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]
BIPHENYL	92524	mg/kg	5	1	1.92E-01	8.80E-01		3.00E+03	2.30E+04	8.91E+00
BIS(2-ETHYLHEXYL)PHTHALATE	117817	mg/kg	8	1	1.71E-01	6.00E-01		3.50E+01	1.20E+02	6.67E+00
CARBAZOLE	86748	mg/kg	6	1	8.65E-02	4.20E-01		2.40E+01	8.60E+01	-
CHLOROFORM	67663	mg/kg	7	1	1.14E-03	2.50E-03		2.20E-01	4.70E-01	1.01E-03
CHRYSENE	218019	mg/kg	8	1	1.55E+00	1.20E+01		6.20E+01	2.10E+02	3.82E+01
CIS-1,2 DICHLOROETHENE	156592	mg/kg	7	1	1.71E-03	7.00E-03		4.30E+01	1.50E+02	3.50E-01
DIBENZ(A,H)ANTHRACENE	53703	mg/kg	8	1	1.74E-01	9.60E-01		6.20E-02	2.10E-01	1.72E-01
DIBENZOFURAN	132649	mg/kg	8	1	1.41E-01	7.00E-01		1.50E+02	1.60E+03	4.66E+00
DIESEL RANGE ORGANICS	394878870	mg/kg	4	1	4.57E+03	1.83E+04		-	-	-
ETHYLBENZENE	100414	mg/kg	7	1	3.14E-03	1.50E-02		4.00E+02	4.00E+02	2.41E-01
FLUORANTHENE	206440	mg/kg	8	1	2.04E-01	1.20E+00		2.30E+03	2.20E+04	2.76E+02
FLUORENE	86737	mg/kg	8	1	3.54E-01	2.40E+00		2.70E+03	2.60E+04	4.43E+01
INDENO (1,2,3-CD) PYRENE	193395	mg/kg	8	1	1.51E-01	7.80E-01		6.20E-01	2.10E+00	3.32E+00
METHYL ETHYL KETONE	78933	mg/kg	7	1	1.90E-02	5.00E-02		2.20E+04	1.10E+05	6.92E-01
NAPHTHALENE	91203	mg/kg	8	1	2.54E-01	1.60E+00		5.60E+01	1.90E+02	5.85E-01
PYRENE	129000	mg/kg	8	1	8.91E-01	6.70E+00		2.30E+03	2.90E+04	2.86E+02
TOLUENE	108883	mg/kg	7	1	3.43E-03	1.70E-02		5.20E+02	5.20E+02	7.27E+00
XYLENES	1330207	mg/kg	7	1	1.49E-02	9.70E-02		2.70E+02	4.20E+02	4.96E+00
1,1,1,2-TETRACHLOROETHANE	630206	mg/kg	5	0	5.00E-04	5.00E-04		3.20E+00	7.30E+00	-
1,1,1-TRICHLOROETHANE	71556	mg/kg	7	0	1.07E-03	2.50E-03		1.20E+03	1.20E+03	1.67E+00
1,1,2,2-TETRACHLOROETHANE	79345	mg/kg	7	0	1.07E-03	2.50E-03		4.10E-01	9.30E-01	9.53E-04
1,1,2-TRICHLOROETHANE	79005	mg/kg	7	0	1.07E-03	2.50E-03		7.30E-01	1.60E+00	1.70E-02
1,1-DICHLOROETHANE	75343	mg/kg	7	0	1.07E-03	2.50E-03		5.10E+02	1.70E+03	3.82E+00
1,1-DICHLOROETHENE	75354	mg/kg	7	0	1.07E-03	2.50E-03		1.20E+02	4.10E+02	4.45E-02
1,1'-OXYBISBENZENE	101848	mg/kg	5	0	5.69E-02	2.05E-01		2.40E+04	4.20E+04	-
1,2,3-TRICHLOROPROPANE	96184	mg/kg	5	0	5.00E-04	5.00E-04		3.40E-02	7.60E-02	-
1,2,4,5-TETRACHLOROBENZENE	95943	mg/kg	6	0	1.02E-01	4.15E-01		1.80E+01	1.80E+02	-
1,2,4-TRICHLOROBENZENE	120821	mg/kg	8	0	7.93E-02	2.05E-01		6.20E+01	2.20E+02	2.61E+00
1,2-DIBROMO-3-CHLOROPROPANE	96128	mg/kg	5	0	1.30E-03	1.50E-03		3.00E-02	7.60E-02	1.50E-04
1,2-DIBROMO-3-CHLOROPROPANE	96128	mg/kg	5	0	1.30E-03	1.50E-03		4.60E-01	7.60E-02	1.50E-04
1,2-DIBROMOETHANE (EDB)	106934	mg/kg	5	0	5.00E-04	5.00E-04		3.20E-02	7.30E-02	1.97E-06
1,2-DICHLOROBENZENE	95501	mg/kg	8	0	7.93E-02	2.05E-01		6.00E+02	6.00E+02	7.27E+00

