Table 48
Chemicals of Interest in Groundwater
Phase II RFI
Former DuPont Brevard Facility

Analyte[1]	CAS No.	Filtered	Units	Number of Samples	Number of Detects	Average Detection	Maximum Detection	Screening Level	Source[2]
Inorganics									
BARIUM	7440393	T	ug/l	122	118	5.23E+01	8.28E+02	2.00E+03	NC2LGW
CHROMIUM	7440473	T	ug/l	122	97	1.65E+00	3.36E+01	5.00E+01	NC2LGW
ZINC	7440666	T	ug/l	98	70	1.85E+01	4.47E+02	2.10E+03	NC2LGW
ARSENIC	7440382	T	ug/l	122	68	9.82E-01	7.80E+00	1.00E+01	NC2LGW
COBALT	7440484	T	ug/l	98	31	3.87E+00	1.20E+02	7.30E+02	R9_TAP
ANTIMONY	7440360	T	ug/l	98	22	4.38E-01	1.25E+00	1.50E+01	R9_TAP
COPPER	7440508	T	ug/l	98	22	2.43E+00	3.05E+01	1.00E+03	NC2LGW
VANADIUM	7440622	T	ug/l	98	22	2.55E+00	1.01E+02	3.60E+01	R9_TAP
TIN	7440315	T	ug/l	98	17	3.70E+00	2.61E+01	2.20E+04	R9_TAP
THALLIUM	7440280	T	ug/l	98	15	2.83E-01	3.70E+00	2.40E+00	R9_TAP
SELENIUM	7782492	T	ug/l	122	13	2.69E+00	1.02E+01	5.00E+01	NC2LGW
NICKEL	7440020	T	ug/l	98	12	3.07E+00	8.83E+01	1.00E+02	NC2LGW
BERYLLIUM	7440417	T	ug/l	98	8	6.19E-01	1.77E+01	7.30E+01	R9_TAP
CADMIUM	7440439	T	ug/l	122	8	3.92E-01	2.30E+00	5.00E+00	NC2LGW
IRON	7439896	T	ug/l	8	8	5.29E+03	9.75E+03	3.00E+02	NC2LGW
SILVER	7440224	T	ug/l	122	8	8.39E-01	4.10E+00	1.80E+01	NC2LGW
LEAD	7439921	T	ug/l	122	6	5.17E+00	9.08E+01	1.50E+01	NC2LGW
MERCURY	7439976	T	ug/l	122	1	3.79E-02	1.00E-01	1.10E+00	NC2LGW
CYANIDE	57125	T	ug/l	29	0	2.31E+00	2.50E+00	1.54E+02	NC2LGW
Volatile Organic Compounds/Semivolatile Organic Compounds									
CIS-1,2 DICHLOROETHENE	156592	T	ug/l	122	40	1.76E+00	1.10E+02	7.00E+01	NC2LGW
VINYL CHLORIDE	75014	T	ug/l	122	37	4.40E-01	1.20E+01	1.50E-02	NC2LGW
BENZENE	71432	T	ug/l	122	32	3.10E-01	4.60E+00	1.00E+00	NC2LGW
TRICHLOROETHENE	79016	T	ug/l	122	29	2.00E+00	6.80E+01	2.80E+00	NC2LGW
CHLOROFORM	67663	T	ug/l	122	26	7.19E-01	1.50E+01	1.90E-01	NC2LGW
1,1-DICHLOROETHANE	75343	T	ug/l	122	21	2.36E-01	2.50E+00	7.00E+02	NC2LGW
1,4-DIOXANE	123911	T	ug/l	98	21	3.51E+00	3.50E+01	7.00E+00	NC2LGW
TETRACHLOROETHYLENE	127184	T	ug/l	122	21	3.09E-01	4.50E+00	7.00E-01	NC2LGW
ETHYL CHLORIDE	75003	T	ug/l	122	17	2.55E-01	2.50E+00	2.80E+03	NC2LGW
1,1'-OXYBISBENZENE	101848	T	ug/l	69	16	1.19E+01	3.90E+02	1.80E+02	DuPont IMAC
TOLUENE	108883	T	ug/l	122	16	1.81E-01	2.50E+00	1.00E+03	NC2LGW
TRICHLOROFLUOROMETHANE	75694	T	ug/l	122	14	2.89E-01	5.10E+00	2.10E+03	NC2LGW
1,1-DICHLOROETHENE	75354	T	ug/l	122	9	2.20E-01	4.00E+00	7.00E+00	NC2LGW
1,2-DICHLOROETHANE	107062	T	ug/l	122	9	1.71E-01	2.50E+00	3.80E-01	NC2LGW

