*	ND	0.15	ND	ND	ND
Xylenes, total	mg/kg	600*	ND	0.82	ND	ND	ND

mg/kg - milligrams/kilogram

* Regional Screening Levels for Chemical Contaminants at Superfund Sites 2008 - Residential Soils

** Regional Screening Levels for Chemical Contaminants at Superfund Sites 2008 - Residential Soils (Chromium VI (particulates))

Table 36. SWMU 6 Borrow Pit Soil Sample Results
Union Carbide Corporation, Woodbine, Georgia

Analytical ID Sample ID Date Type			S6_Borrow_1 S6BP-TP01 10/17/2007 Composite Soil	S6_Borrow_2 S6BP-TP02 10/17/2007 Composite Soil	S6_Borrow_3 S6BP-TP03 10/17/2007 Composite Soil	S6_Borrow_4 S6BP-TP04 10/16/2007 Composite Soil	S6_Borrow_5 S6BP-TP05 10/16/2007 Composite Soil	S6_Borrow_6 S6BP-TP06 10/16/2007 Composite Soil
Parameter Name	Unit	Applicable Standard						
cyanide	mg/kg	1,600*	0.21 U	0.21 U	0.29 U	0.22 U	0.2 U	0.21 U
flash point	Deg F	<140 F	No Flash	No Flash	No Flash	No Flash	No Flash	No Flash
ph	pH Units	<2 or >12	7.18	6.11	7.16	6.38	6.46	6.4
2-Chlorobenzalmalononitrile	ug/kg	No Standard	200 U	190 U	270 U	210 U	180 U	190 U
TCLP Analysis								
2,4-d (dichlorophenoxyacetic acid)	mg/L	10	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
silvex (2,4,5-tp)	mg/L	1	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Arsenic	mg/L	5	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Barium	mg/L	100	0.0417	0.227	0.257	0.241	0.0553	0.315
Cadmium	mg/L	1	0.0011 J	0.0009 U	0.0009 U	0.00098 J	0.0009 U	0.0009 U
Chromium, total	mg/L	5	0.003 J	0.0023 U	0.0023 U	0.0043 J	0.0033 J	0.0053 J
Lead	mg/L	5	0.0112 J	0.0069 U	0.0069 U	0.0069 U	0.019	0.0069 U
Mercury	mg/L	0.2	0.000056 U	0.000056 U	0.000056 U	0.000056 U	0.000056 U	0.000056 U
Selenium	mg/L	1	0.0094 U	0.0094 U	0.0094 U	0.0094 U	0.0094 U	0.0094 U
Silver	mg/L	5	0.0016 U	0.0016 U	0.0016 U	0.0016 U	0.0016 U	0.0016 U
chlordane	mg/L	0.03	0.00035 U	0.00035 U	0.00035 U	0.00035 U	0.00035 U	0.00035 U
endrin	mg/L	0.02	0.00002 U	0.00002 U	0.00002 U	0.00002 U	0.00002 U	0.00002 U
gamma bhc (lindane)	mg/L	0.4	0.00001 U	0.00001 U	0.00001 U	0.00001 U	0.00001 U	0.00001 U
heptachlor	mg/L	0.008	0.000015 U	0.000015 U	0.000015 U	0.000015 U	0.000015 U	0.000015 U
heptachlor epoxide	mg/L	No Standard	0.000015 U	0.000015 U	0.000015 U	0.000015 U	0.000015 U	0.000015 U
methoxychlor	mg/L	10	0.00015 U	0.00015 U	0.00015 U	0.00015 U	0.00015 U	0.00015 U
toxaphene	mg/L	0.5	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,4-Dichlorobenzene	mg/L	7.5	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
2,4,5-Trichlorophenol	mg/L	400	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
2,4,6-Trichlorophenol	mg/L	2	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
2,4-Dinitrotoluene	mg/L	0.13	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
2-Methylphenol (o-Cresol)	mg/L	200	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
4-Methylphenol (p-Cresol)	mg/L	200	0.004 U	0.004 U	0.012 J	0.004 U	0.004 U	0.004 U
Hexachlorobenzene	mg/L	0.13	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Hexachlorobutadiene	mg/L	0.5	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Hexachloroethane	mg/L	3	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Nitrobenzene	mg/L	2	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Pentachlorophenol	mg/L	100	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U