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]
1,2-DICHLOROETHANE	107062	mg/kg	7	0	1.07E-03	2.50E-03		2.80E-01	6.00E-01	1.84E-03
1,2-DICHLOROPROPANE	78875	mg/kg	7	0	1.07E-03	2.50E-03		3.40E-01	7.40E-01	2.88E-03
1,2-DIPHENYLHYDRAZINE	122667	mg/kg	6	0	5.07E-02	2.05E-01		6.10E-01	2.20E+00	-
1,3,5-TRINITROBENZENE	99354	mg/kg	6	0	2.58E-01	1.05E+00		1.80E+03	1.80E+04	-
1,3-DICHLOROBENZENE	541731	mg/kg	8	0	7.93E-02	2.05E-01		5.30E+02	6.00E+02	2.37E+01
1,3-DINITROBENZENE	99650	mg/kg	6	0	1.02E-01	4.15E-01		6.10E+00	6.20E+01	-
1,4-DICHLOROBENZENE	106467	mg/kg	8	0	7.93E-02	2.05E-01		3.40E+00	7.90E+00	1.24E+00
1,4-DIOXANE	123911	mg/kg	6	0	1.50E-01	6.00E-01		4.40E+01	1.60E+02	2.85E-02
1,4-NAPHTHOQUINONE	130154	mg/kg	6	0	1.24E+00	5.00E+00		-	-	-
1-NAPHTHYLAMINE	134327	mg/kg	6	0	2.58E-01	1.05E+00		-	-	-
2,3,4,6-TETRACHLOROPHENOL	58902	mg/kg	6	0	1.02E-01	4.15E-01		1.80E+03	1.80E+04	-
2,4,5-TRICHLOROPHENOL	95954	mg/kg	8	0	7.93E-02	2.05E-01		6.10E+03	6.20E+04	4.05E+01
2,4,6-TRICHLOROPHENOL	88062	mg/kg	8	0	7.93E-02	2.05E-01		6.10E+00	6.20E+01	-
2,4-DICHLOROPHENOL	120832	mg/kg	8	0	7.93E-02	2.05E-01		1.80E+02	1.80E+03	-
2,4-DIMETHYLPHENOL	105679	mg/kg	8	0	7.93E-02	2.05E-01		1.20E+03	1.20E+04	1.15E+00
2,4-DINITROPHENOL	51285	mg/kg	8	0	9.79E-01	4.15E+00		1.20E+02	1.20E+03	-
2,4-DINITROTOLUENE	121142	mg/kg	8	0	1.18E-01	4.15E-01		1.20E+02	1.20E+03	-
2,6-DICHLOROPHENOL	87650	mg/kg	6	0	1.02E-01	4.15E-01		-	-	-
2,6-DINITROTOLUENE	606202	mg/kg	8	0	7.93E-02	2.05E-01		6.10E+01	6.20E+02	-
2-ACETYLAMINOFLUORENE	53963	mg/kg	6	0	1.02E-01	4.15E-01		-	-	-
2-CHLOROPHENOL	95578	mg/kg	8	0	7.93E-02	2.05E-01		6.30E+01	2.40E+02	1.20E-03
2-HEXANONE	591786	mg/kg	7	0	8.57E-03	2.50E-02		-	-	1.91E+00
2-METHYLPHENOL (O-CRESOL)	95487	mg/kg	8	0	7.93E-02	2.05E-01		3.10E+03	3.10E+04	1.05E+01
2-NAPHTHYLAMINE	91598	mg/kg	6	0	2.58E-01	1.05E+00		-	-	-
2-NITROANILINE	88744	mg/kg	8	0	2.51E-01	8.50E-01		1.80E+02	1.80E+03	-
2-NITROPHENOL	88755	mg/kg	8	0	7.93E-02	2.05E-01		-	-	-
2-PICOLINE	109068	mg/kg	6	0	1.02E-01	4.15E-01		-	-	-
3- AND 4- METHYLPHENOL	EVS-0197	mg/kg	2	0	1.65E-01	1.65E-01		3.10E+02	3.10E+03	1.74E-02
3,3'-DICHLOROBENZIDINE	91941	mg/kg	8	0	1.60E-01	4.15E-01		1.10E+00	3.80E+00	-
3,3'-DIMETHYLBENZIDINE	119937	mg/kg	6	0	2.58E-01	1.05E+00		2.10E-01	7.50E-01	-
3-METHYLCHOLANTHRENE	56495	mg/kg	6	0	1.02E-01	4.15E-01		-	-	-
3-NITROANILINE	99092	mg/kg	8	0	2.89E-01	8.50E-01		1.80E+01	8.20E+01	-

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]
4,4'-METHYLENEBIS-(2-CHLOROBENZENAMIN	101144	mg/kg	6	0	5.07E-02	2.05E-01		3.70E+00	1.30E+01	-
4,6-DINITRO-2-METHYLPHENOL	534521	mg/kg	8	0	4.06E-01	1.05E+00		6.10E+00	6.20E+01	-
4-AMINOBIPHENYL	92671	mg/kg	6	0	2.58E-01	1.05E+00		-	-	-
4-BROMOPHENYL PHENYL ETHER	101553	mg/kg	8	0	7.93E-02	2.05E-01		-	-	-
4-CHLORO-3-METHYLPHENOL	59507	mg/kg	8	0	1.60E-01	4.15E-01		-	-	-
4-CHLOROANILINE	106478	mg/kg	8	0	1.22E-01	3.35E-01		2.40E+02	2.50E+03	-
4-CHLOROPHENYL PHENYL ETHER	7005723	mg/kg	8	0	7.93E-02	2.05E-01		-	-	-
4-DIMETHYLAMINOAZOBENZENE	60117	mg/kg	6	0	1.02E-01	4.15E-01		-	-	-
4-METHYLPHENOL (P-CRESOL)	106445	mg/kg	6	0	1.02E-01	4.15E-01		3.10E+02	3.10E+03	1.74E-02
4-NITROANILINE	100016	mg/kg	8	0	2.89E-01	8.50E-01		2.30E+01	8.20E+01	-
4-NITROPHENOL	100027	mg/kg	8	0	4.06E-01	1.05E+00		-	-	-
4-NITROQUINOLINE-N-OXIDE	56575	mg/kg	6	0	5.07E-01	2.05E+00		-	-	-
5-NITRO-ORTHO-TOLUIDINE	99558	mg/kg	6	0	2.58E-01	1.05E+00		1.50E+01	5.20E+01	-
ACENAPHTHYLENE	208968	mg/kg	8	0	7.93E-02	2.05E-01		3.70E+03	2.90E+04	1.14E+01
ACETONITRILE	75058	mg/kg	5	0	1.60E-02	1.70E-02		4.20E+02	1.80E+03	4.00E-01
ACETOPHENONE	98862	mg/kg	6	0	1.02E-01	4.15E-01		7.80E+03	1.00E+05	-
ACROLEIN	107028	mg/kg	5	0	1.29E-02	1.35E-02		1.00E-01	3.40E-01	-
ACRYLONITRILE	107131	mg/kg	5	0	2.50E-03	2.50E-03		2.10E-01	4.90E-01	-
ALLYL CHLORIDE	107051	mg/kg	5	0	5.00E-04	5.00E-04		1.70E+01	1.80E+02	-
ANILINE	62533	mg/kg	6	0	5.07E-02	2.05E-01		8.50E+01	3.00E+02	-
BENZALDEHYDE	100527	mg/kg	6	0	5.07E-02	2.05E-01		6.10E+03	6.20E+04	-
BENZENE	71432	mg/kg	7	0	9.43E-04	2.50E-03		6.40E-01	1.40E+00	5.62E-03
BENZIDINE	92875	mg/kg	6	0	1.02E+00	4.15E+00		2.10E-03	7.50E-03	-
BENZO(K)FLUORANTHENE	207089	mg/kg	8	0	7.93E-02	2.05E-01		3.80E-01	1.30E+00	1.18E+01
BENZO(K)FLUORANTHENE	207089	mg/kg	8	0	7.93E-02	2.05E-01		6.20E+00	1.30E+00	1.18E+01
BENZOIC ACID	65850	mg/kg	8	0	4.06E-01	1.05E+00		1.00E+05	1.00E+05	1.13E+02
BENZYL ALCOHOL	100516	mg/kg	8	0	2.77E-01	1.05E+00		1.80E+04	1.00E+05	-
BIS(2-CHLORO-1-METHYLETHYL) ETHER	108601	mg/kg	4	0	1.65E-01	1.65E-01		2.90E+00	7.40E+00	-
BIS(2-CHLOROETHOXY)METHANE	111911	mg/kg	8	0	7.93E-02	2.05E-01		-	-	-
BIS(2-CHLOROETHYL)ETHER	111444	mg/kg	8	0	7.93E-02	2.05E-01		2.20E-01	5.80E-01	1.71E-04
BIS(2-CHLOROISOPROPYL)ETHER	39638329	mg/kg	6	0	5.07E-02	2.05E-01		2.90E+00	7.40E+00	-
BROMODICHLOROMETHANE	75274	mg/kg	7	0	1.07E-03	2.50E-03		8.20E-01	1.80E+00	2.92E-03