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Chemicals of Interest in Groundwater
Phase II RFI
Former DuPont Brevard Facility

Analyte[1]	CAS No.	Filtered	Units	Number of Samples	Number of Detects	Average Detection	Maximum Detection	Screening Level	Source[2]
TRANS-1,2-DICHLOROETHENE	156605	T	ug/l	122	9	4.00E-01	2.10E+01	7.00E+01	NC2LGW
METHYL CHLORIDE	74873	T	ug/l	122	7	1.67E-01	2.50E+00	2.60E+00	NC2LGW
XYLENES	1330207	T	ug/l	110	7	1.70E-01	2.50E+00	5.30E+02	NC2LGW
1,1,2,2-TETRACHLOROETHANE	79345	T	ug/l	122	6	4.91E-01	2.70E+01	1.70E-01	NCIMAC
ETHYLBENZENE	100414	T	ug/l	122	6	1.54E-01	2.50E+00	2.90E+01	NC2LGW
1,1,2-TRICHLOROETHANE	79005	T	ug/l	122	5	1.77E-01	2.50E+00	2.00E-01	R9_TAP
BIPHENYL	92524	T	ug/l	69	5	1.38E+00	3.20E+01	3.50E+02	NC2LGW
METHYL ETHYL KETONE	78933	T	ug/l	122	5	7.39E-01	5.00E+00	1.70E+02	NC2LGW
METHYLENE CHLORIDE	75092	T	ug/l	122	5	2.30E-01	2.50E+00	5.00E+00	NC2LGW
1,1,1-TRICHLOROETHANE	71556	T	ug/l	122	4	1.58E-01	2.50E+00	2.00E+02	NC2LGW
ACETONE	67641	T	ug/l	122	3	1.91E+00	1.00E+01	7.00E+02	NC2LGW
CHLORIDE	16887006	T	ug/l	8	3	1.81E+03	4.50E+03	2.50E+05	NC2LGW
CHLOROBENZENE	108907	T	ug/l	122	3	1.49E-01	2.50E+00	5.00E+01	NC2LGW
NAPHTHALENE	91203	T	ug/l	106	3	5.65E-01	5.00E+00	2.10E+01	NC2LGW
SULFATE	14808798	T	ug/l	8	3	3.95E+03	6.90E+03	2.50E+05	NC2LGW
CARBON DISULFIDE	75150	T	ug/l	122	2	1.48E-01	2.50E+00	7.00E+02	NC2LGW
CARBON TETRACHLORIDE	56235	T	ug/l	122	2	1.63E-01	2.50E+00	3.00E-01	NC2LGW
DICHLORODIFLUOROMETHANE	75718	T	ug/l	98	2	5.31E-02	3.00E-01	1.40E+03	NC2LGW
IODOMETHANE	74884	T	ug/l	122	2	1.51E-01	2.50E+00	-	-
BIS(2-ETHYLHEXYL)PHTHALATE	117817	T	ug/l	106	1	1.15E+00	1.00E+01	3.00E+00	NC2LGW
DIMETHYL PHTHALATE	131113	T	ug/l	106	1	1.10E+00	1.00E+01	3.60E+05	R9_TAP
DI-N-BUTYL PHTHALATE	84742	T	ug/l	106	1	1.10E+00	1.00E+01	7.00E+02	NC2LGW
META- AND PARA-XYLENE	136777612	T	ug/l	12	1	5.42E-02	1.00E-01	5.30E+02	NC2LGW
METHYLENE BROMIDE	74953	T	ug/l	122	1	1.50E-01	2.50E+00	6.10E+01	R9_TAP
PHENOL	108952	T	ug/l	106	1	5.46E-01	5.00E+00	3.00E+02	NC2LGW
1,1,1,2-TETRACHLOROETHANE	630206	T	ug/l	122	0	1.45E-01	2.50E+00	4.30E-01	R9_TAP
1,2,3-TRICHLOROPROPANE	96184	T	ug/l	122	0	2.39E-01	2.50E+00	5.00E-03	NC2LGW
1,2,4,5-TETRACHLOROBENZENE	95943	T	ug/l	106	0	1.07E+00	1.00E+01	1.10E+01	R9_TAP
1,2,4-TRICHLOROBENZENE	120821	T	ug/l	106	0	5.41E-01	5.00E+00	7.00E+01	NCIMAC
1,2-DIBROMO-3-CHLOROPROPANE	96128	T	ug/l	122	0	3.48E-01	2.50E+00	2.50E-02	NC2LGW
1,2-DIBROMOETHANE (EDB)	106934	T	ug/l	122	0	1.45E-01	2.50E+00	4.00E-04	NC2LGW
1,2-DICHLOROBENZENE	95501	T	ug/l	122	0	5.43E-01	5.00E+00	6.20E+02	NC2LGW
1,2-DICHLOROPROPANE	78875	T	ug/l	122	0	1.45E-01	2.50E+00	5.60E-01	NC2LGW
1,2-DIPHENYLHYDRAZINE	122667	T	ug/l	98	0	5.45E-01	5.00E+00	8.40E-02	R9_TAP
1,3,5-TRINITROBENZENE	99354	T	ug/l	106	0	2.68E+00	2.50E+01	1.10E+03	R9_TAP