Table 36. SWMU 6 Borrow Pit Soil Sample Results
Union Carbide Corporation, Woodbine, Georgia

			Analytical ID	S6_Borrow_1	S6_Borrow_2	S6_Borrow_3	S6_Borrow_4	S6_Borrow_5	S6_Borrow_6
			Sample ID	S6BP-TP01	S6BP-TP02	S6BP-TP03	S6BP-TP04	S6BP-TP05	S6BP-TP06
			Date	10/17/2007	10/17/2007	10/17/2007	10/16/2007	10/16/2007	10/16/2007
			Type	Composite Soil	Composite Soil	Composite Soil	Composite Soil	Composite Soil	Composite Soil
Parameter Name	Unit	Applicable Standard							
TCLP Analysis (continued)									
pyridine	mg/L	5		0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U
1,1-Dichloroethene	mg/L	0.7		0.016 U	0.016 U	0.016 U	0.016 U	0.016 U	0.016 U
1,2-Dichloroethane	mg/L	0.5		0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Benzene	mg/L	0.5		0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Carbon tetrachloride	mg/L	0.5		0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Chlorobenzene	mg/L	100		0.016 U	0.016 U	0.016 U	0.016 U	0.016 U	0.016 U
Chloroform	mg/L	6		0.016 U	0.016 U	0.016 U	0.016 U	0.016 U	0.016 U
Methyl ethyl ketone (2-butanone)	mg/L	200		0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U
Tetrachloroethene (PCE)	mg/L	0.7		0.016 U	0.016 U	0.016 U	0.016 U	0.016 U	0.016 U
Trichloroethene (TCE)	mg/L	0.5		0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Vinyl chloride	mg/L	0.2		0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U

* Regional Screening Levels for Chemical Contaminants at Superfund Sites 2008 - Residential Soils

mg/L - milligrams/Liter

mg/Kg - milligrams/Kilogram

ug/Kg - micrograms/Kilogram

U - Undetected at specified MDL

J - Estimated

Deg F - degrees Fahrenheit

Table 37. SWMU 8 Phase III MEC RFI Conclusions

Union Carbide Corporation, Woodbine, Georgia

Decision Unit	Characterization of Munitions Constituents	HHRA Summary	ERA Summary	Conclusion
DU-1-1	Explosive Residues – nondetect; significantly below their respective industrial or residential soil RSLs. Perchlorate – nondetect; significantly below its respective industrial or residential soil RSL. TAL Metals – significantly below their respective industrial or residential soil RSL. Hexavalent Chromium – nondetect; mean concentration significantly below its industrial soil RSL. Tear Gas Compounds – nondetect; mean quinoline concentration significantly below its industrial soil RSL.	No COPCs were identified for industrial land use; therefore, there are no unacceptable risks for industrial land use based on USEPA and GA EPD target risk levels. Estimated risks for residential scenario were within USEPA and GA EPD target risk levels.	No COPCs were identified. No unacceptable risks to ecological receptors are present.	No Further Action is warranted regarding MC.
DU-1-2	Explosive Residues – nondetect; significantly below their respective industrial or residential soil RSLs. Perchlorate – nondetect; significantly below its respective industrial or residential soil RSL. TAL Metals – significantly below their respective industrial or residential soil RSL. Hexavalent Chromium – nondetect; mean concentration significantly below its industrial soil RSL. Tear Gas Compounds – nondetect; significantly below their respective industrial or residential soil RSLs.	No COPCs were identified for industrial land use; therefore, there are no unacceptable risks for industrial land use based on USEPA and GA EPD target risk levels. Estimated risks for residential scenario were within USEPA and GA EPD target risk levels.	No COPCs were identified. No unacceptable risks to ecological receptors are present.	No Further Action is warranted regarding MC.
DU-1-3	Explosive Residues – nondetect; significantly below their respective industrial or residential soil RSLs. Perchlorate – nondetect; significantly below its respective industrial or residential soil RSL. TAL Metals – significantly below their respective industrial or residential soil RSL. Hexavalent Chromium – nondetect; mean concentration significantly below its industrial soil RSL. Tear Gas Compounds – nondetect; significantly below their respective industrial or residential soil RSLs.	No COPCs were identified for industrial land use; therefore, there are no unacceptable risks for industrial land use based on USEPA and GA EPD target risk levels. Estimated risks for residential scenario were within USEPA and GA EPD target risk levels.	No COPCs were identified. No unacceptable risks to ecological receptors are present.	No Further Action is warranted regarding MC.