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]
BROMOFORM	75252	mg/kg	7	0	1.07E-03	2.50E-03		6.20E+01	2.20E+02	1.25E-03
BUTYL BENZYL PHTHALATE	85687	mg/kg	8	0	1.18E-01	4.15E-01		1.20E+04	1.00E+05	2.78E+01
CARBON DISULFIDE	75150	mg/kg	7	0	1.07E-03	2.50E-03		3.60E+02	7.20E+02	4.94E+00
CARBON TETRACHLORIDE	56235	mg/kg	7	0	1.07E-03	2.50E-03		2.50E-01	5.50E-01	2.70E-03
CHLOROBENZENE	108907	mg/kg	7	0	1.07E-03	2.50E-03		1.50E+02	5.30E+02	4.38E-01
CHLOROBENZILATE	510156	mg/kg	6	0	5.07E-02	2.05E-01		1.80E+00	6.40E+00	-
CHLORODIBROMOMETHANE	124481	mg/kg	7	0	1.07E-03	2.50E-03		1.10E+00	2.60E+00	1.71E-03
CHLOROPRENE	126998	mg/kg	5	0	5.00E-04	5.00E-04		3.60E+00	1.20E+01	-
CIS-1,3-DICHLOROPROPENE	10061015	mg/kg	7	0	1.07E-03	2.50E-03		7.80E-01	1.80E+00	-
DIALLATE	2303164	mg/kg	6	0	5.07E-02	2.05E-01		8.00E+00	2.80E+01	-
DICHLORODIFLUOROMETHANE	75718	mg/kg	7	0	1.64E-03	2.50E-03		9.40E+01	3.10E+02	3.06E+02
DIETHYL PHTHALATE	84662	mg/kg	8	0	1.18E-01	4.15E-01		4.90E+04	1.00E+05	2.82E+01
DIETHYLENE GLYCOL	111466	mg/kg	7	0	4.54E+00	1.25E+01		-	-	-
DIMETHOATE	60515	mg/kg	6	0	5.07E-02	2.05E-01		1.20E+01	1.20E+02	-
DIMETHYL PHTHALATE	131113	mg/kg	8	0	1.18E-01	4.15E-01		1.00E+05	1.00E+05	-
DIMETHYL TEREPHTHALATE	120616	mg/kg	2	0	1.65E-01	1.65E-01		6.10E+03	6.20E+04	-
ETHYL CHLORIDE	75003	mg/kg	14	0	2.36E-03	5.00E-03		3.00E+00	6.50E+00	1.01E-03
ETHYL METHACRYLATE	97632	mg/kg	5	0	5.00E-04	5.00E-04		1.40E+02	1.40E+02	-
ETHYL METHANESULFONATE	62500	mg/kg	6	0	1.02E-01	4.15E-01		-	-	-
ETHYLENE GLYCOL	107211	mg/kg	7	0	4.49E+00	1.25E+01		1.00E+05	1.00E+05	2.80E+01
HEXACHLOROBENZENE	118741	mg/kg	8	0	7.93E-02	2.05E-01		3.00E-01	1.10E+00	3.21E-02
HEXACHLOROBUTADIENE	87683	mg/kg	8	0	1.18E-01	4.15E-01		6.20E+00	2.20E+01	2.57E-01
HEXACHLOROCYCLOPENTADIENE	77474	mg/kg	8	0	2.34E-01	1.05E+00		3.70E+02	3.70E+03	2.00E+02
HEXACHLOROETHANE	67721	mg/kg	8	0	7.93E-02	2.05E-01		3.50E+01	1.20E+02	-
HEXACHLOROPROPYLENE	1888717	mg/kg	6	0	1.50E-01	6.00E-01		-	-	-
IODOMETHANE	74884	mg/kg	5	0	2.00E-03	2.00E-03		-	-	-
ISOBUTYL ALCOHOL	78831	mg/kg	5	0	6.30E-02	6.50E-02		1.30E+04	4.00E+04	-
ISODRIN	465736	mg/kg	6	0	5.07E-02	2.05E-01		-	-	-
ISOPHORONE	78591	mg/kg	8	0	7.93E-02	2.05E-01		5.10E+02	5.10E+02	1.82E-01
ISOSAFROLE	120581	mg/kg	6	0	1.02E-01	4.15E-01		-	-	-
METHACRYLONITRILE	126987	mg/kg	5	0	3.20E-03	3.50E-03		2.10E+00	8.40E+00	-
METHAPYRILENE	91805	mg/kg	6	0	1.50E-01	6.00E-01		-	-	-
METHYL BROMIDE	74839	mg/kg	7	0	2.36E-03	5.00E-03		3.90E+00	1.30E+01	-