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Chemicals of Interest in Groundwater
Phase II RFI
Former DuPont Brevard Facility

Analyte[1]	CAS No.	Filtered	Units	Number of Samples	Number of Detects	Average Detection	Maximum Detection	Screening Level	Source[2]
1,3-DICHLOROBENZENE	541731	T	ug/l	106	0	5.41E-01	5.00E+00	6.20E+02	NC2LGW
1,3-DINITROBENZENE	99650	T	ug/l	106	0	8.86E-01	5.00E+00	3.60E+00	R9_TAP
1,4-DICHLOROBENZENE	106467	T	ug/l	122	0	5.43E-01	5.00E+00	7.50E+01	NC2LGW
1,4-NAPHTHOQUINONE	130154	T	ug/l	106	0	5.43E+00	5.00E+01	-	-
1-METHYLNAPHTHALENE	90120	T	ug/l	98	0	5.45E-01	5.00E+00	2.40E+01	R3 RBSC
1-NAPHTHYLAMINE	134327	T	ug/l	106	0	2.66E+00	2.50E+01	-	-
2,3,4,6-TETRACHLOROPHENOL	58902	T	ug/l	106	0	1.10E+00	1.00E+01	2.10E+02	NC2LGW
2,4,5-TRICHLOROPHENOL	95954	T	ug/l	106	0	5.61E-01	5.00E+00	3.60E+03	R9_TAP
2,4,6-TRICHLOROPHENOL	88062	T	ug/l	106	0	5.61E-01	5.00E+00	3.60E+00	R9_TAP
2,4-DICHLOROPHENOL	120832	T	ug/l	106	0	5.41E-01	5.00E+00	1.10E+02	R9_TAP
2,4-DIMETHYLPHENOL	105679	T	ug/l	106	0	5.41E-01	5.00E+00	1.40E+02	NC2LGW
2,4-DINITROPHENOL	51285	T	ug/l	106	0	1.06E+01	1.00E+02	7.30E+01	R9_TAP
2,4-DINITROTOLUENE	121142	T	ug/l	106	0	5.41E-01	5.00E+00	7.30E+01	R9_TAP
2,6-DICHLOROPHENOL	87650	T	ug/l	106	0	1.07E+00	1.00E+01	1.10E+02	R9_TAP
2,6-DINITROTOLUENE	606202	T	ug/l	106	0	5.61E-01	5.00E+00	3.60E+01	R9_TAP
2-ACETYLAMINOFLUORENE	53963	T	ug/l	106	0	1.08E+00	1.00E+01	-	-
2-CHLOROPHENOL	95578	T	ug/l	106	0	5.41E-01	5.00E+00	1.00E-01	NC2LGW
2-HEXANONE	591786	T	ug/l	122	0	6.80E-01	5.00E+00	2.80E+02	NCIMAC
2-METHYLNAPHTHALENE	91576	T	ug/l	106	0	5.41E-01	5.00E+00	1.40E+01	NC2LGW
2-METHYLPHENOL (O-CRESOL)	95487	T	ug/l	106	0	5.41E-01	5.00E+00	1.80E+03	R9_TAP
2-NAPHTHYLAMINE	91598	T	ug/l	106	0	2.66E+00	2.50E+01	-	-
2-NITROANILINE	88744	T	ug/l	106	0	5.61E-01	5.00E+00	1.10E+02	R9_TAP
2-NITROPHENOL	88755	T	ug/l	106	0	5.41E-01	5.00E+00	-	-
2-PICOLINE	109068	T	ug/l	106	0	1.08E+00	1.00E+01	-	-
3,3'-DICHLOROBENZIDINE	91941	T	ug/l	106	0	5.61E-01	5.00E+00	1.50E-01	R9_TAP
3,3'-DIMETHYLBENZIDINE	119937	T	ug/l	106	0	4.34E+00	2.50E+01	2.90E-02	R9_TAP
3-METHYLCHOLANTHRENE	56495	T	ug/l	106	0	1.08E+00	1.00E+01	-	-
3-NITROANILINE	99092	T	ug/l	106	0	5.61E-01	5.00E+00	3.20E+00	R9_TAP
4,4'-METHYLENEBIS-(2-CHLOROBENZENAMINE)	101144	T	ug/l	98	0	2.73E+00	2.50E+01	5.20E-01	R9_TAP
4,6-DINITRO-2-METHYLPHENOL	534521	T	ug/l	106	0	2.72E+00	2.50E+01	3.60E+00	R9_TAP
4-AMINOBIPHENYL	92671	T	ug/l	106	0	1.08E+00	1.00E+01	-	-
4-BROMOPHENYL PHENYL ETHER	101553	T	ug/l	106	0	5.61E-01	5.00E+00	-	-
4-CHLORO-3-METHYLPHENOL	59507	T	ug/l	106	0	5.41E-01	5.00E+00	-	-
4-CHLOROANILINE	106478	T	ug/l	106	0	5.41E-01	5.00E+00	1.50E+02	R9_TAP