Table 37. SWMU 8 Phase III MEC RFI Conclusions

Union Carbide Corporation, Woodbine, Georgia

Decision Unit	Characterization of Munitions Constituents	HHRA Summary	ERA Summary	Conclusion
DU-1-4	Explosive Residues – nondetect; significantly below their respective industrial or residential soil RSLs. Perchlorate – nondetect; significantly below its respective industrial or residential soil RSL. TAL Metals – significantly below their respective industrial or residential soil RSL. Hexavalent Chromium – nondetect; mean concentration significantly below its industrial soil RSL. Tear Gas Compounds – nondetect; significantly below their respective industrial or residential soil RSLs.	No COPCs were identified for industrial land use; therefore, there are no unacceptable risks for industrial land use based on USEPA and GA EPD target risk levels. Estimated risks for residential scenario were within USEPA and GA EPD target risk levels.	No COPCs were identified. No unacceptable risks to ecological receptors are present.	No Further Action is warranted regarding MC.
DU-1-5	Explosive Residues – nondetect; significantly below their respective industrial or residential soil RSLs. Perchlorate – nondetect; significantly below its respective industrial or residential soil RSL. TAL Metals – significantly below their respective industrial or residential soil RSL. Hexavalent Chromium – nondetect; mean concentration significantly below its industrial soil RSL. Tear Gas Compounds – nondetect; significantly below their respective industrial or residential soil RSLs.	No COPCs were identified for industrial land use; therefore, there are no unacceptable risks for industrial land use based on USEPA and GA EPD target risk levels. Estimated risks for residential scenario exceeded GA EPD target risk level because of arsenic.	No COPCs were identified. No unacceptable risks to ecological receptors are present.	No Further Action is warranted regarding MC.
DU-1-6	Explosive Residues – nondetect; significantly below their respective industrial or residential soil RSLs. Perchlorate – nondetect; significantly below its respective industrial or residential soil RSL. TAL Metals – significantly below their respective industrial or residential soil RSL. Hexavalent Chromium – nondetect; mean concentration significantly below its industrial soil RSL. Tear Gas Compounds – nondetect; significantly below their respective industrial or residential soil RSLs.	No COPCs were identified for industrial land use; therefore, there are no unacceptable risks for industrial land use based on USEPA and GA EPD target risk levels. Estimated risks for residential scenario were within USEPA and GA EPD target risk levels.	No COPCs were identified. No unacceptable risks to ecological receptors are present.	No Further Action is warranted regarding MC.