Table 49
Chemicals of Interest in Surface Soil
Phase II RFI
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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]
METHYL CHLORIDE	74873	mg/kg	7	0	2.36E-03	5.00E-03		4.70E+01	1.60E+02	2.00E-02
METHYL ISOBUTYL KETONE	108101	mg/kg	7	0	8.57E-03	2.50E-02		5.30E+03	4.70E+04	6.50E-01
METHYL METHACRYLATE	80626	mg/kg	5	0	5.00E-04	5.00E-04		2.20E+03	2.70E+03	-
METHYL METHANESULFONATE	66273	mg/kg	6	0	5.07E-02	2.05E-01		-	-	-
METHYLENE BROMIDE	74953	mg/kg	5	0	5.00E-04	5.00E-04		6.70E+01	2.30E+02	-
N-DIOCTYL PHTHALATE	117840	mg/kg	8	0	1.18E-01	4.15E-01		2.40E+03	2.50E+04	1.00E+04
NITROBENZENE	98953	mg/kg	8	0	7.93E-02	2.05E-01		2.00E+01	1.00E+02	-
N-NITROSO(METHYL)ETHYLAMINE	10595956	mg/kg	6	0	1.02E-01	4.15E-01		2.20E-02	7.80E-02	-
N-NITROSODIETHYLAMINE	55185	mg/kg	6	0	1.02E-01	4.15E-01		3.20E-03	1.10E-02	-
N-NITROSODIMETHYLAMINE	62759	mg/kg	6	0	1.02E-01	4.15E-01		9.50E-03	3.40E-02	-
N-NITROSO-DI-N-BUTYLAMINE	924163	mg/kg	6	0	1.02E-01	4.15E-01		2.40E-02	5.80E-02	-
N-NITROSODI-N-PROPYLAMINE	621647	mg/kg	8	0	7.93E-02	2.05E-01		6.90E-02	2.50E-01	-
N-NITROSODIPHENYLAMINE	86306	mg/kg	8	0	7.93E-02	2.05E-01		9.90E+01	3.50E+02	-
N-NITROSOMORPHOLINE	59892	mg/kg	6	0	1.02E-01	4.15E-01		-	-	-
N-NITROSOPIPERIDINE	100754	mg/kg	6	0	1.02E-01	4.15E-01		-	-	-
N-NITROSOPYRROLIDINE	930552	mg/kg	6	0	1.02E-01	4.15E-01		2.30E-01	8.20E-01	-
O,O,O-TRIETHYLPHOSPHOROTHIOATE	126681	mg/kg	6	0	1.02E-01	4.15E-01		-	-	-
O-TOLUIDINE	95534	mg/kg	6	0	1.02E-01	4.15E-01		2.00E+00	7.20E+00	-
PARA-PHENYLENEDIAMINE	106503	mg/kg	6	0	3.83E+00	1.55E+01		1.20E+04	1.00E+05	-
2-CHLORONAPHTHALENE	91587	mg/kg	8	0	7.93E-02	2.05E-01		4.90E+03	2.30E+04	-
PENTACHLOROBENZENE	608935	mg/kg	6	0	1.02E-01	4.15E-01		4.90E+01	4.90E+02	-
PENTACHLOROETHANE	76017	mg/kg	5	0	5.00E-04	5.00E-04		-	-	-
PENTACHLORONITROBENZENE	82688	mg/kg	6	0	2.08E-01	8.50E-01		1.90E+00	6.60E+00	-
PENTACHLOROPHENOL	87865	mg/kg	8	0	4.06E-01	1.05E+00		3.00E+00	9.00E+00	2.31E-02
PHENACETIN	62442	mg/kg	6	0	1.02E-01	4.15E-01		-	-	-
PHENOL	108952	mg/kg	8	0	7.93E-02	2.05E-01		1.80E+04	1.00E+05	1.75E+00
PRONAMIDE	23950585	mg/kg	6	0	2.08E-01	8.50E-01		4.60E+03	4.60E+04	-
PROPIONITRILE	107120	mg/kg	5	0	1.91E-02	2.00E-02		-	-	-
PROPYLENE GLYCOL	57556	mg/kg	5	0	1.63E+00	1.65E+00		3.00E+04	1.00E+05	-
PYRIDINE	110861	mg/kg	6	0	1.02E-01	4.15E-01		6.10E+01	6.20E+02	-
SAFROLE	94597	mg/kg	6	0	1.02E-01	4.15E-01		-	-	-
STYRENE	100425	mg/kg	7	0	1.07E-03	2.50E-03		1.70E+03	1.70E+03	2.24E+00
TETRAETHYL DITHIOPYROPHOSPHATE	3689245	mg/kg	6	0	1.02E-01	4.15E-01		3.10E+01	3.10E+02	-
THIONAZIN	297972	mg/kg	6	0	1.02E-01	4.15E-01		-	-	-
TRANS-1,2-DICHLOROETHENE	156605	mg/kg	7	0	1.07E-03	2.50E-03		6.90E+01	2.30E+02	3.80E-01
TRANS-1,3-DICHLOROPROPENE	10061026	mg/kg	7	0	1.07E-03	2.50E-03		7.80E-01	1.80E+00	-
TRANS-1,4-DICHLOROBUTENE-2	110576	mg/kg	5	0	6.30E-03	6.50E-03		-	-	-
TRICHLOROETHENE	79016	mg/kg	7	0	1.07E-03	2.50E-03		5.30E-02	1.10E-01	1.83E-02
TRIETHYLENE GLYCOL	112276	mg/kg	7	0	4.83E+00	1.25E+01		-	-	-

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]
VINYL ACETATE	108054	mg/kg	7	0	8.07E-03	2.50E-02		4.30E+02	1.40E+03	1.70E+00
VINYL CHLORIDE	75014	mg/kg	7	0	1.79E-03	5.00E-03		7.90E-02	7.50E-01	9.52E-05

Footnotes:

1= Site-specific background concentrations detailed in Table 7.

2 = USEPA Region IX Preliminary Remediation Goal (PRG) Table. November 2004.
2-Methylnaphthalene value is USEPA Region III Risk-Based Screening Concentration for Industrial Soil
3- and 4-Methylphenol value is 4-Methylphenol
Benzo(g,h,i)perylene value is pyrene
Phenanthrene value is anthracene
1,1'-Oxybisbenzene is DuPont derived site-specific value

3 = NC SSLs- North Carolina Hazardous Waste Section Soil Screening Levels. December 2003.
3- and 4-Methylphenol value is 4-Methylphenol
Benzo(g,h,i)perylene value is pyrene
Phenanthrene value is anthracene

Indicates exceedance of a screening level.

Table 50
Chemicals of Interest in Subsurface 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	USEPA Region IX PRG for Residential Soil	USEPA Region IX PRG for Industrial Soil	NC SSL
Inorganics										
BARIUM	7440393	mg/kg	70	70	4.54E+01	2.08E+02	1.30E+02	5.40E+03	6.70E+04	8.48E+02
CHROMIUM	7440473	mg/kg	70	70	4.17E+01	1.19E+03	6.43E+00	2.10E+02	4.50E+02	2.72E+01
LEAD	7439921	mg/kg	70	68	1.39E+01	9.03E+01	2.18E+01	4.00E+02	8.00E+02	2.70E+02
ARSENIC	7440382	mg/kg	70	52	2.96E+00	1.49E+01	3.18E+00	3.90E-01	1.60E+00	5.24E+00
BERYLLIUM	7440417	mg/kg	47	47	1.13E+00	2.58E+00	2.60E+00	1.50E+02	1.90E+03	3.38E+00
COBALT	7440484	mg/kg	47	47	2.53E+00	8.60E+00	9.12E+00	9.00E+02	1.90E+03	-
COPPER	7440508	mg/kg	47	47	1.32E+01	1.99E+02	3.50E+00	3.10E+03	4.10E+04	7.04E+02
MERCURY	7439976	mg/kg	76	47	8.36E-02	8.89E-01	1.65E-02	2.35E+01	3.07E+02	1.54E-02
TIN	7440315	mg/kg	47	47	6.38E+00	9.77E+01	8.71E+00	4.70E+04	1.00E+05	-
VANADIUM	7440622	mg/kg	47	47	1.21E+02	3.29E+03	2.21E+01	7.80E+01	1.00E+03	-
ZINC	7440666	mg/kg	47	47	4.50E+03	2.06E+05	5.16E+01	2.30E+04	1.00E+05	1.10E+03
NICKEL	7440020	mg/kg	47	46	1.32E+01	3.52E+02	6.77E+00	1.60E+03	2.00E+04	5.64E+01
SILVER	7440224	mg/kg	86	42	5.53E+01	6.72E+02	1.59E-01	3.90E+02	5.10E+03	2.23E-01
CADMIUM	7440439	mg/kg	70	28	7.55E-01	1.26E+01	6.86E-02	3.70E+01	4.50E+02	2.72E+00
ANTIMONY	7440360	mg/kg	47	16	1.47E+01	2.95E+02	9.07E-01	3.10E+01	4.10E+02	5.42E+00
THALLIUM	7440280	mg/kg	47	12	1.18E+00	1.67E+01	1.13E+00	5.20E+00	6.70E+01	5.12E-01
SELENIUM	7782492	mg/kg	70	0	1.28E+00	4.79E+00	1.06E+00	3.90E+02	5.10E+03	1.22E+01
Volatile Organic Compounds/Semivolatile Organic Compounds										
ACETONE	67641	mg/kg	67	27	4.17E-01	9.00E+00		1.40E+04	5.40E+04	2.81E+00
BIS(2-ETHYLHEXYL)PHTHALATE	117817	mg/kg	67	20	7.19E-01	9.50E+00		3.50E+01	1.20E+02	6.67E+00
TOLUENE	108883	mg/kg	67	20	4.66E-01	7.10E+00		5.20E+02	5.20E+02	7.27E+00
CIS-1,2 DICHLOROETHENE	156592	mg/kg	67	18	1.99E+00	1.00E+02		4.30E+01	1.50E+02	3.50E-01
1,1'-OXYBISBENZENE	101848	mg/kg	38	17	9.67E+02	1.30E+04		2.40E+04	4.20E+04	-
BIPHENYL	92524	mg/kg	38	17	3.55E+02	5.10E+03		3.00E+03	2.30E+04	8.91E+00
TETRACHLOROETHYLENE	127184	mg/kg	67	15	2.17E+00	6.80E+01		4.80E-01	1.30E+00	7.42E-03
1,1,2,2-TETRACHLOROETHANE	79345	mg/kg	67	14	7.16E+00	2.20E+02		4.10E-01	9.30E-01	9.53E-04
TRICHLOROETHENE	79016	mg/kg	67	13	2.15E+00	7.10E+01		5.30E-02	1.10E-01	1.83E-02
XYLENES	1330207	mg/kg	67	13	1.67E+00	6.40E+01		2.70E+02	4.20E+02	4.96E+00
ETHYLBENZENE	100414	mg/kg	67	12	3.26E-01	1.10E+01		4.00E+02	4.00E+02	2.41E-01
DIBENZOFURAN	132649	mg/kg	67	11	1.56E+00	4.60E+01		1.50E+02	1.60E+03	4.66E+00
PHENANTHRENE	85018	mg/kg	67	10	5.15E+00	2.00E+02		3.70E+03	2.90E+04	5.96E+01
2-METHYLNAPHTHALENE	91576	mg/kg	67	9	1.25E+00	5.50E+01		3.10E+02	4.10E+03	1.72E+00
NAPHTHALENE	91203	mg/kg	67	9	3.12E+00	1.60E+02		5.60E+01	1.90E+02	5.85E-01
TRANS-1,2-DICHLOROETHENE	156605	mg/kg	67	9	9.03E-02	1.30E+00		6.90E+01	2.30E+02	3.80E-01
1-METHYLNAPHTHALENE	90120	mg/kg	43	8	1.30E+00	3.90E+01		3.10E+02	4.10E+03	-
FLUORANTHENE	206440	mg/kg	67	8	3.80E+00	1.30E+02		2.30E+03	2.20E+04	2.76E+02
1,1,2-TRICHLOROETHANE	79005	mg/kg	67	7	1.47E-01	3.60E+00		7.30E-01	1.60E+00	1.70E-02
BENZENE	71432	mg/kg	67	7	6.76E-02	2.10E+00		6.40E-01	1.40E+00	5.62E-03