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Analyte[1]	CAS No.	Filtered	Units	Number of Samples	Number of Detects	Average Detection	Maximum Detection	Screening Level	Source[2]
4-CHLOROPHENYL PHENYL ETHER	7005723	T	ug/l	106	0	5.41E-01	5.00E+00	-	-
4-DIMETHYLAMINOAZOBENZENE	60117	T	ug/l	106	0	1.08E+00	1.00E+01	-	-
4-METHYLPHENOL (P-CRESOL)	106445	T	ug/l	106	0	1.10E+00	1.00E+01	3.50E+00	NC2LGW
4-NITROANILINE	100016	T	ug/l	106	0	5.61E-01	5.00E+00	3.20E+00	R9_TAP
4-NITROPHENOL	100027	T	ug/l	106	0	5.43E+00	5.00E+01	-	-
4-NITROQUINOLINE-N-OXIDE	56575	T	ug/l	106	0	1.06E+01	1.00E+02	-	-
5-NITRO-ORTHO-TOLUIDINE	99558	T	ug/l	106	0	1.61E+00	1.50E+01	2.00E+00	R9_TAP
7,12-DIMETHYLBENZ[A]ANTHRACENE	57976	T	ug/l	106	0	1.08E+00	1.00E+01	-	-
ACENAPHTHENE	83329	T	ug/l	106	0	5.41E-01	5.00E+00	8.00E+01	NC2LGW
ACENAPHTHYLENE	208968	T	ug/l	106	0	5.41E-01	5.00E+00	2.10E+02	NC2LGW
ACETONITRILE	75058	T	ug/l	98	0	3.50E+00	3.50E+00	1.00E+02	R9_TAP
ACETOPHENONE	98862	T	ug/l	106	0	1.07E+00	1.00E+01	6.10E+02	R3 RBSC
ACROLEIN	107028	T	ug/l	99	0	2.00E+01	2.00E+01	4.20E-02	R9_TAP
ACRYLONITRILE	107131	T	ug/l	123	0	2.07E+00	1.00E+01	3.90E-02	R9_TAP
ALLYL CHLORIDE	107051	T	ug/l	98	0	5.00E-02	5.00E-02	1.00E+01	R9_TAP
ANILINE	62533	T	ug/l	106	0	5.41E-01	5.00E+00	1.20E+01	R9_TAP
ANTHRACENE	120127	T	ug/l	106	0	5.41E-01	5.00E+00	2.10E+03	NC2LGW
BENZALDEHYDE	100527	T	ug/l	98	0	5.45E-01	5.00E+00	3.60E+03	R9_TAP
BENZIDINE	92875	T	ug/l	98	0	1.07E+01	1.00E+02	2.90E-04	R9_TAP
BENZO(A)ANTHRACENE	56553	T	ug/l	106	0	5.41E-01	5.00E+00	4.79E-02	NC2LGW
BENZO(B)FLUORANTHENE	205992	T	ug/l	106	0	5.41E-01	5.00E+00	4.79E-02	NC2LGW
BENZO(G,H,I)PERYLENE	191242	T	ug/l	106	0	5.41E-01	5.00E+00	2.10E+02	NC2LGW
BENZO(K)FLUORANTHENE	207089	T	ug/l	106	0	5.41E-01	5.00E+00	4.79E-01	NC2LGW
BENZO(K)FLUORANTHENE	207089	T	ug/l	106	0	5.41E-01	5.00E+00	9.20E-01	R9_TAP
BENZO[A]PYRENE	50328	T	ug/l	106	0	5.41E-01	5.00E+00	4.79E-03	NC2LGW
BENZOIC ACID	65850	T	ug/l	98	0	3.28E+00	3.00E+01	2.80E+04	NCIMAC
BENZYL ALCOHOL	100516	T	ug/l	106	0	2.72E+00	2.50E+01	1.10E+04	R9_TAP
BIS(2-CHLORO-1-METHYLETHYL) ETHER	108601	T	ug/l	74	0	6.19E-01	5.00E+00	2.70E-01	R9_TAP
BIS(2-CHLOROETHOXY)METHANE	111911	T	ug/l	106	0	5.41E-01	5.00E+00	-	-
BIS(2-CHLOROETHYL)ETHER	111444	T	ug/l	106	0	5.41E-01	5.00E+00	3.10E-02	NCIMAC
BIS(2-CHLOROISOPROPYL)ETHER	39638329	T	ug/l	69	0	4.99E-01	5.00E-01	2.70E-01	R9_TAP
BROMOCHLOROMETHANE	74975	T	ug/l	24	0	5.33E-01	2.50E+00	-	-
BROMODICHLOROMETHANE	75274	T	ug/l	122	0	1.45E-01	2.50E+00	5.60E-01	NC2LGW
BROMOFORM	75252	T	ug/l	122	0	1.45E-01	2.50E+00	1.90E-01	NC2LGW