Table 37. SWMU 8 Phase III MEC RFI Conclusions*Union Carbide Corporation, Woodbine, Georgia*

Decision Unit	Characterization of Munitions Constituents	HHRA Summary	ERA Summary	Conclusion
DU-1-7	Explosive Residues – nondetect; significantly below their respective industrial or residential soil RSLs. Perchlorate – nondetect; significantly below its respective industrial or residential soil RSL. TAL Metals – significantly below their respective industrial or residential soil RSL. Hexavalent Chromium – nondetect; mean concentration significantly below its industrial soil RSL. Tear Gas Compounds – nondetect; significantly below their respective industrial or residential soil RSLs.	No COPCs were identified for industrial land use; therefore, there are no unacceptable risks for industrial land use based on USEPA and GA EPD target risk levels. Estimated risks for residential scenario exceeded GA EPD target risk level because of arsenic.	No COPCs were identified. No unacceptable risks to ecological receptors are present.	No Further Action is warranted regarding MC.
DU-1-8	Explosive Residues – nondetect; significantly below their respective industrial or residential soil RSLs. Perchlorate – nondetect; significantly below its respective industrial or residential soil RSL. TAL Metals – significantly below their respective industrial or residential soil RSL. Hexavalent Chromium – nondetect; mean concentration significantly below its industrial soil RSL. Tear Gas Compounds – nondetect; significantly below their respective industrial or residential soil RSLs.	No COPCs were identified for industrial land use; therefore, there are no unacceptable risks for industrial land use based on USEPA and GA EPD target risk levels. Estimated risks for residential scenario were within USEPA and GA EPD target risk levels.	No COPCs were identified. No unacceptable risks to ecological receptors are present.	No Further Action is warranted regarding MC.
DU-1-9	Explosive Residues – nondetect; significantly below their respective industrial or residential soil RSLs. Perchlorate – nondetect; significantly below its respective industrial or residential soil RSL. TAL Metals – significantly below their respective industrial or residential soil RSL. Hexavalent Chromium – nondetect; mean concentration significantly below its industrial soil RSL. Tear Gas Compounds – nondetect; significantly below their respective industrial or residential soil RSLs.	No COPCs were identified for industrial land use; therefore, there are no unacceptable risks for industrial land use based on USEPA and GA EPD target risk levels. Estimated risks for residential scenario exceeded GA EPD target risk level because of arsenic.	No COPCs were identified. No unacceptable risks to ecological receptors are present.	No Further Action is warranted regarding MC.

Table 37. SWMU 8 Phase III MEC RFI Conclusions

Union Carbide Corporation, Woodbine, Georgia

Decision Unit	Characterization of Munitions Constituents	HHRA Summary	ERA Summary	Conclusion
DU-1-10	Explosive Residues – nondetect; significantly below their respective industrial or residential soil RSLs. Perchlorate – nondetect; significantly below its respective industrial or residential soil RSL. TAL Metals – significantly below their respective industrial or residential soil RSL. Hexavalent Chromium – nondetect; mean concentration significantly below its industrial soil RSL. Tear Gas Compounds – nondetect; significantly below their respective industrial or residential soil RSLs.	No COPCs were identified for industrial land use; therefore, there are no unacceptable risks for industrial land use based on USEPA and GA EPD target risk levels. Estimated risks for residential scenario were within USEPA and GA EPD target risk levels.	No COPCs were identified. No unacceptable risks to ecological receptors are present.	No Further Action is warranted regarding MC.
DU-1-11	Not sampled because of concrete covering that makes up the foundation of the former Rocket Test Pit.			
DU-1-12	Dioxins/Furans – significantly below their respective industrial and residential soil RSL. Explosive Residues – nondetect; significantly below their respective industrial or residential soil RSLs. Perchlorate – nondetect; significantly below its respective industrial or residential soil RSL. TAL Metals – significantly below their respective industrial or residential soil RSL. Hexavalent Chromium – nondetect; mean concentration significantly below its industrial soil RSL. Tear Gas Compounds – nondetect; significantly below their respective industrial or residential soil RSLs.	No COPCs were identified for industrial land use; therefore, there are no unacceptable risks for industrial land use based on USEPA and GA EPD target risk levels. Estimated risks for residential scenario exceeded GA EPD target risk level because of the TCDD TEQ.	No COPCs were identified. No unacceptable risks to ecological receptors are present.	No Further Action is warranted regarding MC.