Table 50
Chemicals of Interest in Subsurface 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	USEPA Region IX PRG for Residential Soil	USEPA Region IX PRG for Industrial Soil	NC SSL
ETHYLENE GLYCOL	107211	mg/kg	42	7	2.65E+01	9.74E+02		1.00E+05	1.00E+05	2.80E+01
PHENOL	108952	mg/kg	67	7	2.39E-01	3.20E+00		1.80E+04	1.00E+05	1.75E+00
PYRENE	129000	mg/kg	67	7	2.88E+00	1.00E+02		2.30E+03	2.90E+04	2.86E+02
BENZO(B)FLUORANTHENE	205992	mg/kg	67	6	9.95E-01	5.10E+01		6.20E-01	2.10E+00	1.18E+00
CARBON DISULFIDE	75150	mg/kg	67	6	2.19E-01	6.00E+00		3.60E+02	7.20E+02	4.94E+00
CHRYSENE	218019	mg/kg	67	6	1.19E+00	5.40E+01		6.20E+01	2.10E+02	3.82E+01
DI-N-BUTYL PHTHALATE	84742	mg/kg	67	6	4.08E-01	6.50E+00		6.10E+03	6.20E+04	2.48E+01
METHYL ETHYL KETONE	78933	mg/kg	67	6	3.04E-01	6.00E+00		2.20E+04	1.10E+05	6.92E-01
1,2-DICHLOROETHANE	107062	mg/kg	67	5	4.95E-02	1.30E+00		2.80E-01	6.00E-01	1.84E-03
BENZO(A)ANTHRACENE	56553	mg/kg	67	5	1.12E+00	4.80E+01		6.20E-01	2.10E+00	3.43E-01
BENZO[A]PYRENE	50328	mg/kg	67	5	8.19E-01	4.10E+01		6.20E-02	2.10E-01	9.28E-02
METHYLENE CHLORIDE	75092	mg/kg	67	5	6.60E-02	2.60E+00		9.10E+00	2.10E+01	2.20E-02
1,1,1-TRICHLOROETHANE	71556	mg/kg	67	4	4.62E-02	1.30E+00		1.20E+03	1.20E+03	1.67E+00
BENZO(G,H,I)PERYLENE	191242	mg/kg	67	4	3.80E-01	1.20E+01		2.30E+03	2.90E+04	6.72E+03
FLUORENE	86737	mg/kg	67	4	1.12E+00	3.70E+01		2.70E+03	2.60E+04	4.43E+01
ANTHRACENE	120127	mg/kg	67	3	9.54E-01	3.70E+01		2.20E+04	1.00E+05	9.95E+02
BENZO(K)FLUORANTHENE	207089	mg/kg	67	3	5.41E-01	2.30E+01		6.20E+00	1.30E+00	1.18E+01
BENZOIC ACID	65850	mg/kg	66	3	8.69E-01	1.60E+01		1.00E+05	1.00E+05	1.13E+02
CHLOROFORM	67663	mg/kg	67	3	3.74E-02	1.30E+00		2.20E-01	4.70E-01	1.01E-03
INDENO (1,2,3-CD) PYRENE	193395	mg/kg	67	3	4.22E-01	1.50E+01		6.20E-01	2.10E+00	3.32E+00
PENTACHLOROETHANE	76017	mg/kg	43	3	6.05E-02	1.30E+00		-	-	-
1,2-DIPHENYLHYDRAZINE	122667	mg/kg	42	2	2.14E-01	3.20E+00		6.10E-01	2.20E+00	-
2-CHLORONAPHTHALENE	91587	mg/kg	67	2	8.61E-01	3.60E+01		4.90E+03	2.30E+04	-
4-METHYLPHENOL (P-CRESOL)	106445	mg/kg	43	2	3.85E-01	6.50E+00		3.10E+02	3.10E+03	1.74E-02
ACENAPHTHENE	83329	mg/kg	67	2	8.90E-01	2.50E+01		3.70E+03	2.90E+04	8.16E+00
BENZALDEHYDE	100527	mg/kg	42	2	2.51E-01	3.70E+00		6.10E+03	6.20E+04	-
CARBAZOLE	86748	mg/kg	42	2	8.81E-01	2.10E+01		2.40E+01	8.60E+01	-
CHLOROBENZENE	108907	mg/kg	67	2	3.96E-02	1.30E+00		1.50E+02	5.30E+02	4.38E-01
DIALLATE	2303164	mg/kg	43	2	1.97E-01	3.20E+00		8.00E+00	2.80E+01	-
1,1-DICHLOROETHANE	75343	mg/kg	67	1	3.70E-02	1.30E+00		5.10E+02	1.70E+03	3.82E+00
1,1-DICHLOROETHENE	75354	mg/kg	67	1	4.13E-02	1.30E+00		1.20E+02	4.10E+02	4.45E-02
1,2,4-TRICHLOROBENZENE	120821	mg/kg	67	1	2.11E-01	3.20E+00		6.20E+01	2.20E+02	2.61E+00
2,4-DIMETHYLPHENOL	105679	mg/kg	67	1	1.99E-01	3.20E+00		1.20E+03	1.20E+04	1.15E+00
2-HEXANONE	591786	mg/kg	67	1	1.81E-01	3.85E+00		-	-	1.91E+00
3- AND 4- METHYLPHENOL	EVS-0197	mg/kg	24	1	2.38E-01	5.60E-01		3.10E+02	3.10E+03	1.74E-02
3-METHYLCHOLANTHRENE	56495	mg/kg	43	1	3.95E-01	6.50E+00		-	-	-
BUTYL BENZYL PHTHALATE	85687	mg/kg	67	1	3.22E-01	6.50E+00		1.20E+04	1.00E+05	2.78E+01
DIBENZ(A,H)ANTHRACENE	53703	mg/kg	67	1	2.58E-01	4.20E+00		6.20E-02	2.10E-01	1.72E-01
DIESEL RANGE ORGANICS	394878870	mg/kg	4	1	1.20E+02	4.76E+02		-	-	-