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Analyte[1]	CAS No.	Filtered	Units	Number of Samples	Number of Detects	Average Detection	Maximum Detection	Screening Level	Source[2]
BUTYL BENZYL PHTHALATE	85687	T	ug/l	106	0	1.08E+00	1.00E+01	1.00E+02	NC2LGW
CARBAZOLE	86748	T	ug/l	98	0	5.45E-01	5.00E+00	3.40E+00	R9_TAP
CHLOROBENZILATE	510156	T	ug/l	106	0	1.63E+00	1.50E+01	2.50E-01	R9_TAP
CHLORODIBROMOMETHANE	124481	T	ug/l	122	0	1.45E-01	2.50E+00	4.10E-01	NCIMAC
CHLOROPRENE	126998	T	ug/l	98	0	5.00E-02	5.00E-02	1.40E+01	R9_TAP
CHRYSENE	218019	T	ug/l	106	0	5.41E-01	5.00E+00	4.79E+00	NC2LGW
CIS-1,3-DICHLOROPROPENE	10061015	T	ug/l	122	0	1.45E-01	2.50E+00	4.00E-01	R9_TAP
DIALLATE	2303164	T	ug/l	106	0	5.41E-01	5.00E+00	1.10E+00	R9_TAP
DIBENZ(A,H)ANTHRACENE	53703	T	ug/l	106	0	5.41E-01	5.00E+00	4.70E-03	NC2LGW
DIBENZOFURAN	132649	T	ug/l	106	0	5.41E-01	5.00E+00	2.80E+01	NCIMAC
DIETHYL PHTHALATE	84662	T	ug/l	106	0	1.08E+00	1.00E+01	5.00E+03	NC2LGW
DIETHYLENE GLYCOL	111466	T	ug/l	68	0	2.10E+03	2.10E+03	-	-
DIMETHOATE	60515	T	ug/l	106	0	1.63E+00	1.50E+01	7.30E+00	R9_TAP
ETHYL METHACRYLATE	97632	T	ug/l	98	0	5.00E-02	5.00E-02	5.50E+02	R9_TAP
ETHYL METHANESULFONATE	62500	T	ug/l	106	0	1.07E+00	1.00E+01	-	-
ETHYLENE GLYCOL	107211	T	ug/l	68	0	2.60E+03	2.60E+03	7.00E+03	NC2LGW
FLUORANTHENE	206440	T	ug/l	106	0	5.41E-01	5.00E+00	2.80E+02	NC2LGW
FLUORENE	86737	T	ug/l	106	0	5.41E-01	5.00E+00	2.80E+02	NC2LGW
HEXACHLOROBENZENE	118741	T	ug/l	106	0	5.61E-01	5.00E+00	2.00E-02	NC2LGW
HEXACHLOROBUTADIENE	87683	T	ug/l	106	0	5.61E-01	5.00E+00	4.40E-01	NCIMAC
HEXACHLOROBUTADIENE	87683	T	ug/l	106	0	5.61E-01	5.00E+00	8.60E-01	R9_TAP
HEXACHLOROCYCLOPENTADIENE	77474	T	ug/l	106	0	2.72E+00	2.50E+01	2.20E+02	R9_TAP
HEXACHLOROETHANE	67721	T	ug/l	106	0	5.41E-01	5.00E+00	4.80E+00	R9_TAP
HEXACHLOROPROPYLENE	1888717	T	ug/l	106	0	1.08E+00	1.00E+01	-	-
INDENO (1,2,3-CD) PYRENE	193395	T	ug/l	106	0	5.41E-01	5.00E+00	4.79E-02	NC2LGW
ISOBUTYL ALCOHOL	78831	T	ug/l	98	0	5.00E+00	5.00E+00	1.80E+03	R9_TAP
ISODRIN	465736	T	ug/l	106	0	6.17E-01	5.00E+00	-	-
ISOPHORONE	78591	T	ug/l	106	0	5.41E-01	5.00E+00	3.68E+01	NC2LGW
ISOSAFROLE	120581	T	ug/l	106	0	5.41E-01	5.00E+00	-	-
METHACRYLONITRILE	126987	T	ug/l	98	0	5.00E-01	5.00E-01	1.00E+00	R9_TAP
METHAPYRILENE	91805	T	ug/l	106	0	1.61E+00	1.50E+01	-	-
METHYL BROMIDE	74839	T	ug/l	122	0	1.61E-01	2.50E+00	8.70E+00	R9_TAP
METHYL ISOBUTYL KETONE	108101	T	ug/l	122	0	6.80E-01	5.00E+00	2.00E+03	R9_TAP
METHYL METHACRYLATE	80626	T	ug/l	98	0	5.00E-02	5.00E-02	1.40E+03	R9_TAP
METHYL METHANESULFONATE	66273	T	ug/l	106	0	5.41E-01	5.00E+00	-	-