Table 37. SWMU 8 Phase III MEC RFI Conclusions

Union Carbide Corporation, Woodbine, Georgia

Decision Unit	Characterization of Munitions Constituents	HHRA Summary	ERA Summary	Conclusion
DU-1-13	Explosive Residues – nondetect; significantly below their respective industrial or residential soil RSLs. Perchlorate – nondetect; significantly below its respective industrial or residential soil RSL. TAL Metals – significantly below their respective industrial or residential soil RSL. Hexavalent Chromium – nondetect; mean concentration significantly below its industrial soil RSL. Tear Gas Compounds – nondetect; significantly below their respective industrial or residential soil RSLs.	No COPCs were identified for industrial land use; therefore, there are no unacceptable risks for industrial land use based on USEPA and GA EPD target risk levels. Estimated risks for residential scenario were within USEPA and GA EPD target risk levels.	No COPCs were identified. No unacceptable risks to ecological receptors are present.	No Further Action is warranted regarding MC.
DU-1-14	Explosive Residues – nondetect; significantly below their respective industrial or residential soil RSLs. Perchlorate – nondetect; significantly below its respective industrial or residential soil RSL. TAL Metals – significantly below their respective industrial or residential soil RSL. Hexavalent Chromium – nondetect; mean concentration significantly below its industrial soil RSL. Tear Gas Compounds – nondetect; significantly below their respective industrial or residential soil RSLs.	No COPCs were identified for industrial land use; therefore, there are no unacceptable risks for industrial land use based on USEPA and GA EPD target risk levels. Estimated risks for residential scenario were within USEPA and GA EPD target risk levels.	No COPCs were identified. No unacceptable risks to ecological receptors are present.	No Further Action is warranted regarding MC.

Table 37. SWMU 8 Phase III MEC RFI Conclusions

Union Carbide Corporation, Woodbine, Georgia

Decision Unit	Characterization of Munitions Constituents	HHRA Summary	ERA Summary	Conclusion
DU-1-15	Dioxins/Furans – significantly below their respective industrial and residential soil RSL. Explosive Residues – nondetect; significantly below their respective industrial or residential soil RSLs. Perchlorate – nondetect; significantly below its respective industrial or residential soil RSL. TAL Metals – significantly below their respective industrial or residential soil RSL. Hexavalent Chromium – nondetect; mean concentration significantly below its industrial soil RSL. Tear Gas Compounds – nondetect; significantly below their respective industrial or residential soil RSLs.	No COPCs were identified for industrial land use; therefore, there are no unacceptable risks for industrial land use based on USEPA and GA EPD target risk levels. Estimated risks for residential scenario were within USEPA and GA EPD target risk levels.	No COPCs were identified. No unacceptable risks to ecological receptors are present.	No Further Action is warranted regarding MC.