Table 50
Chemicals of Interest in Subsurface 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	USEPA Region IX PRG for Residential Soil	USEPA Region IX PRG for Industrial Soil	NC SSL
METHYL ISOBUTYL KETONE	108101	mg/kg	67	1	1.81E-01	3.85E+00		5.30E+03	4.70E+04	6.50E-01
N-DIOCTYL PHTHALATE	117840	mg/kg	67	1	3.22E-01	6.50E+00		2.40E+03	2.50E+04	1.00E+04
N-NITROSODIPHENYLAMINE	86306	mg/kg	67	1	2.08E-01	3.20E+00		9.90E+01	3.50E+02	-
TRICHLOROFLUOROMETHANE	75694	mg/kg	67	1	6.40E-02	2.60E+00		3.90E+02	2.00E+03	3.15E+01
VINYL CHLORIDE	75014	mg/kg	67	1	4.65E-02	1.30E+00		7.90E-02	7.50E-01	9.52E-05
1,1,1,2-TETRACHLOROETHANE	630206	mg/kg	43	0	4.19E-02	1.30E+00		3.20E+00	7.30E+00	-
1,2,3-TRICHLOROPROPANE	96184	mg/kg	43	0	4.19E-02	1.30E+00		3.40E-02	7.60E-02	-
1,2,4,5-TETRACHLOROBENZENE	95943	mg/kg	43	0	3.75E-01	6.50E+00		1.80E+01	1.80E+02	-
1,2-DIBROMO-3-CHLOROPROPANE	96128	mg/kg	43	0	8.38E-02	2.60E+00		3.00E-02	7.60E-02	1.50E-04
1,2-DIBROMO-3-CHLOROPROPANE	96128	mg/kg	43	0	8.38E-02	2.60E+00		4.60E-01	7.60E-02	1.50E-04
1,2-DIBROMOETHANE (EDB)	106934	mg/kg	43	0	4.19E-02	1.30E+00		3.20E-02	7.30E-02	1.97E-06
1,2-DICHLOROBENZENE	95501	mg/kg	67	0	1.99E-01	3.20E+00		6.00E+02	6.00E+02	7.27E+00
1,2-DICHLOROPROPANE	78875	mg/kg	67	0	3.70E-02	1.30E+00		3.40E-01	7.40E-01	2.88E-03
1,3,5-TRINITROBENZENE	99354	mg/kg	43	0	9.25E-01	1.60E+01		1.80E+03	1.80E+04	-
1,3-DICHLOROBENZENE	541731	mg/kg	67	0	1.99E-01	3.20E+00		5.30E+02	6.00E+02	2.37E+01
1,3-DINITROBENZENE	99650	mg/kg	43	0	3.75E-01	6.50E+00		6.10E+00	6.20E+01	-
1,4-DICHLOROBENZENE	106467	mg/kg	67	0	1.99E-01	3.20E+00		3.40E+00	7.90E+00	1.24E+00
1,4-DIOXANE	123911	mg/kg	43	0	5.53E-01	9.50E+00		4.40E+01	1.60E+02	2.85E-02
1,4-NAPHTHOQUINONE	130154	mg/kg	43	0	4.62E+00	8.00E+01		-	-	-
1-NAPHTHYLAMINE	134327	mg/kg	43	0	9.25E-01	1.60E+01		-	-	-
2,3,4,6-TETRACHLOROPHENOL	58902	mg/kg	43	0	3.75E-01	6.50E+00		1.80E+03	1.80E+04	-
2,4,5-TRICHLOROPHENOL	95954	mg/kg	67	0	1.99E-01	3.20E+00		6.10E+03	6.20E+04	4.05E+01
2,4,6-TRICHLOROPHENOL	88062	mg/kg	67	0	1.99E-01	3.20E+00		6.10E+00	6.20E+01	-
2,4,6-TRICHLOROPHENOL	88062	mg/kg	67	0	1.99E-01	3.20E+00		6.90E+00	6.20E+01	-
2,4-DICHLOROPHENOL	120832	mg/kg	67	0	1.99E-01	3.20E+00		1.80E+02	1.80E+03	-
2,4-DINITROPHENOL	51285	mg/kg	67	0	2.80E+00	6.50E+01		1.20E+02	1.20E+03	-
2,4-DINITROTOLUENE	121142	mg/kg	67	0	3.20E-01	6.50E+00		1.20E+02	1.20E+03	-
2,6-DICHLOROPHENOL	87650	mg/kg	43	0	3.75E-01	6.50E+00		-	-	-
2,6-DINITROTOLUENE	606202	mg/kg	67	0	1.99E-01	3.20E+00		6.10E+01	6.20E+02	-
2-ACETYLAMINOFLUORENE	53963	mg/kg	43	0	3.75E-01	6.50E+00		-	-	-
2-CHLOROPHENOL	95578	mg/kg	67	0	1.99E-01	3.20E+00		6.30E+01	2.40E+02	1.20E-03
2-METHYLPHENOL (O-CRESOL)	95487	mg/kg	67	0	1.99E-01	3.20E+00		3.10E+03	3.10E+04	1.05E+01
2-NAPHTHYLAMINE	91598	mg/kg	43	0	9.25E-01	1.60E+01		-	-	-
2-NITROANILINE	88744	mg/kg	67	0	5.19E-01	3.20E+00		1.80E+02	1.80E+03	-
2-NITROPHENOL	88755	mg/kg	67	0	1.99E-01	3.20E+00		-	-	-
2-PICOLINE	109068	mg/kg	43	0	3.75E-01	6.50E+00		-	-	-
3,3'-DICHLOROBENZIDINE	91941	mg/kg	67	0	3.98E-01	6.50E+00		1.10E+00	3.80E+00	-
3,3'-DIMETHYLBENZIDINE	119937	mg/kg	43	0	9.25E-01	1.60E+01		2.10E-01	7.50E-01	-
3-NITROANILINE	99092	mg/kg	67	0	6.40E-01	6.50E+00		1.80E+01	8.20E+01	-