Table 48
Chemicals of Interest in Groundwater
Phase II RFI
Former DuPont Brevard Facility

Analyte[1]	CAS No.	Filtered	Units	Number of Samples	Number of Detects	Average Detection	Maximum Detection	Screening Level	Source[2]
N-DIOCTYL PHTHALATE	117840	T	ug/l	106	0	1.08E+00	1.00E+01	1.40E+02	NC2LGW
NITROBENZENE	98953	T	ug/l	106	0	5.41E-01	5.00E+00	3.40E+00	R9_TAP
N-NITROSO(METHYL)ETHYLAMINE	10595956	T	ug/l	106	0	1.08E+00	1.00E+01	3.10E-03	R9_TAP
N-NITROSODIETHYLAMINE	55185	T	ug/l	106	0	1.07E+00	1.00E+01	4.50E-04	R9_TAP
N-NITROSODIMETHYLAMINE	62759	T	ug/l	106	0	1.08E+00	1.00E+01	7.00E-04	NC2LGW
N-NITROSO-DI-N-BUTYLAMINE	924163	T	ug/l	106	0	1.07E+00	1.00E+01	2.00E-03	R9_TAP
N-NITROSODI-N-PROPYLAMINE	621647	T	ug/l	106	0	5.41E-01	5.00E+00	9.60E-03	R9_TAP
N-NITROSODIPHENYLAMINE	86306	T	ug/l	106	0	1.07E+00	1.00E+01	1.40E+01	R9_TAP
N-NITROSOMORPHOLINE	59892	T	ug/l	106	0	1.07E+00	1.00E+01	-	-
N-NITROSOPIPERIDINE	100754	T	ug/l	106	0	1.07E+00	1.00E+01	-	-
N-NITROSOPYRROLIDINE	930552	T	ug/l	106	0	1.08E+00	1.00E+01	3.20E-02	R9_TAP
O,O,O-TRIETHYLPHOSPHOROTHIOATE	126681	T	ug/l	106	0	1.08E+00	1.00E+01	-	-
ORTHO-XYLENE	95476	T	ug/l	16	0	5.00E-02	5.00E-02	2.10E+02	R9_TAP
O-TOLUIDINE	95534	T	ug/l	106	0	5.61E-01	5.00E+00	2.80E-01	R9_TAP
PARA-PHENYLENEDIAMINE	106503	T	ug/l	106	0	3.19E+01	3.00E+02	6.90E+03	R9_TAP
2-CHLORONAPHTHALENE	91587	T	ug/l	106	0	5.41E-01	5.00E+00	4.90E+02	R9_TAP
PENTACHLOROBENZENE	608935	T	ug/l	106	0	1.07E+00	1.00E+01	2.90E+01	R9_TAP
PENTACHLOROETHANE	76017	T	ug/l	98	0	1.00E-01	1.00E-01	-	-
PENTACHLORONITROBENZENE	82688	T	ug/l	106	0	1.08E+00	1.00E+01	2.60E-01	R9_TAP
PENTACHLOROPHENOL	87865	T	ug/l	106	0	1.63E+00	1.50E+01	3.00E-01	NC2LGW
PHENACETIN	62442	T	ug/l	106	0	1.07E+00	1.00E+01	-	-
PHENANTHRENE	85018	T	ug/l	106	0	5.41E-01	5.00E+00	2.10E+02	NC2LGW
PRONAMIDE	23950585	T	ug/l	106	0	5.61E-01	5.00E+00	2.70E+03	R9_TAP