COPC = constituent of potential concern

ERA = ecological risk assessment

HHRA = human health risk assessment

MEC = munitions and explosives of concern

RSL = regional screening level

TAL = target analyte list

TEQ = toxicity equivalent

DU = decision unit

GA EPD = Georgia Environmental Protection Division

MC = munitions constituents

RFI = Resource Conservation and Recovery Act facility investigation

SWMU = solid waste management unit

TCDD = 2,3,7,8-tetrachlorodibenzo-p-dioxin

USEPA = U.S. Environmental Protection Agency

Table 38. SWMU 9 Phase III MEC RFI Conclusions

Union Carbide Corporation, Woodbine, Georgia

Decision Unit	Characterization of Munitions Constituents	HHRA Summary	ERA Summary	Conclusions
DU-2-1	Explosive Residues – nondetect; significantly below their respective industrial or residential soil RSLs. Perchlorate – nondetect; significantly below its respective industrial or residential soil RSL. TAL Metals – significantly below their respective industrial or residential soil RSL. Hexavalent Chromium – nondetect; mean concentration significantly below its industrial soil RSL. Tear Gas Compounds – nondetect; significantly below their respective industrial or residential soil RSLs.	No COPCs were identified for industrial land use; therefore, there are no unacceptable risks for industrial land use based on USEPA and GA EPD target risk levels. Estimated risks for residential scenario were within USEPA and GA EPD target risk levels.	No COPCs were identified. No unacceptable risks to ecological receptors are present.	No Further Action is warranted regarding MC.
DU-2-2	Explosive Residues – nondetect; significantly below their respective industrial or residential soil RSLs. Perchlorate – nondetect; significantly below its respective industrial or residential soil RSL. TAL Metals – significantly below their respective industrial or residential soil RSL. Hexavalent Chromium – nondetect; mean concentration significantly below its industrial soil RSL. Tear Gas Compounds – nondetect; significantly below their respective industrial or residential soil RSLs.	No COPCs were identified for industrial land use; therefore, there are no unacceptable risks for industrial land use based on USEPA and GA EPD target risk levels. Estimated risks for residential scenario were within USEPA and GA EPD target risk levels.	No COPCs were identified. No unacceptable risks to ecological receptors are present.	No Further Action is warranted regarding MC.
DU-2-3	Explosive Residues – nondetect; significantly below their respective industrial or residential soil RSLs. Perchlorate – nondetect; significantly below its respective industrial or residential soil RSL. TAL Metals – significantly below their respective industrial or residential soil RSL. Hexavalent Chromium – nondetect; mean concentration significantly below its industrial soil RSL. Tear Gas Compounds – nondetect; quinoline below the industrial soil RSL.	No COPCs were identified for industrial land use; therefore, there are no unacceptable risks for industrial land use based on USEPA and GA EPD target risk levels. Estimated risks for residential scenario were within USEPA and GA EPD target risk levels.	No COPCs were identified. No unacceptable risks to ecological receptors are present.	No Further Action is warranted regarding MC.

Table 38. SWMU 9 Phase III MEC RFI Conclusions

Union Carbide Corporation, Woodbine, Georgia

Decision Unit	Characterization of Munitions Constituents	HHRA Summary	ERA Summary	Conclusions
DU-2-4	Explosive Residues – nondetect; significantly below their respective industrial or residential soil RSLs. Perchlorate – nondetect; significantly below its respective industrial or residential soil RSL. TAL Metals – significantly below their respective industrial or residential soil RSL. Hexavalent Chromium – nondetect; mean concentration significantly below its industrial soil RSL. Tear Gas Compounds – nondetect; significantly below their respective industrial or residential soil RSLs.	No COPCs were identified for industrial land use; therefore, there are no unacceptable risks for industrial land use based on USEPA and GA EPD target risk levels. Estimated risks for residential scenario were within USEPA and GA EPD target risk levels.	No COPCs were identified. No unacceptable risks to ecological receptors are present.	No Further Action is warranted regarding MC.
DU-2-5	Dioxins/Furans – significantly below their respective industrial and residential soil RSL. Explosive Residues – nondetect; significantly below their respective industrial or residential soil RSLs. Perchlorate – nondetect; significantly below its respective industrial or residential soil RSL. TAL Metals – significantly below their respective industrial or residential soil RSL. Hexavalent Chromium – nondetect; significantly below its industrial soil RSL. Tear Gas Compounds – nondetect; significantly below their respective industrial or residential soil RSLs.	No COPCs were identified for industrial land use; therefore, there are no unacceptable risks for industrial land use based on USEPA and GA EPD target risk levels. Estimated risks for residential scenario exceeded GA EPD target risk level because of arsenic and TCDD TEQ.	No COPCs were identified. No unacceptable risks to ecological receptors are present.	No Further Action is warranted regarding MC.

COPC = constituent of potential concern

ERA = ecological risk assessment

HHRA = human health risk assessment

MEC = munitions and explosives of concern

RSL = regional screening level

TAL = target analyte list

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RFI = Resource Conservation and Recovery Act facility investigation

SWMU = solid waste management unit

TCDD = 2,3,7,8-tetrachlorodibenzo-p-dioxin

USEPA = U.S. Environmental Protection Agency