Table 50
Chemicals of Interest in Subsurface 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	USEPA Region IX PRG for Residential Soil	USEPA Region IX PRG for Industrial Soil	NC SSL
4,4'-METHYLENEBIS-(2-	101144	mg/kg	42	0	1.90E-01	3.20E+00		3.70E+00	1.30E+01	-
4,6-DINITRO-2-METHYLPHENOL	534521	mg/kg	67	0	9.94E-01	1.60E+01		6.10E+00	6.20E+01	-
4-AMINOBIPHENYL	92671	mg/kg	43	0	9.25E-01	1.60E+01		-	-	-
4-BROMOPHENYL PHENYL ETHER	101553	mg/kg	67	0	1.99E-01	3.20E+00		-	-	-
4-CHLORO-3-METHYLPHENOL	59507	mg/kg	67	0	3.98E-01	6.50E+00		-	-	-
4-CHLOROANILINE	106478	mg/kg	67	0	2.77E-01	3.20E+00		2.40E+02	2.50E+03	-
4-CHLOROPHENYL PHENYL ETHER	7005723	mg/kg	67	0	1.99E-01	3.20E+00		-	-	-
4-DIMETHYLAMINOAZOBENZENE	60117	mg/kg	43	0	3.75E-01	6.50E+00		-	-	-
4-NITROANILINE	100016	mg/kg	67	0	6.40E-01	6.50E+00		2.30E+01	8.20E+01	-
4-NITROPHENOL	100027	mg/kg	67	0	9.94E-01	1.60E+01		-	-	-
4-NITROQUINOLINE-N-OXIDE	56575	mg/kg	43	0	1.86E+00	3.20E+01		-	-	-
5-NITRO-ORTHO-TOLUIDINE	99558	mg/kg	43	0	9.25E-01	1.60E+01		1.50E+01	5.20E+01	-
7,12-DIMETHYLBENZ[A]ANTHRACENE	57976	mg/kg	43	0	1.86E-01	3.20E+00		6.20E-01	2.10E+00	-
ACENAPHTHYLENE	208968	mg/kg	67	0	1.99E-01	3.20E+00		3.70E+03	2.90E+04	1.14E+01
ACETONITRILE	75058	mg/kg	43	0	1.05E+00	3.25E+01		4.20E+02	1.80E+03	4.00E-01
ACETOPHENONE	98862	mg/kg	43	0	3.75E-01	6.50E+00		7.80E+03	1.00E+05	-
ACROLEIN	107028	mg/kg	43	0	8.38E-01	2.60E+01		1.00E-01	3.40E-01	-
ACRYLONITRILE	107131	mg/kg	43	0	1.63E-01	5.00E+00		2.10E-01	4.90E-01	-
ALLYL CHLORIDE	107051	mg/kg	43	0	4.19E-02	1.30E+00		1.70E+01	1.80E+02	-
ALPHA,ALPHA-DIMETHYLPHENETHYLAMINE	122098	mg/kg	1	0	1.85E-02	1.85E-02		6.10E+01	6.20E+02	-
ANILINE	62533	mg/kg	43	0	1.86E-01	3.20E+00		8.50E+01	3.00E+02	-
ARAMITE	140578	mg/kg	1	0	1.85E-02	1.85E-02		1.90E+01	6.90E+01	-
BENZIDINE	92875	mg/kg	42	0	3.83E+00	6.50E+01		2.10E-03	7.50E-03	-
BENZYL ALCOHOL	100516	mg/kg	67	0	7.51E-01	1.60E+01		1.80E+04	1.00E+05	-
BIS(2-CHLORO-1-METHYLETHYL) ETHER	108601	mg/kg	52	0	2.06E-01	3.35E-01		2.90E+00	7.40E+00	-
BIS(2-CHLOROETHOXY)METHANE	111911	mg/kg	67	0	1.99E-01	3.20E+00		-	-	-
BIS(2-CHLOROETHYL)ETHER	111444	mg/kg	67	0	1.99E-01	3.20E+00		2.20E-01	5.80E-01	1.71E-04
BIS(2-CHLOROISOPROPYL)ETHER	39638329	mg/kg	41	0	1.94E-01	3.20E+00		2.90E+00	7.40E+00	-
BROMODICHLOROMETHANE	75274	mg/kg	67	0	3.70E-02	1.30E+00		8.20E-01	1.80E+00	2.92E-03
BROMOFORM	75252	mg/kg	67	0	3.70E-02	1.30E+00		6.20E+01	2.20E+02	1.25E-03
CARBON TETRACHLORIDE	56235	mg/kg	67	0	3.70E-02	1.30E+00		2.50E-01	5.50E-01	2.70E-03
CHLOROBENZILATE	510156	mg/kg	43	0	1.86E-01	3.20E+00		1.80E+00	6.40E+00	-
CHLORODIBROMOMETHANE	124481	mg/kg	67	0	3.70E-02	1.30E+00		1.10E+00	2.60E+00	1.71E-03
CHLOROPRENE	126998	mg/kg	43	0	4.19E-02	1.30E+00		3.60E+00	1.20E+01	-
CIS-1,3-DICHLOROPROPENE	10061015	mg/kg	67	0	3.70E-02	1.30E+00		7.80E-01	1.80E+00	-
DICHLORODIFLUOROMETHANE	75718	mg/kg	67	0	6.38E-02	2.60E+00		9.40E+01	3.10E+02	3.06E+02
DIETHYL PHTHALATE	84662	mg/kg	67	0	3.20E-01	6.50E+00		4.90E+04	1.00E+05	2.82E+01
DIETHYLENE GLYCOL	111466	mg/kg	42	0	4.23E+00	4.85E+01		-	-	-
DIMETHOATE	60515	mg/kg	43	0	1.86E-01	3.20E+00		1.20E+01	1.20E+02	-