PROPIONITRILE	107120	T	ug/l	98	0	1.00E+00	1.00E+00	-	-
PROPYLENE GLYCOL	57556	T	ug/l	68	0	1.95E+03	1.95E+03	1.80E+04	R9_TAP
PYRENE	129000	T	ug/l	106	0	5.41E-01	5.00E+00	2.10E+02	NC2LGW
PYRIDINE	110861	T	ug/l	106	0	1.08E+00	1.00E+01	3.60E+01	R9_TAP
SAFROLE	94597	T	ug/l	106	0	1.07E+00	1.00E+01	-	-
STYRENE	100425	T	ug/l	122	0	1.45E-01	2.50E+00	1.00E+02	NC2LGW
TETRAETHYL DITHIOPYROPHOSPHATE	3689245	T	ug/l	106	0	5.41E-01	5.00E+00	1.80E+01	R9_TAP
THIONAZIN	297972	T	ug/l	106	0	1.10E+00	1.00E+01	-	-
TRANS-1,3-DICHLOROPROPENE	10061026	T	ug/l	122	0	1.45E-01	2.50E+00	4.00E-01	R9_TAP
TRANS-1,4-DICHLOROBUTENE-2	110576	T	ug/l	122	0	1.53E+00	2.50E+01	1.20E-03	R9_TAP
TRIETHYLENE GLYCOL	112276	T	ug/l	68	0	3.45E+03	3.45E+03	-	-
VINYL ACETATE	108054	T	ug/l	122	0	2.90E-01	5.00E+00	4.10E+02	R9_TAP

Footnotes:
1 - August 1995 to August 2004. Data Set from 69 existing monitoring well locations

Table 48
Chemicals of Interest in Groundwater
Phase II RFI
Former DuPont Brevard Facility

Analyte[1]	CAS No.	Filtered	Units	Number of Samples	Number of Detects	Average Detection	Maximum Detection	Screening Level	Source[2]

Essential nutrients (calcium, potassium, magnesium, etc.) and water quality parameters (e.g., sodium) were not included in evaluation
Total analyses (phosphorous, organic carbon, etc.) and gases (methanol) not included in evaluation

2 - The following sources were utilized for the screening criteria:
NC2LGW - North Carolina 2L Drinking Water Standard 15A NCAC 2L
NC IMAC - North Carolina Interim Maximum Allowable Concentration
R9_TAP - USEPA Region IX Preliminary Remediation Goal for Tap Water. November 2004
R3_TAP - USEPA Region III Risk Based Screening Concentration for Tap Water, October 2004.
DuPont IMAC - DuPont derived NC IMAC

Indicates exceedance of a screening level.

Table 49
Chemicals of Interest in Surface Soil
Phase II RFI
Former DuPont Brevard Facility