Table 50
Chemicals of Interest in Subsurface 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	USEPA Region IX PRG for Residential Soil	USEPA Region IX PRG for Industrial Soil	NC SSL
DIMETHYL PHTHALATE	131113	mg/kg	67	0	3.20E-01	6.50E+00		1.00E+05	1.00E+05	-
DIMETHYL TEREPHTHALATE	120616	mg/kg	6	0	1.65E-01	1.65E-01		6.10E+03	6.20E+04	-
ETHYL CHLORIDE	75003	mg/kg	134	0	7.33E-02	2.60E+00		3.00E+00	6.50E+00	1.01E-03
ETHYL METHACRYLATE	97632	mg/kg	43	0	4.19E-02	1.30E+00		1.40E+02	1.40E+02	-
ETHYL METHANESULFONATE	62500	mg/kg	43	0	3.75E-01	6.50E+00		-	-	-
HEXACHLOROBENZENE	118741	mg/kg	67	0	1.99E-01	3.20E+00		3.00E-01	1.10E+00	3.21E-02
HEXACHLOROBUTADIENE	87683	mg/kg	67	0	3.20E-01	6.50E+00		6.20E+00	2.20E+01	2.57E-01
HEXACHLOROCYCLOPENTADIENE	77474	mg/kg	67	0	6.73E-01	1.60E+01		3.70E+02	3.70E+03	2.00E+02
HEXACHLOROETHANE	67721	mg/kg	67	0	1.99E-01	3.20E+00		3.50E+01	1.20E+02	-
HEXACHLOROPROPYLENE	1888717	mg/kg	43	0	5.53E-01	9.50E+00		-	-	-
IODOMETHANE	74884	mg/kg	43	0	1.24E-01	3.85E+00		-	-	-
ISOBUTYL ALCOHOL	78831	mg/kg	43	0	4.20E+00	1.30E+02		1.30E+04	4.00E+04	-
ISODRIN	465736	mg/kg	43	0	1.86E-01	3.20E+00		-	-	-
ISOPHORONE	78591	mg/kg	67	0	1.99E-01	3.20E+00		5.10E+02	5.10E+02	1.82E-01
ISOSAFROLE	120581	mg/kg	43	0	3.75E-01	6.50E+00		-	-	-
METHACRYLONITRILE	126987	mg/kg	43	0	2.09E-01	6.50E+00		2.10E+00	8.40E+00	-
METHAPYRILENE	91805	mg/kg	43	0	5.52E-01	9.50E+00		-	-	-
METHYL BROMIDE	74839	mg/kg	67	0	7.33E-02	2.60E+00		3.90E+00	1.30E+01	-
METHYL CHLORIDE	74873	mg/kg	67	0	7.33E-02	2.60E+00		4.70E+01	1.60E+02	2.00E-02
METHYL METHACRYLATE	80626	mg/kg	43	0	4.19E-02	1.30E+00		2.20E+03	2.70E+03	-
METHYL METHANESULFONATE	66273	mg/kg	43	0	1.86E-01	3.20E+00		-	-	-
METHYLENE BROMIDE	74953	mg/kg	43	0	4.19E-02	1.30E+00		6.70E+01	2.30E+02	-
NITROBENZENE	98953	mg/kg	67	0	1.99E-01	3.20E+00		2.00E+01	1.00E+02	-
N-NITROSO(METHYL)ETHYLAMINE	10595956	mg/kg	43	0	3.75E-01	6.50E+00		2.20E-02	7.80E-02	-
N-NITROSODIETHYLAMINE	55185	mg/kg	43	0	3.75E-01	6.50E+00		3.20E-03	1.10E-02	-
N-NITROSODIMETHYLAMINE	62759	mg/kg	43	0	3.75E-01	6.50E+00		9.50E-03	3.40E-02	-
N-NITROSO-DI-N-BUTYLAMINE	924163	mg/kg	43	0	3.75E-01	6.50E+00		2.40E-02	5.80E-02	-
N-NITROSODI-N-PROPYLAMINE	621647	mg/kg	67	0	1.99E-01	3.20E+00		6.90E-02	2.50E-01	-
N-NITROSOMORPHOLINE	59892	mg/kg	43	0	3.75E-01	6.50E+00		-	-	-
N-NITROSOPIPERIDINE	100754	mg/kg	43	0	3.75E-01	6.50E+00		-	-	-
N-NITROSOPYRROLIDINE	930552	mg/kg	43	0	3.75E-01	6.50E+00		2.30E-01	8.20E-01	-
O,O,O-TRIETHYLPHOSPHOROTHIOATE	126681	mg/kg	43	0	3.75E-01	6.50E+00		-	-	-
O-TOLUIDINE	95534	mg/kg	43	0	3.75E-01	6.50E+00		2.00E+00	7.20E+00	-
PARA-PHENYLENEDIAMINE	106503	mg/kg	43	0	1.40E+01	2.40E+02		1.20E+04	1.00E+05	-
PENTACHLOROBENZENE	608935	mg/kg	43	0	3.75E-01	6.50E+00		4.90E+01	4.90E+02	-
PENTACHLORONITROBENZENE	82688	mg/kg	43	0	4.26E-01	6.50E+00		1.90E+00	6.60E+00	-
PENTACHLOROPHENOL	87865	mg/kg	67	0	9.94E-01	1.60E+01		3.00E+00	9.00E+00	2.31E-02
PHENACETIN	62442	mg/kg	43	0	3.75E-01	6.50E+00		-	-	-
PRONAMIDE	23950585	mg/kg	43	0	2.62E-01	3.20E+00		4.60E+03	4.60E+04	-

Table 50
Chemicals of Interest in Subsurface 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	USEPA Region IX PRG for Residential Soil	USEPA Region IX PRG for Industrial Soil	NC SSL
PROPIONITRILE	107120	mg/kg	43	0	1.24E+00	3.85E+01		-	-	-
PROPYLENE GLYCOL	57556	mg/kg	35	0	1.87E+00	8.50E+00		3.00E+04	1.00E+05	-
PYRIDINE	110861	mg/kg	43	0	3.75E-01	6.50E+00		6.10E+01	6.20E+02	-
SAFROLE	94597	mg/kg	43	0	3.75E-01	6.50E+00		-	-	-
STYRENE	100425	mg/kg	67	0	3.70E-02	1.30E+00		1.70E+03	1.70E+03	2.24E+00
TETRAETHYL DITHIOPYROPHOSPHATE	3689245	mg/kg	43	0	3.75E-01	6.50E+00		3.10E+01	3.10E+02	-
THIONAZIN	297972	mg/kg	43	0	3.75E-01	6.50E+00		-	-	-
TRANS-1,3-DICHLOROPROPENE	10061026	mg/kg	67	0	3.70E-02	1.30E+00		7.80E-01	1.80E+00	-
TRANS-1,4-DICHLOROBUTENE-2	110576	mg/kg	43	0	4.20E-01	1.30E+01		-	-	-
TRIETHYLENE GLYCOL	112276	mg/kg	42	0	4.61E+00	4.85E+01		-	-	-
VINYL ACETATE	108054	mg/kg	67	0	1.55E-01	3.10E+00		4.30E+02	1.40E+03	1.70E+00

Table 50
Chemicals of Interest in Subsurface 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	USEPA Region IX PRG for Residential Soil	USEPA Region IX PRG for Industrial Soil	NC SSL

Footnotes:
1= Site-specific background concentrations detailed in Table 7.
2 = USEPA Region IX Preliminary Remediation Goal (PRG) Table. November 2004.
2-Methylnaphthalene value is USEPA Region III Risk-Based Screening Concentration for Industrial Soil
3- and 4-Methylphenol value is 4-Methylphenol
Benzo(g,h,i)perylene value is pyrene
Phenanthrene value is anthracene
1,1'-Oxybisbenzene is DuPont derived site-specific value
3 = NC SSLs- North Carolina Hazardous Waste Section Soil Screening Levels. December 2003.
3- and 4-Methylphenol value is 4-Methylphenol
Benzo(g,h,i)perylene value is pyrene
Phenanthrene value is anthracene

Indicates exceedance of a screening level.