Analyte	CAS No.	Units	Number of Samples	Number of Detects	Average Detection	Maximum Detection	Site-Specific Background[1]	USEPA Region IX PRG for Residential Soil[2]	USEPA Region IX PRG for Industrial Soil[2]	NC SSL[3]
Inorganics										
ARSENIC	7440382	mg/kg	15	15	1.51E+00	2.17E+00	3.18E+00	3.90E-01	1.60E+00	5.24E+00
BARIUM	7440393	mg/kg	15	15	5.89E+01	2.24E+02	1.30E+02	5.40E+03	6.70E+04	8.48E+02
BERYLLIUM	7440417	mg/kg	15	15	1.17E+00	1.69E+00	2.60E+00	1.50E+02	1.90E+03	3.38E+00
CHROMIUM	7440473	mg/kg	15	15	6.29E+00	2.24E+01	6.43E+00	2.10E+02	4.50E+02	2.72E+01
COBALT	7440484	mg/kg	15	15	5.25E+00	1.71E+01	9.12E+00	9.00E+02	1.90E+03	-
COPPER	7440508	mg/kg	15	15	5.13E+00	2.59E+01	3.50E+00	3.10E+03	4.10E+04	7.04E+02
LEAD	7439921	mg/kg	15	15	1.59E+01	5.05E+01	2.18E+01	4.00E+02	8.00E+02	2.70E+02
NICKEL	7440020	mg/kg	15	15	4.68E+00	9.51E+00	6.77E+00	1.60E+03	2.00E+04	5.64E+01
TIN	7440315	mg/kg	15	15	4.90E+00	6.41E+00	8.71E+00	4.70E+04	1.00E+05	-
VANADIUM	7440622	mg/kg	15	15	1.82E+01	2.92E+01	2.21E+01	7.80E+01	1.00E+03	-
ZINC	7440666	mg/kg	15	15	3.66E+01	8.73E+01	5.16E+01	2.30E+04	1.00E+05	1.10E+03
SILVER	7440224	mg/kg	20	12	4.30E+01	5.30E+02	1.59E-01	3.90E+02	5.10E+03	2.23E-01
MERCURY	7439976	mg/kg	15	10	2.95E-02	2.06E-01	1.65E-02	2.35E+01	3.07E+02	1.54E-02
THALLIUM	7440280	mg/kg	15	5	1.07E+00	4.29E+00	1.13E+00	5.20E+00	6.70E+01	5.12E-01
ANTIMONY	7440360	mg/kg	15	1	4.84E-01	1.27E+00	9.07E-01	3.10E+01	4.10E+02	5.42E+00
CADMIUM	7440439	mg/kg	15	1	4.11E-02	1.61E-01	6.86E-02	3.70E+01	4.50E+02	2.72E+00
SELENIUM	7782492	mg/kg	15	0	4.99E-01	5.30E-01	1.06E+00	3.90E+02	5.10E+03	1.22E+01
Volatile Organic Compounds / Semivolatile Organic Compounds										
ACETONE	67641	mg/kg	7	5	8.06E-02	2.10E-01		1.40E+04	5.40E+04	2.81E+00
METHYLENE CHLORIDE	75092	mg/kg	7	5	8.29E-03	1.90E-02		9.10E+00	2.10E+01	2.20E-02
TRICHLOROFLUOROMETHANE	75694	mg/kg	7	5	2.15E+00	1.50E+01		3.90E+02	2.00E+03	3.15E+01
DI-N-BUTYL PHTHALATE	84742	mg/kg	8	2	4.39E-01	1.50E+00		6.10E+03	6.20E+04	2.48E+01
PHENANTHRENE	85018	mg/kg	8	2	1.04E+00	7.80E+00		3.70E+03	2.90E+04	5.96E+01
TETRACHLOROETHYLENE	127184	mg/kg	7	2	8.36E-03	3.30E-02		4.80E-01	1.30E+00	7.42E-03
1-METHYLNAPHTHALENE	90120	mg/kg	6	1	1.37E+00	8.10E+00		3.10E+02	4.10E+03	-
2-METHYLNAPHTHALENE	91576	mg/kg	8	1	1.43E+00	1.10E+01		3.10E+02	4.10E+03	1.72E+00
7,12-DIMETHYLBENZ[A]ANTHRACENE	57976	mg/kg	6	1	9.67E-01	5.70E+00		6.20E-01	2.10E+00	-
ACENAPHTHENE	83329	mg/kg	8	1	2.91E-01	1.90E+00		3.70E+03	2.90E+04	8.16E+00
ANTHRACENE	120127	mg/kg	8	1	1.05E-01	4.10E-01		2.20E+04	1.00E+05	9.95E+02
BENZO(A)ANTHRACENE	56553	mg/kg	8	1	4.04E-01	2.80E+00		6.20E-01	2.10E+00	3.43E-01
BENZO(B)FLUORANTHENE	205992	mg/kg	8	1	3.79E-01	2.60E+00		6.20E-01	2.10E+00	1.18E+00
BENZO(G,H,I)PERYLENE	191242	mg/kg	8	1	2.54E-01	1.60E+00		2.30E+03	2.90E+04	6.72E+03
BENZO[A]PYRENE	50328	mg/kg	8	1	6.04E-01	4.40E+00		6.20E-02	2.10E-01	9.28E-02